

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050674.D
 Acq On : 15 Aug 2018 23:53
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 1:19:08 PM

Quant Time: Aug 16 05:02:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	646209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	930935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	862032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	443814	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	404138	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	369597	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	10.09	98	1391967	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	461464	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	340395	46.72	ug/l	99
3) Chloromethane	2.06	50	433359	48.80	ug/l	98
4) Vinyl Chloride	2.18	62	456907	47.21	ug/l	100
5) Bromomethane	2.56	94	257326	49.45	ug/l	98
6) Chloroethane	2.70	64	276137	51.39	ug/l	99
7) Trichlorofluoromethane	3.01	101	592931	46.69	ug/l	99
8) Diethyl Ether	3.41	74	214155	50.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	365346	47.58	ug/l	99
10) Methyl Iodide	3.95	142	250717	46.50	ug/l	99
11) Tert butyl alcohol	4.80	59	134826	303.14	ug/l	99
12) 1,1-Dichloroethene	3.73	96	336053	47.93	ug/l	98
13) Acrolein	3.61	56	36249	212.41	ug/l	96
14) Allyl chloride	4.32	41	524896	48.13	ug/l	99
15) Acrylonitrile	5.00	53	677919	277.52	ug/l	100
16) Acetone	3.82	43	584345	287.53	ug/l	98
17) Carbon Disulfide	4.05	76	1024436	46.43	ug/l	100
18) Methyl Acetate	4.33	43	330051	57.85	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	972633	54.50	ug/l	100
20) Methylene Chloride	4.55	84	399034	51.58	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	373927	49.19	ug/l	96
22) Diisopropyl ether	5.96	45	1190264	53.23	ug/l	98
23) Vinyl Acetate	5.90	43	4048003	276.73	ug/l	99
24) 1,1-Dichloroethane	5.85	63	697264	48.19	ug/l	100
25) 2-Butanone	6.84	43	965676	289.15	ug/l	99
26) 2,2-Dichloropropane	6.83	77	401255	41.43	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	417942	49.37	ug/l	98
28) Bromochloromethane	7.20	49	335678	50.98	ug/l	100
29) Tetrahydrofuran	7.22	42	520422	298.44	ug/l	100
30) Chloroform	7.37	83	705744	48.13	ug/l	98
31) Cyclohexane	7.65	56	612482	49.60	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	599022	48.53	ug/l	100
36) 1,1-Dichloropropene	7.79	75	533761	51.51	ug/l	100
37) Ethyl Acetate	6.93	43	356234	60.81	ug/l	99
38) Carbon Tetrachloride	7.78	117	532360	49.52	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	568041	52.94	ug/l	99
40) Benzene	8.04	78	1622637	51.47	ug/l	99
41) Methacrylonitrile	7.18	41	200659	63.36	ug/l	94
42) 1,2-Dichloroethane	8.13	62	497578	51.50	ug/l	100
43) Isopropyl Acetate	8.17	43	598454	56.06	ug/l	97
44) Trichloroethene	8.84	130	418178	49.52	ug/l	99
45) 1,2-Dichloropropane	9.12	63	427722	50.96	ug/l	99
46) Dibromomethane	9.21	93	258560	52.17	ug/l	97
47) Bromodichloromethane	9.40	83	538475	50.83	ug/l	99
48) Methyl methacrylate	9.20	41	308650	57.46	ug/l	98
49) 1,4-Dioxane	9.20	88	84991	1201.04	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2194278	303.93	ug/l	100
52) Toluene	10.16	92	998610	53.05	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	514534	52.15	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	594869	52.56	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	371190	52.78	ug/l	99
56) Ethyl methacrylate	10.43	69	476591	53.01	ug/l	99
57) 1,3-Dichloropropane	10.71	76	614652	53.32	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1126548	261.67	ug/l	100
59) 2-Hexanone	10.75	43	1469750	315.41	ug/l	100
60) Dibromochloromethane	10.90	129	415299	53.51	ug/l	99
61) 1,2-Dibromoethane	11.01	107	365331	54.55	ug/l	99
64) Tetrachloroethene	10.63	164	395849	49.45	ug/l	99
65) Chlorobenzene	11.43	112	1072184	49.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	404566	50.31	ug/l	100
67) Ethyl Benzene	11.51	91	1848158	53.35	ug/l	100
68) m/p-Xylenes	11.62	106	1430174	107.95	ug/l	99
69) o-Xylene	11.95	106	684142	54.15	ug/l	99
70) Styrene	11.97	104	1139168	50.69	ug/l	99
71) Bromoform	12.13	173	291375	54.64	ug/l #	99
73) Isopropylbenzene	12.25	105	1800165	51.91	ug/l	100
74) N-amyl acetate	12.07	43	522553	57.92	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	473772	59.28	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	378489m	52.84	ug/l	
77) Bromobenzene	12.53	156	466208	49.52	ug/l	99
78) n-propylbenzene	12.59	91	2062887	53.35	ug/l	99
79) 2-Chlorotoluene	12.68	91	1229936	51.02	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1500718	54.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	103841	52.02	ug/l	99
82) 4-Chlorotoluene	12.77	91	1240391	52.07	ug/l	100
83) tert-Butylbenzene	12.99	119	1273022	52.82	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1535850	55.12	ug/l	99
85) sec-Butylbenzene	13.17	105	1678157	53.29	ug/l	100
86) p-Isopropyltoluene	13.29	119	1463415	54.84	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	806181	50.30	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	793378	49.88	ug/l	99
89) n-Butylbenzene	13.62	91	1154463	53.57	ug/l	99
90) Hexachloroethane	13.88	117	257938	48.07	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	791599	50.63	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	68667	55.50	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	387670	48.40	ug/l	99
94) Hexachlorobutadiene	15.01	225	234175	48.85	ug/l	99
95) Naphthalene	15.13	128	821261	48.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	377676	50.37	ug/l	99

