

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050176.D
 Acq On : 30 Jul 2018 10:14
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 3:20:10 PM

Quant Time: Jul 31 01:18:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	699612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1003953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	920906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	476669	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	456651	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.59	113	418888	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.09	98	1575104	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.40	95	530388	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	502800	50.02	ug/l	100
3) Chloromethane	2.06	50	459285	42.03	ug/l	97
4) Vinyl Chloride	2.18	62	505662	43.94	ug/l	98
5) Bromomethane	2.56	94	152163	23.28	ug/l	99
6) Chloroethane	2.70	64	301604	43.64	ug/l	99
7) Trichlorofluoromethane	3.01	101	681659	45.73	ug/l	99
8) Diethyl Ether	3.41	74	225963	45.47	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	425353	47.45	ug/l	99
10) Methyl Iodide	3.95	142	237713	20.66	ug/l	99
11) Tert butyl alcohol	4.79	59	129260	179.97	ug/l	100
12) 1,1-Dichloroethene	3.73	96	370420	45.94	ug/l	98
13) Acrolein	3.61	56	48522	84.09	ug/l	97
14) Allyl chloride	4.32	41	605309	48.41	ug/l	99
15) Acrylonitrile	4.99	53	648788	207.05	ug/l	100
16) Acetone	3.82	43	579544	252.10	ug/l	100
17) Carbon Disulfide	4.05	76	1097230	44.42	ug/l	99
18) Methyl Acetate	4.32	43	421448	47.03	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1006084	46.82	ug/l	99
20) Methylene Chloride	4.55	84	427190	49.34	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	401970	47.05	ug/l	99
22) Diisopropyl ether	5.95	45	1274983	51.43	ug/l	100
23) Vinyl Acetate	5.90	43	4065177	232.03	ug/l	99
24) 1,1-Dichloroethane	5.85	63	762727	47.05	ug/l	100
25) 2-Butanone	6.83	43	810197	217.61	ug/l	100
26) 2,2-Dichloropropane	6.82	77	639531	51.86	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	454869	49.46	ug/l	99
28) Bromochloromethane	7.19	49	360521	48.76	ug/l	99
29) Tetrahydrofuran	7.21	42	483155	200.82	ug/l	99
30) Chloroform	7.37	83	767572	46.40	ug/l	99
31) Cyclohexane	7.65	56	660845	49.15	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	660304	46.66	ug/l	100
36) 1,1-Dichloropropene	7.79	75	593188	52.44	ug/l	98
37) Ethyl Acetate	6.93	43	325003	41.21	ug/l	100
38) Carbon Tetrachloride	7.77	117	592355	49.36	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	646417	55.55	ug/l	99
40) Benzene	8.04	78	1743238	50.65	ug/l	100
41) Methacrylonitrile	7.17	41	188604	46.14	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	545859	47.54	ug/l	99
43) Isopropyl Acetate	8.16	43	627472	42.04	ug/l	99
44) Trichloroethene	8.83	130	462006	49.95	ug/l	100
45) 1,2-Dichloropropane	9.12	63	461358	50.61	ug/l	99
46) Dibromomethane	9.21	93	272599	48.16	ug/l	100
47) Bromodichloromethane	9.40	83	593557	49.68	ug/l	100
48) Methyl methacrylate	9.20	41	318395	46.88	ug/l	99
49) 1,4-Dioxane	9.20	88	79352	858.53	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1710927	220.70	ug/l	100
52) Toluene	10.16	92	1080779	53.20	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	603195	53.50	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	683614	53.06	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	385550	47.84	ug/l	99
56) Ethyl methacrylate	10.43	69	474553	43.74	ug/l	100
57) 1,3-Dichloropropane	10.71	76	646344	49.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1130738	222.67	ug/l	100
59) 2-Hexanone	10.75	43	1194620	210.54	ug/l	100
60) Dibromochloromethane	10.90	129	446831	50.08	ug/l	98
61) 1,2-Dibromoethane	11.00	107	375502	46.96	ug/l	98
64) Tetrachloroethene	10.63	164	431539	48.74	ug/l	99
65) Chlorobenzene	11.43	112	1177025	50.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	445483	49.84	ug/l	99
67) Ethyl Benzene	11.51	91	2056132	55.03	ug/l	99
68) m/p-Xylenes	11.62	106	1570322	111.10	ug/l	100
69) o-Xylene	11.95	106	749452	55.62	ug/l	99
70) Styrene	11.96	104	1211570	50.55	ug/l	100
71) Bromoform	12.13	173	305065	46.92	ug/l #	99
73) Isopropylbenzene	12.25	105	2022823	54.72	ug/l	100
74) N-amyl acetate	12.07	43	510799	45.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	472730	47.80	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	384470m	43.40	ug/l	
77) Bromobenzene	12.53	156	507723	49.55	ug/l	98
78) n-propylbenzene	12.59	91	2342467	56.69	ug/l	100
79) 2-Chlorotoluene	12.68	91	1365963	53.33	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1666953	57.33	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	131681	47.15	ug/l	99
82) 4-Chlorotoluene	12.77	91	1397808	55.11	ug/l	99
83) tert-Butylbenzene	12.99	119	1407784	55.48	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1691233	57.70	ug/l	100
85) sec-Butylbenzene	13.17	105	1934525	57.05	ug/l	100
86) p-Isopropyltoluene	13.29	119	1689571	59.14	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	903416	52.01	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	874077	51.63	ug/l	100
89) n-Butylbenzene	13.62	91	1416776	60.30	ug/l	100
90) Hexachloroethane	13.88	117	306518	48.32	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	866709	49.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	68854	41.67	ug/l	97

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QLast Update : Thu Jul 26 18:10:10 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	442350	48.16	ug/l	98
94) Hexachlorobutadiene	15.01	225	282888	53.22	ug/l	98
95) Naphthalene	15.14	128	865083	40.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	423901	47.39	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

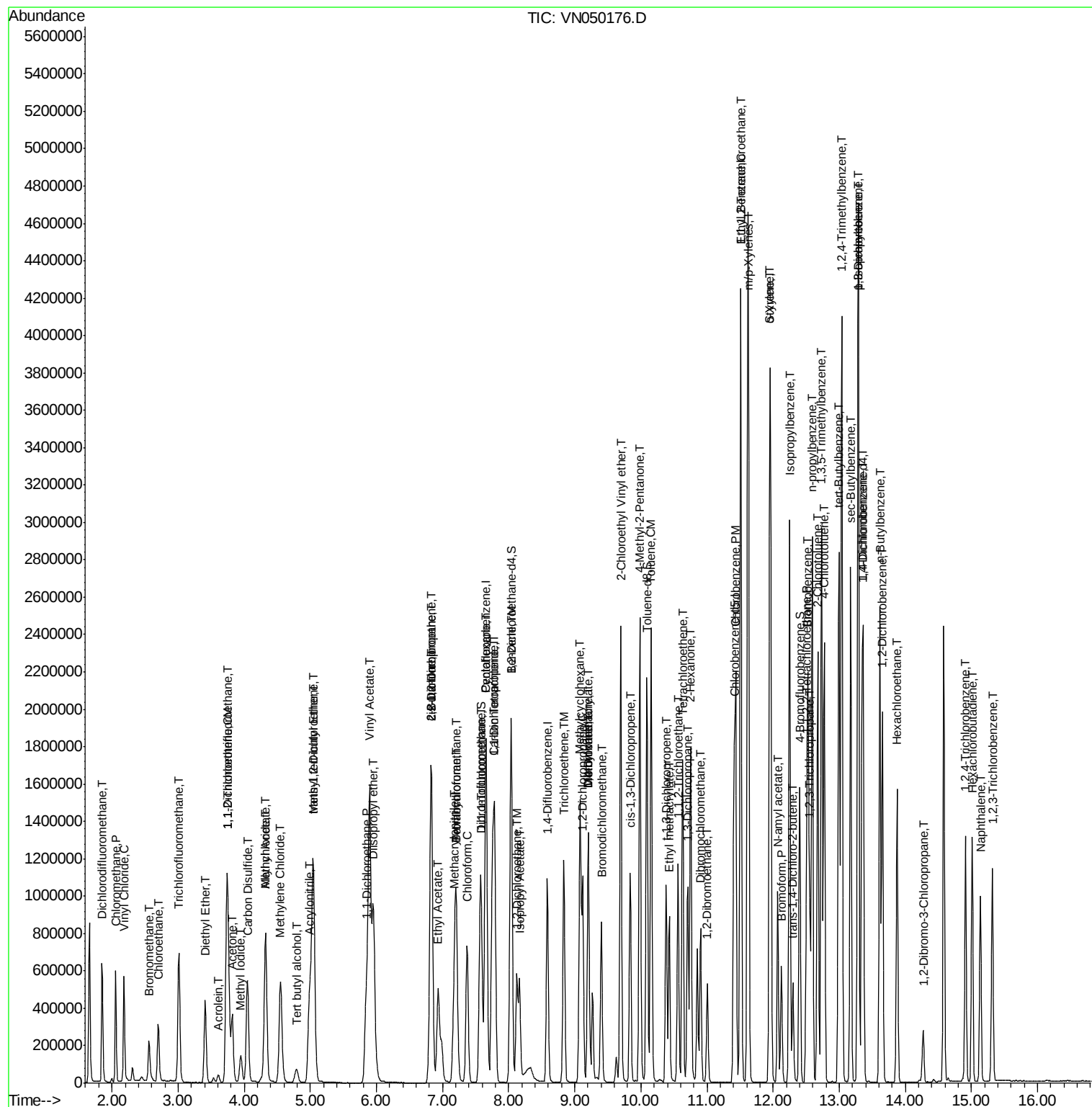
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
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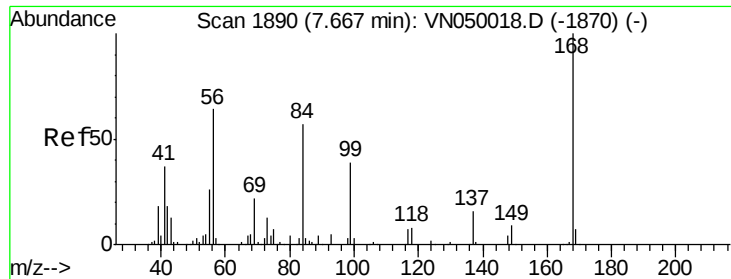
Instrument :
 MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 699612

Ion Ratio Lower Upper

168 100

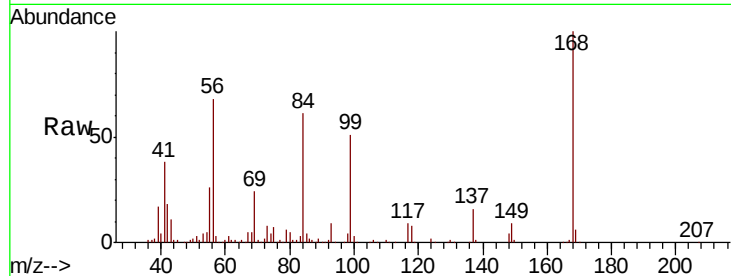
99 50.6 40.0 60.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

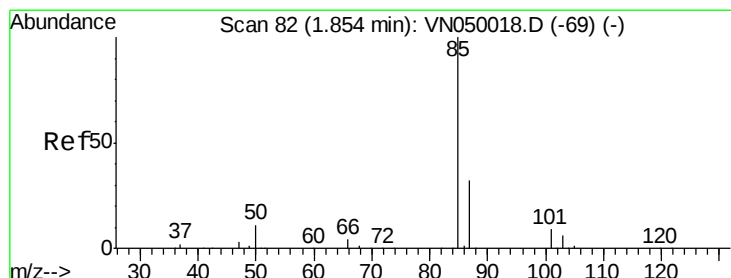
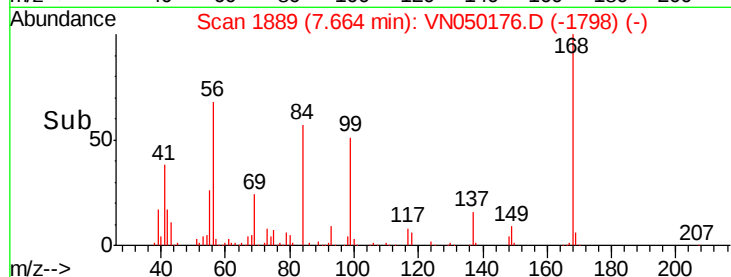
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.02 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050176.D

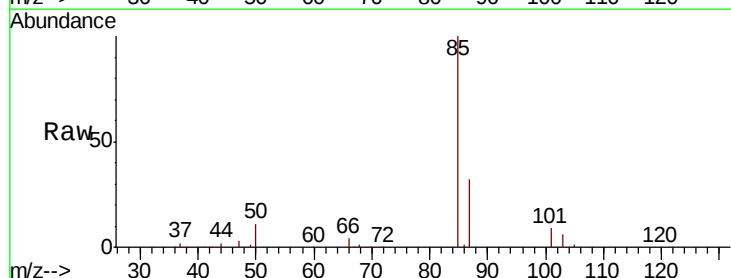
Acq: 30 Jul 2018 10:14

Tgt Ion: 85 Resp: 502800

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

400000

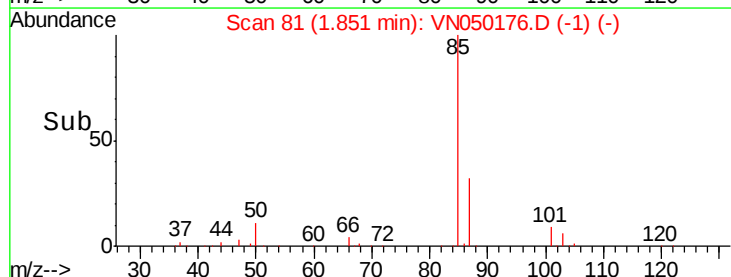
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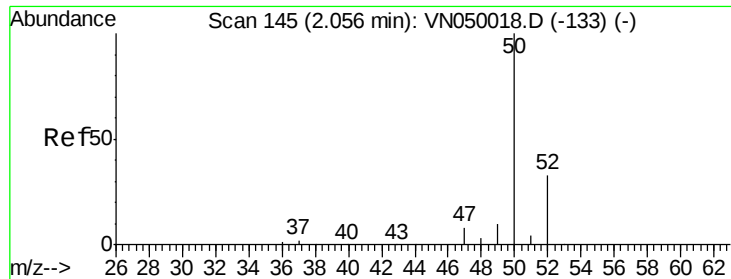
200000

100000

0

Time-->





#3

Chloromethane

Concen: 42.03 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 459285

Ion Ratio Lower Upper

50 100

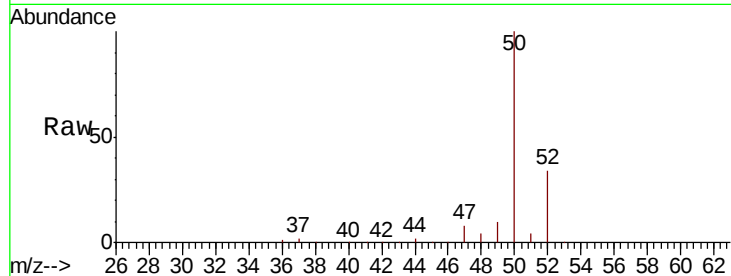
52 34.0 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

400000

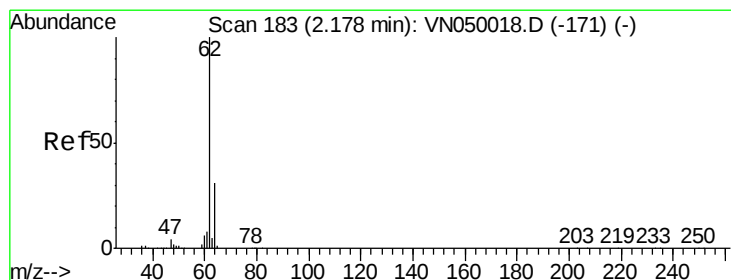
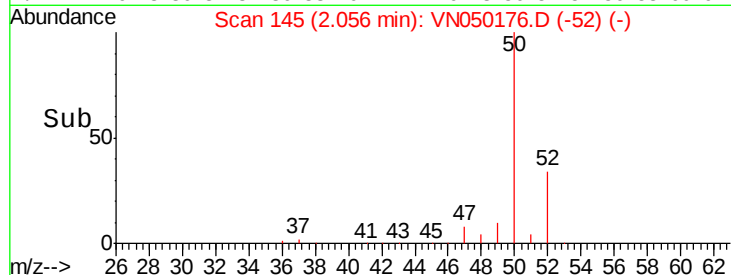
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 43.94 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050176.D

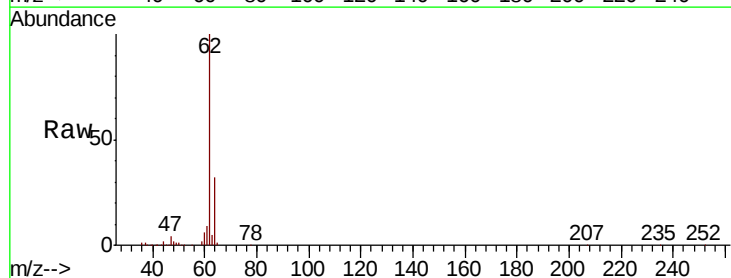
Acq: 30 Jul 2018 10:14

Tgt Ion: 62 Resp: 505662

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

400000

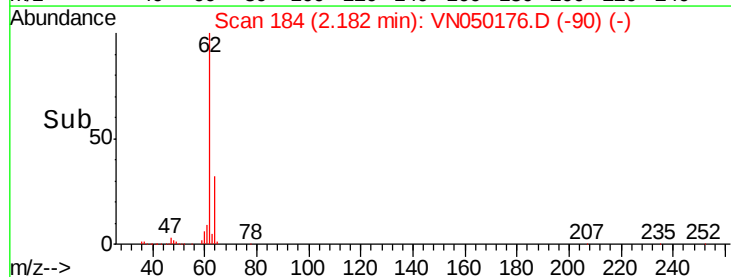
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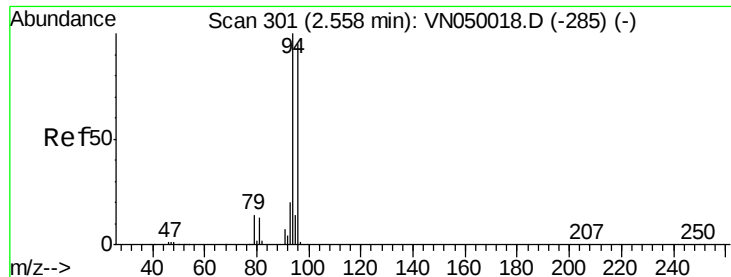
200000

100000

0

Time-->





#5

Bromomethane

Concen: 23.28 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 152163

Ion Ratio Lower Upper

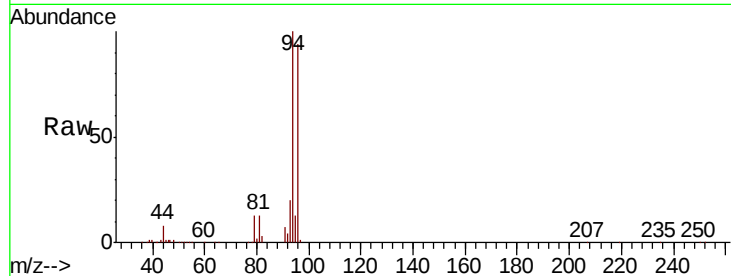
94 100

96 94.0 74.6 112.0

Manual Integrations
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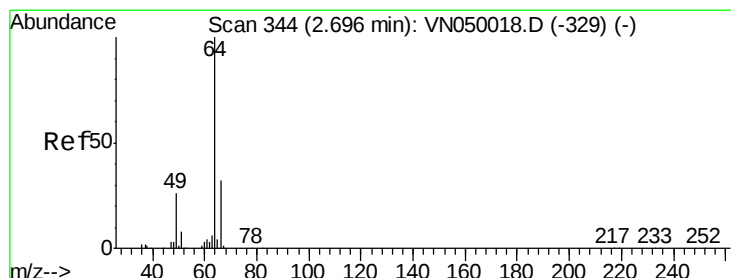
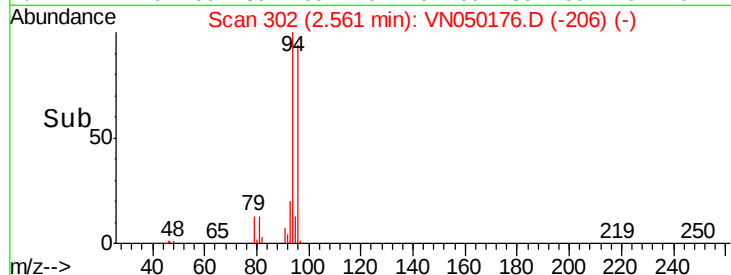
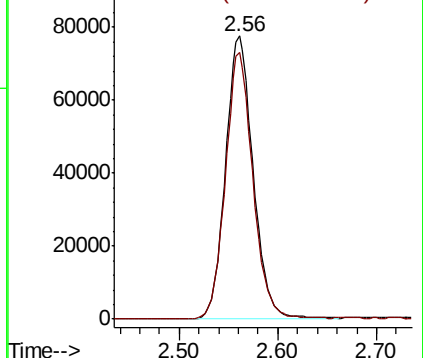
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 43.64 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VN050176.D

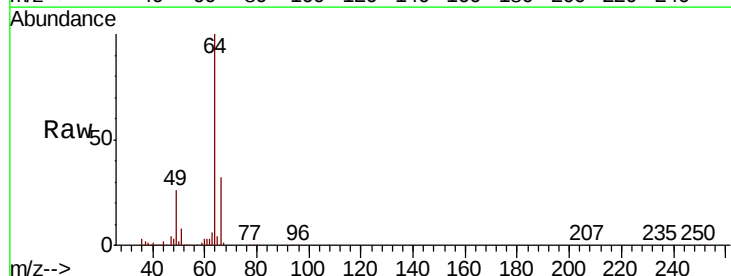
Acq: 30 Jul 2018 10:14

Tgt Ion: 64 Resp: 301604

Ion Ratio Lower Upper

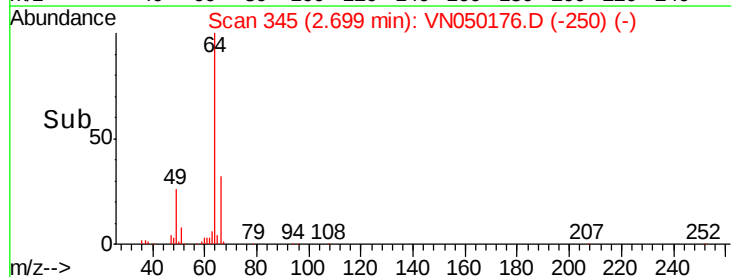
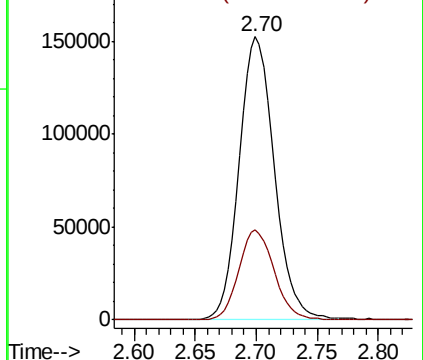
64 100

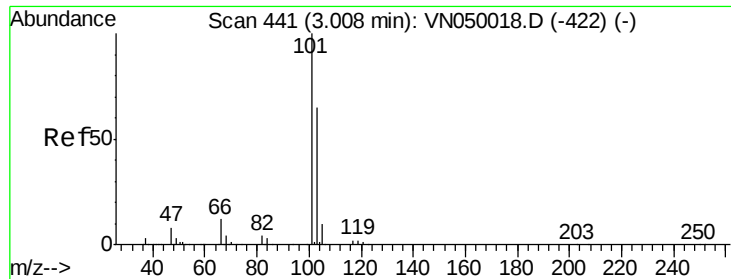
66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

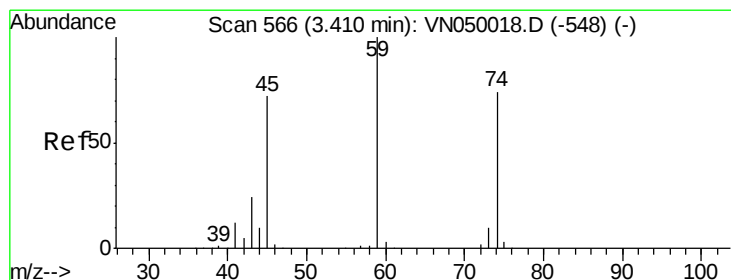
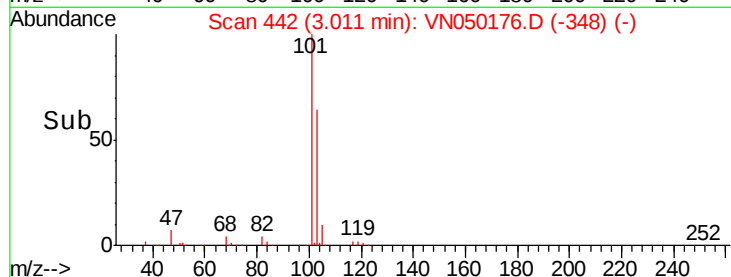
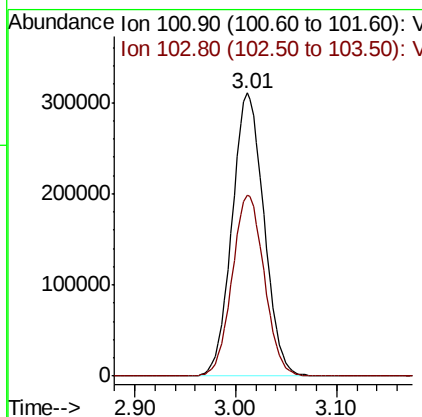
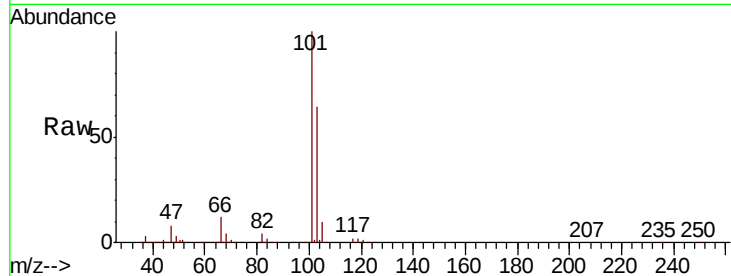
Trichlorofluoromethane
Concen: 45.73 ug/l
RT: 3.01 min Scan# 442
Delta R.T. 0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.7	77.5

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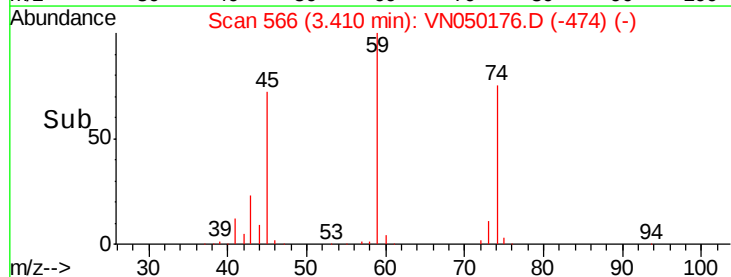
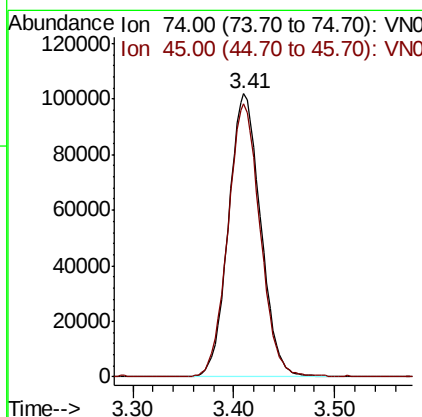
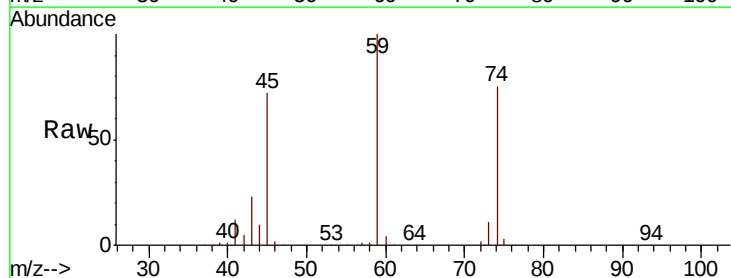
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7/31/2018 3:20:10 PM

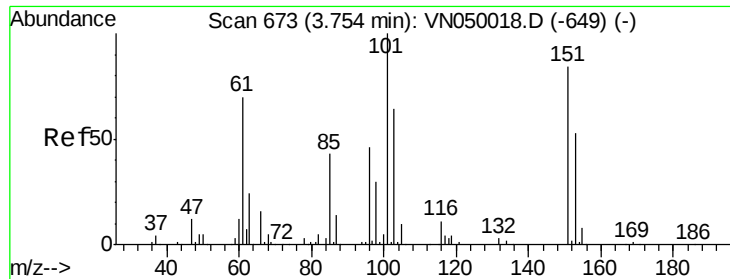


#8

Diethyl Ether
Concen: 45.47 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	47.6	142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.45 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

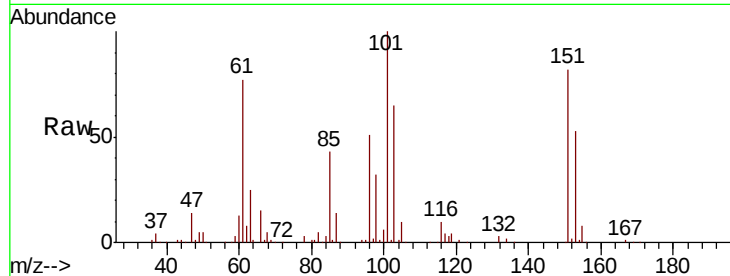
ClientSampleId :

VSTDCCC050

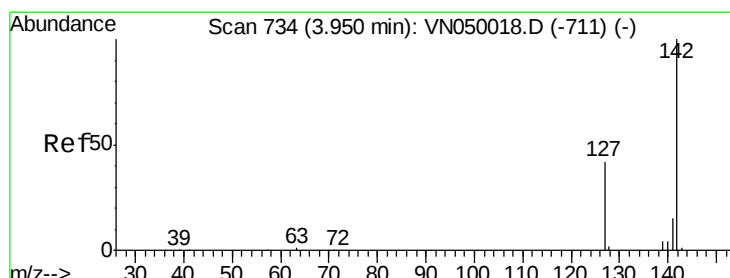
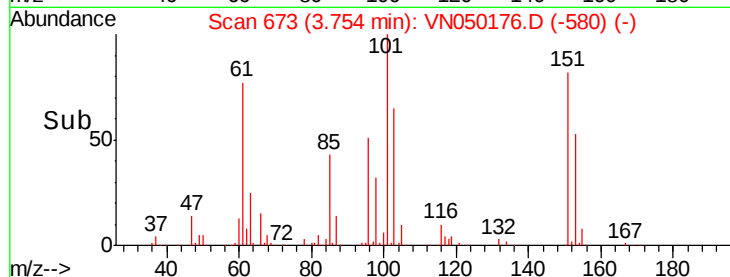
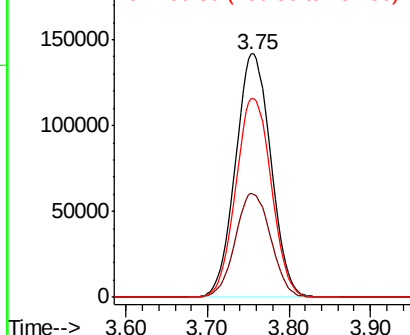
Tot Ion:	101	Resp:	425353
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.2	51.2
151	82.3	66.3	99.5

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.66 ug/l

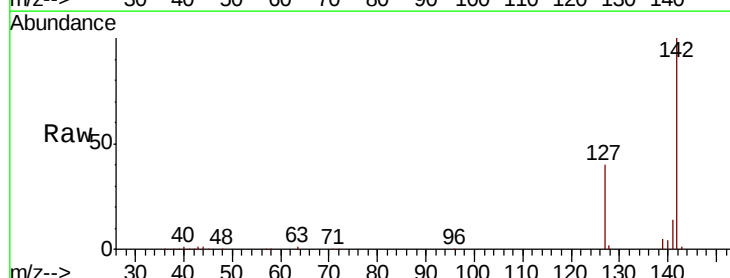
RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