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

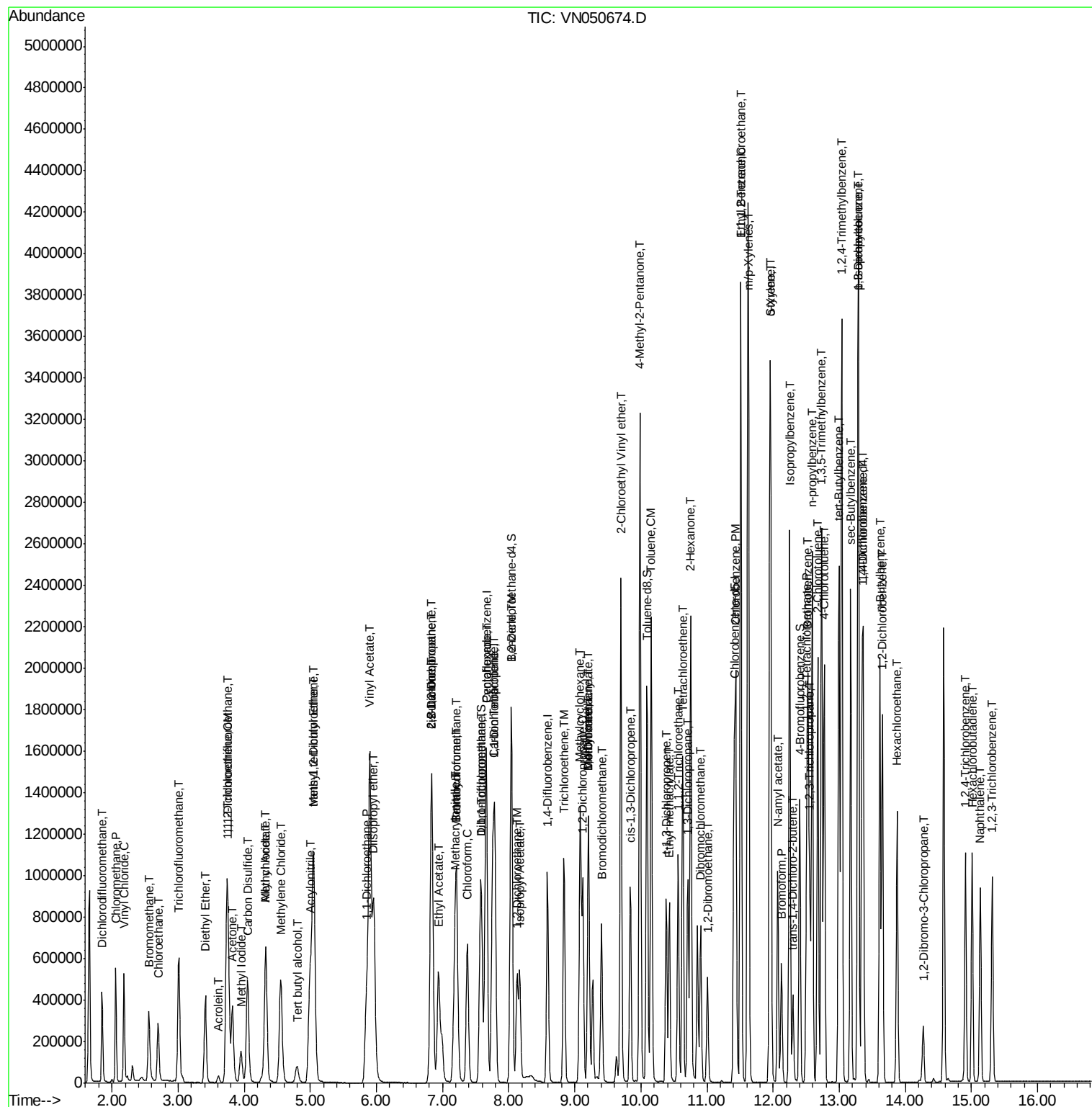
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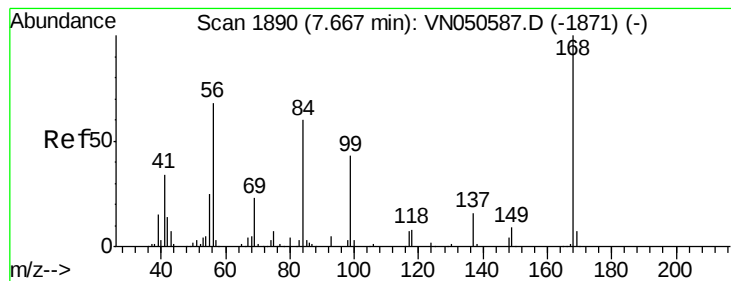
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 646209

Ion Ratio Lower Upper

168 100

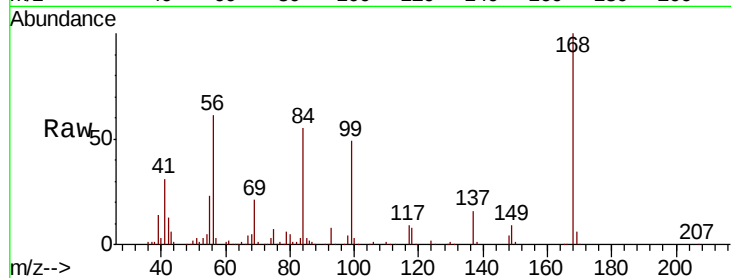
99 49.4 40.8 61.2

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

7.67

250000

200000

150000

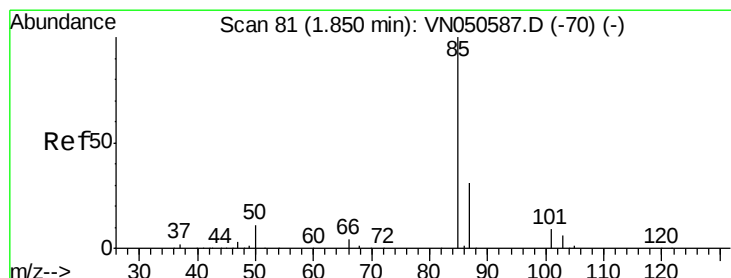
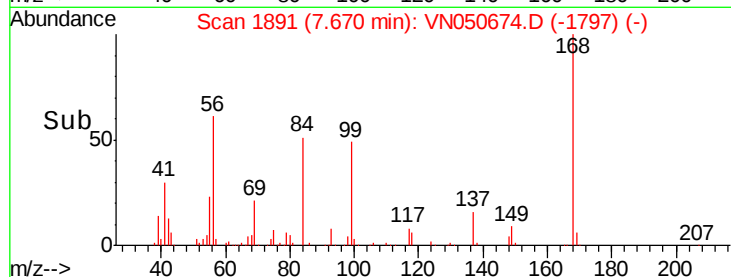
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.72 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050674.D

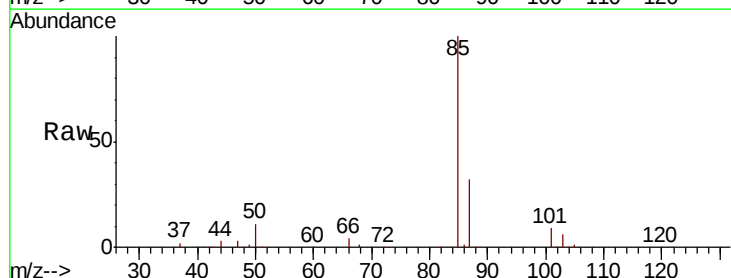
Acq: 15 Aug 2018 23:53

Tgt Ion: 85 Resp: 340395

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

150000

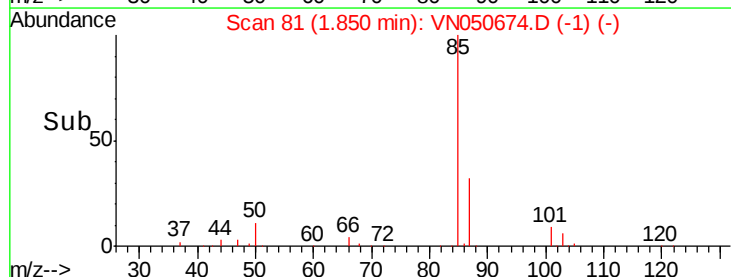
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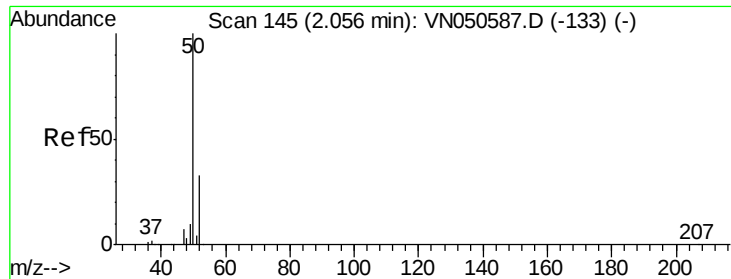
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 48.80 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 433359