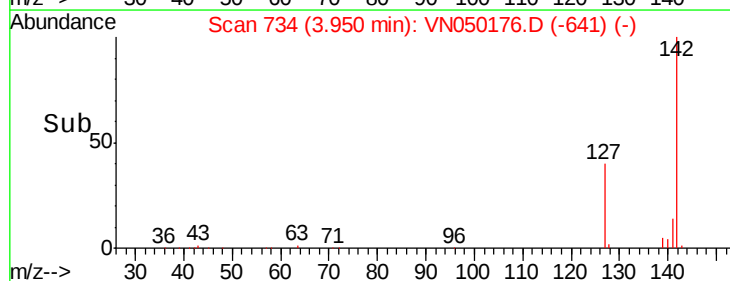
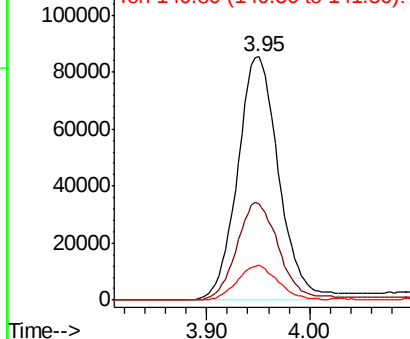
Lab File: VN050176.D

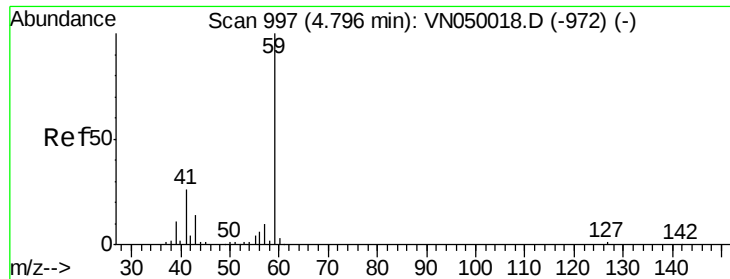
Acq: 30 Jul 2018 10:14

Tgt Ion:	142	Resp:	237713
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.4	50.2
141	14.2	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





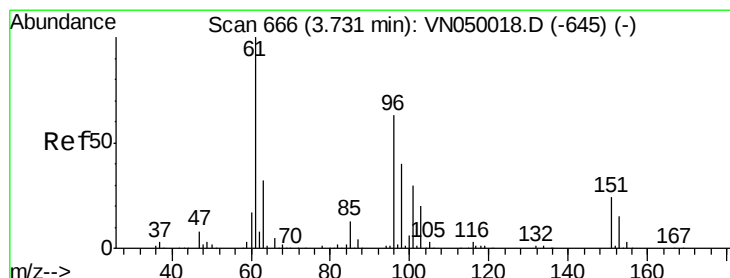
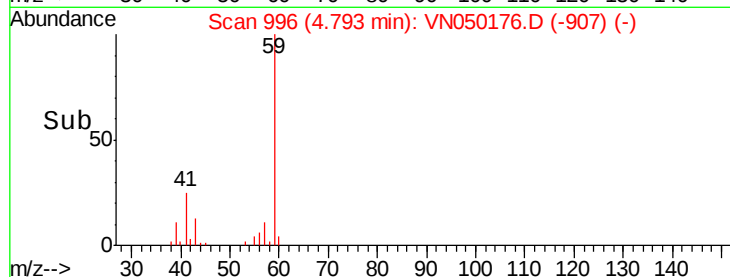
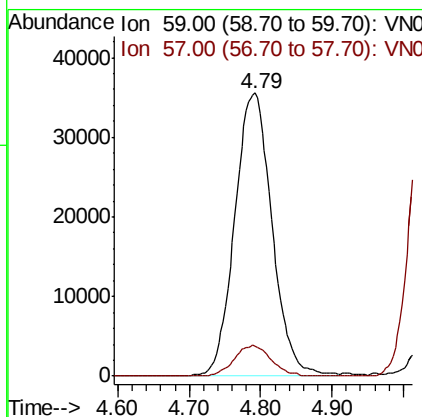
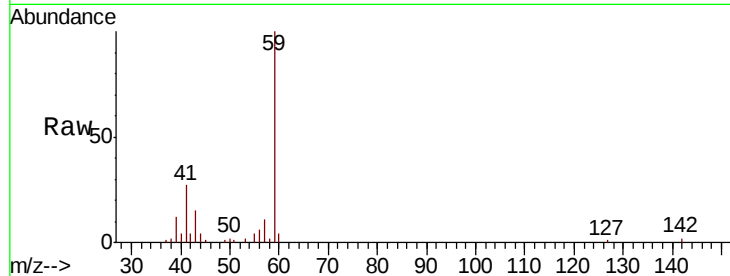
#11
Tert butyl alcohol
Concen: 179.97 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.01 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	129260
Ion Ratio	100	Lower	Upper
57	10.7	8.5	12.7

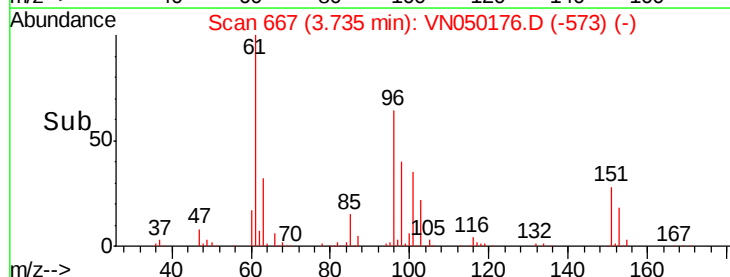
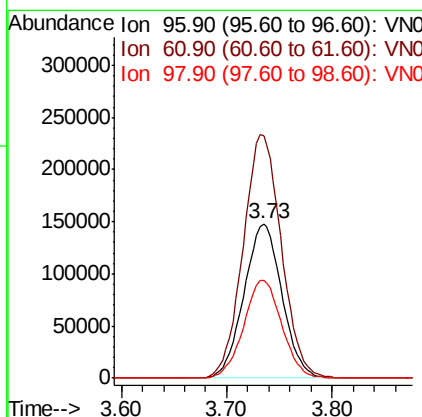
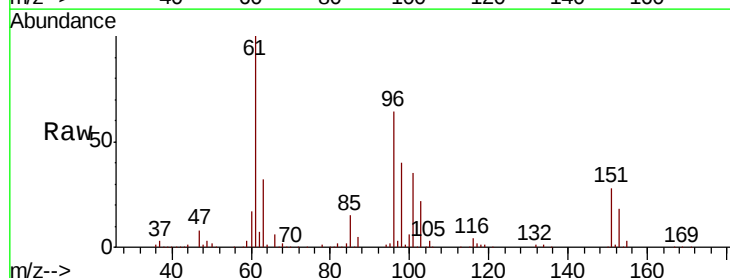
Manual Integrations
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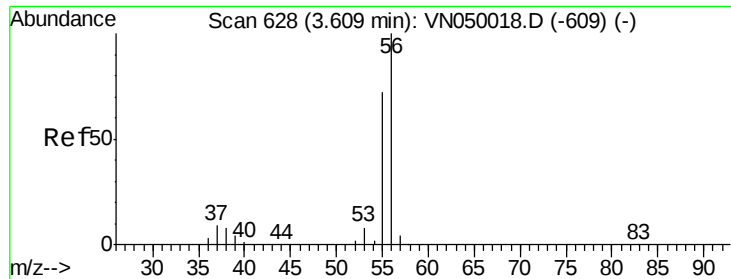
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#12
1,1-Dichloroethene
Concen: 45.94 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	96	Resp	370420
Ion Ratio	100	Lower	Upper
61	156.5	124.4	186.6
98	63.3	48.3	72.5





#13

Acrolein

Concen: 84.09 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 48522

Ion Ratio Lower Upper

56 100

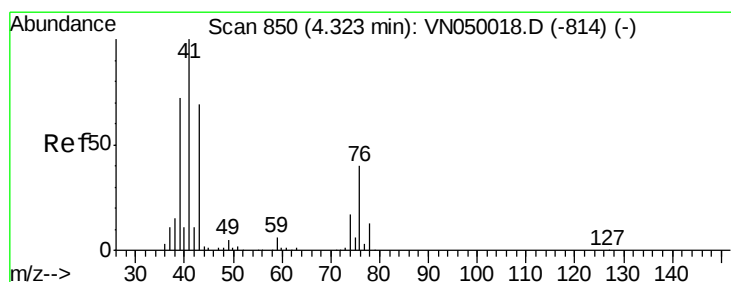
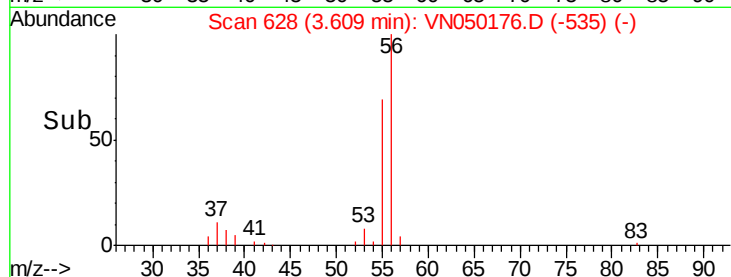
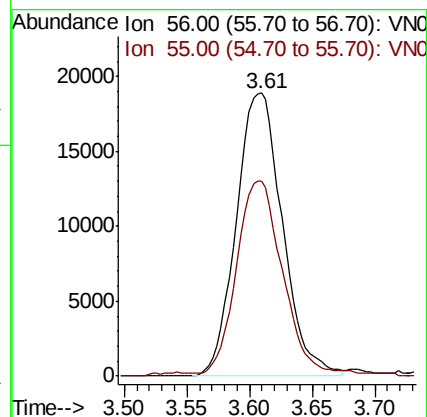
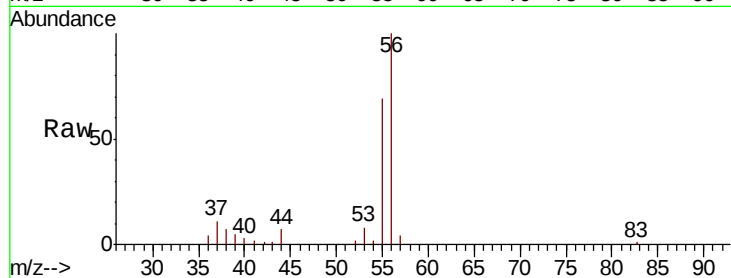
55 66.9 55.8 83.6

Manual Integrations

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#14

Allyl chloride

Concen: 48.41 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

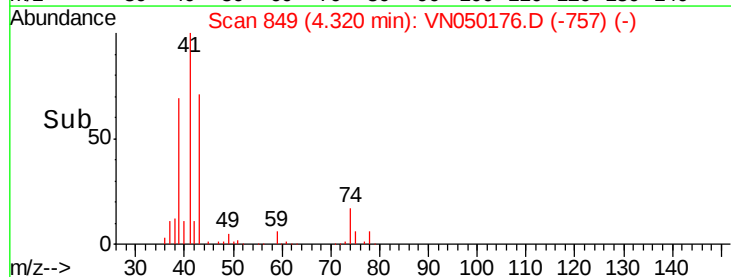
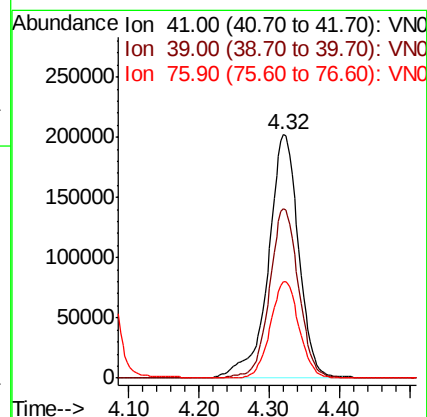
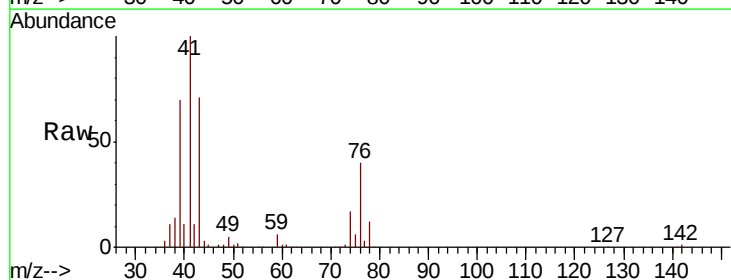
Tgt Ion: 41 Resp: 605309

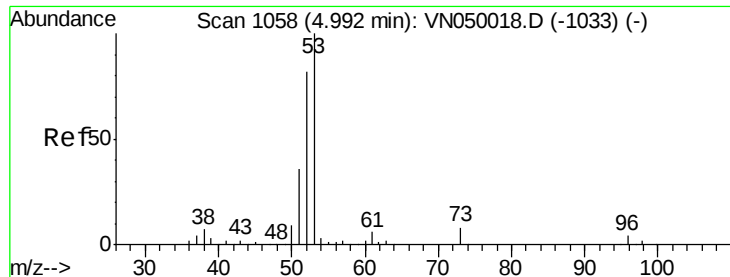
Ion Ratio Lower Upper

41 100

39 67.1 54.2 81.4

76 37.2 29.0 43.6





#15

Acrylonitrile

Concen: 207.05 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

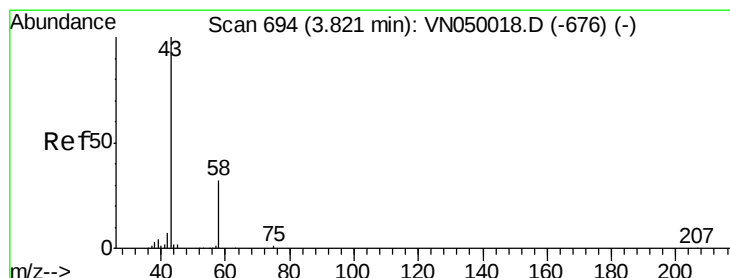
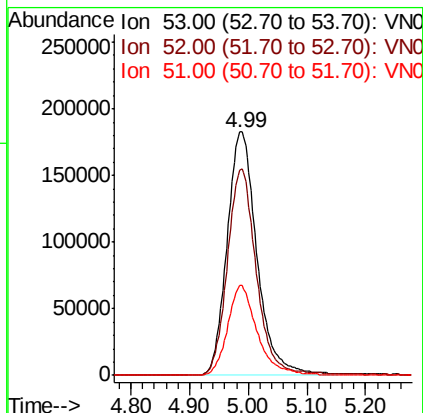
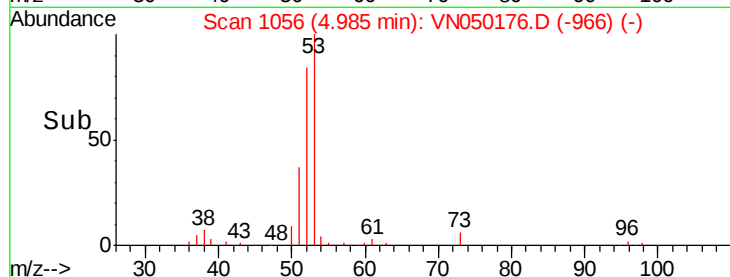
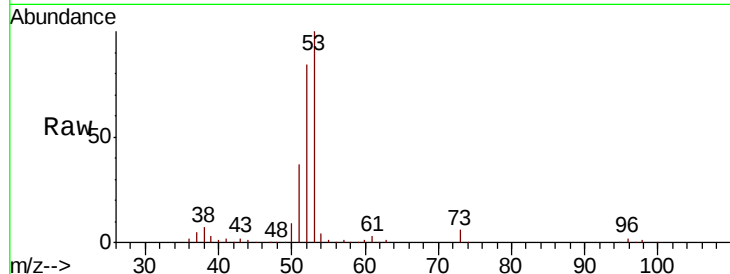
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	648788
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.2
51	36.6	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 252.10 ug/l

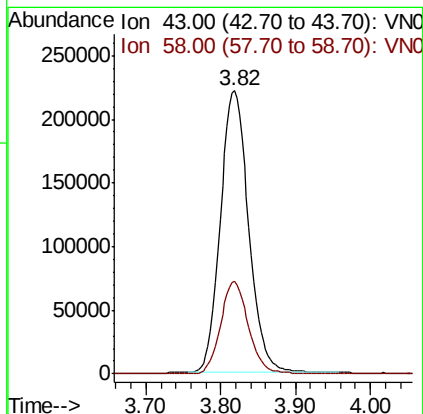
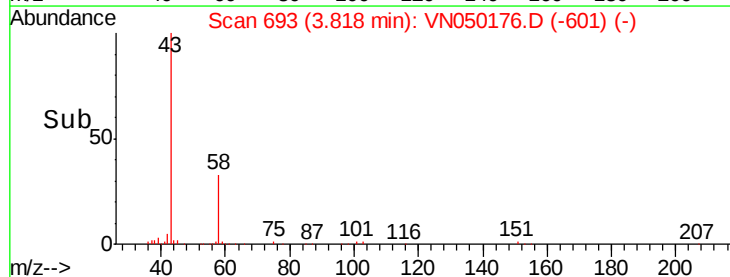
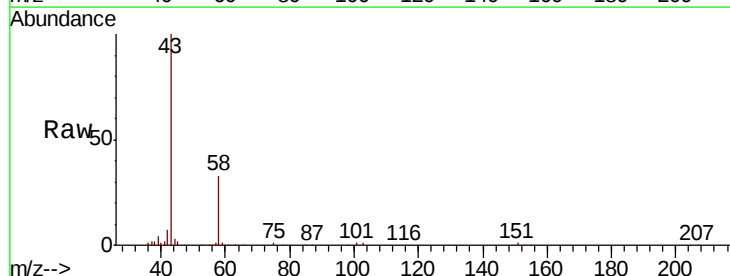
RT: 3.82 min Scan# 693

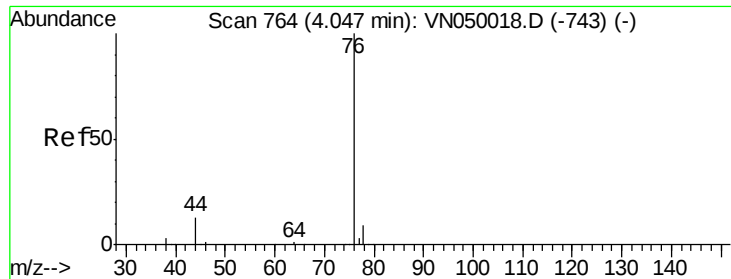
Delta R.T. -0.01 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Tgt Ion:	43	Resp:	579544
Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.8	38.8





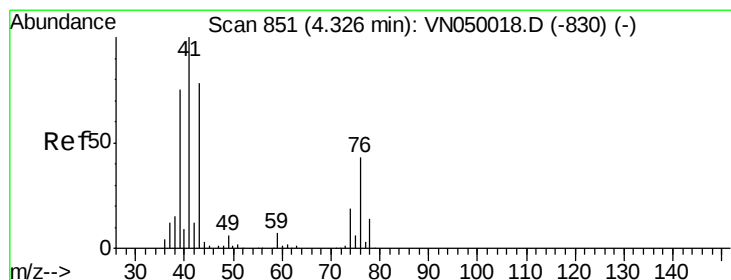
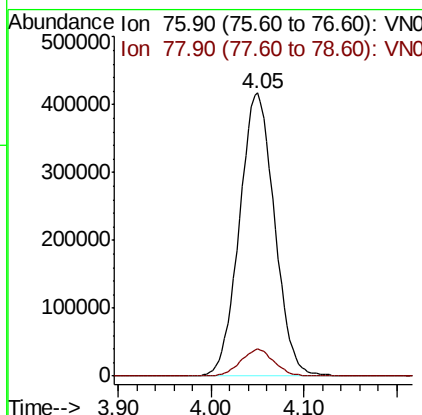
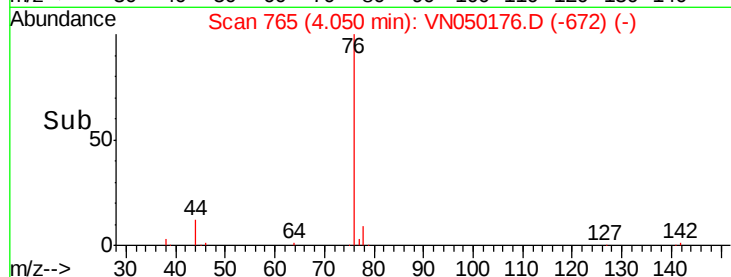
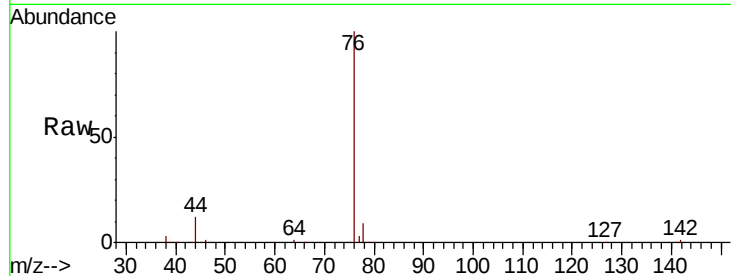
#17
Carbon Disulfide
Concen: 44.42 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1097230
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

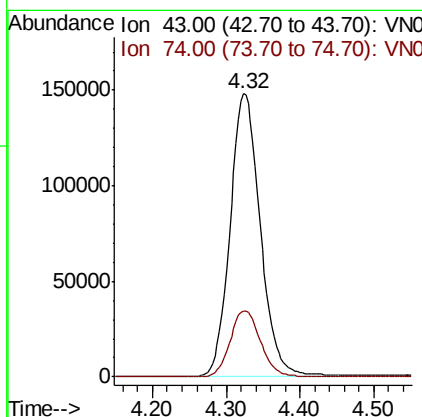
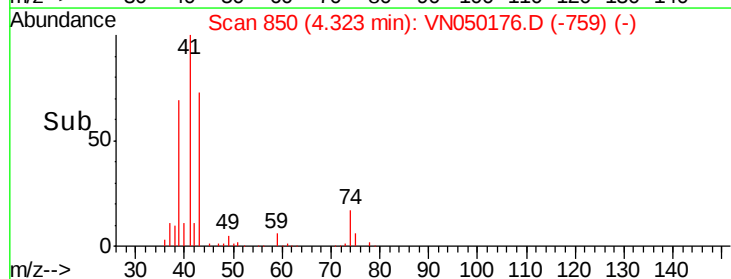
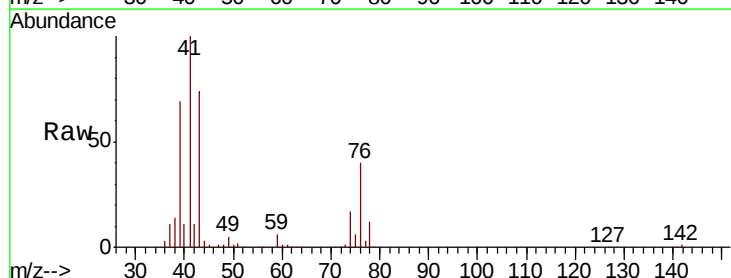
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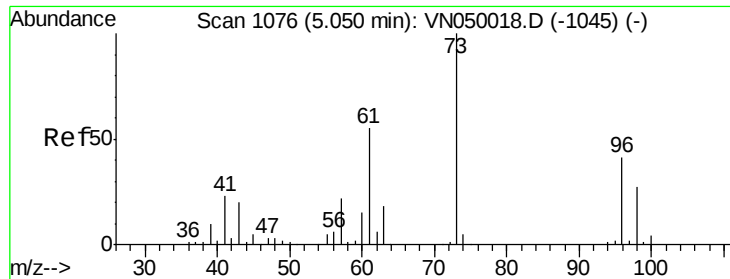
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#18
Methyl Acetate
Concen: 47.03 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.01 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion: 43 Resp: 421448
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8





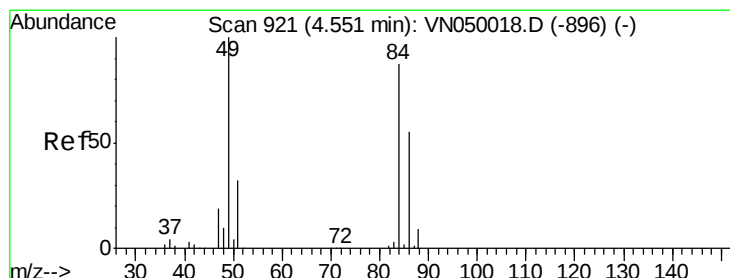
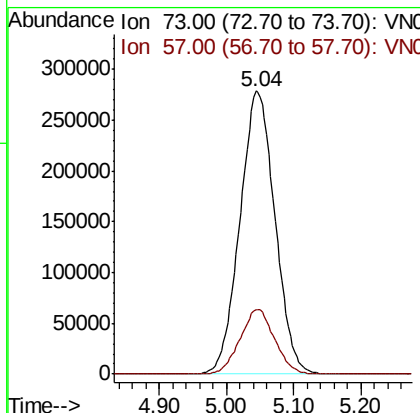
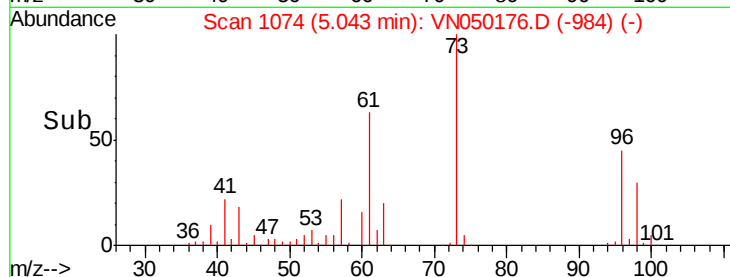
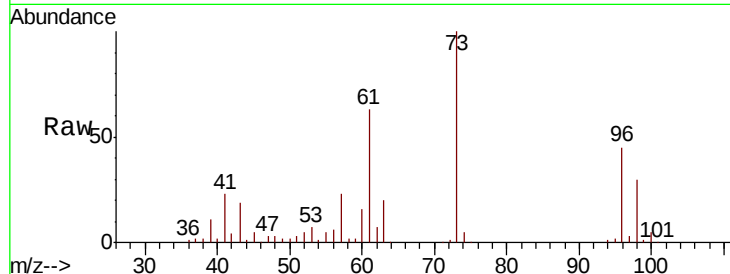
#19
Methyl tert-butyl Ether
Concen: 46.82 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1006084
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0

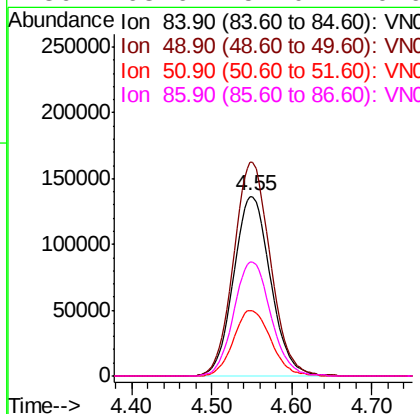
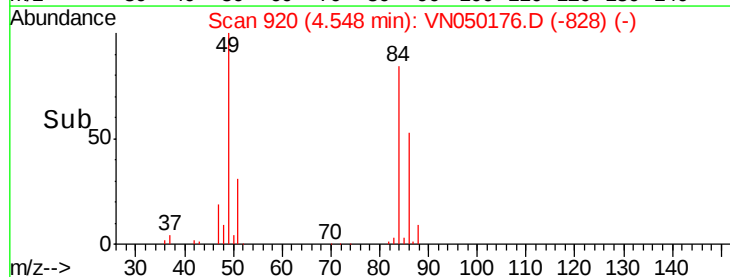
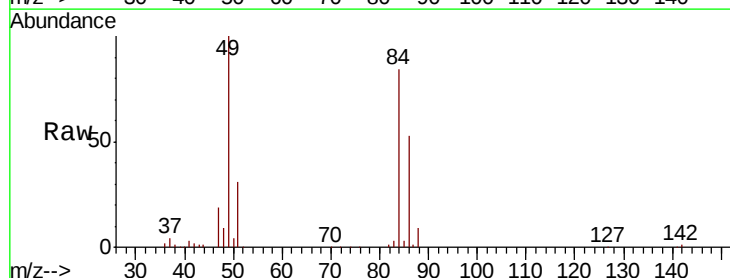
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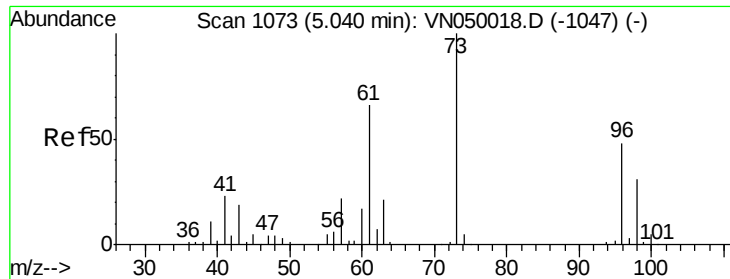
MMDadoda
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#20
Methylene Chloride
Concen: 49.34 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion: 84 Resp: 427190
Ion Ratio Lower Upper
84 100
49 118.9 94.8 142.2
51 36.6 28.3 42.5
86 63.6 51.0 76.6





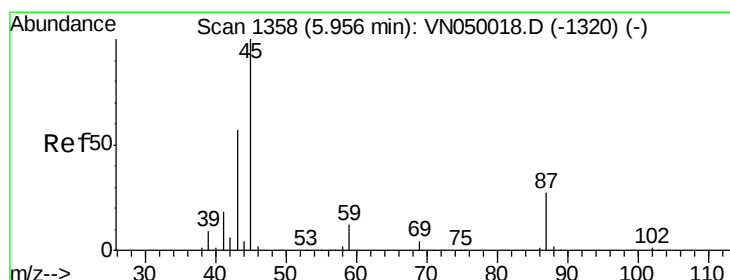
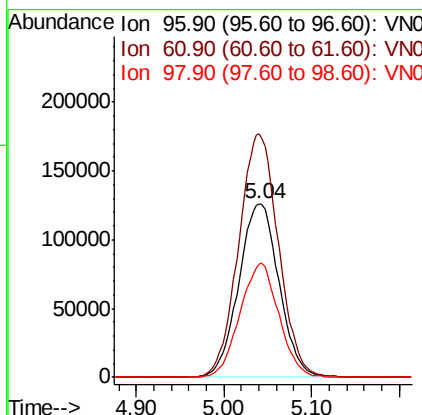
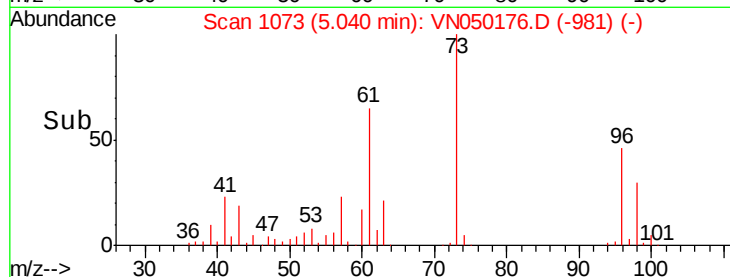
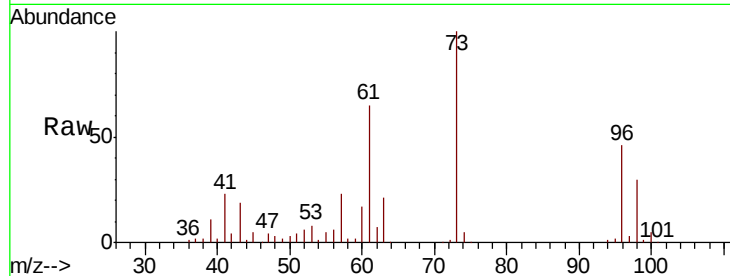
#21
trans-1,2-Dichloroethene
Concen: 47.05 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.3	110.7	166.1
98	65.4	51.6	77.4

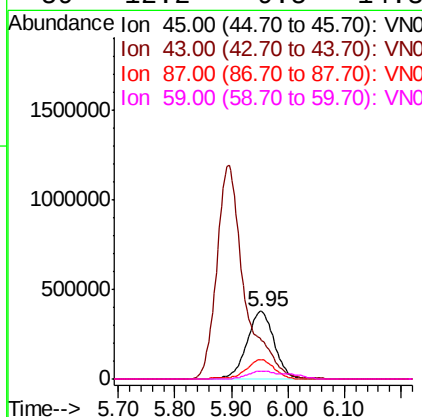
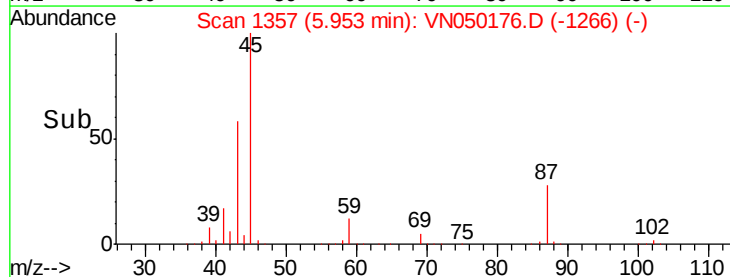
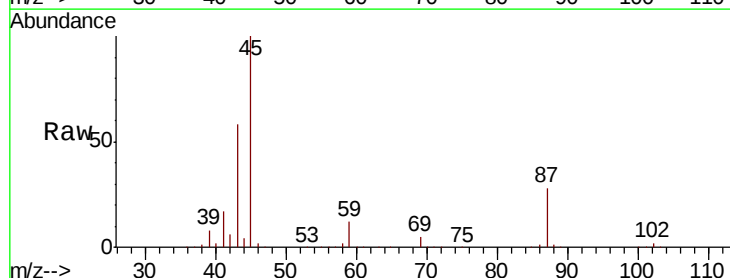
Manual Integrations
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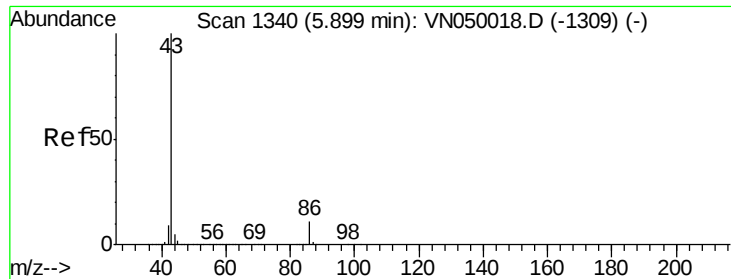
MMDadoda
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#22
Diisopropyl ether
Concen: 51.43 ug/l
RT: 5.95 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.7	68.5
87	28.3	22.7	34.1
59	12.2	9.5	14.3





#23

Vinyl Acetate

Concen: 232.03 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4065177

Ion Ratio Lower Upper

43 100

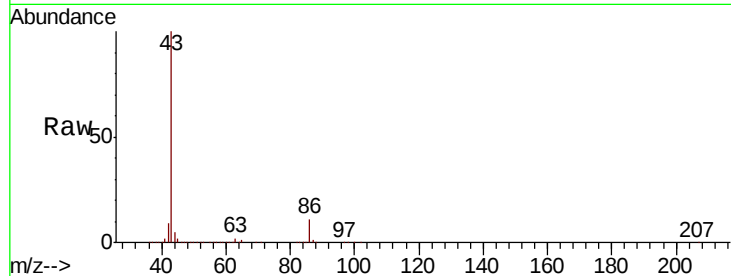
86 10.5 8.6 13.0

Manual Integrations

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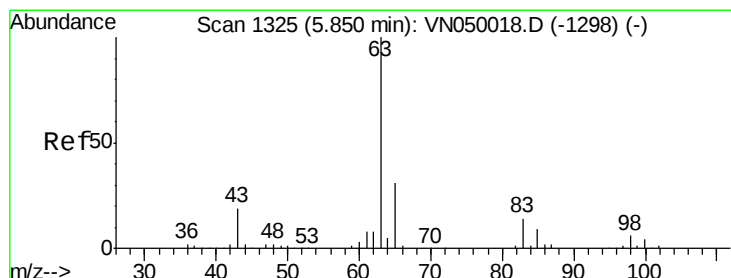
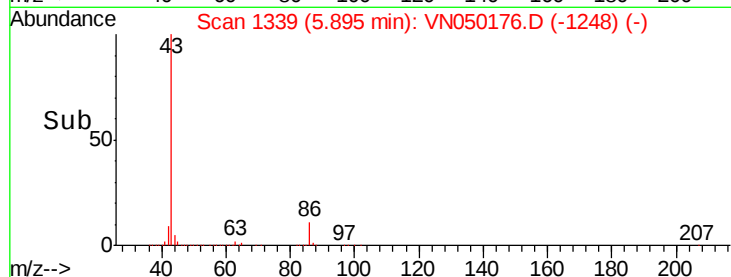
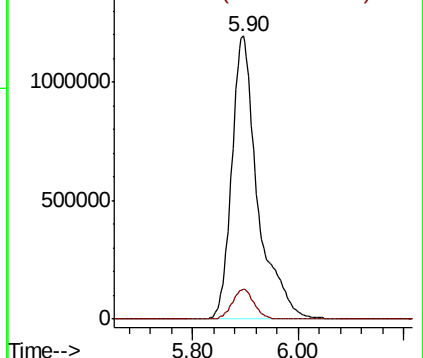
MMDadoda

7/31/2018 3:20:10 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.05 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

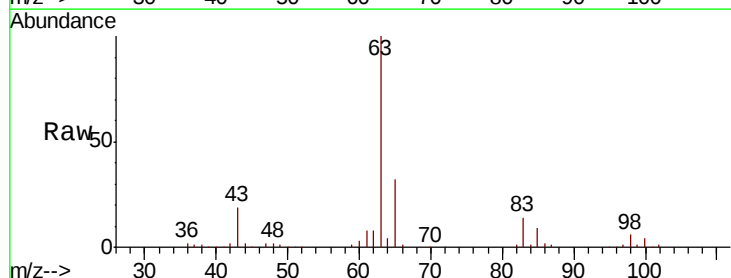
Tgt Ion: 63 Resp: 762727

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

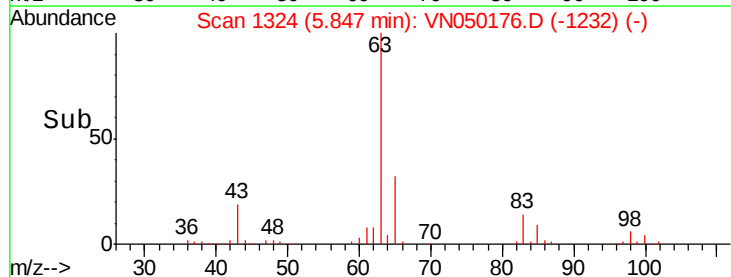
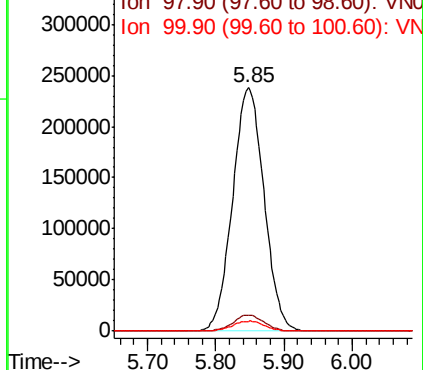
100 4.1 2.1 6.3

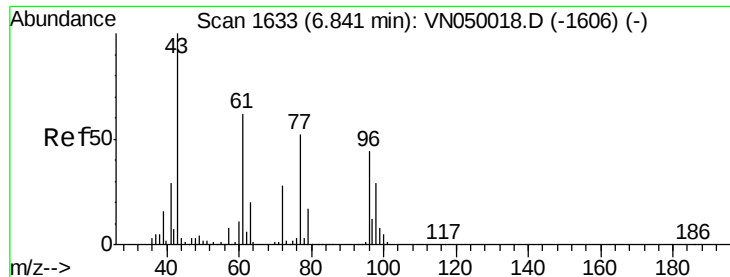


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 217.61 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.01 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 810197

Ion Ratio Lower Upper

43 100

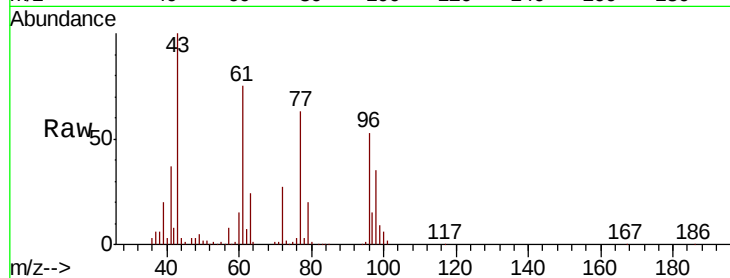
72 27.1 21.5 32.3

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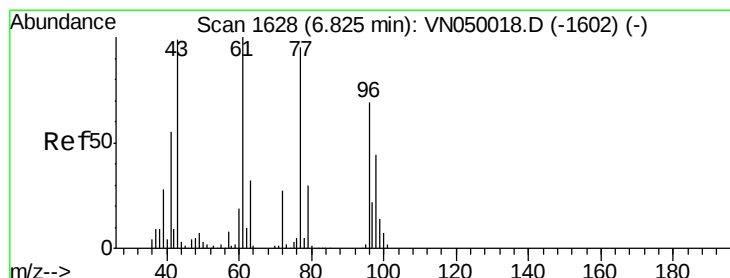
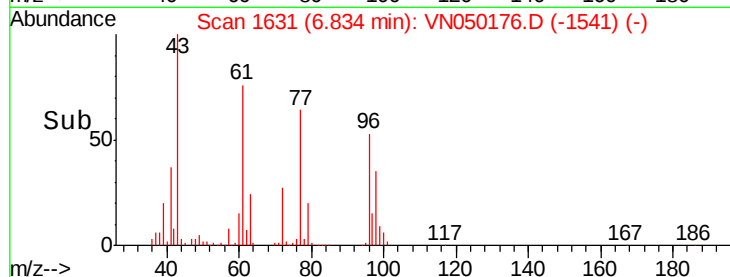
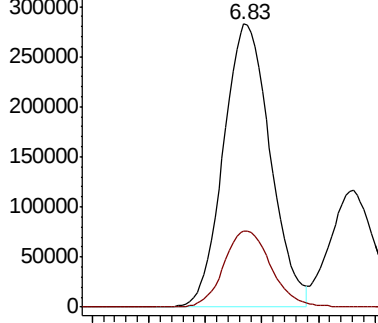
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 51.86 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN050176.D

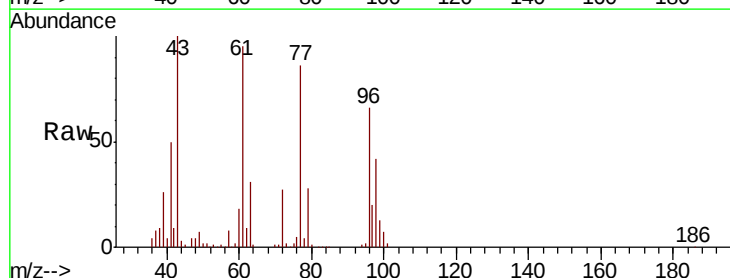
Acq: 30 Jul 2018 10:14

Tgt Ion: 77 Resp: 639531

Ion Ratio Lower Upper

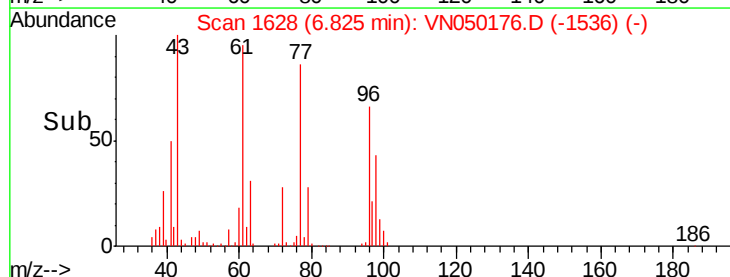
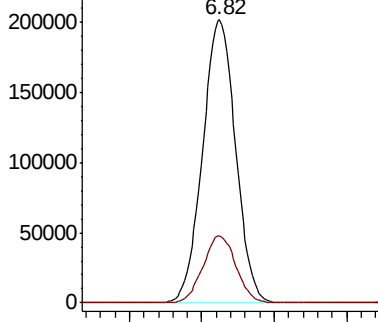
77 100

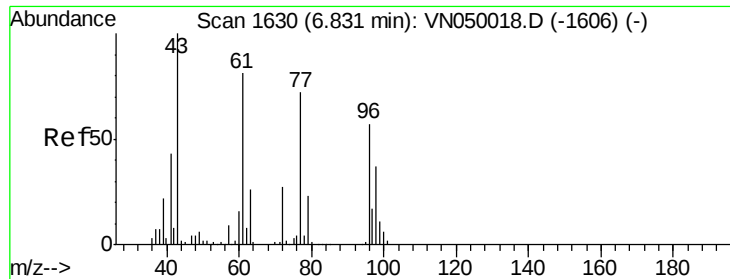
97 23.7 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





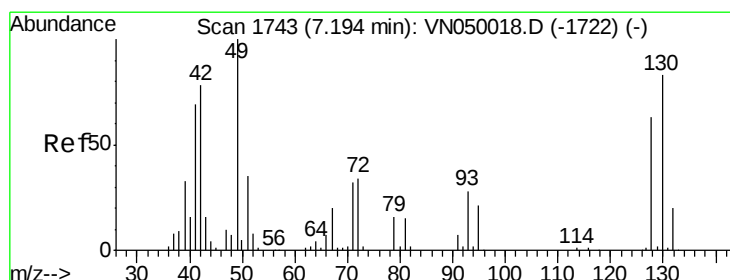
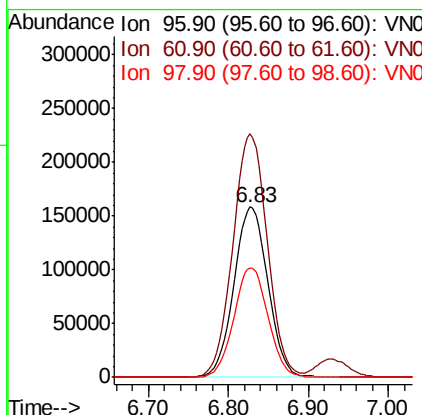
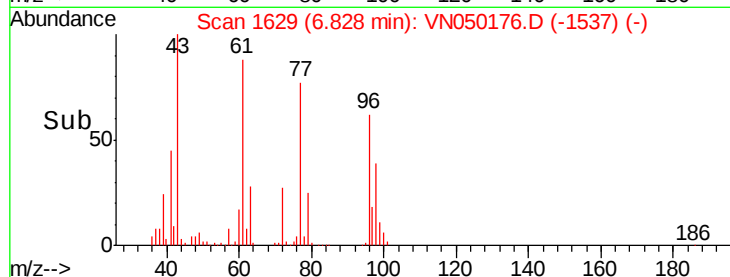
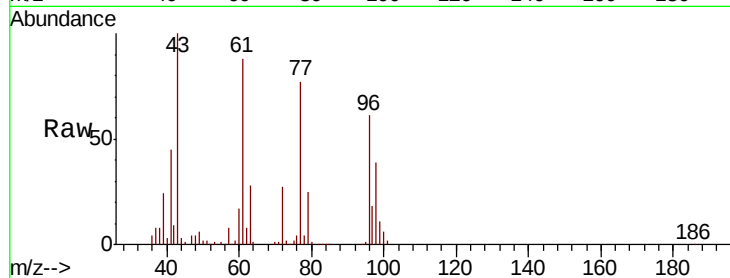
#27
 cis-1,2-Dichloroethene
 Concen: 49.46 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.9	0.0	285.0	
98	64.7	0.0	129.2	

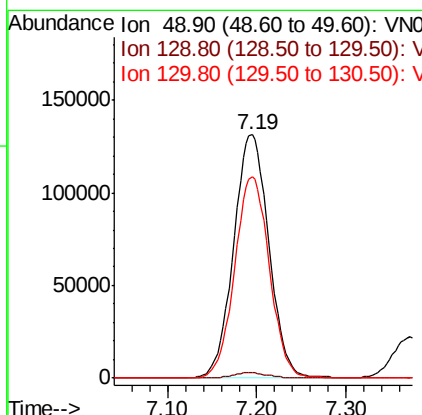
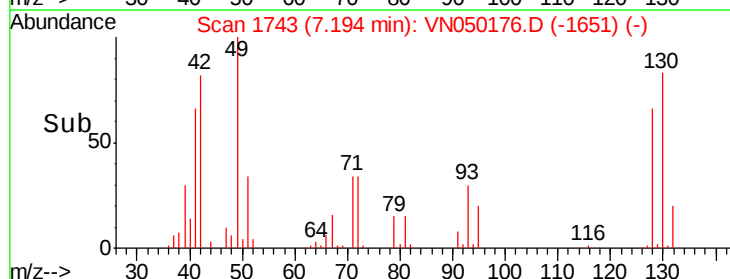
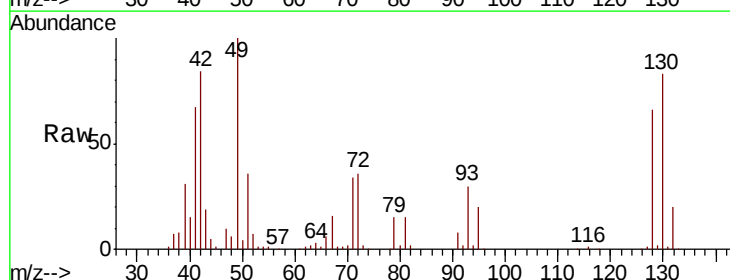
Manual Integrations
 APPROVED

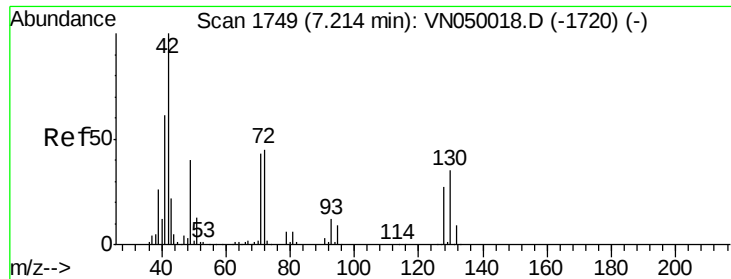
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 7/31/2018 3:20:10 PM



#28
 Bromochloromethane
 Concen: 48.76 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.0	
130	81.7	66.3	99.5	





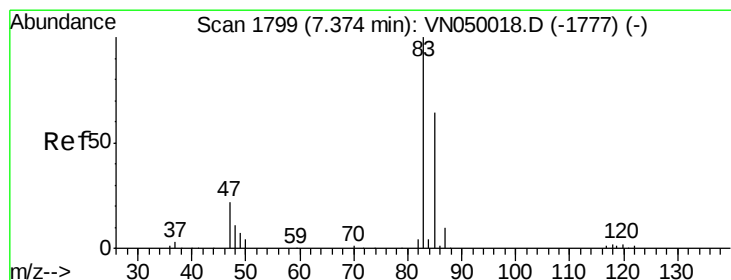
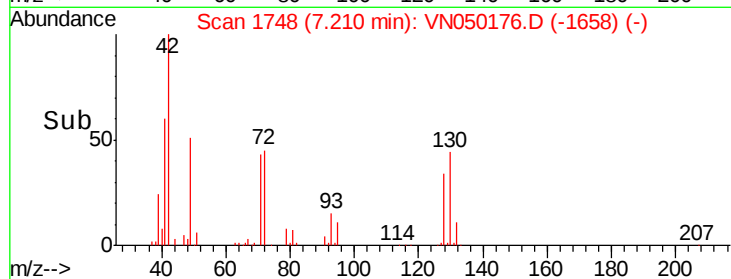
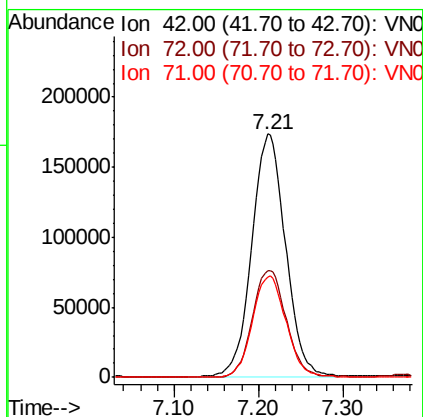
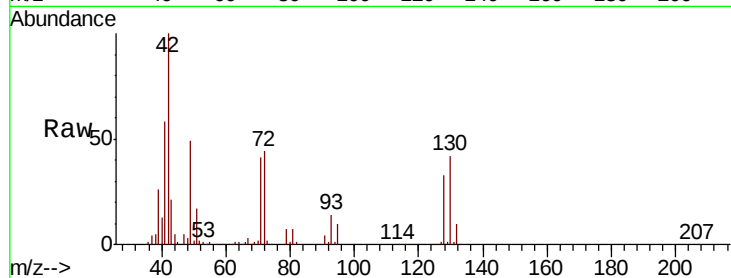
#29
Tetrahydrofuran
Concen: 200.82 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.9	53.9
71	41.7	33.7	50.5

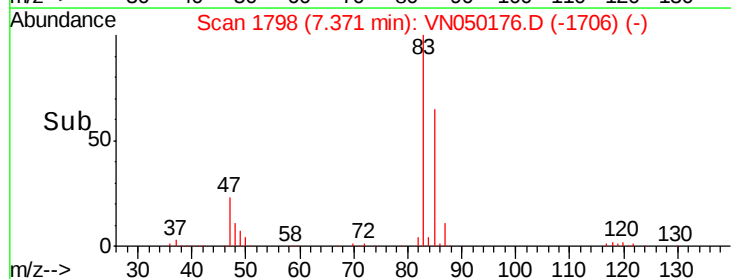
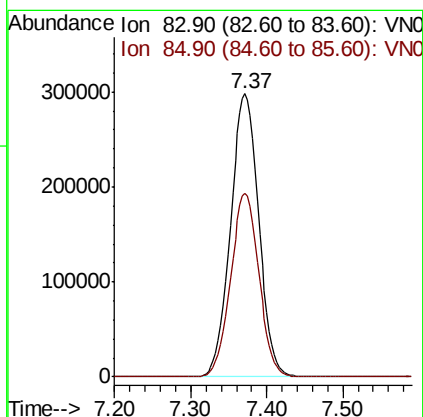
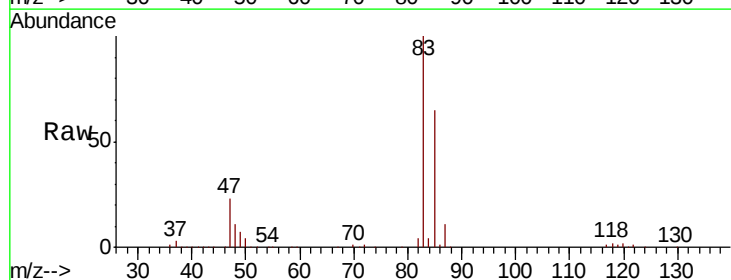
Manual Integrations
APPROVED

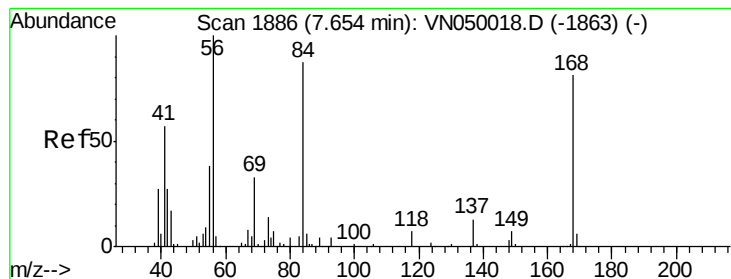
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#30
Chloroform
Concen: 46.40 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7





#31

Cyclohexane

Concen: 49.15 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

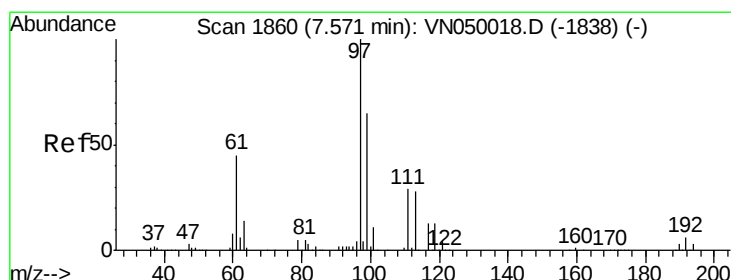
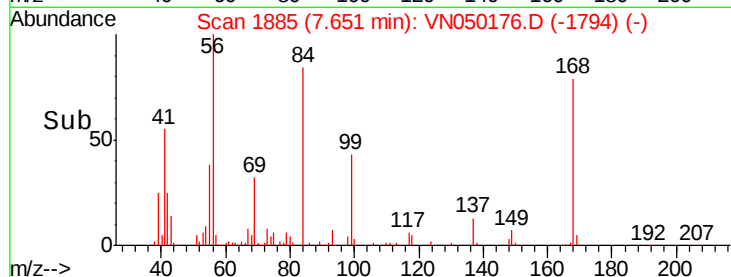
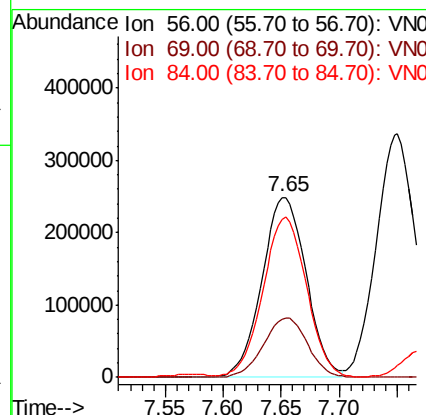
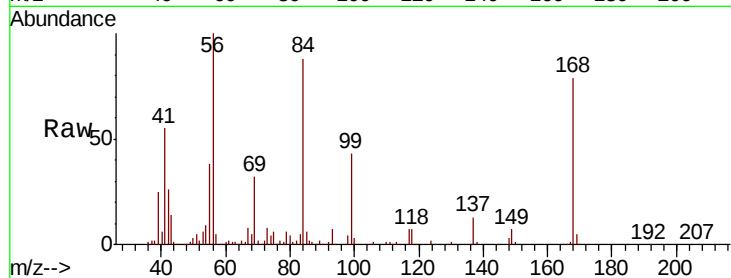
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	660845
Ion Ratio	Lower	Upper	
56	100		
69	32.2	26.2	39.4
84	86.2	67.4	101.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.66 ug/l

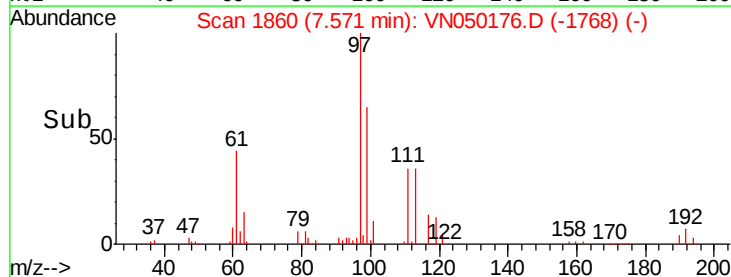
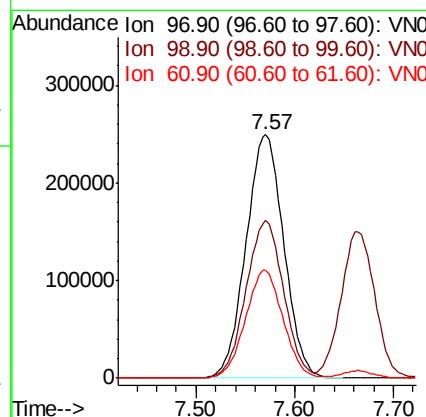
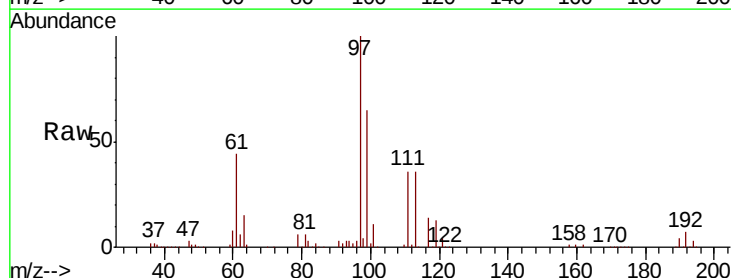
RT: 7.57 min Scan# 1860

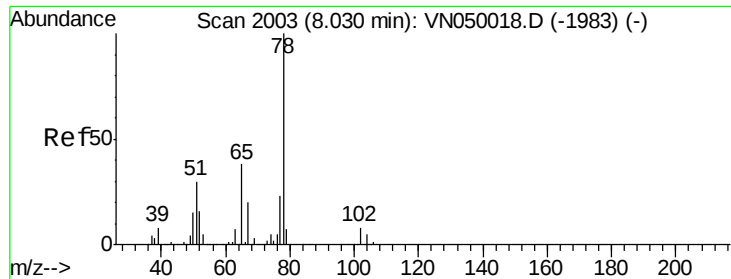
Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Tgt Ion:	97	Resp:	660304
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.4	77.0
61	44.0	35.4	53.0





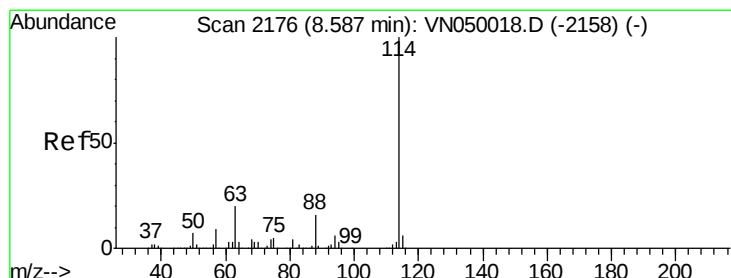
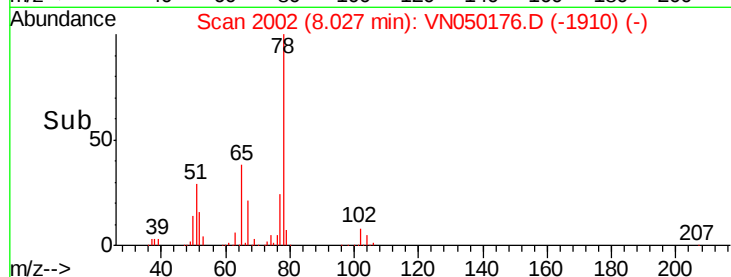
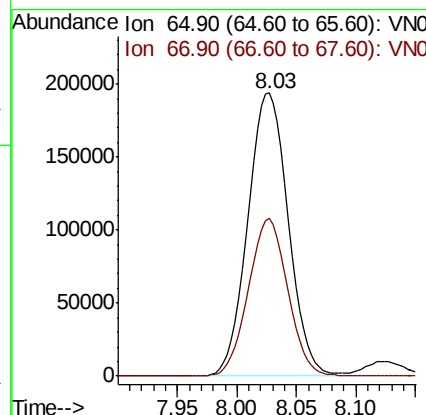
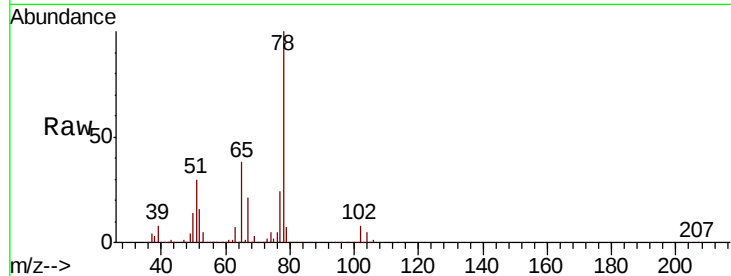
#33
 1,2-Dichloroethane-d4
 Concen: 46.78 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	456651		
67	54.5	0.0	108.4	