Ion Ratio Lower Upper

50 100

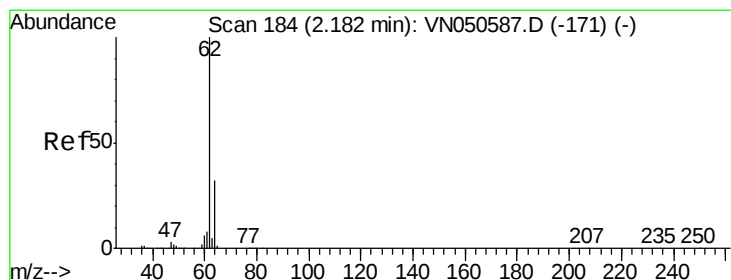
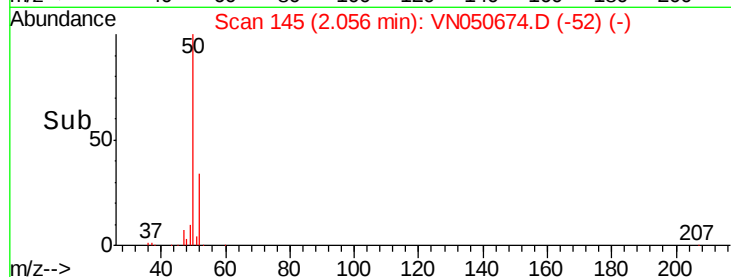
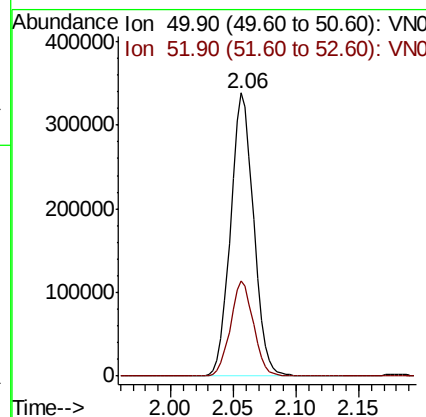
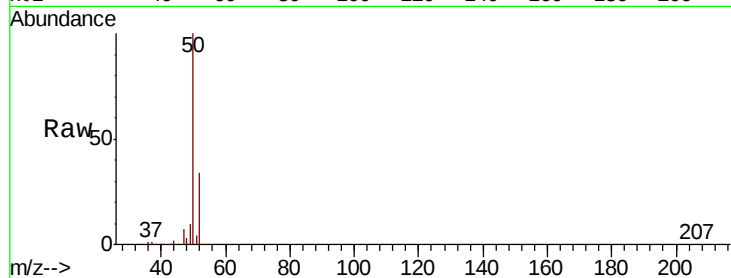
52 33.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.21 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050674.D

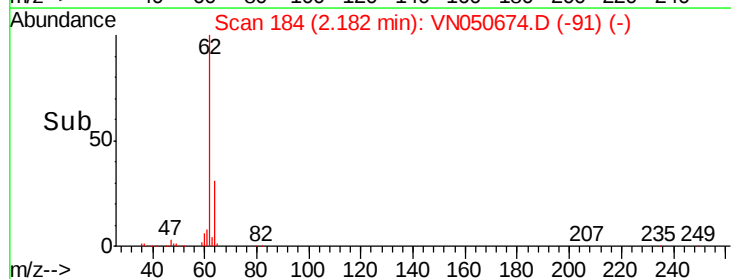
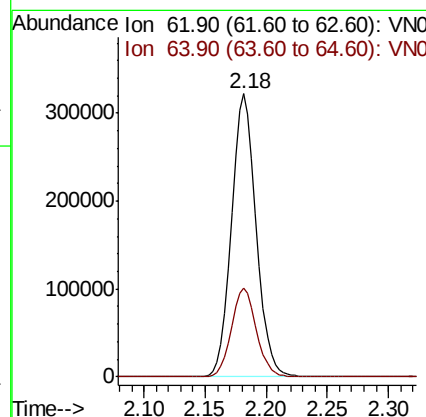
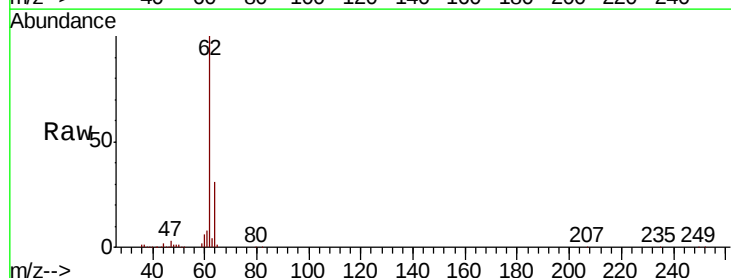
Acq: 15 Aug 2018 23:53