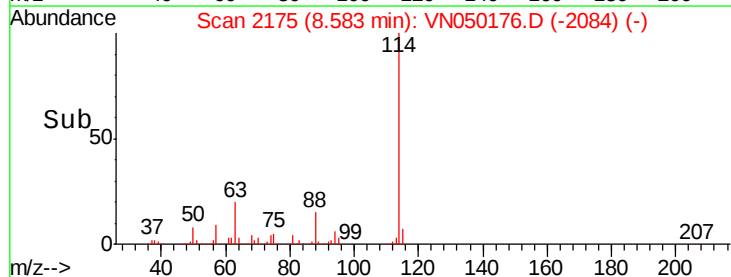
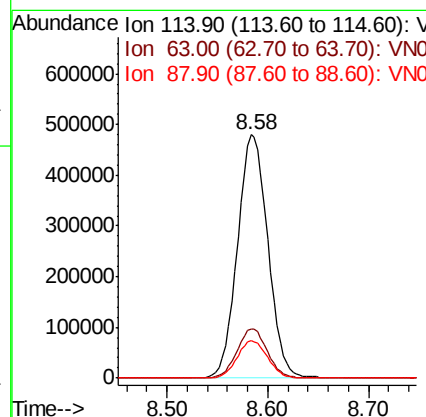
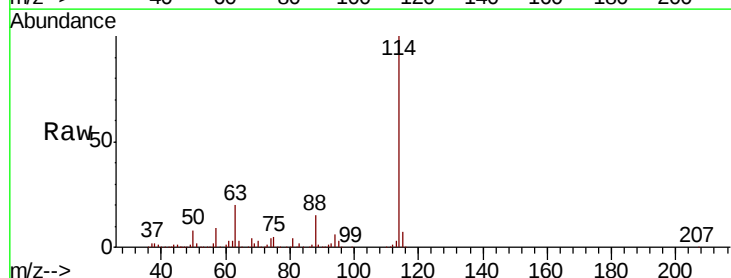
Manual Integrations
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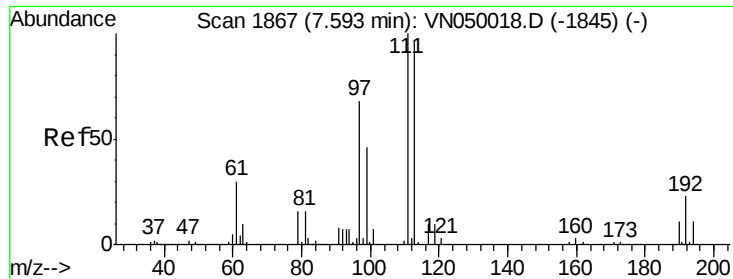
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1003953		
63	20.3	0.0	40.0	
88	15.2	0.0	31.2	





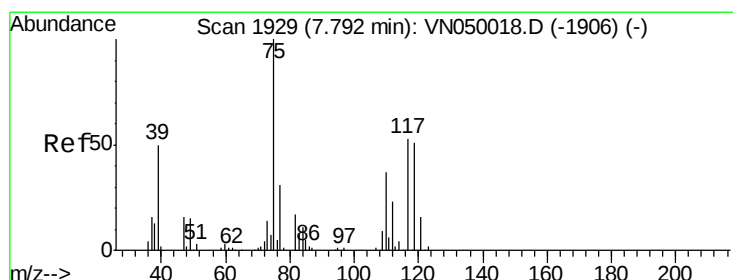
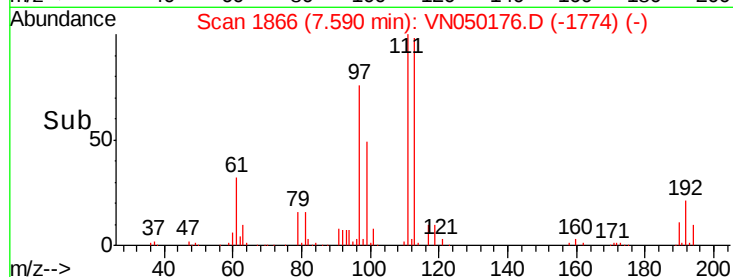
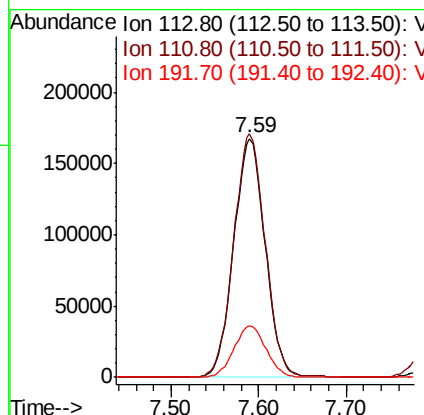
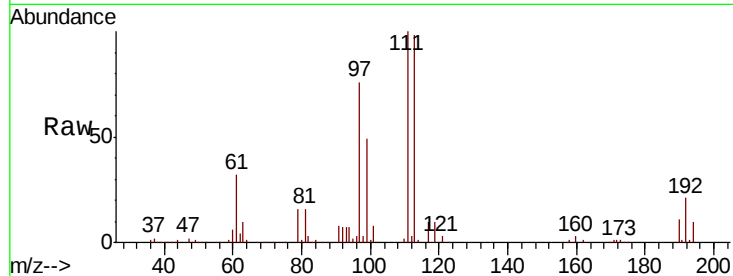
#35
Dibromofluoromethane
Concen: 51.10 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.1	80.7	121.1	
192	21.8	17.8	26.6	

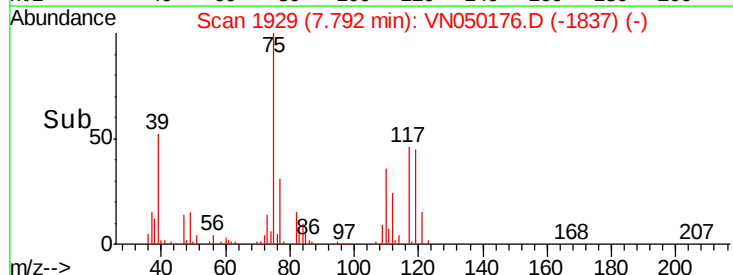
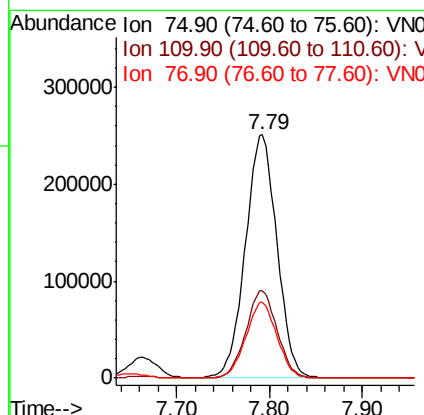
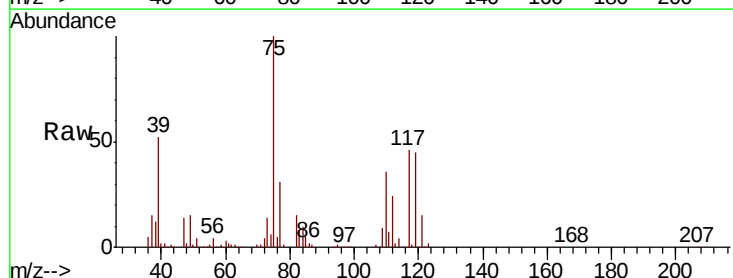
Manual Integrations
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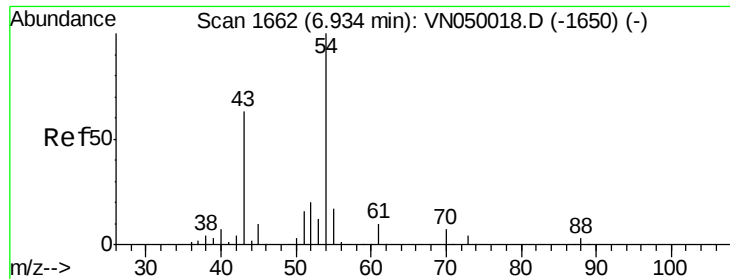
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#36
1,1-Dichloropropene
Concen: 52.44 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.6	18.4	55.2	
77	31.0	25.3	37.9	





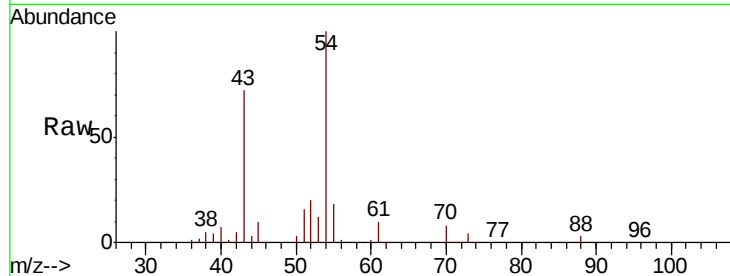
#37
Ethyl Acetate
Concen: 41.21 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

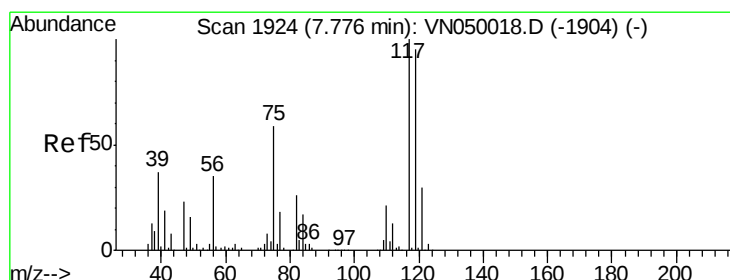
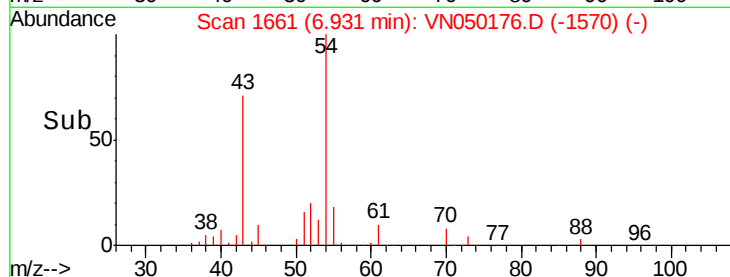
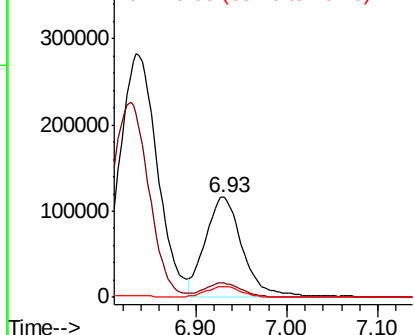
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.8	17.8
70	10.5	8.4	12.6

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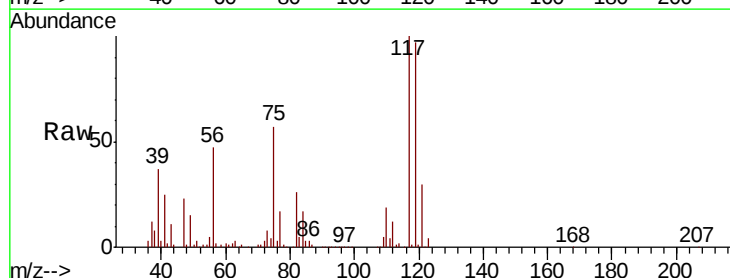


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

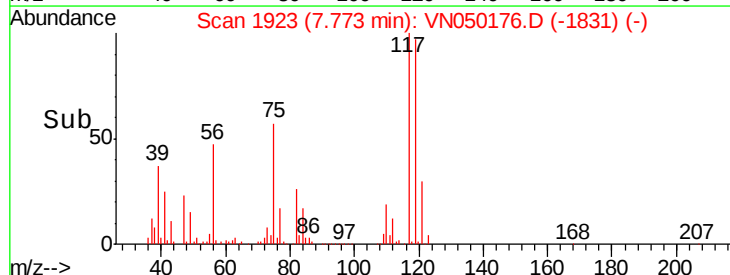
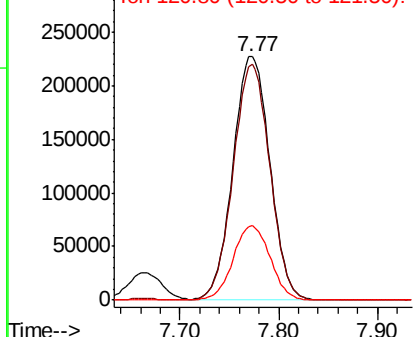


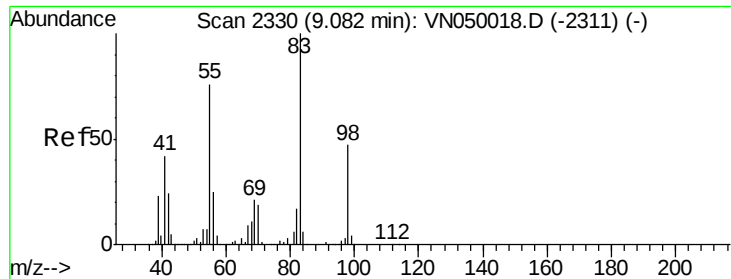
#38
Carbon Tetrachloride
Concen: 49.36 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
121	30.5	23.9	35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





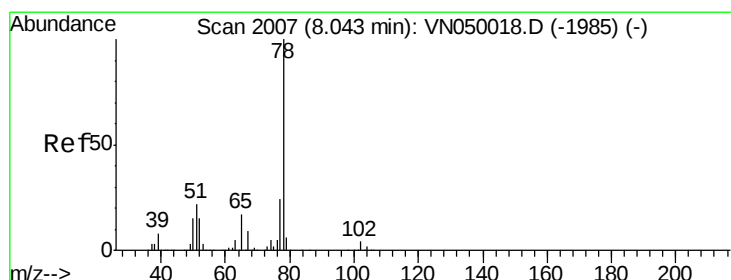
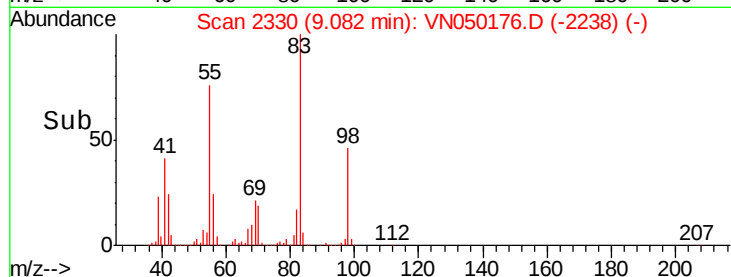
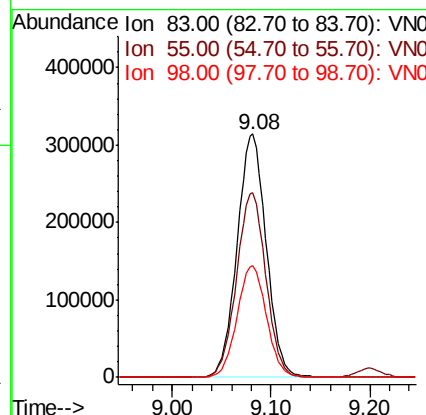
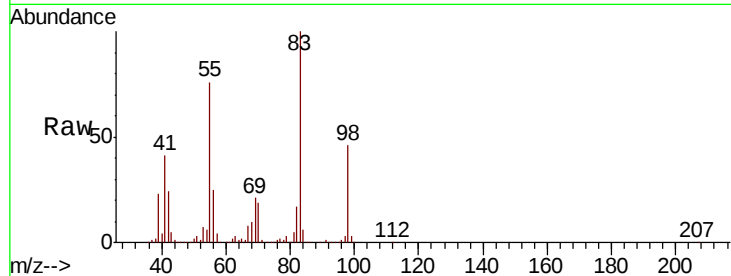
#39
Methvlcvclohexane
Concen: 55.55 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.8	92.8
98	45.9	36.5	54.7

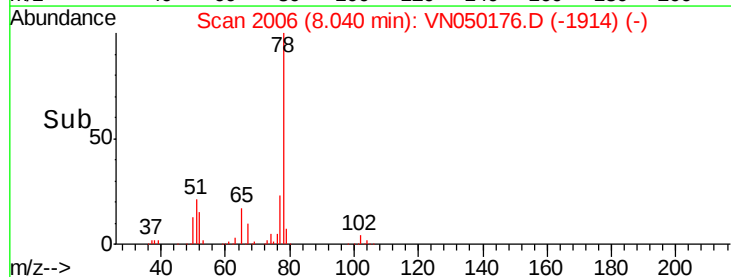
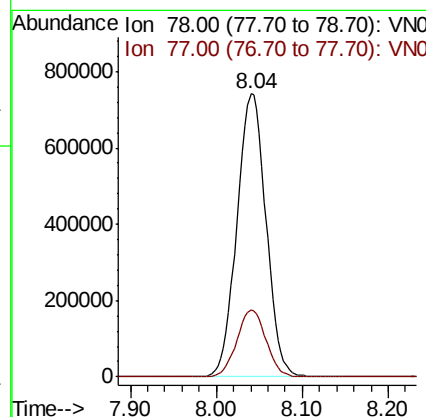
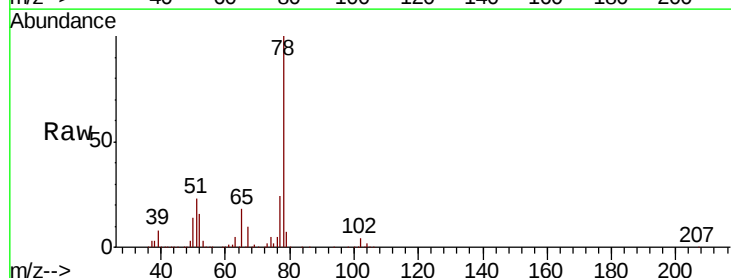
Manual Integrations
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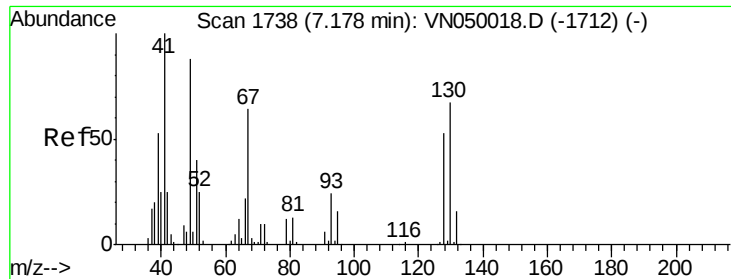
MMDadoda
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#40
Benzene
Concen: 50.65 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





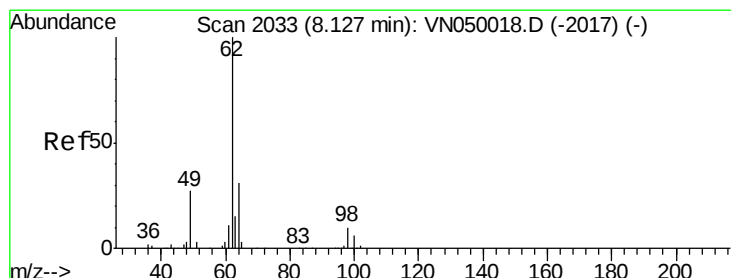
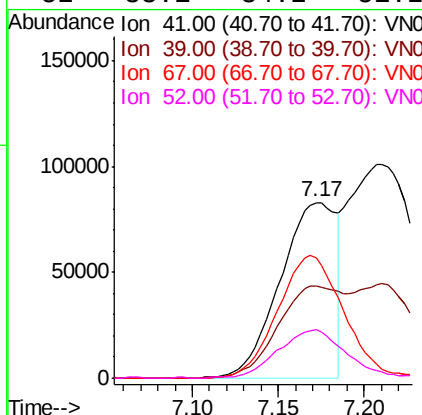
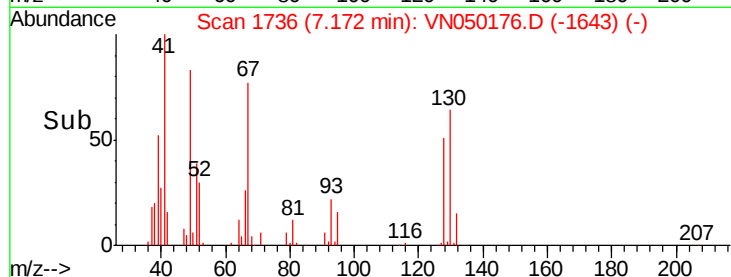
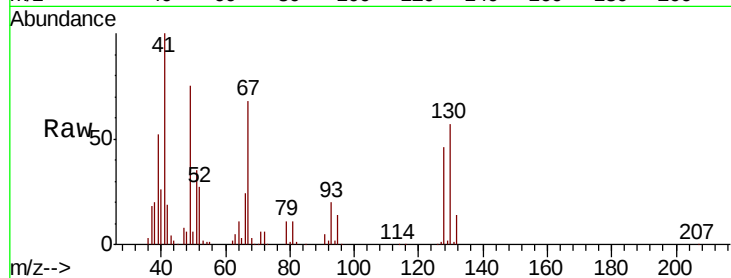
#41
Methacrylonitrile
Concen: 46.14 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.5	55.8	83.6
67	82.5	84.3	126.5#
52	33.1	34.2	51.2#

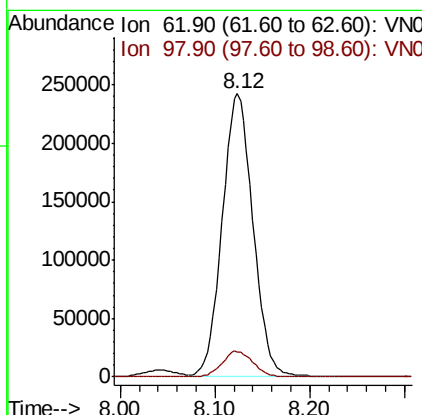
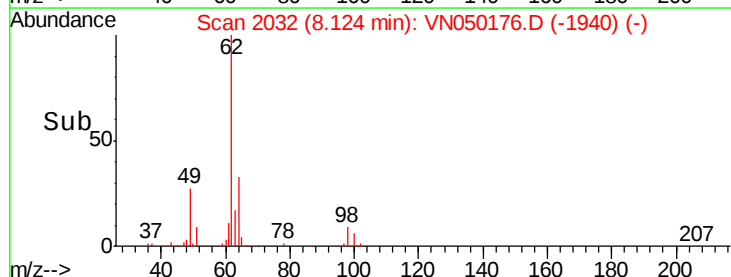
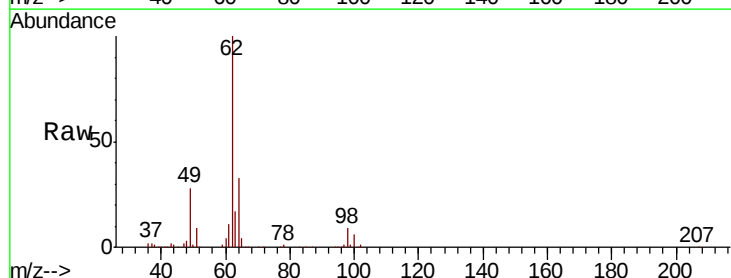
Manual Integrations
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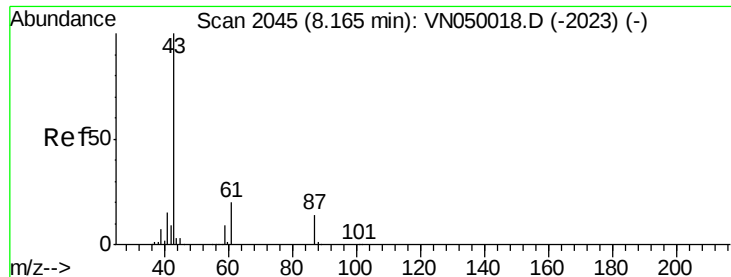
MMDadoda
7/31/2018 3:20:10 PM



#42
1,2-Dichloroethane
Concen: 47.54 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8





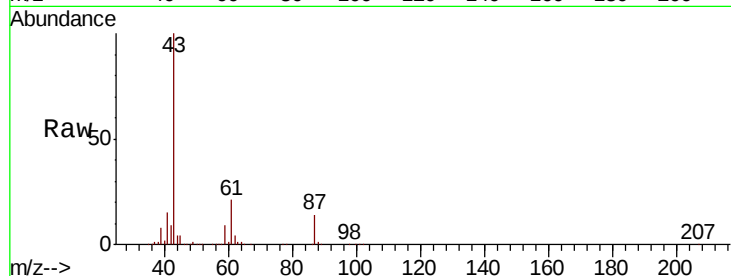
#43
Isopropyl Acetate
Concen: 42.04 ug/l
RT: 8.16 min Scan# 2044
Delta R.T. -0.01 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

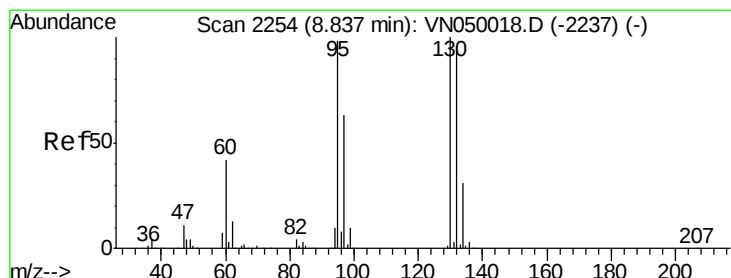
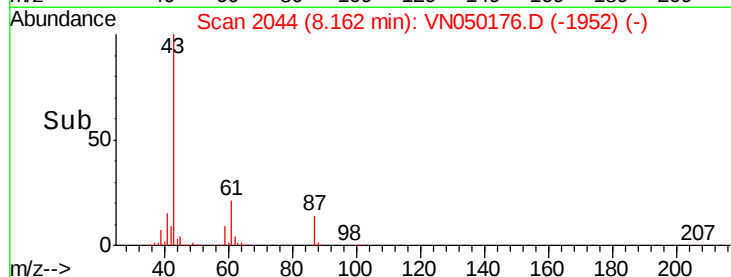
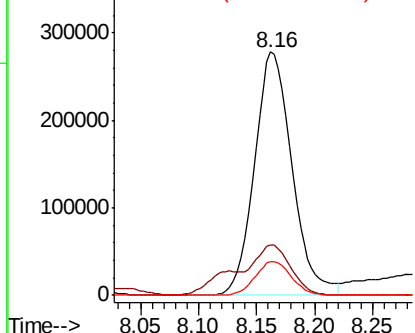
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.8	23.6
87	13.5	10.3	15.5

Manual Integrations
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MMDadoda
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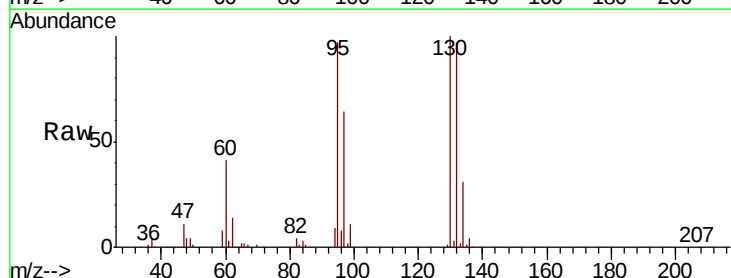


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

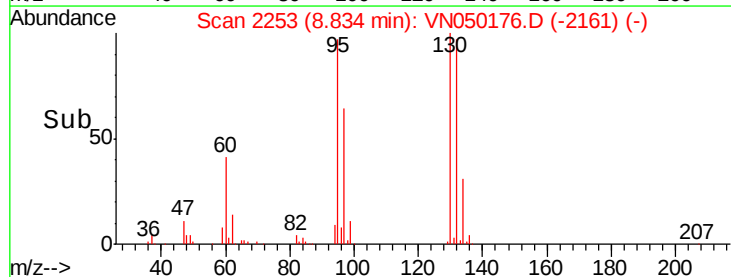
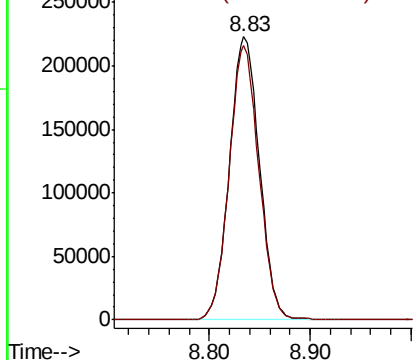


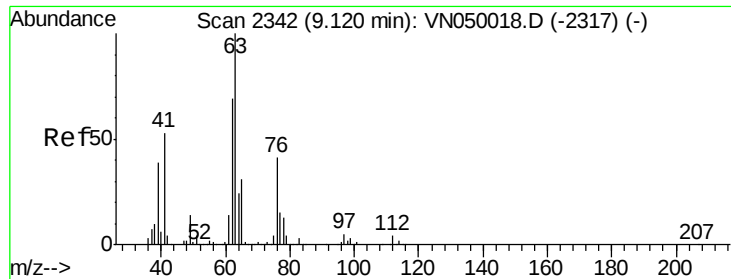
#44
Trichloroethene
Concen: 49.95 ug/l
RT: 8.83 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	194.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





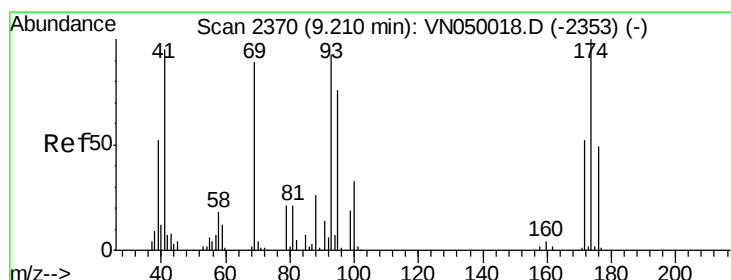
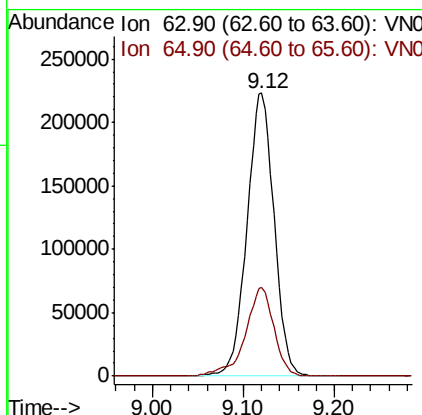
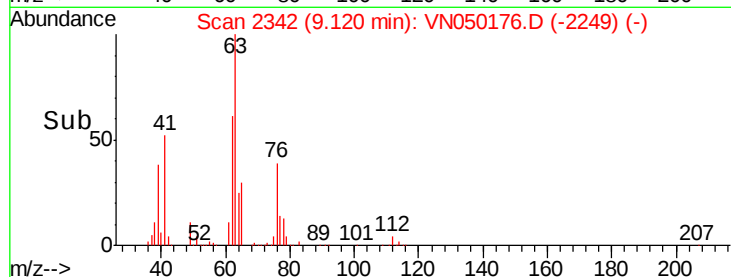
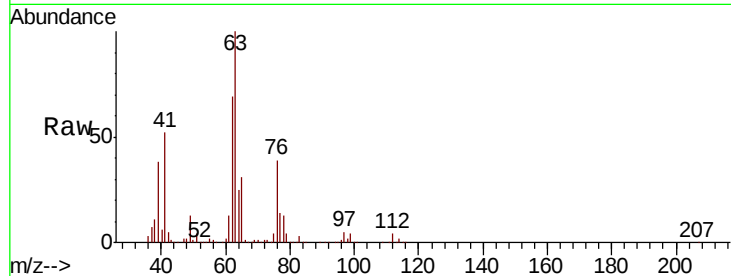
#45
 1,2-Dichloropropane
 Concen: 50.61 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.5	38.3

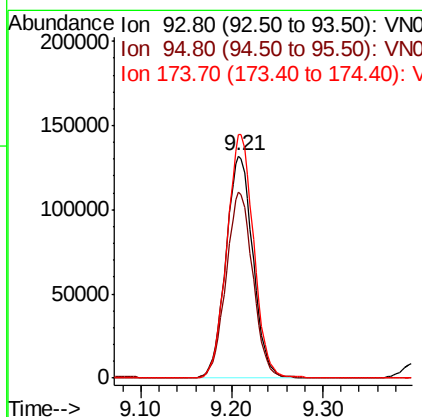
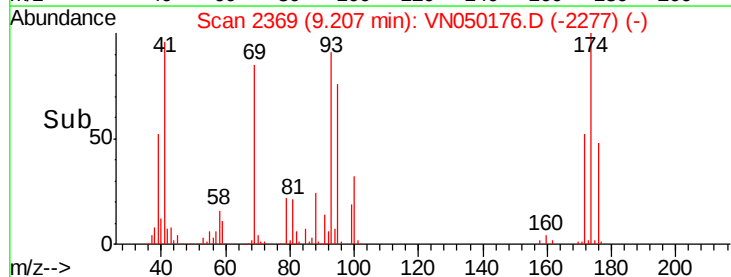
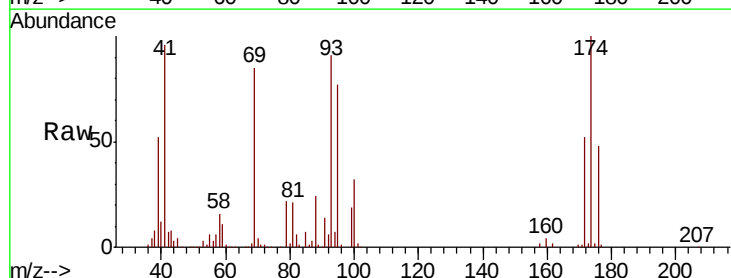
Manual Integrations
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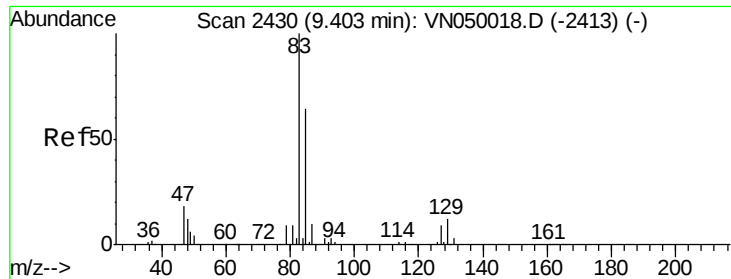
MMDadoda
 7/31/2018 3:20:10 PM



#46
 Dibromomethane
 Concen: 48.16 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.6	100.0
174	108.3	87.1	130.7





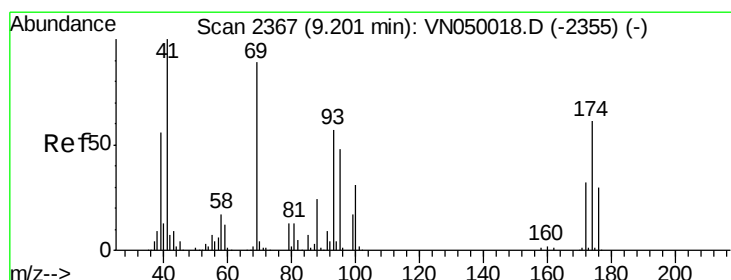
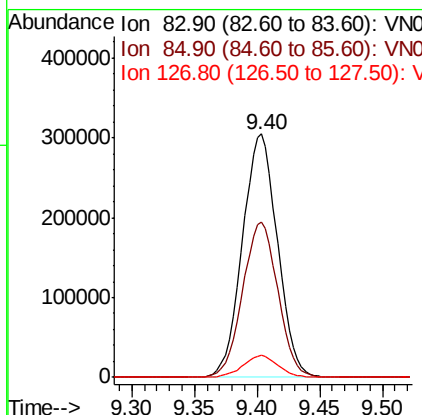
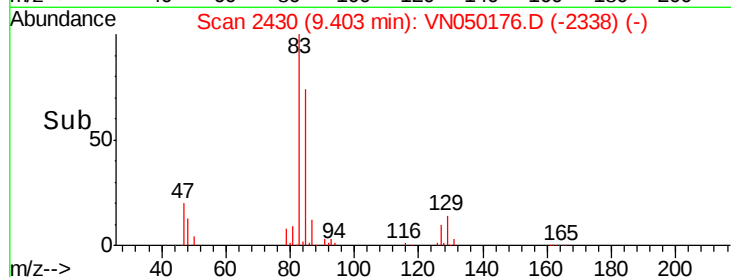
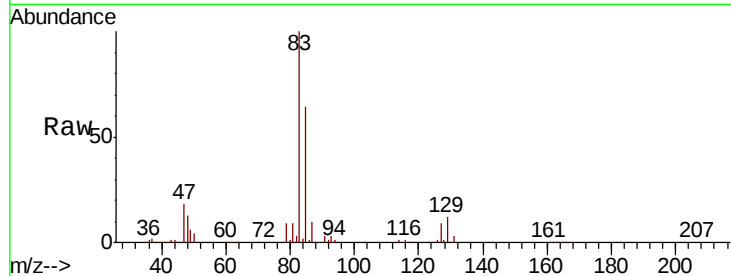
#47
Bromodichloromethane
Concen: 49.68 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	593557		
85	63.7		51.1	76.7
127	8.9		7.0	10.4

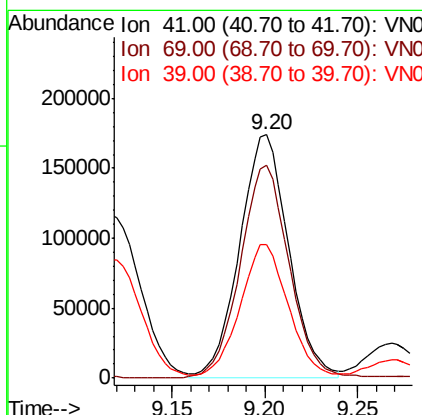
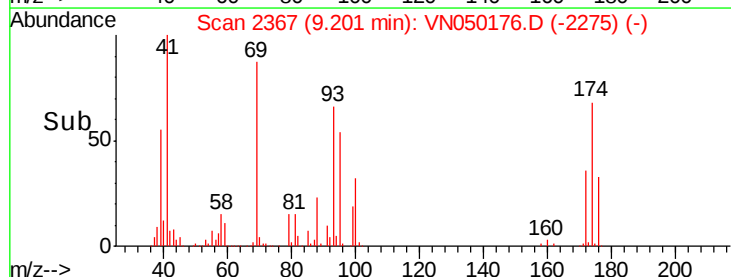
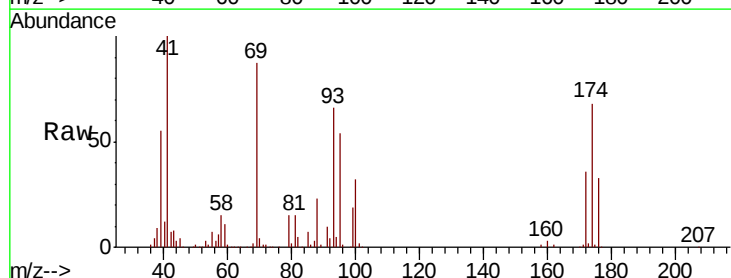
Manual Integrations
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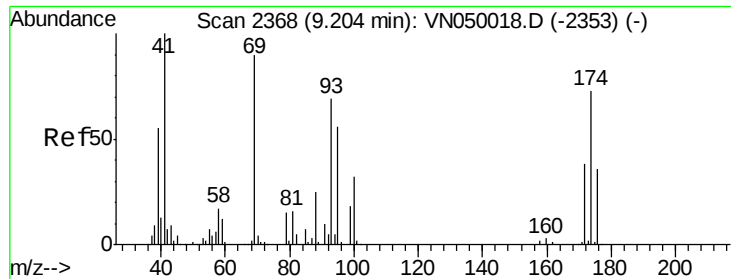
MMDadoda
7/31/2018 3:20:10 PM



#48
Methyl methacrylate
Concen: 46.88 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	318395		
69	87.8		70.6	105.8
39	54.2		43.9	65.9





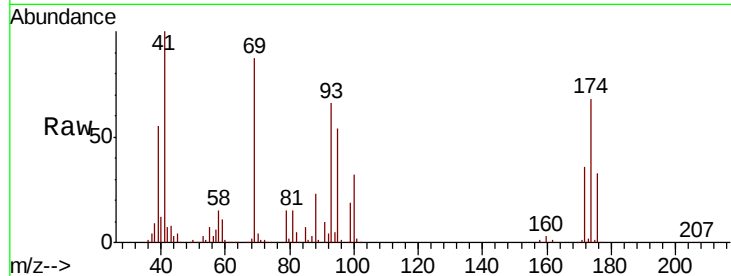
#49
1,4-Dioxane
Concen: 858.53 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	26.9	40.3
58	68.2	57.3	85.9

Manual Integrations
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MMDadoda
7/31/2018 3:20:10 PM

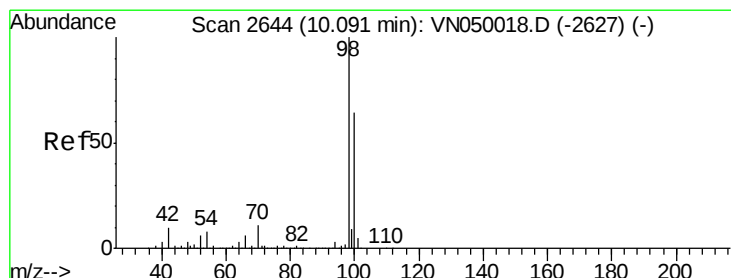
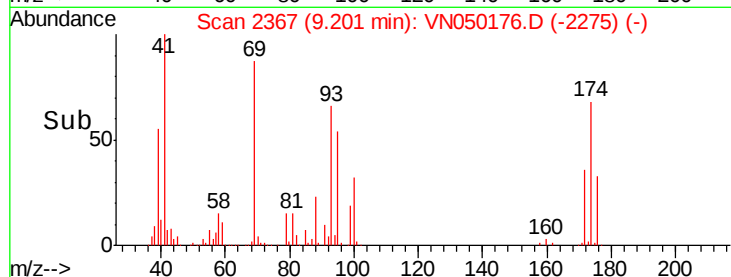
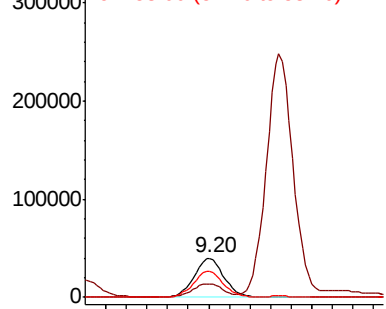


Abundance

Ion 88.00 (87.70 to 88.70): VN0

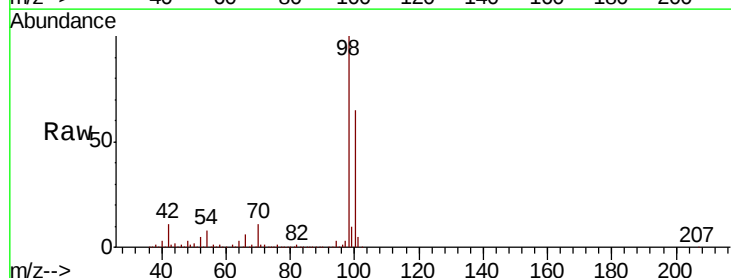
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 52.27 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

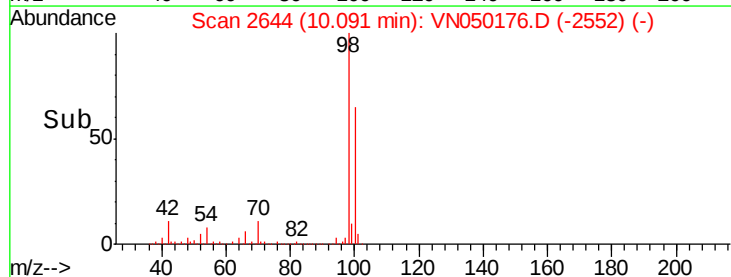
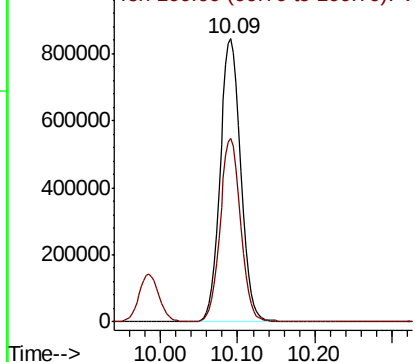
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.7	76.1

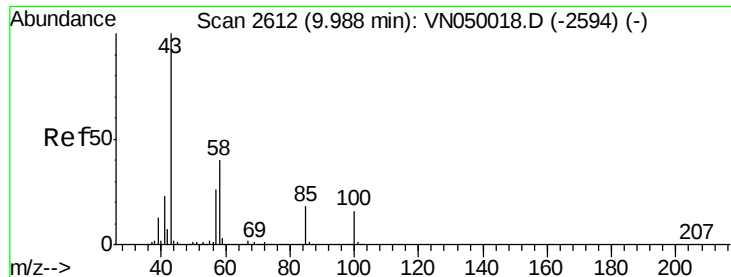


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





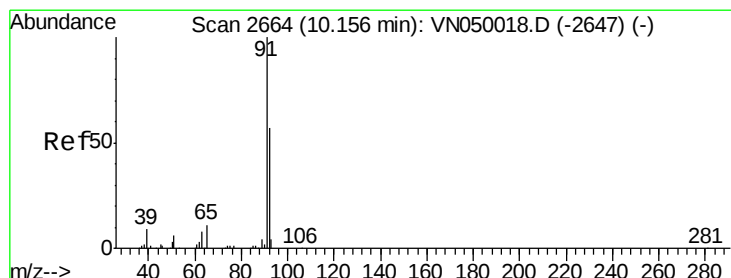
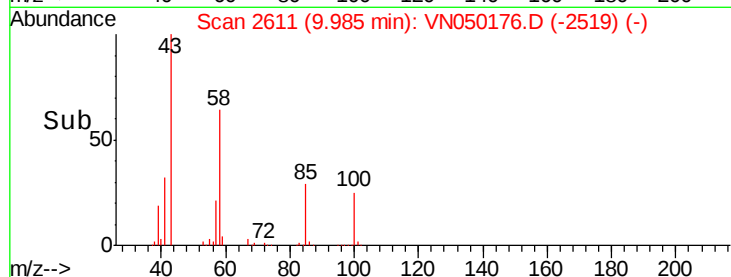
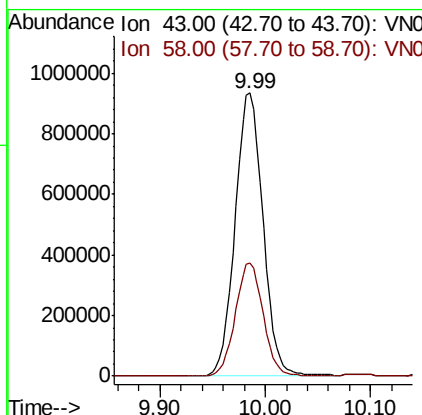
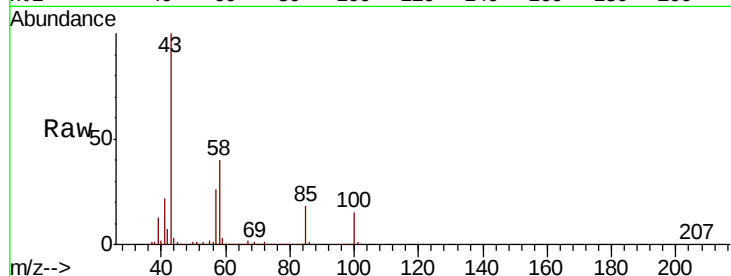
#51
4-Methyl-2-Pentanone
Concen: 220.70 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1710927
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9

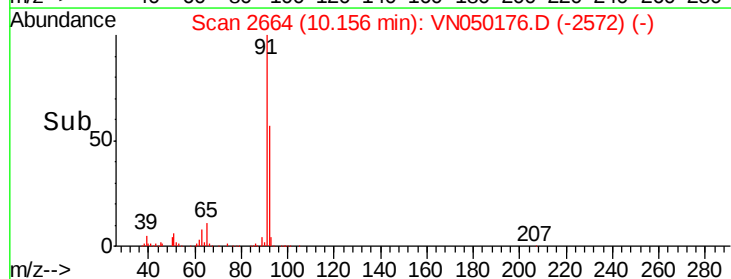
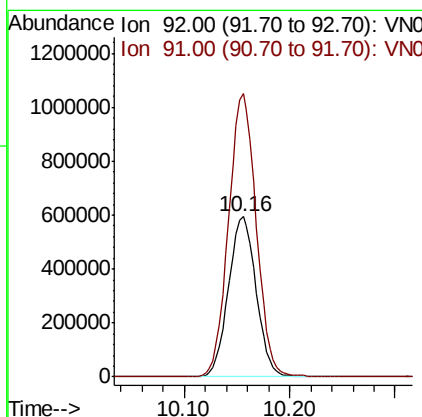
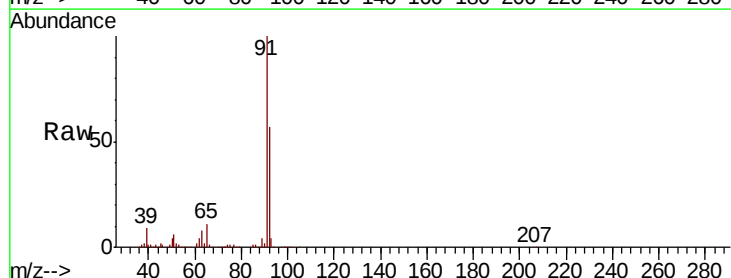
Manual Integrations
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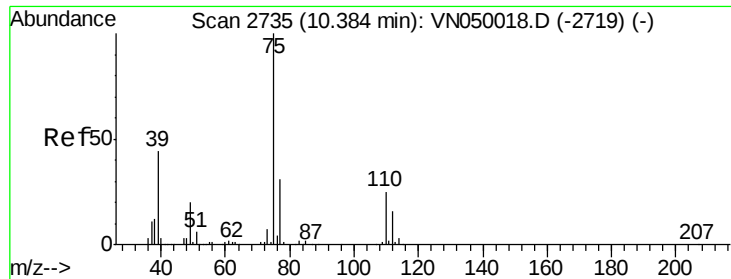
MMDadoda
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#52
Toluene
Concen: 53.20 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion: 92 Resp: 1080779
Ion Ratio Lower Upper
92 100
91 176.6 140.3 210.5





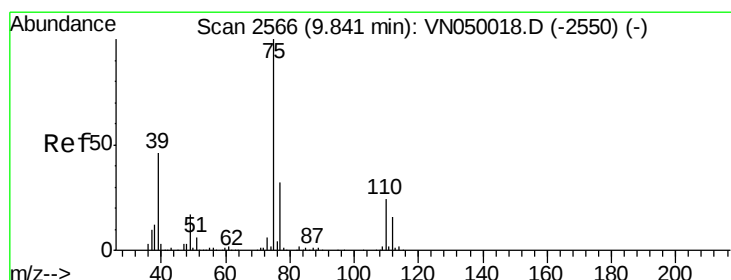
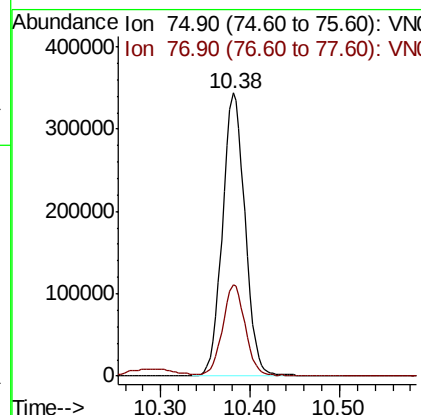
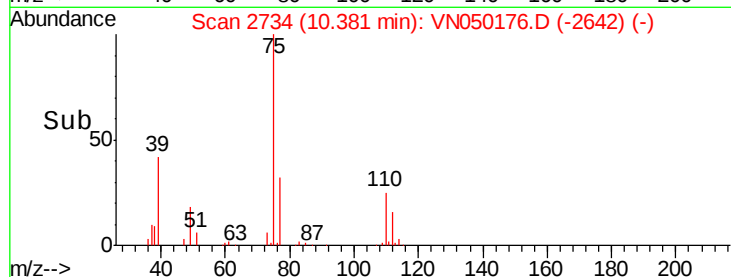
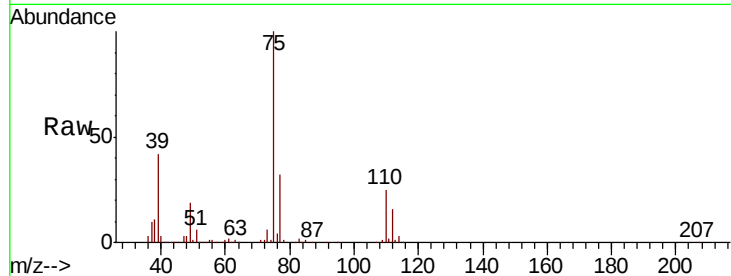
#53
t-1,3-Dichloropropene
Concen: 53.50 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.9	37.3

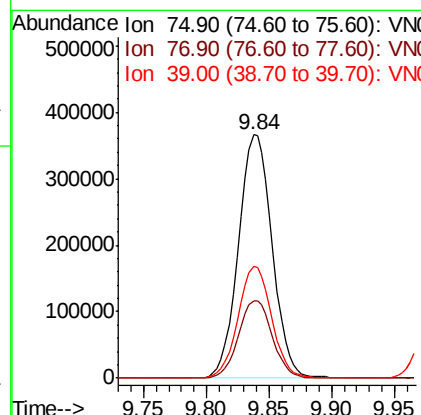
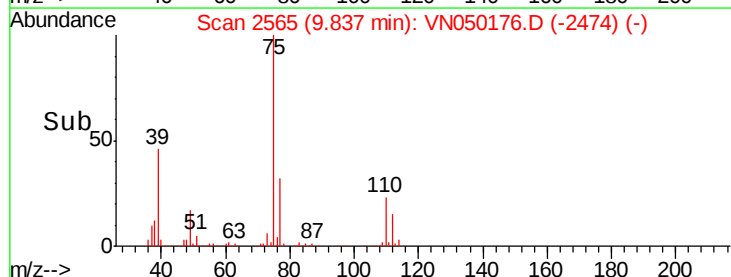
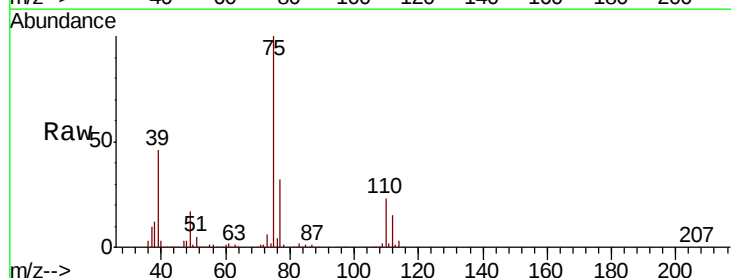
Manual Integrations
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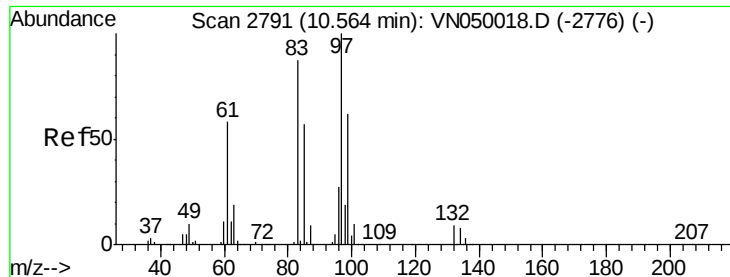
MMDadoda
7/31/2018 3:20:10 PM



#54
cis-1,3-Dichloropropene
Concen: 53.06 ug/l
RT: 9.84 min Scan# 2565
Delta R.T. -0.01 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3
39	45.8	36.6	55.0





#55

1,1,2-Trichloroethane

Concen: 47.84 ug/l

RT: 10.56 min Scan# 2790

Delta R.T. -0.01 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

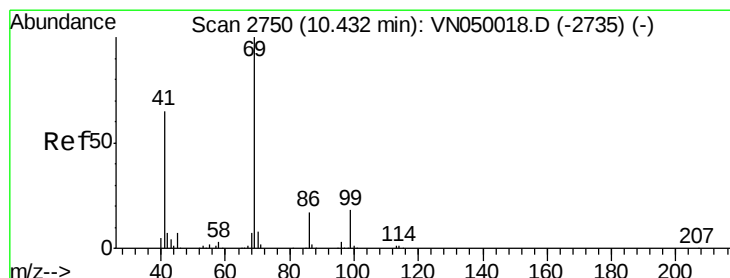
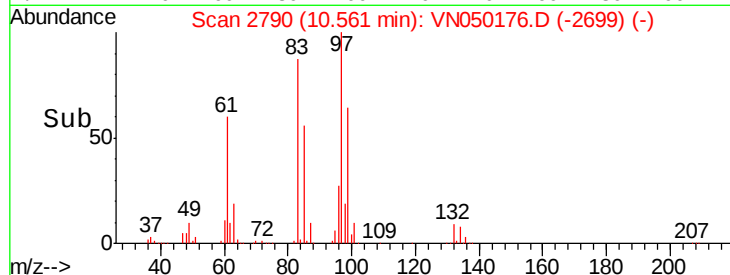
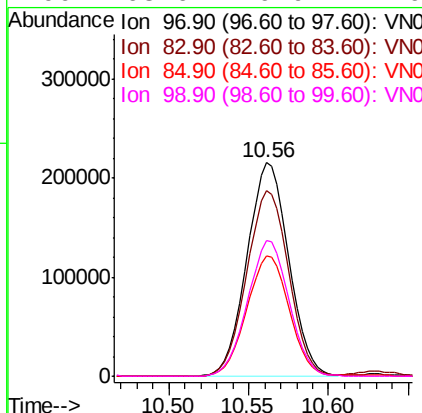
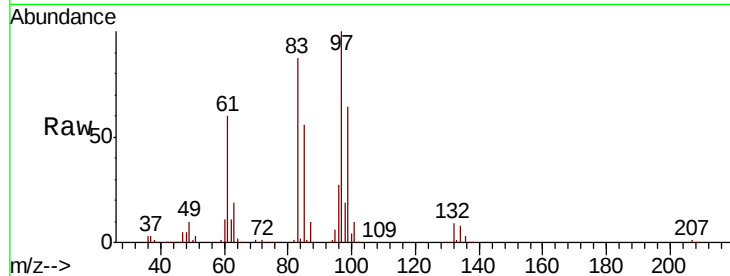
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	385550
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.2	103.8
85	56.2	44.0	66.0
99	63.6	49.9	74.9

Manual Integrations
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7/31/2018 3:20:10 PM



#56

Ethyl methacrylate

Concen: 43.74 ug/l

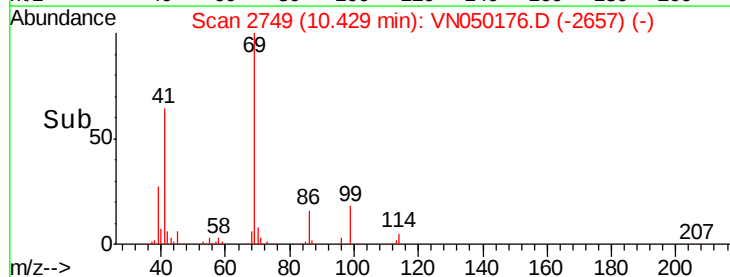
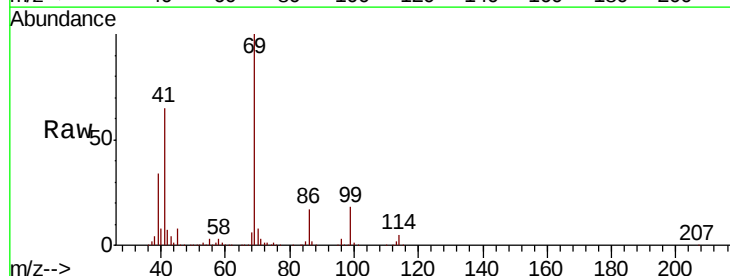
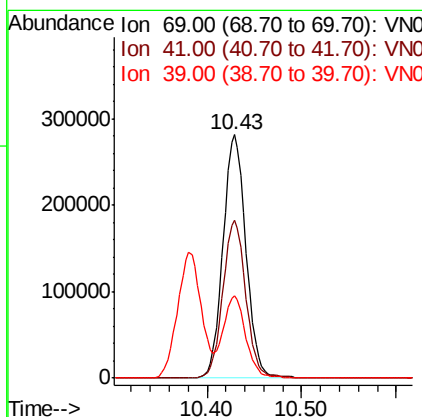
RT: 10.43 min Scan# 2749

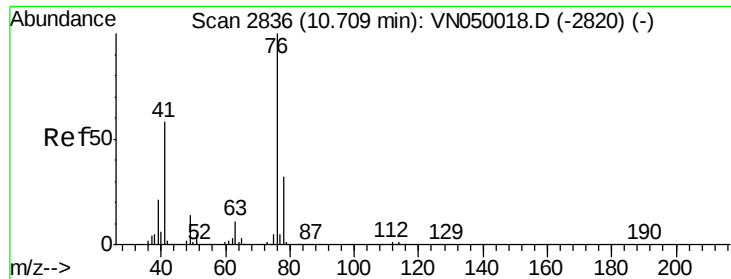
Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Tgt Ion:	69	Resp:	474553
Ion	Ratio	Lower	Upper
69	100		
41	64.2	51.0	76.4
39	33.4	26.6	40.0





#57

1,3-Dichloropropane

Concen: 49.25 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 646344

Ion Ratio Lower Upper

76 100

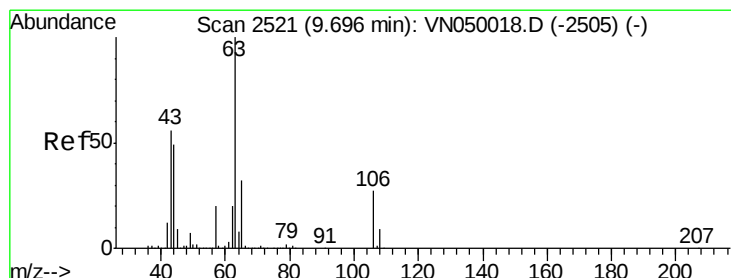
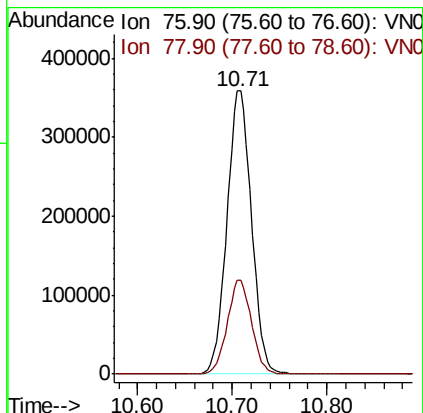
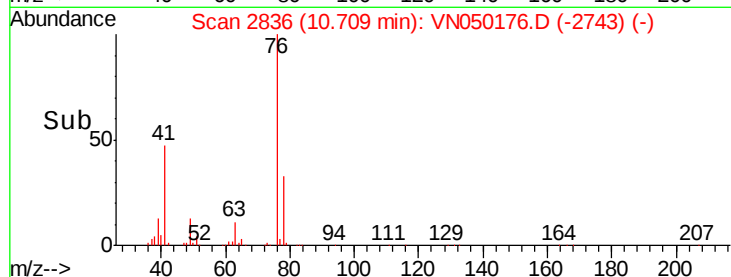
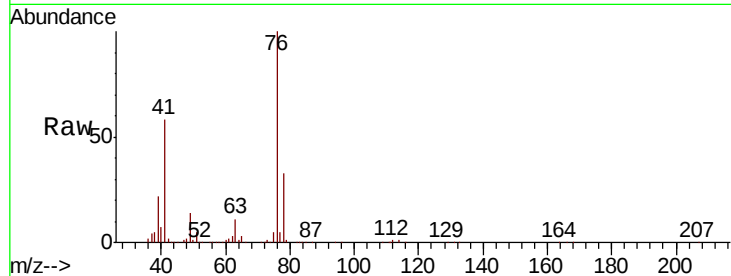
78 32.9 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 222.67 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050176.D

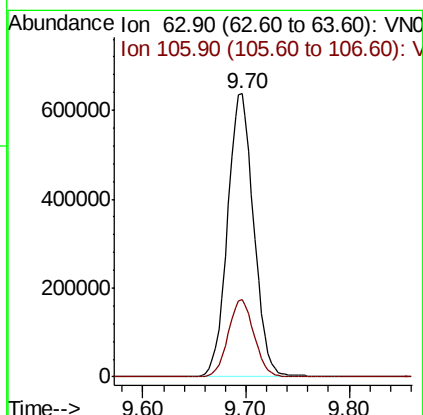
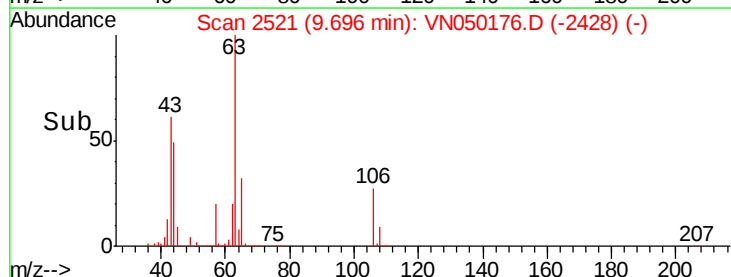
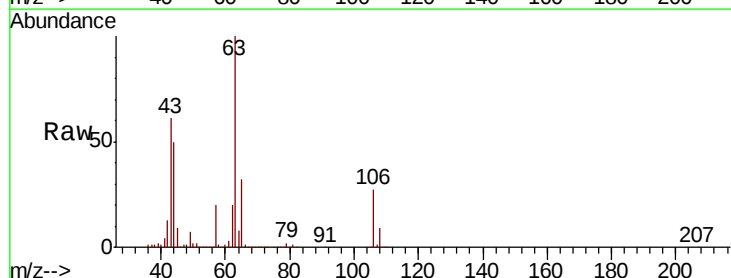
Acq: 30 Jul 2018 10:14