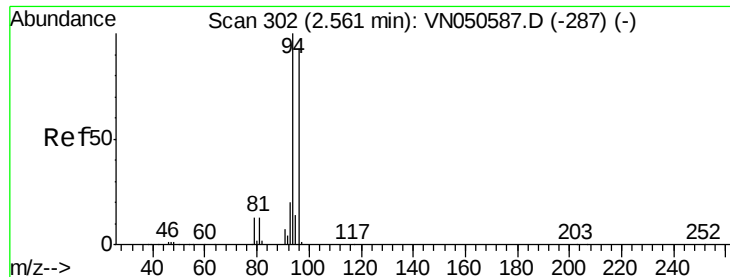
Tgt Ion: 62 Resp: 456907

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8





#5

Bromomethane

Concen: 49.45 ug/l

RT: 2.56 min Scan# 301

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 257326

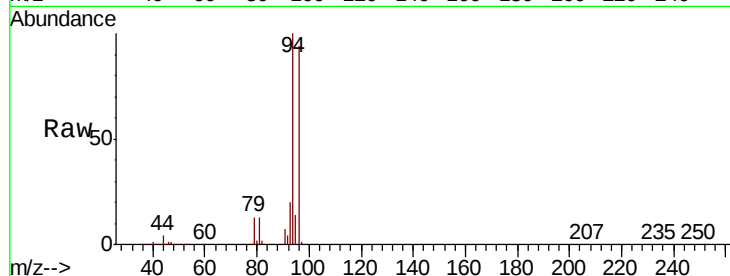
Ion Ratio Lower Upper

94 100

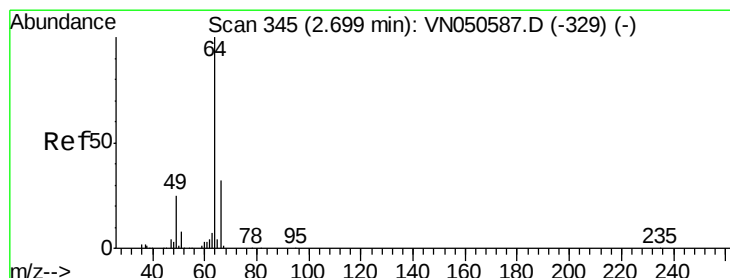
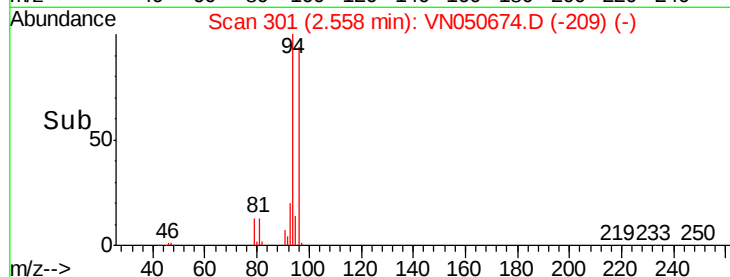
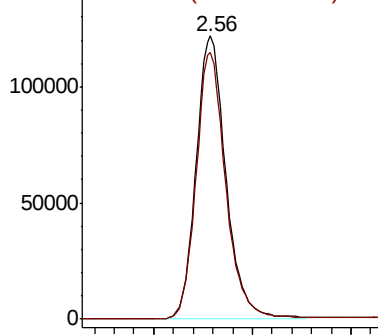
96 94.4 74.0 111.0

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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: 51.39 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VN050674.D

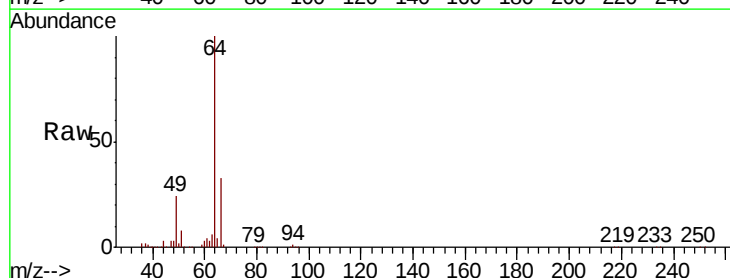
Acq: 15 Aug 2018 23:53

Tgt Ion: 64 Resp: 276137

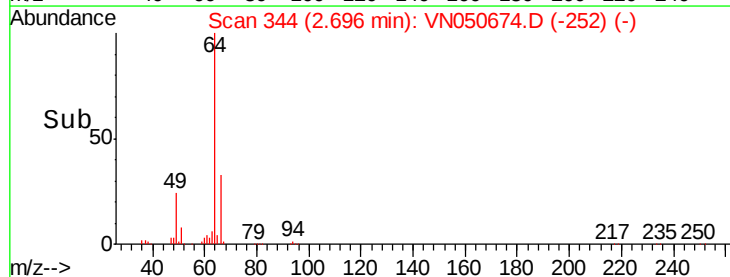
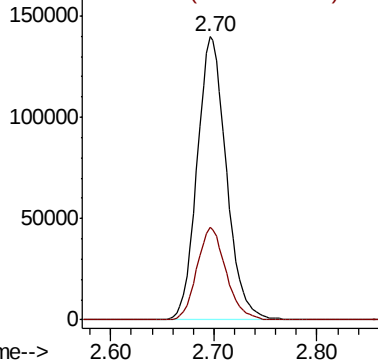
Ion Ratio Lower Upper

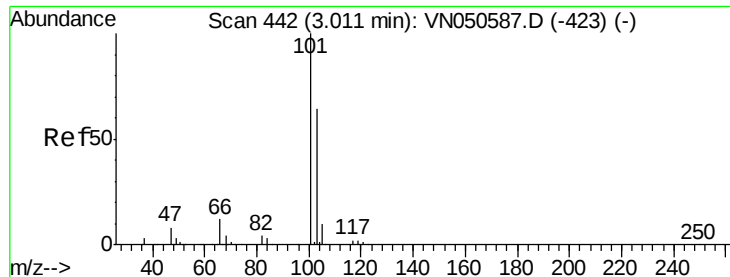
64 100

66 32.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO





#7

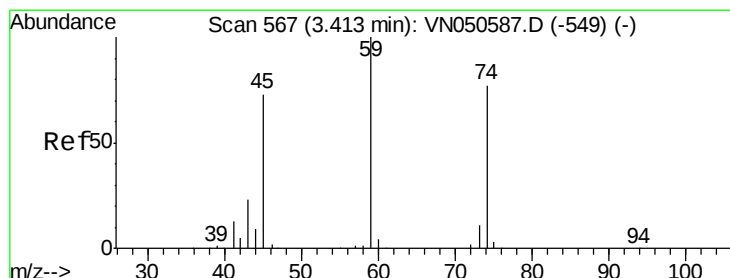
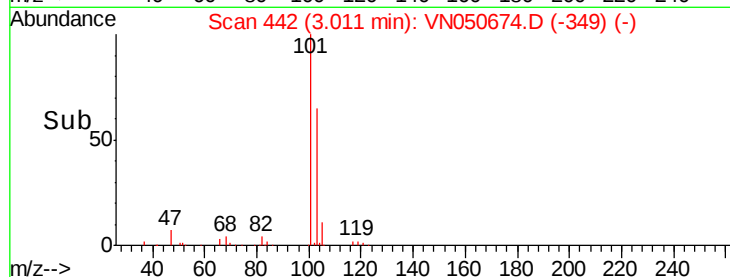
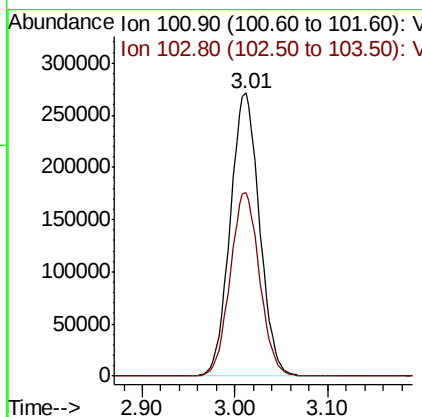
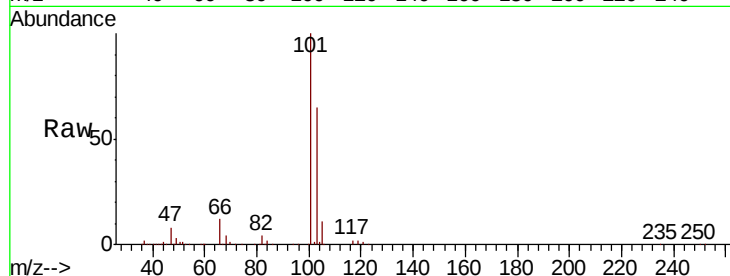
Trichlorofluoromethane
 Concen: 46.69 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.4	77.0

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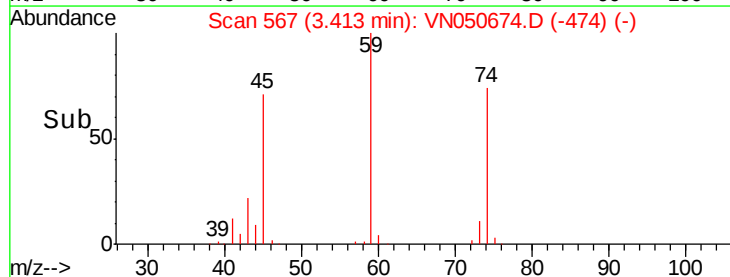
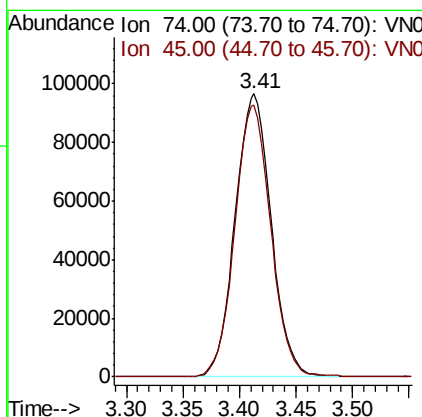
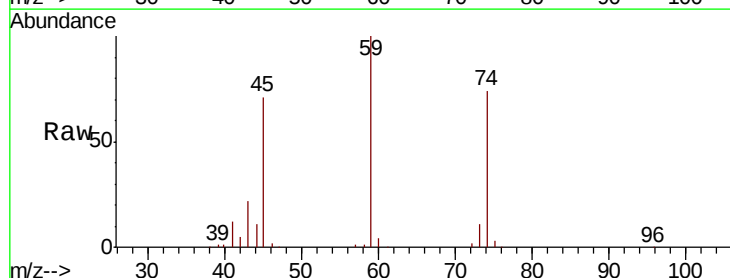
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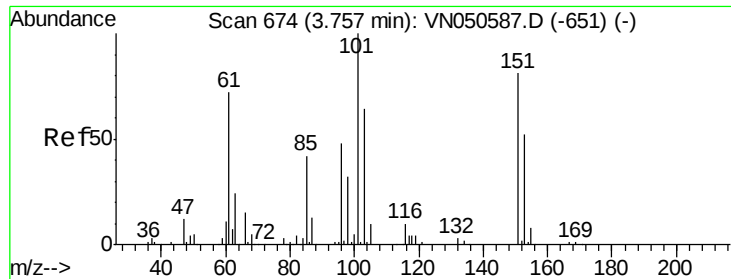


#8

Diethyl Ether
 Concen: 50.70 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.58 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