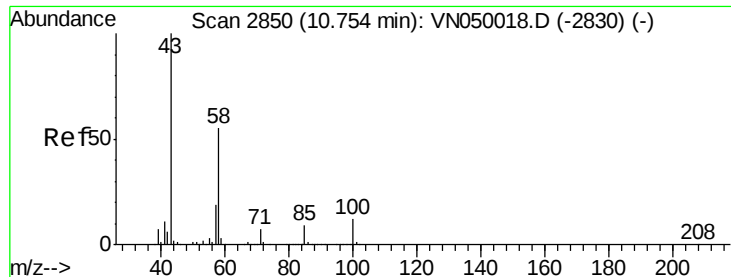
Tgt Ion: 63 Resp: 1130738

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5





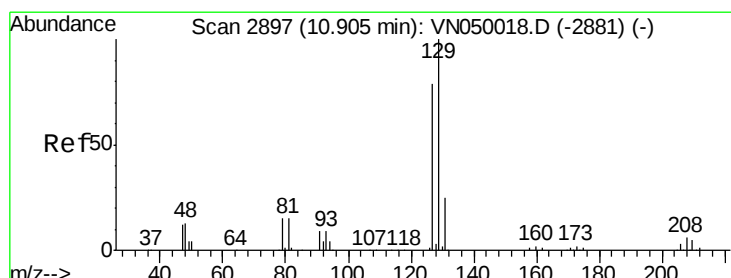
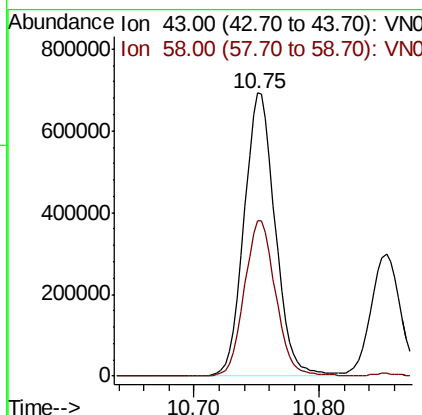
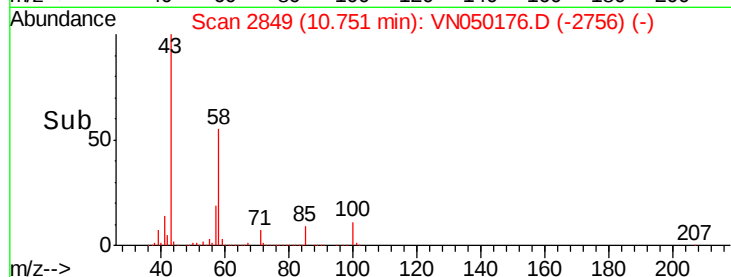
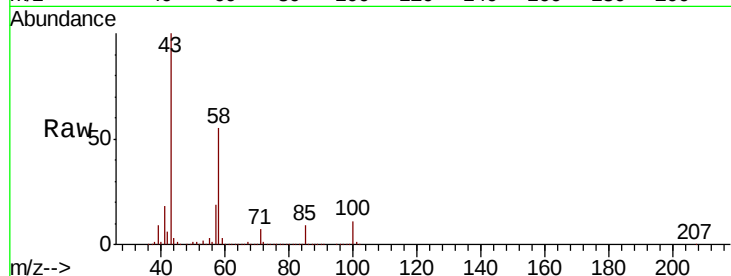
#59
2-Hexanone
Concen: 210.54 ug/l
RT: 10.75 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1194620
Ion Ratio Lower Upper
43 100
58 55.3 27.6 82.7

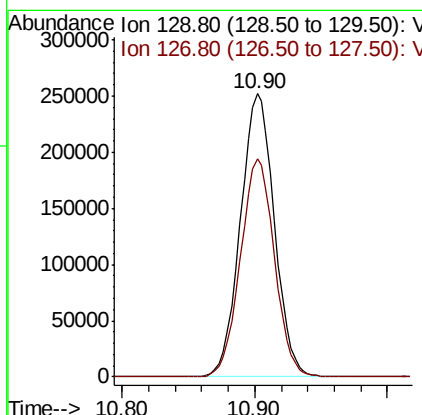
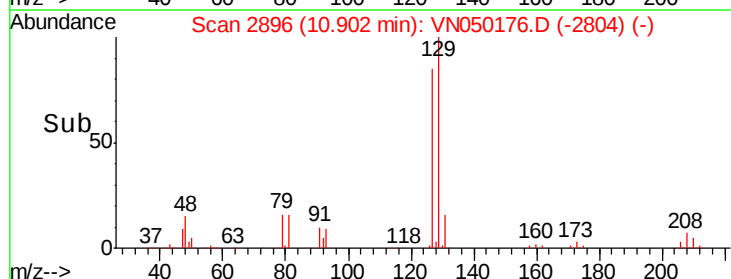
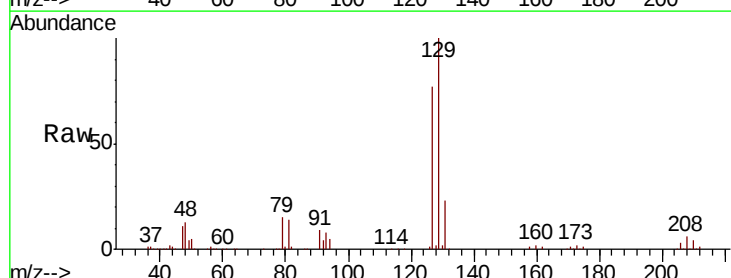
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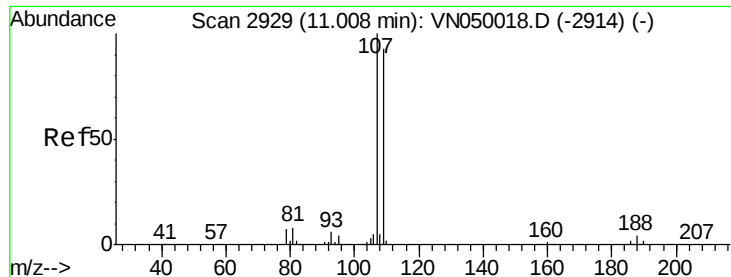
MMDadoda
7/31/2018 3:20:10 PM



#60
Dibromochloromethane
Concen: 50.08 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion: 129 Resp: 446831
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9





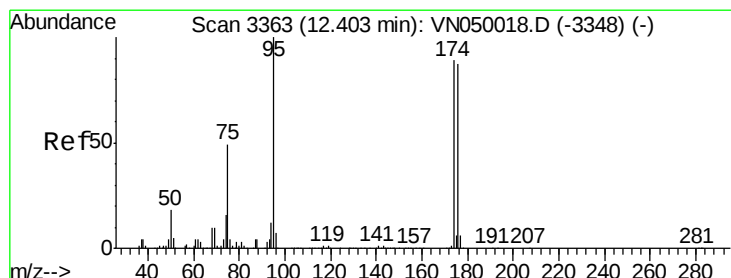
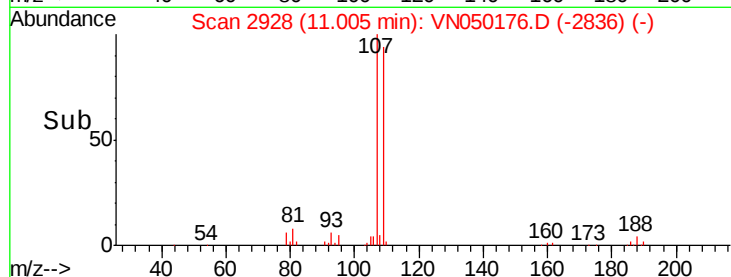
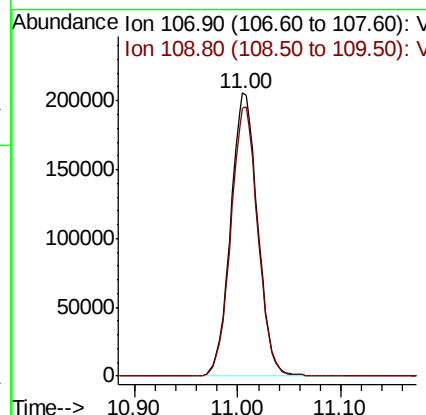
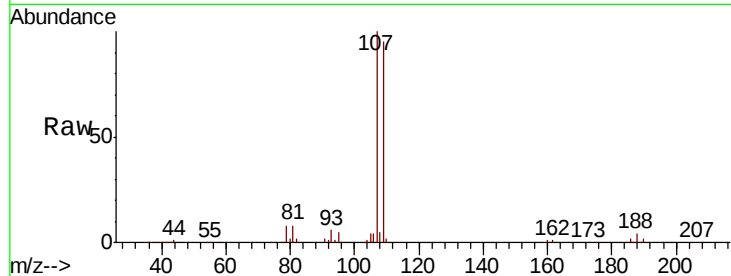
#61
 1,2-Dibromoethane
 Concen: 46.96 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	74.6	112.0

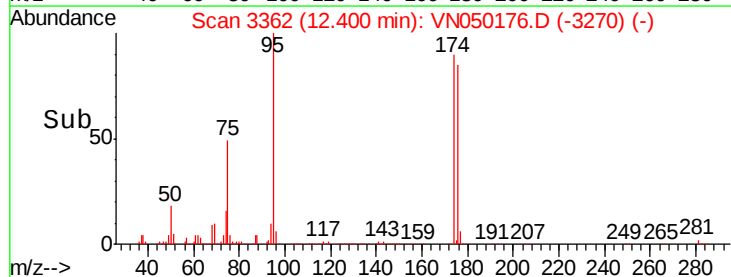
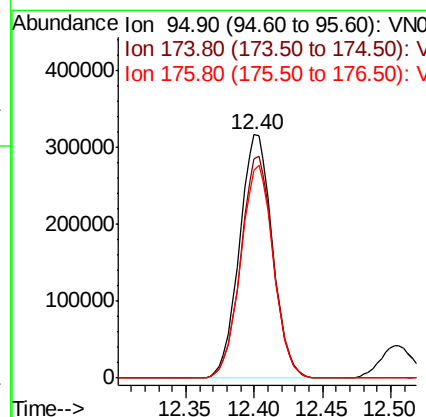
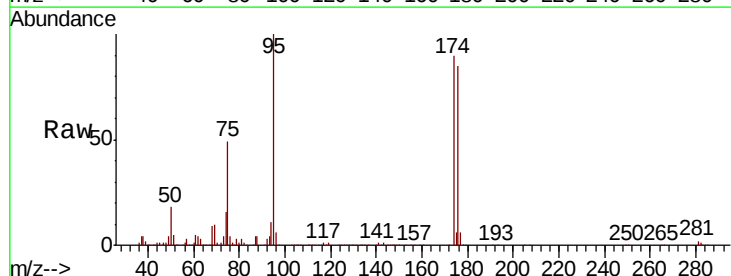
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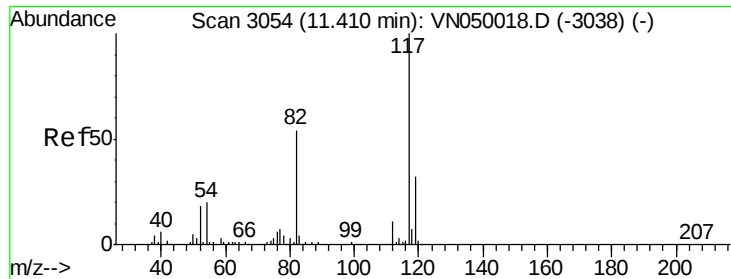
MMDadoda
 7/31/2018 3:20:10 PM



#62
 4-Bromofluorobenzene
 Concen: 53.45 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	178.2
176	87.2	0.0	173.4





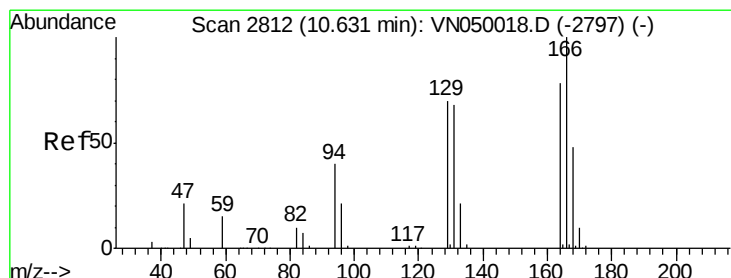
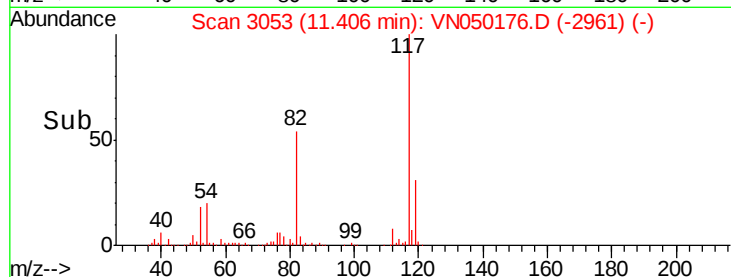
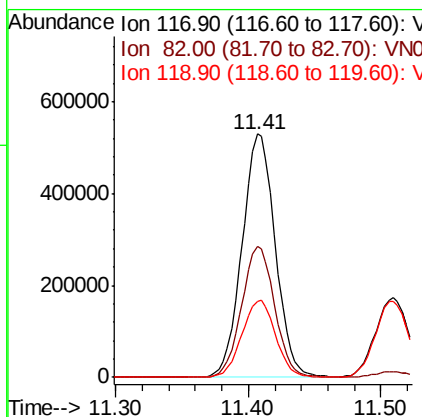
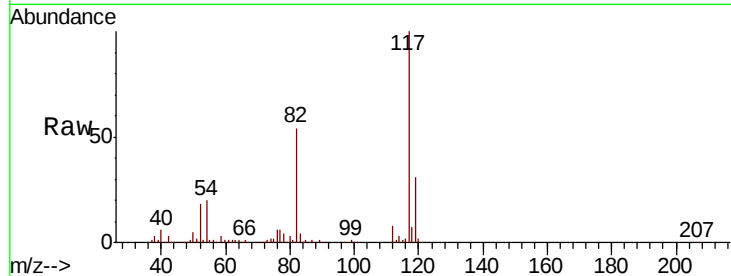
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	31.5	26.1	39.1

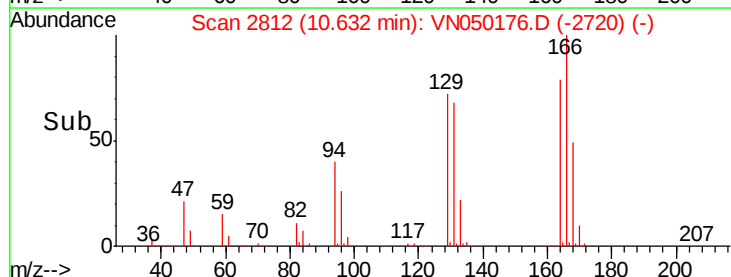
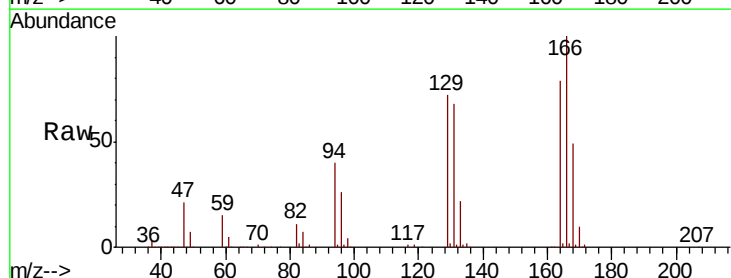
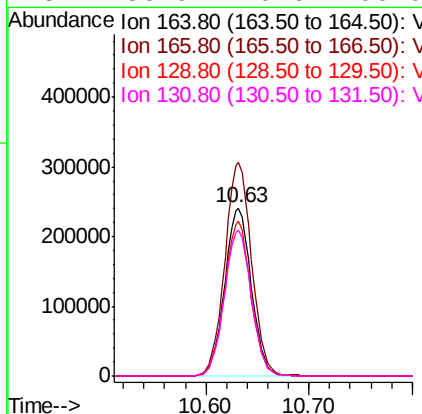
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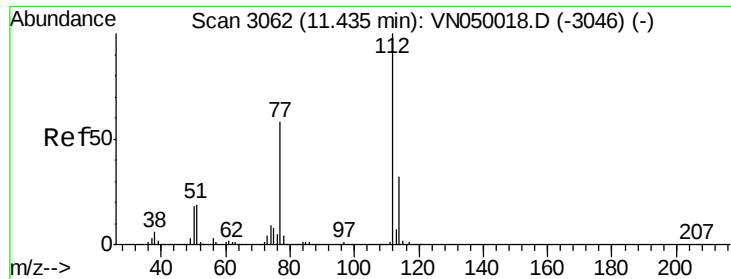
MMDadoda
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#64
Tetrachloroethene
Concen: 48.74 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.1	153.1
129	91.9	73.2	109.8
131	86.9	70.6	106.0





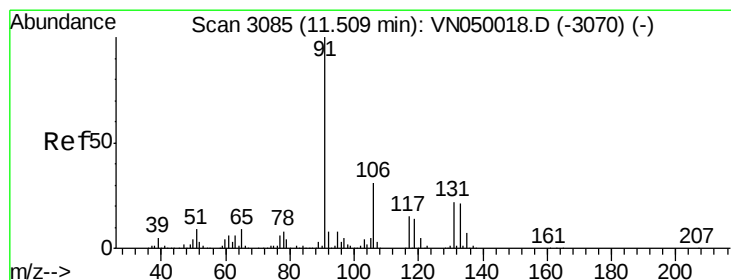
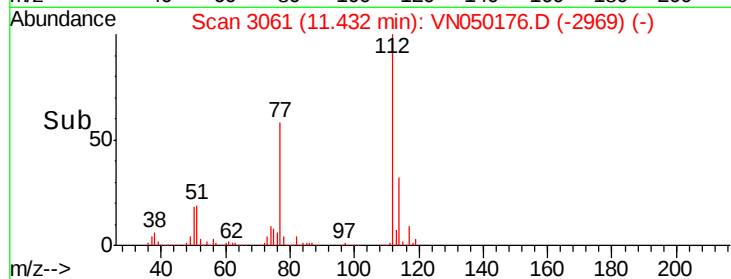
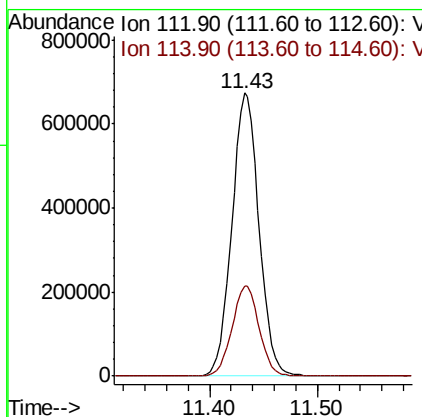
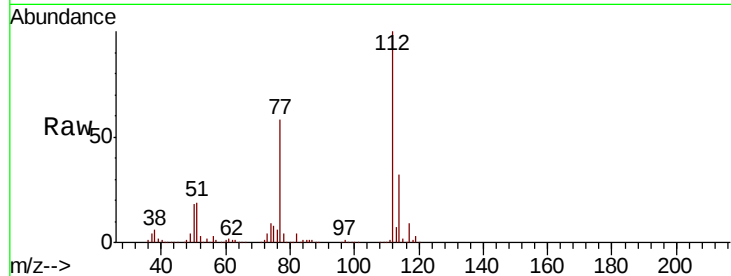
#65
Chlorobenzene
Concen: 50.60 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1177025
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

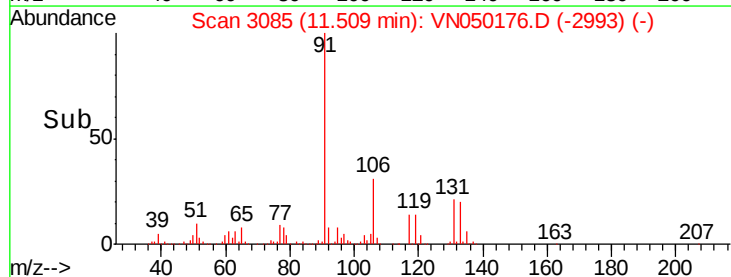
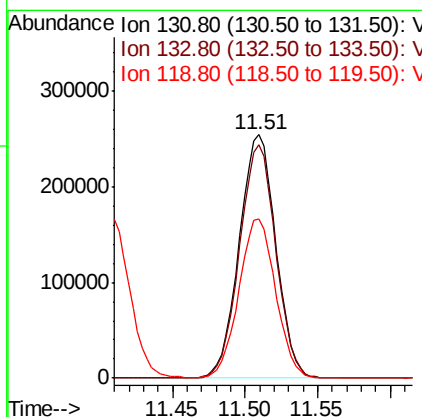
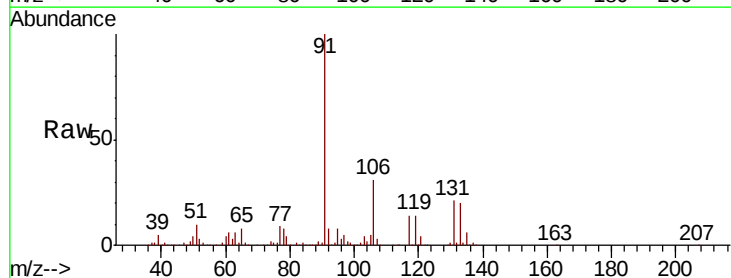
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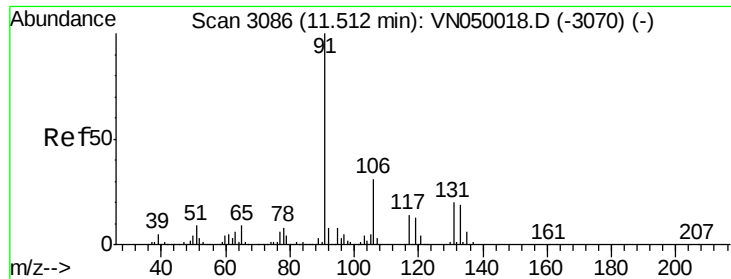
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.84 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion:131 Resp: 445483
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 65.7 32.9 98.7





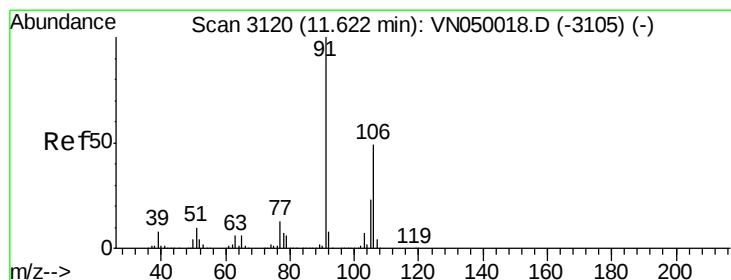
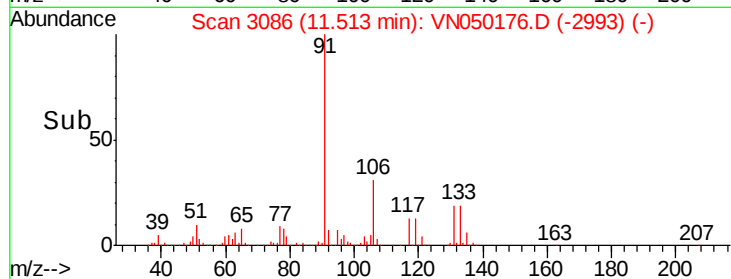
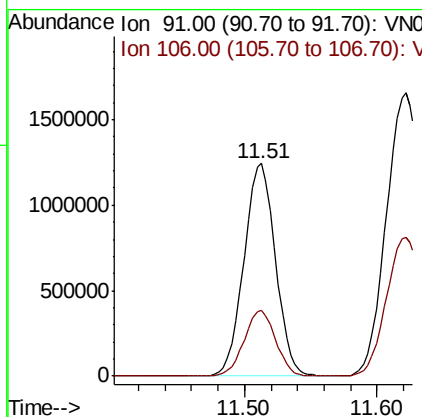
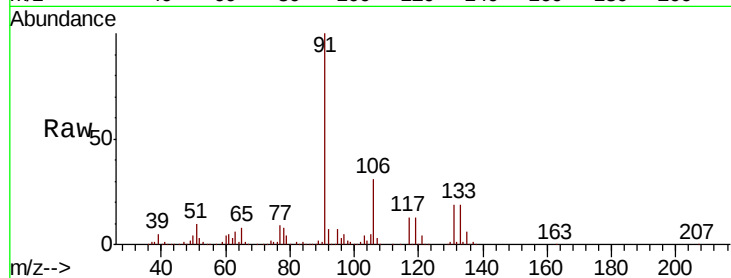
#67
Ethyl Benzene
Concen: 55.03 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2056132
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4

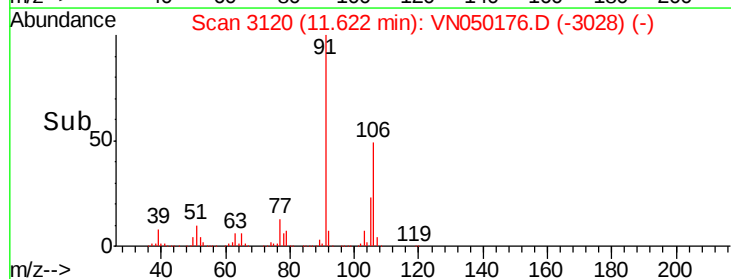
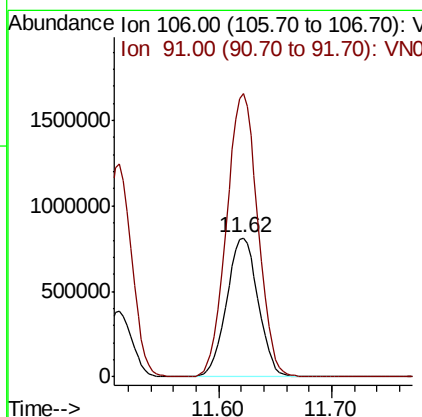
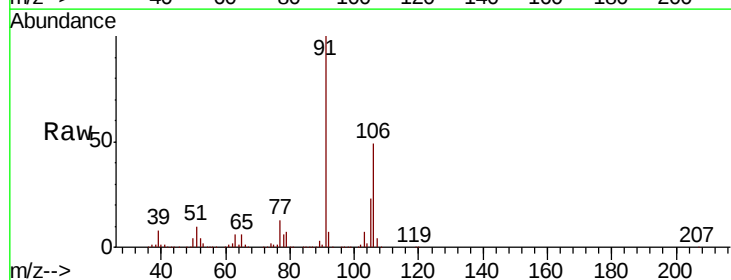
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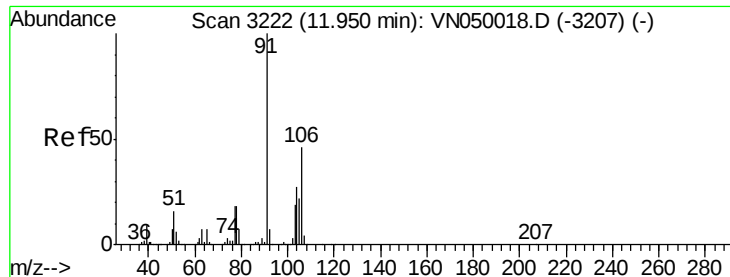
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#68
m/p-Xylenes
Concen: 111.10 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion: 106 Resp: 1570322
Ion Ratio Lower Upper
106 100
91 202.5 162.2 243.2





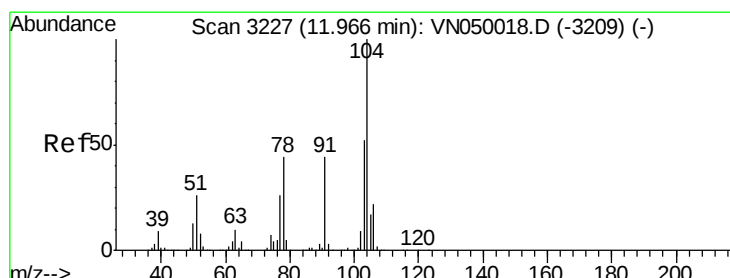
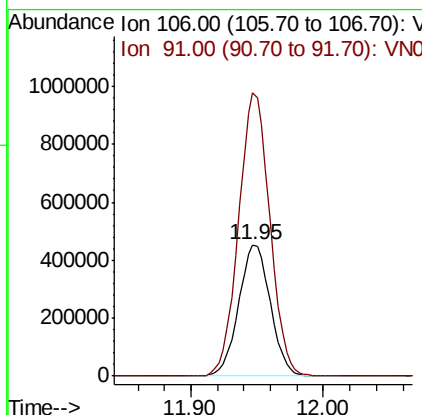
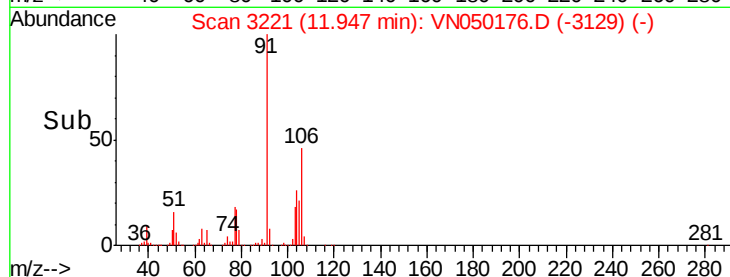
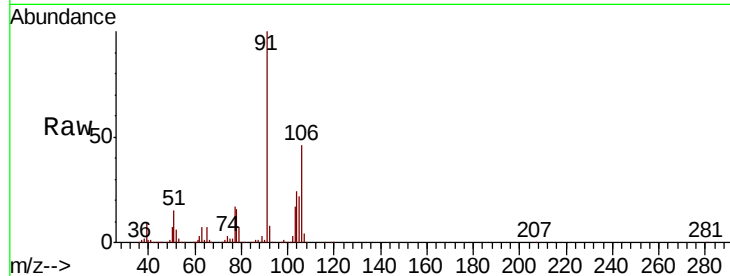
#69
o-Xylene
Concen: 55.62 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 749452
Ion Ratio Lower Upper
106 100
91 213.4 107.7 323.1

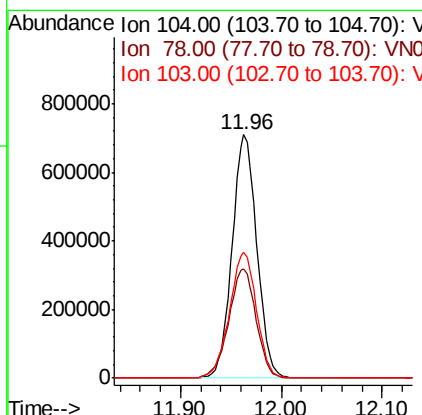
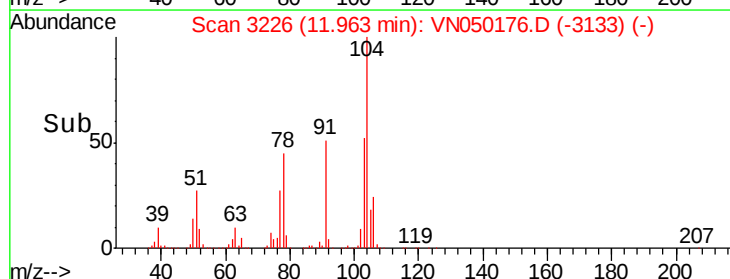
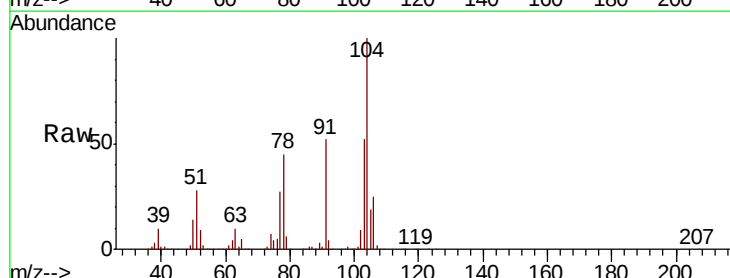
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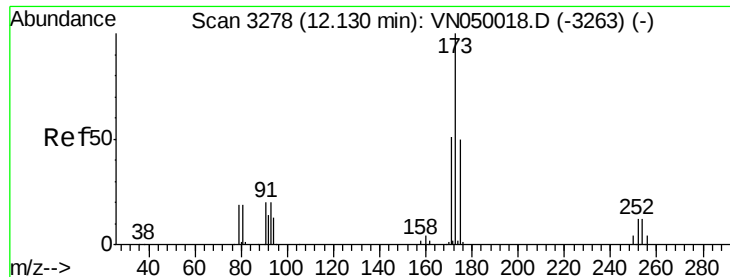
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#70
Styrene
Concen: 50.55 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion:104 Resp: 1211570
Ion Ratio Lower Upper
104 100
78 49.6 39.3 58.9
103 56.4 45.0 67.6





#71

Bromoform

Concen: 46.92 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 305065

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

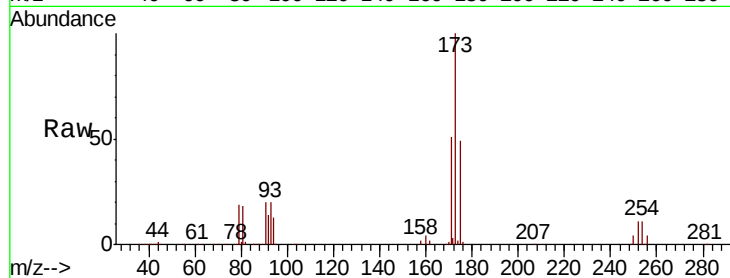
254 0.1 0.2 0.2#

Manual Integrations

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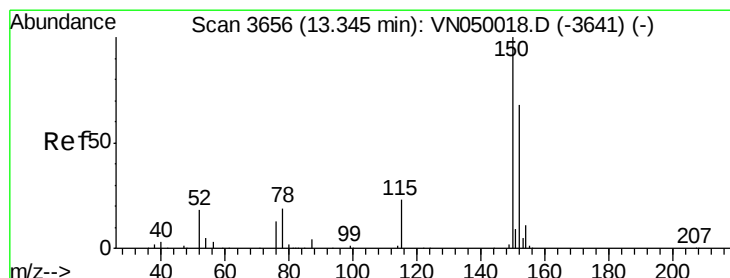
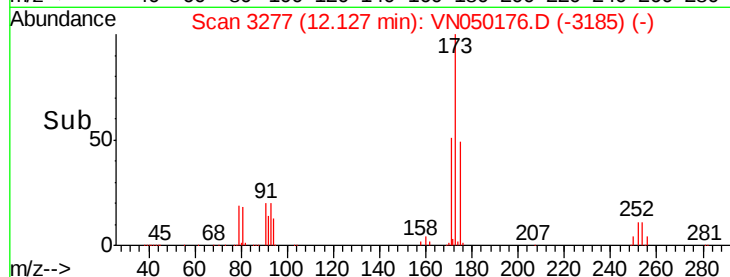
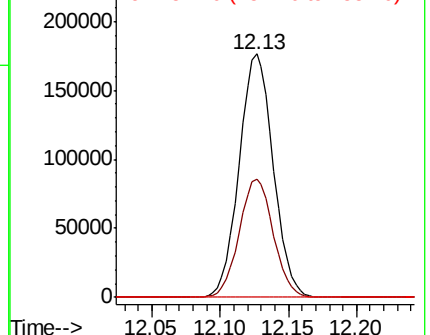
7/31/2018 3:20:10 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

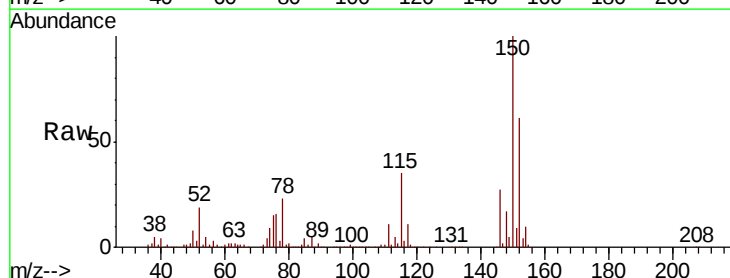
Tgt Ion:152 Resp: 476669

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.3

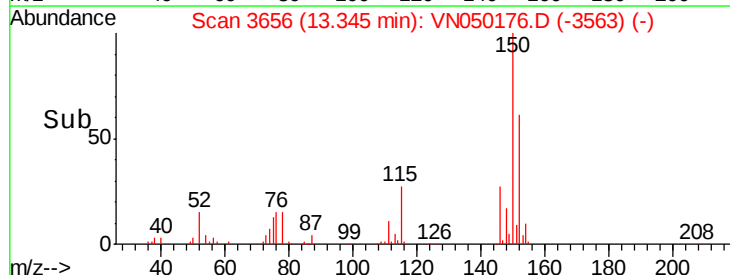
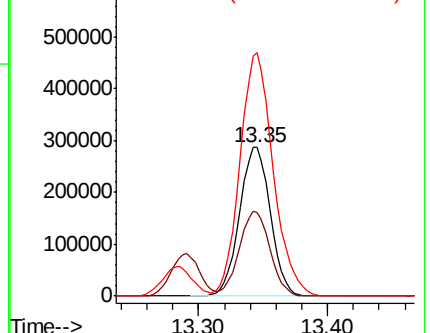
150 176.3 0.0 348.6

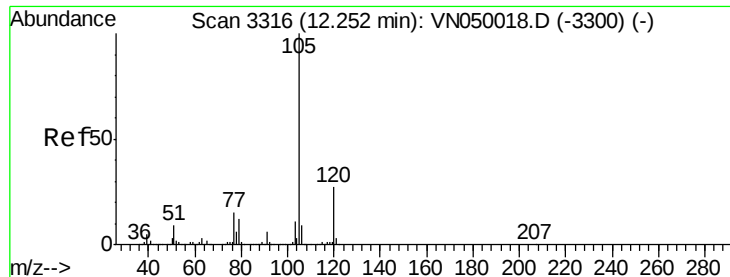


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.72 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 2022823

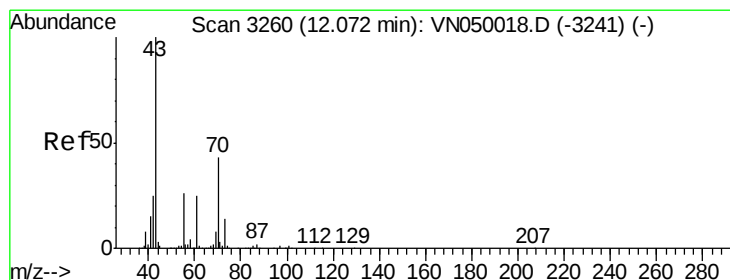
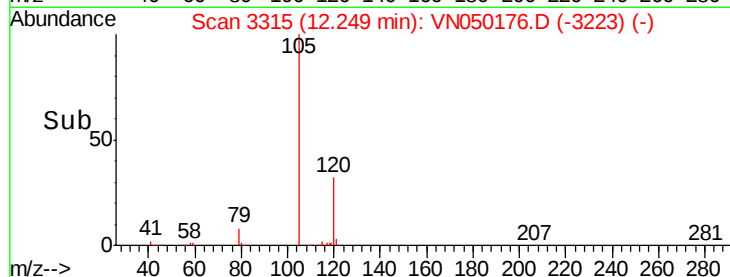
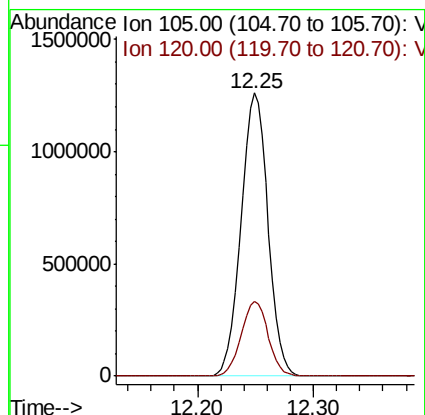
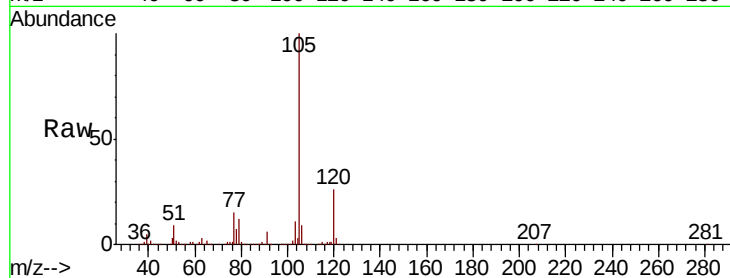
Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 45.21 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Tgt Ion: 43 Resp: 510799

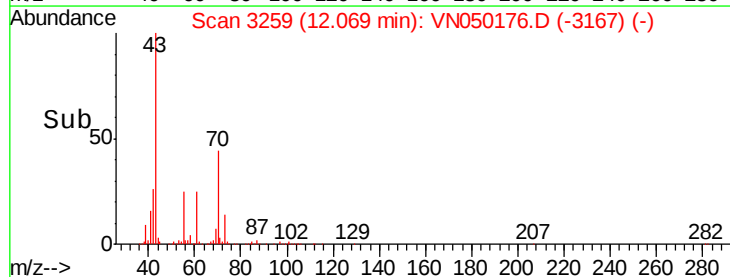
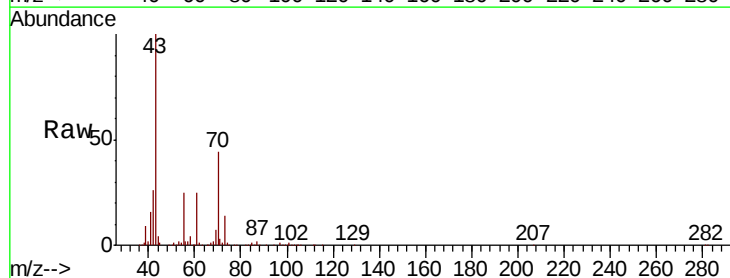
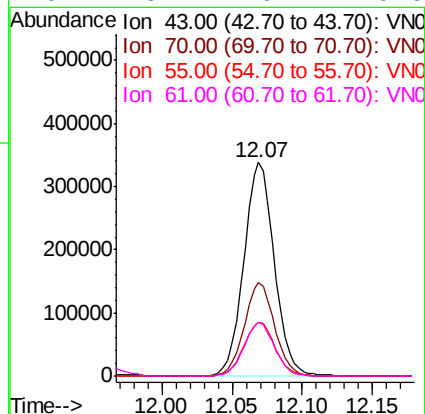
Ion Ratio Lower Upper

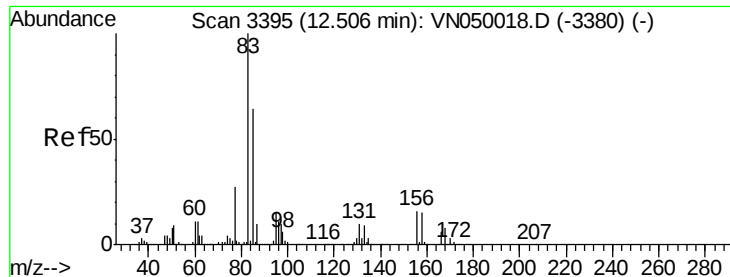
43 100

70 43.8 34.4 51.6

55 26.0 20.8 31.2

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.80 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 472730
Ion Ratio Lower Upper

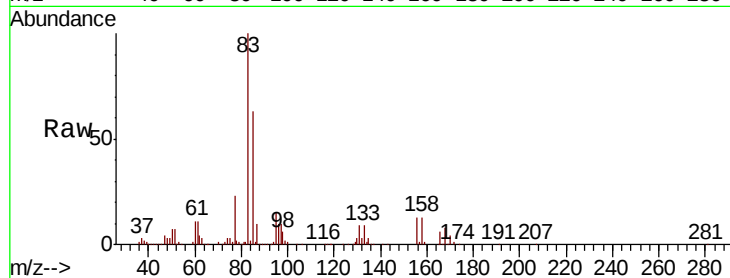
83 100

131 10.0 5.1 15.3

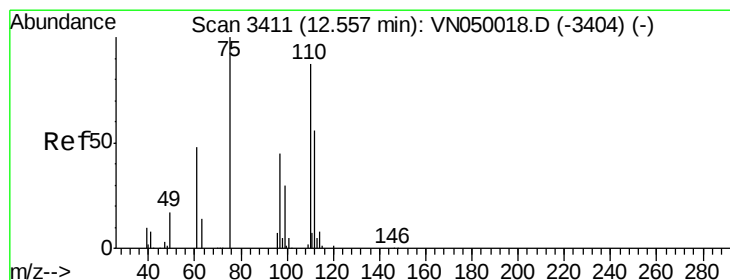
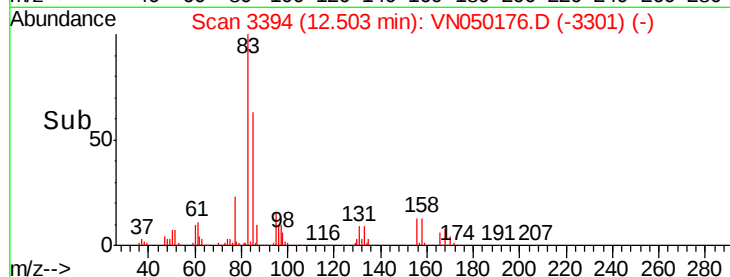
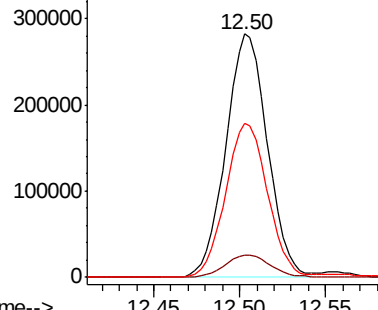
85 64.1 32.3 96.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 43.40 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

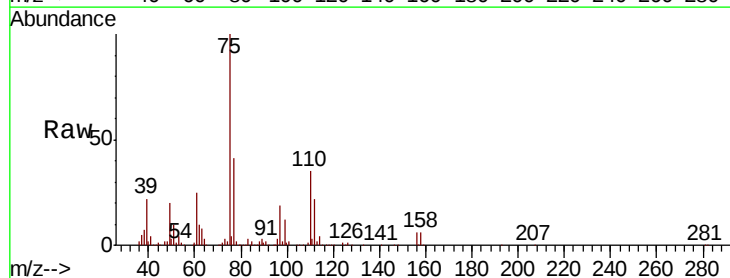
Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

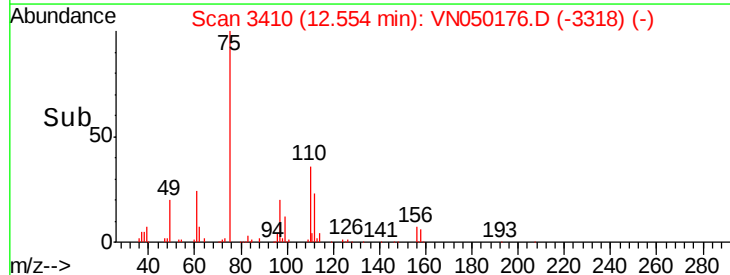
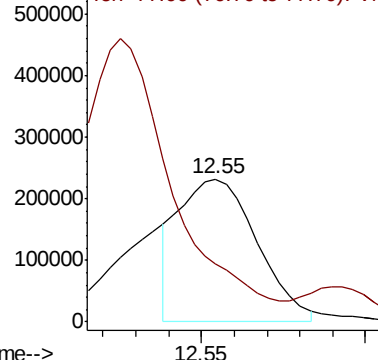
Tgt Ion: 75 Resp: 384470
Ion Ratio Lower Upper

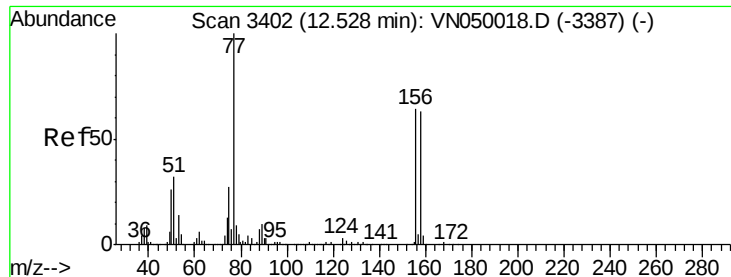
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 49.55 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 507723

Ion Ratio Lower Upper

156 100

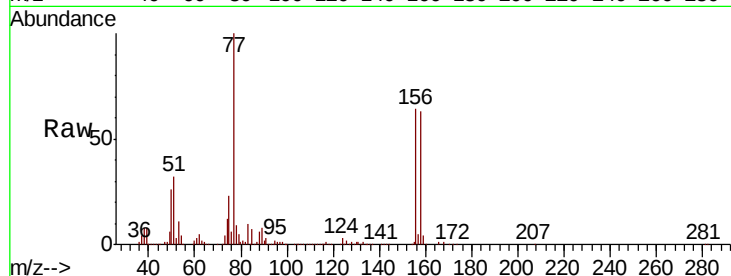
77 179.5 91.7 275.1

158 97.5 48.9 146.6

Manual Integrations
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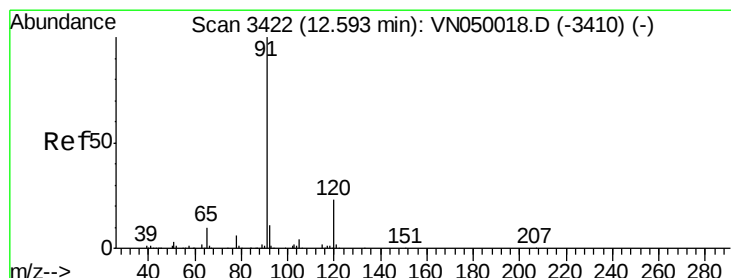
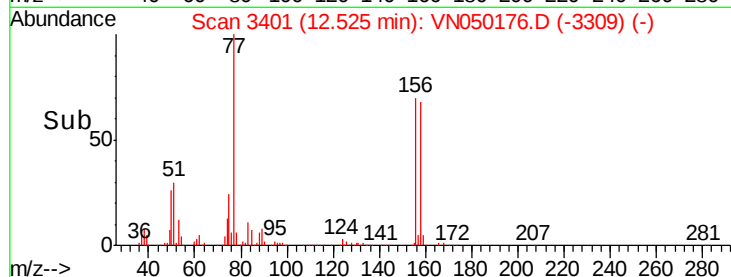
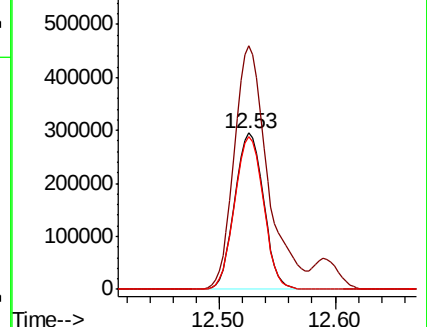
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.69 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050176.D

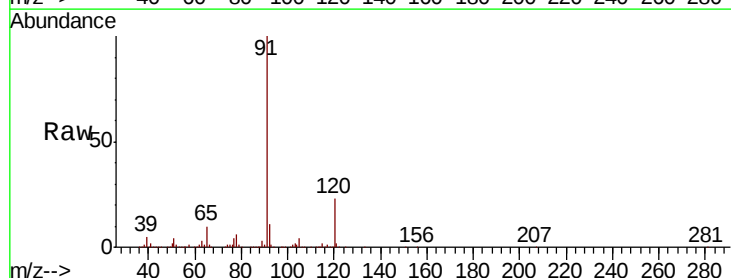
Acq: 30 Jul 2018 10:14

Tgt Ion: 91 Resp: 2342467

Ion Ratio Lower Upper

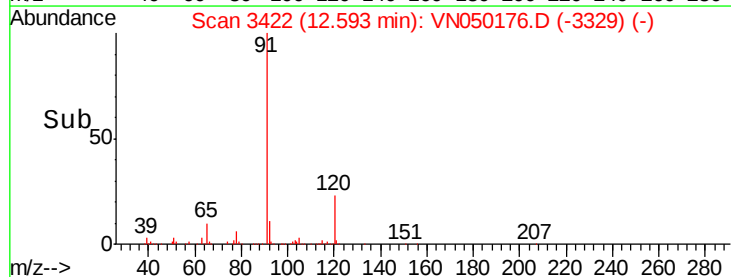
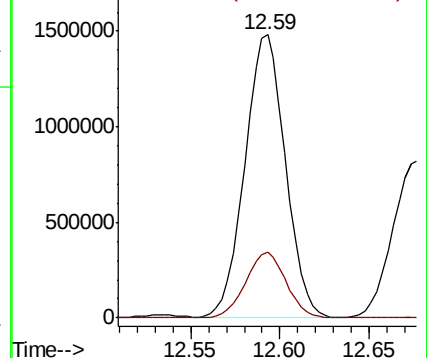
91 100

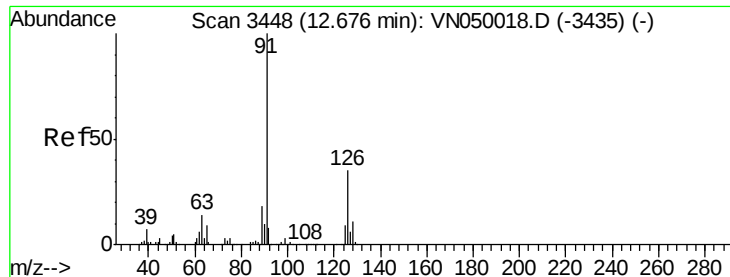
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.33 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1365963

Ion Ratio Lower Upper

91 100

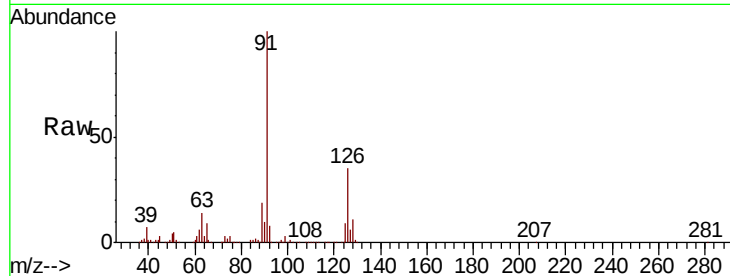
126 35.0 17.6 52.8

Manual Integrations

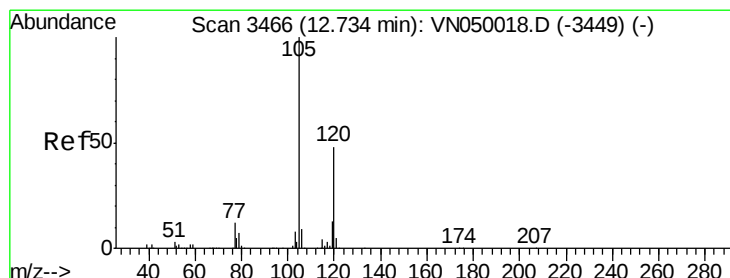
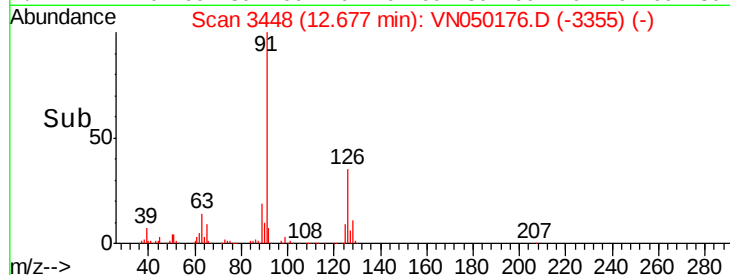
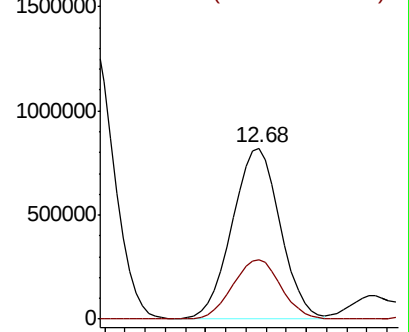
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Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 57.33 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050176.D

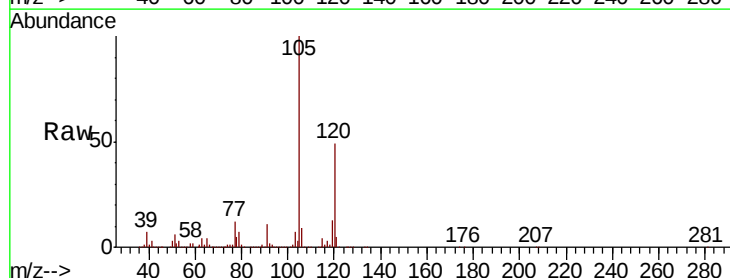
Acq: 30 Jul 2018 10:14

Tgt Ion:105 Resp: 1666953

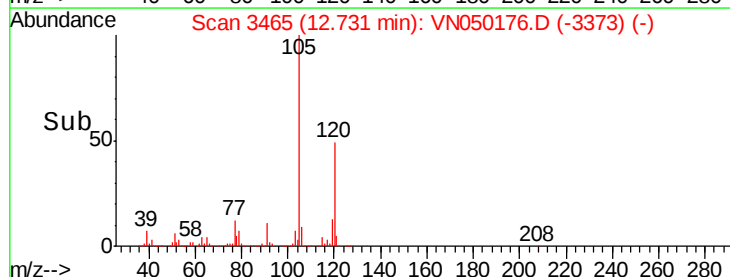
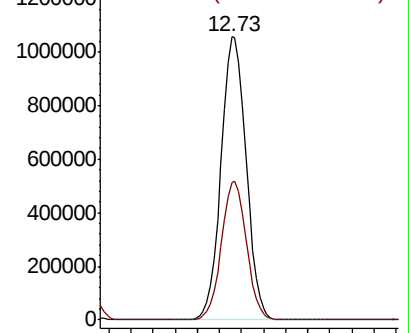
Ion Ratio Lower Upper

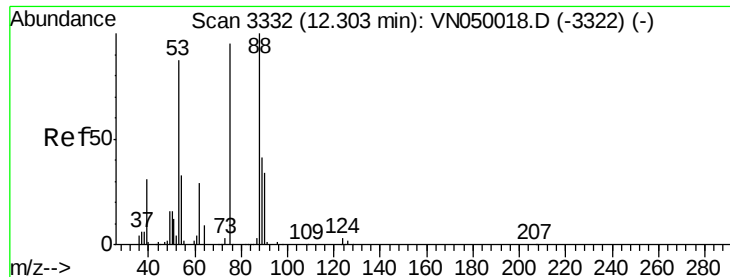
105 100

120 48.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.15 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

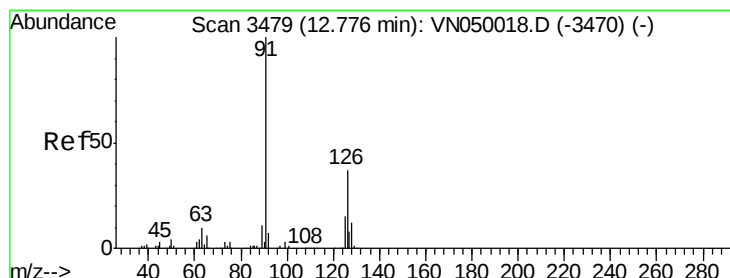
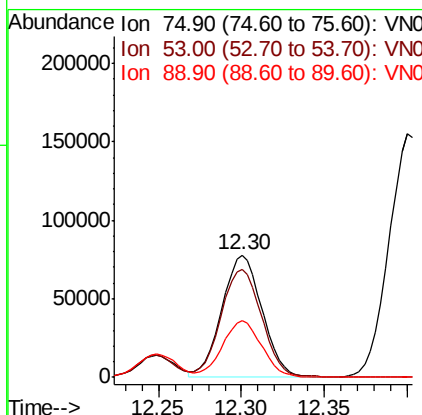
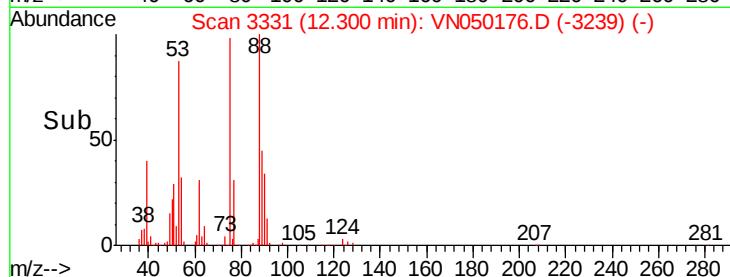
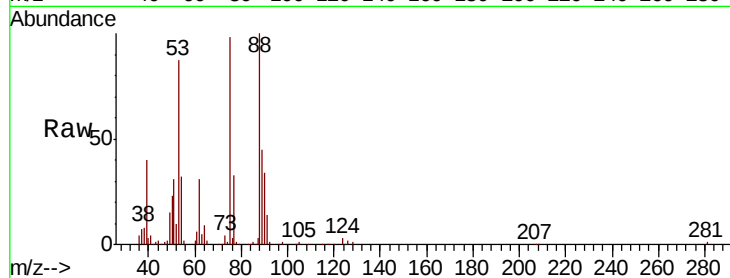
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	131681
Ion	Ratio	Lower	Upper
75	100		
53	90.0	73.5	110.3
89	45.1	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 55.11 ug/l

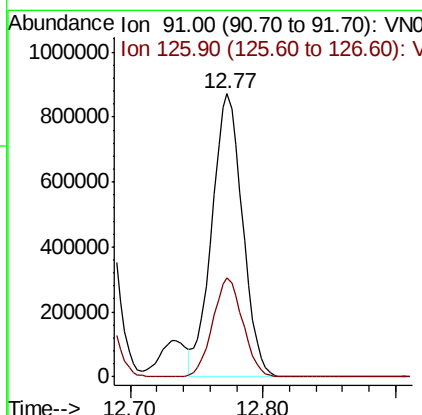
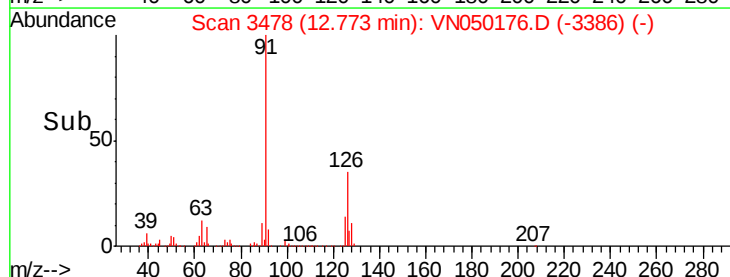
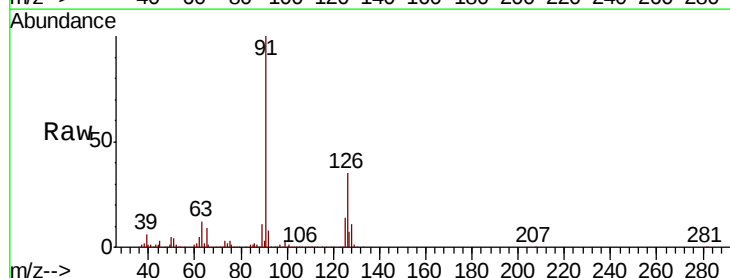
RT: 12.77 min Scan# 3478

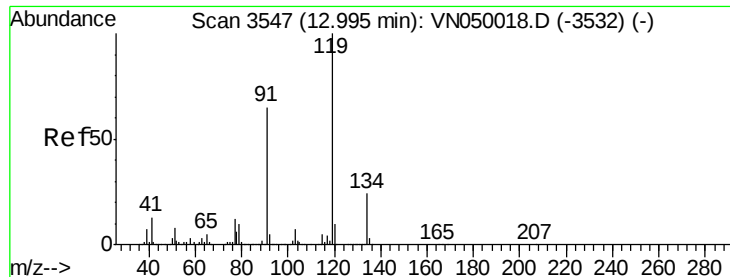
Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Tgt Ion:	91	Resp:	1397808
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	51.0