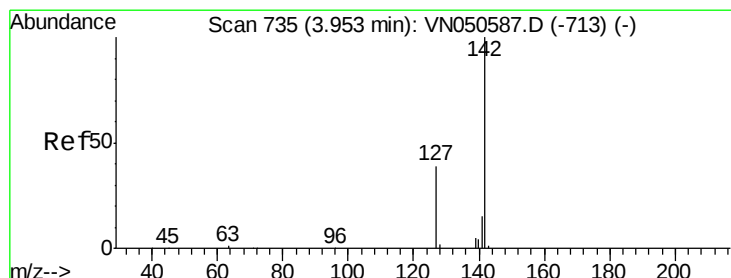
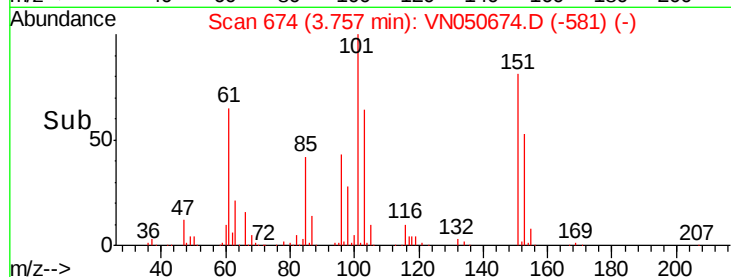
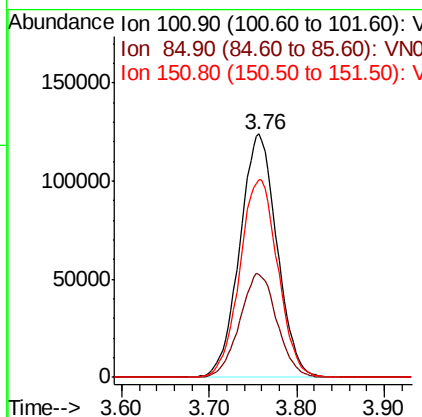
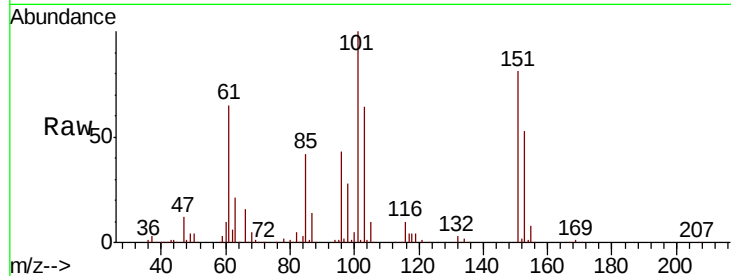
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	365346
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.4	50.0
151	83.0	66.6	100.0

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#10

Methyl Iodide

Concen: 46.50 ug/l

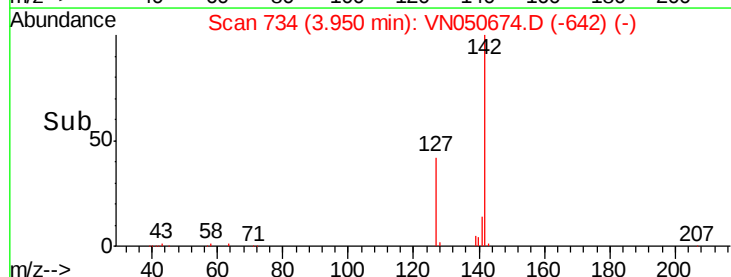
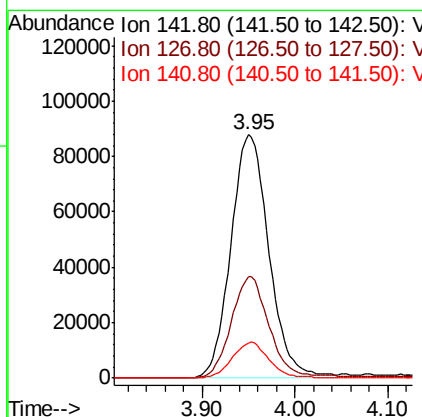
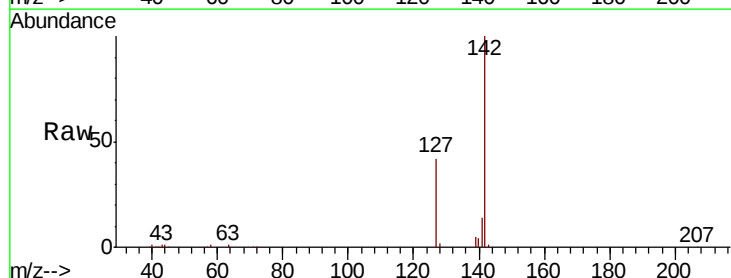
RT: 3.95 min Scan# 734

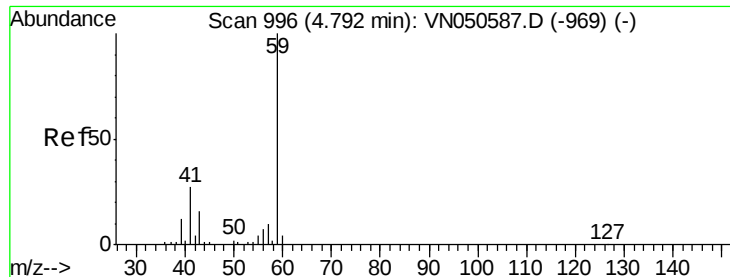
Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion:	142	Resp:	250717
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.6	49.0
141	14.2	11.5	17.3