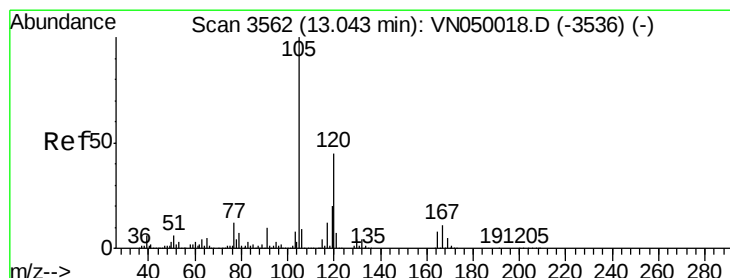
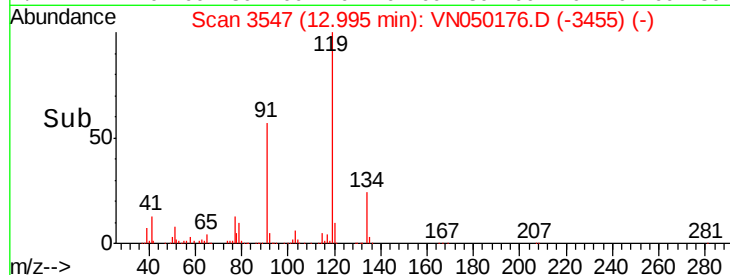
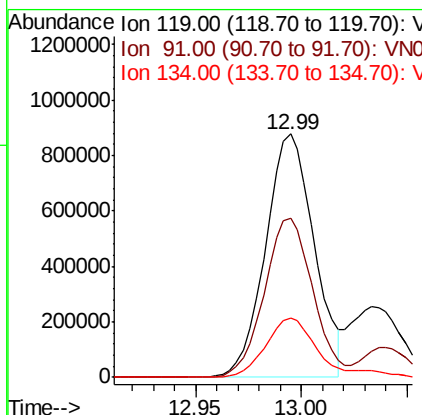
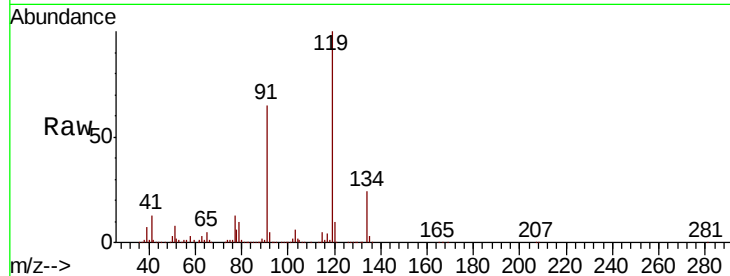
#83
 tert-Butylbenzene
 Concen: 55.48 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.1	96.3
134	26.7	13.2	39.5

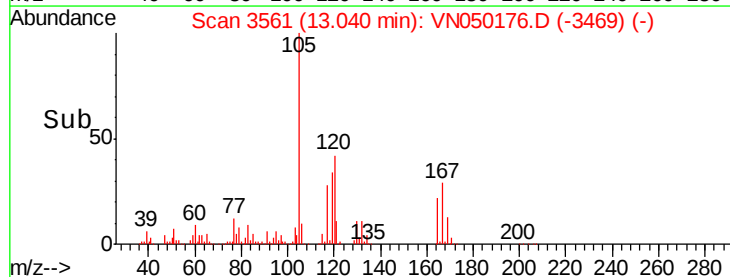
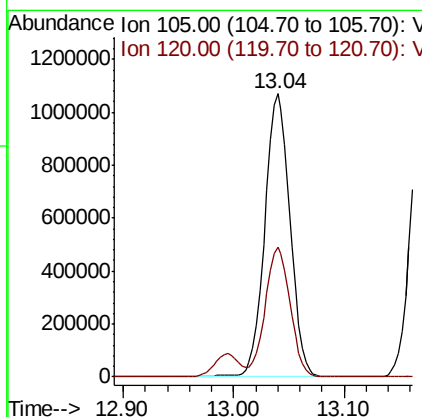
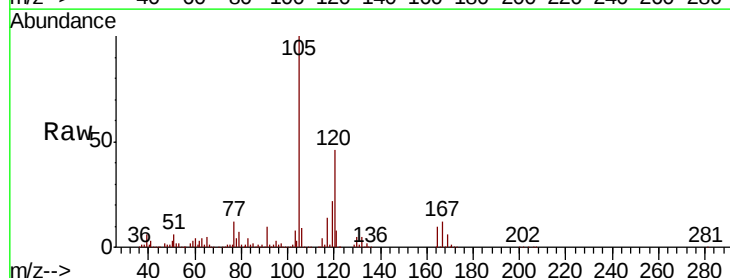
Manual Integrations
 APPROVED

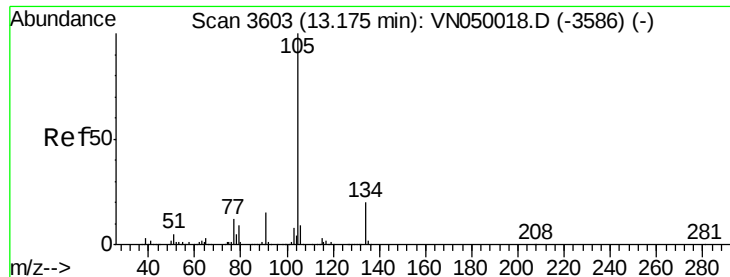
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#84
 1,2,4-Trimethylbenzene
 Concen: 57.70 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.7





#85

sec-Butylbenzene

Concen: 57.05 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1934525

Ion Ratio Lower Upper

105 100

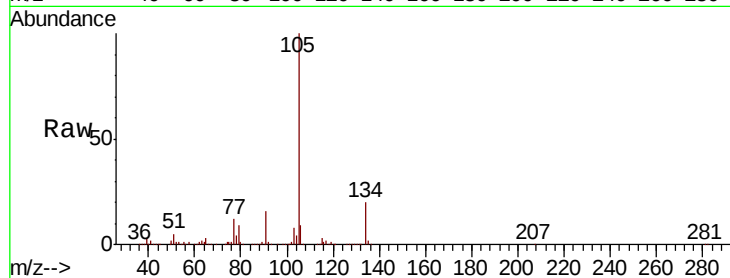
134 20.3 10.1 30.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

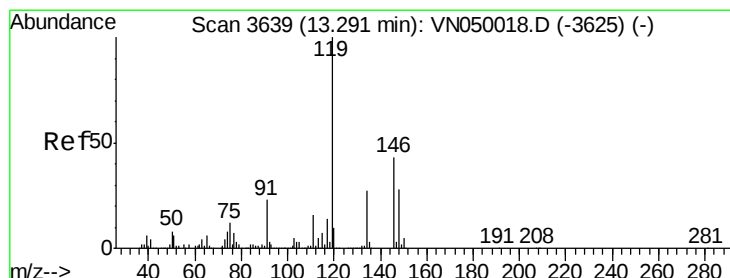
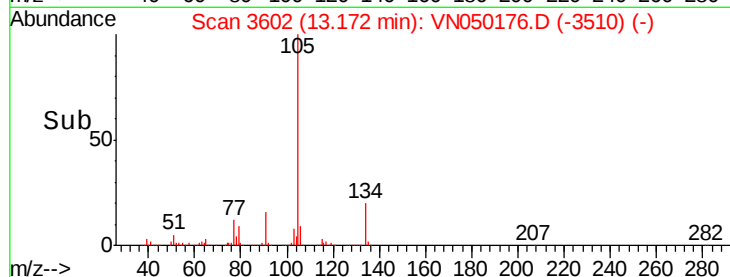
13.17

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 59.14 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050176.D

Acq: 30 Jul 2018 10:14

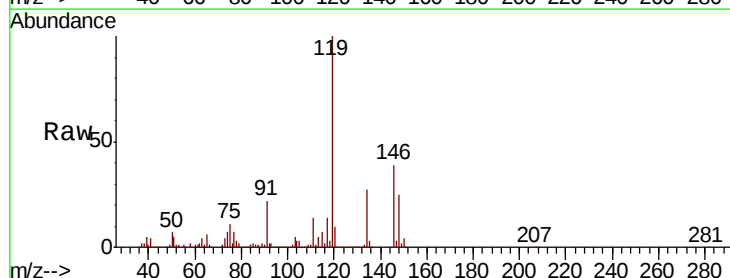
Tgt Ion:119 Resp: 1689571

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.6 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

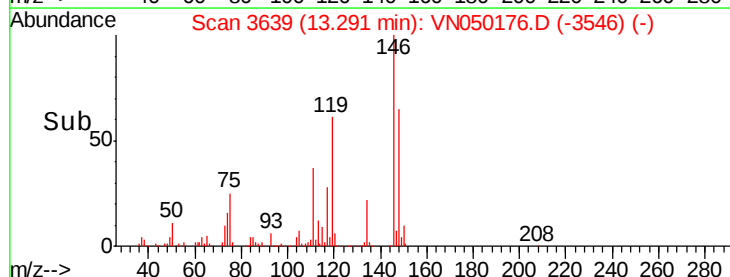
1500000

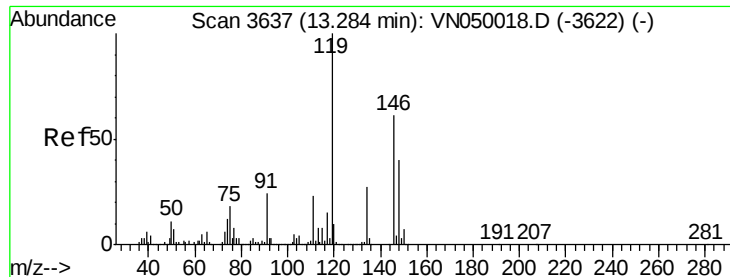
1000000

500000

0

Time-->





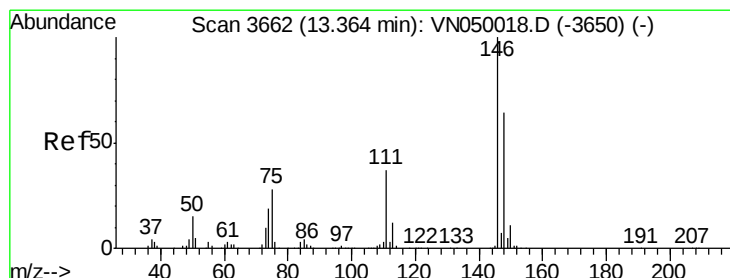
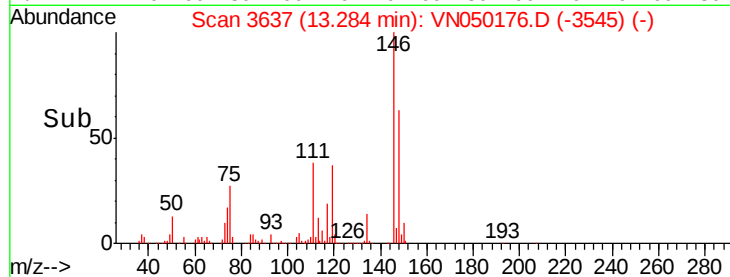
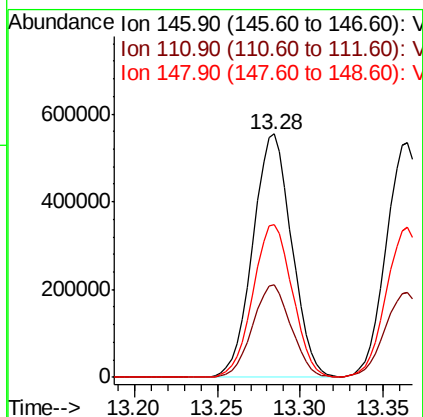
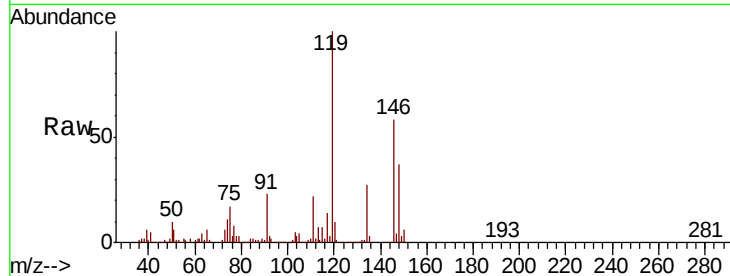
#87
 1,3-Dichlorobenzene
 Concen: 52.01 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	63.7	31.9	95.9

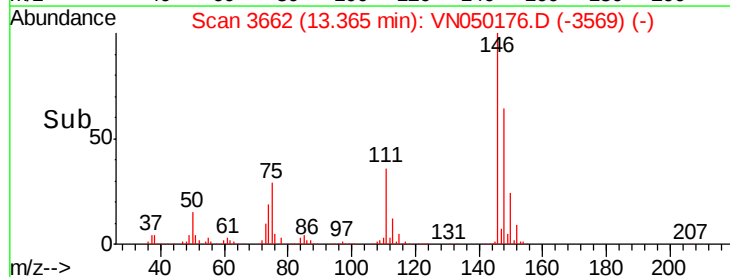
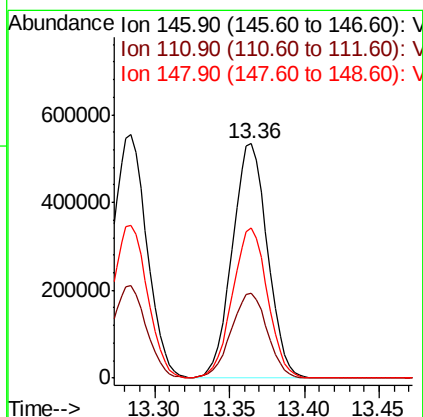
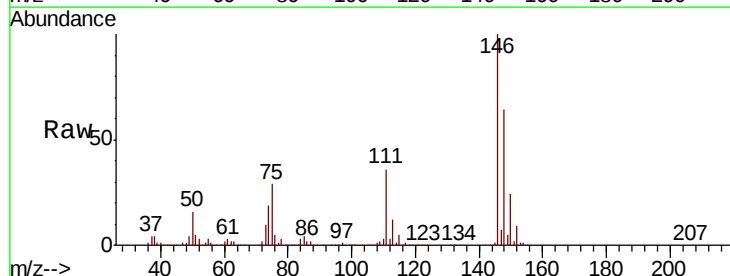
Manual Integrations
 APPROVED

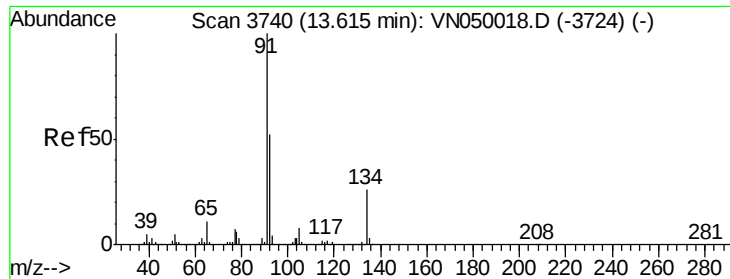
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#88
 1,4-Dichlorobenzene
 Concen: 51.63 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.3	54.9
148	63.9	31.9	95.9





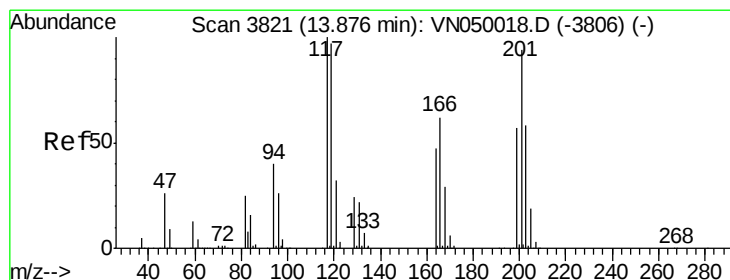
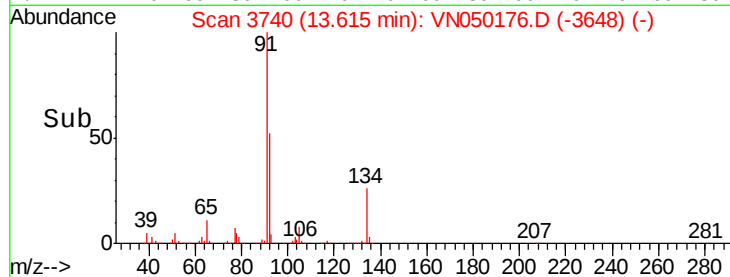
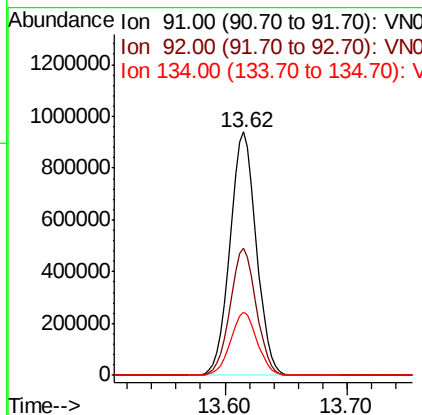
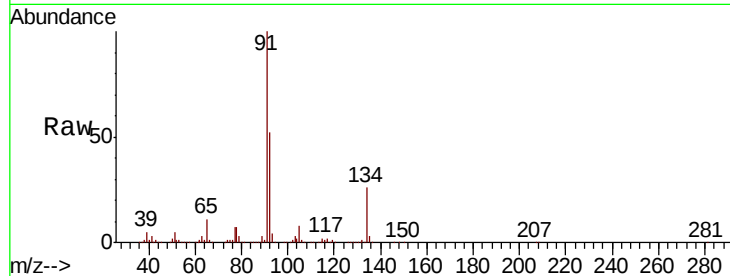
#89
n-Butylbenzene
Concen: 60.30 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.8	77.4
134	26.0	12.8	38.4

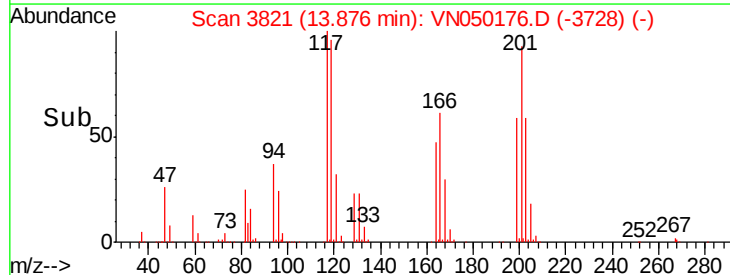
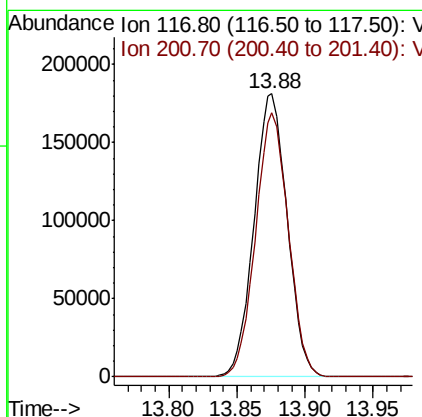
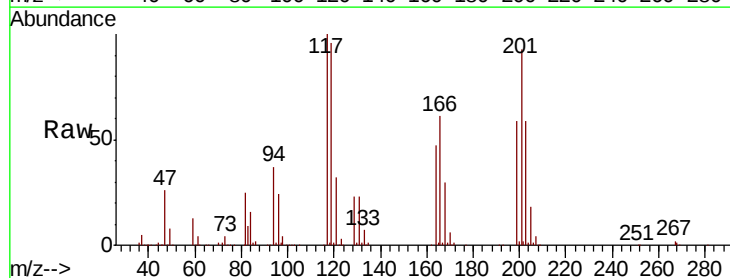
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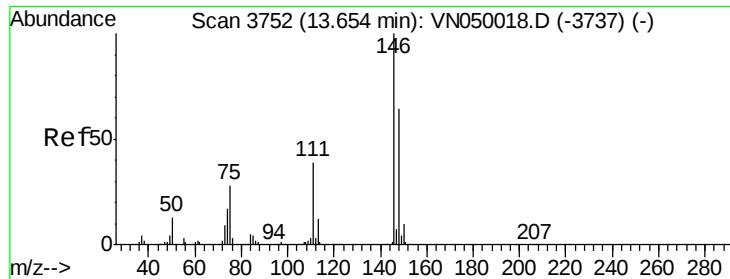
MMDadoda
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#90
Hexachloroethane
Concen: 48.32 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.9	45.6	136.8





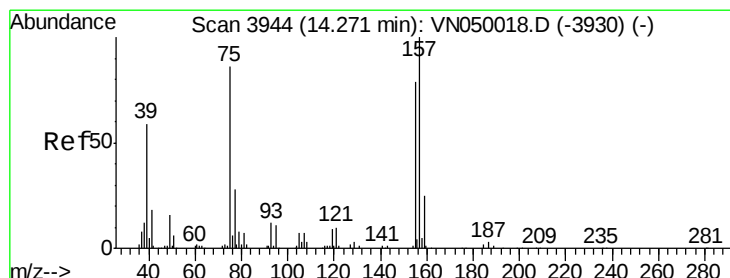
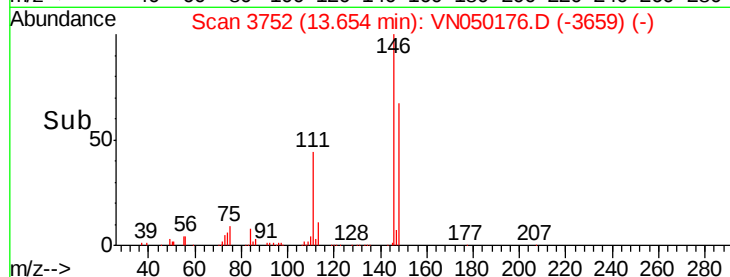
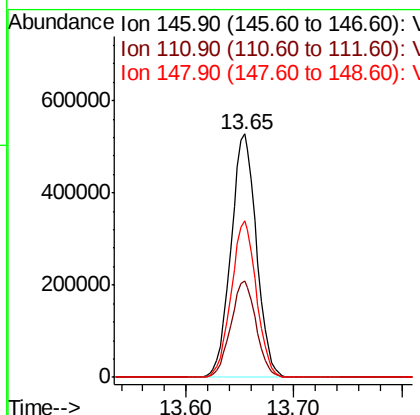
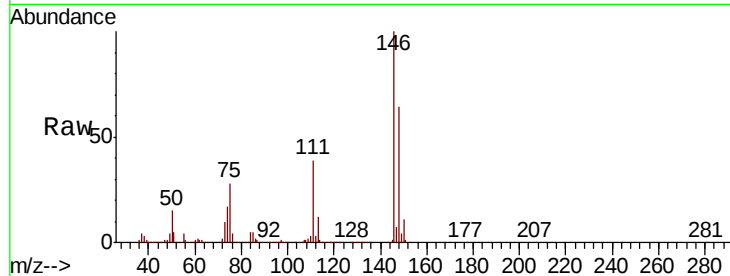
#91
 1,2-Dichlorobenzene
 Concen: 49.92 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	63.7	32.1	96.3

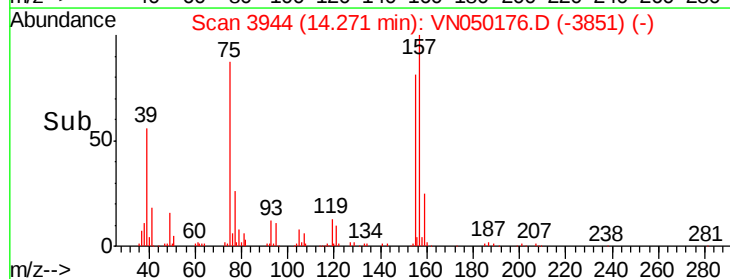
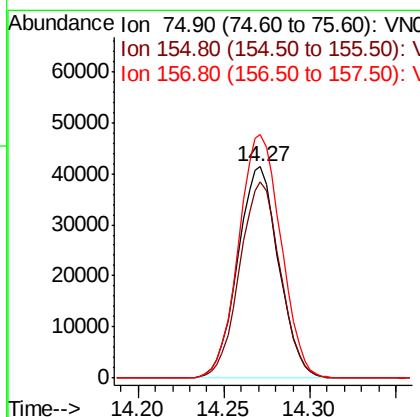
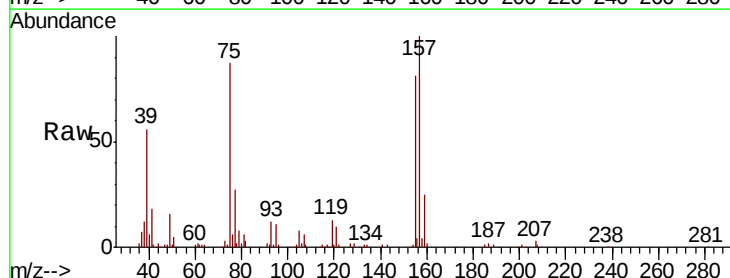
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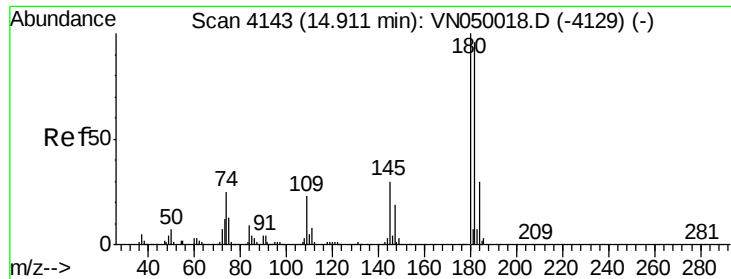
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.67 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	44.8	134.4
157	118.5	57.2	171.6





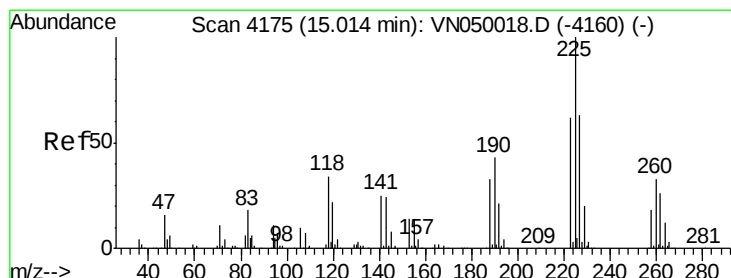
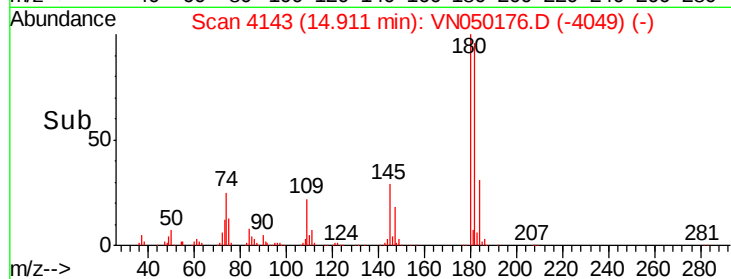
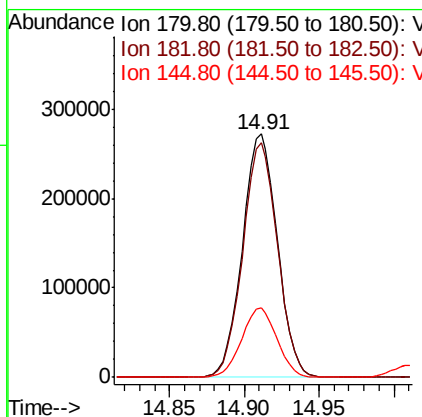
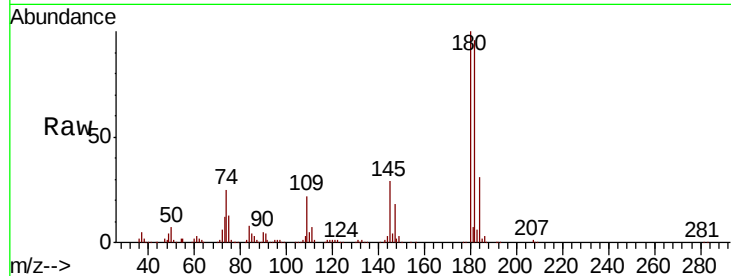
#93
 1,2,4-Trichlorobenzene
 Concen: 48.16 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	442350		
182	95.9	46.7	140.1	
145	28.7	13.8	41.4	

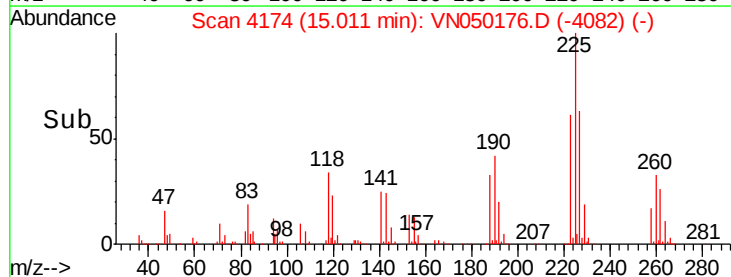
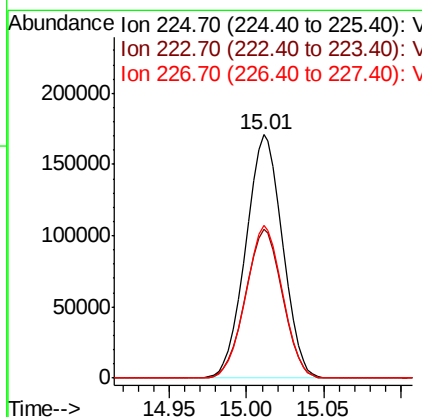
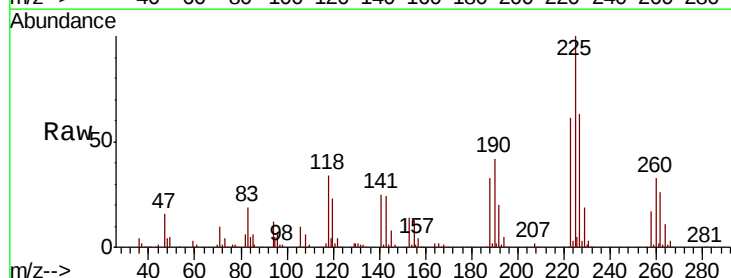
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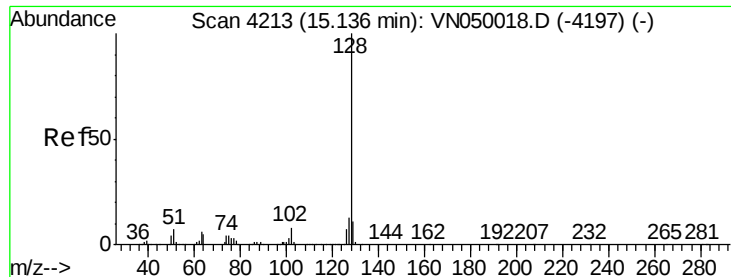
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#94
 Hexachlorobutadiene
 Concen: 53.22 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050176.D
 Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	282888		
223	61.8	31.4	94.2	
227	62.7	32.1	96.5	





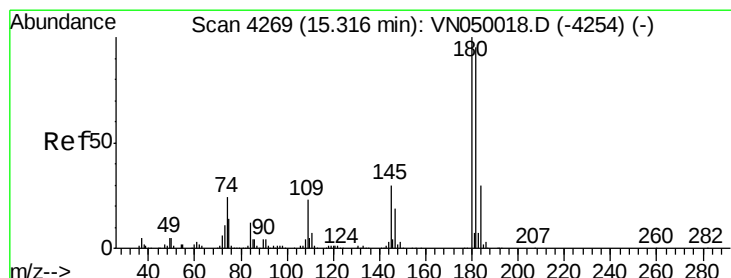
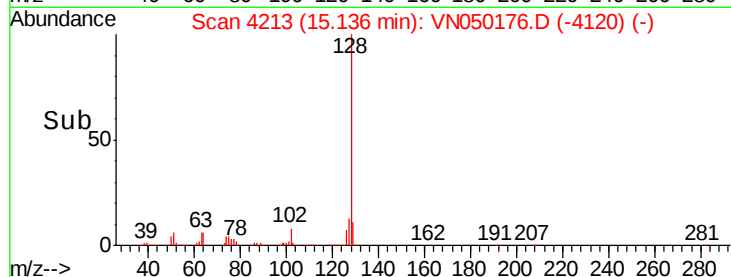
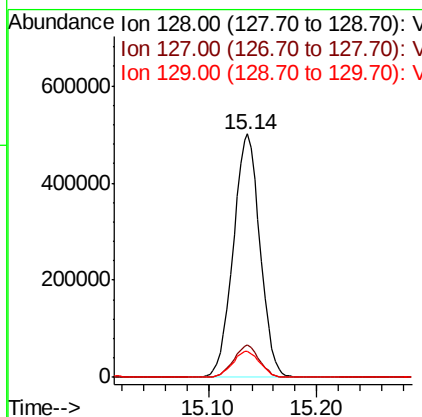
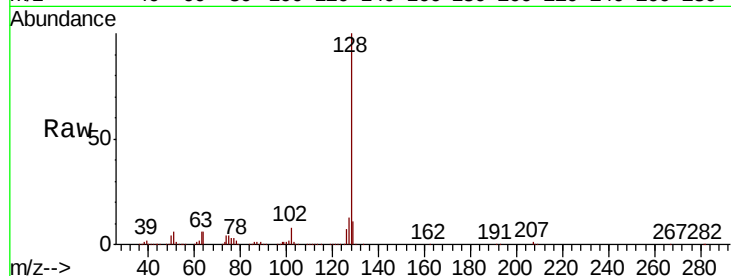
#95
Naphthalene
Concen: 40.65 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.39 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050176.D
Acq: 30 Jul 2018 10:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.4
145	30.4	15.3	45.9