#11

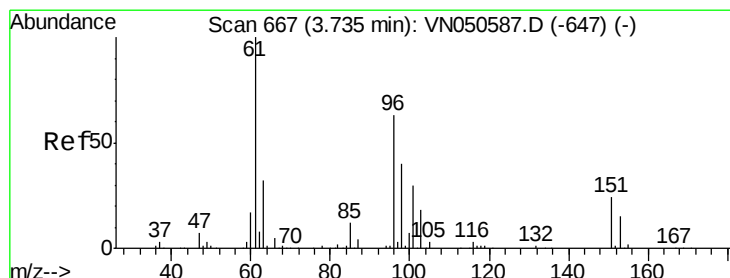
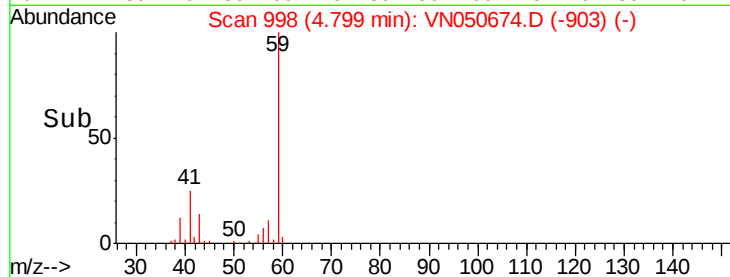
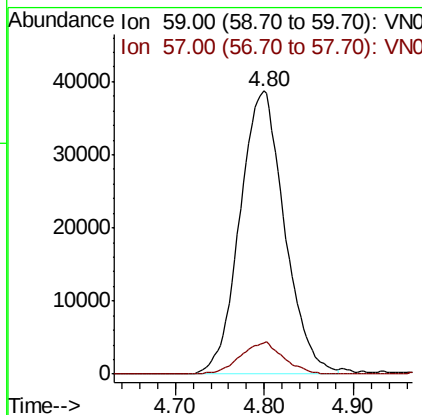
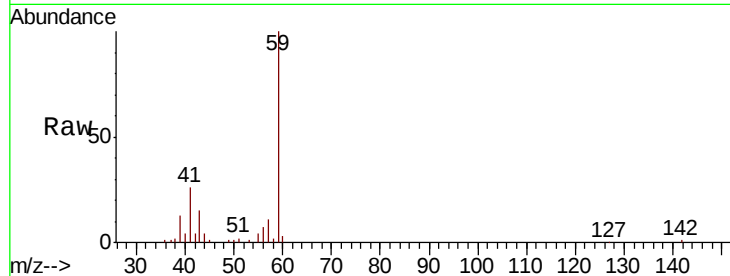
Tert butyl alcohol
 Concen: 303.14 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	134826
Ion Ratio	100	Lower	Upper
57	10.9	8.4	12.6

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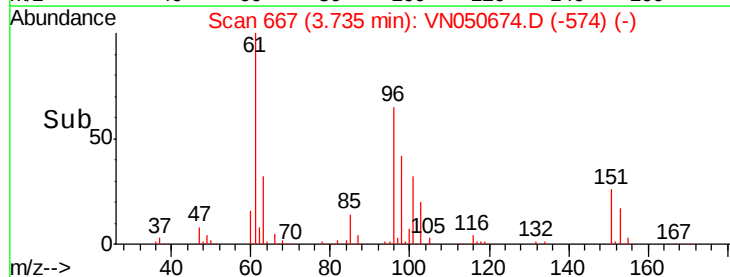
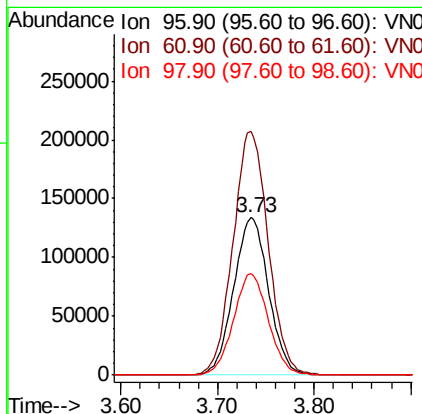
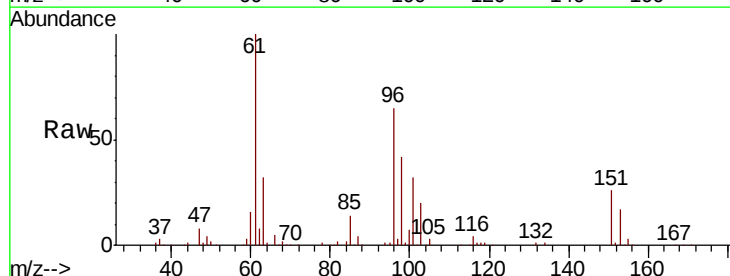
MMDadoda
 8/16/2018 1:19:08 PM

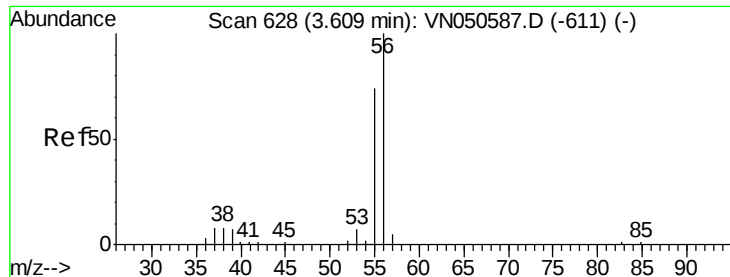


#12

1,1-Dichloroethene
 Concen: 47.93 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	96	Resp	336053
Ion Ratio	100	Lower	Upper
61	154.6	126.9	190.3
98	64.8	51.1	76.7





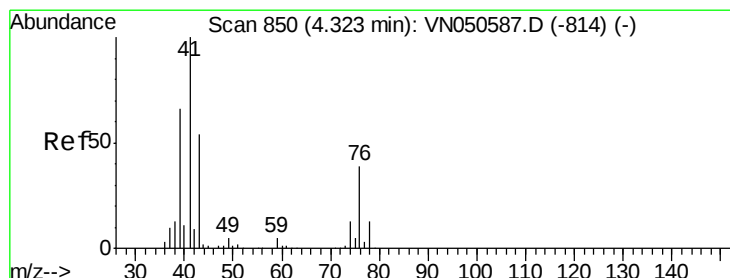
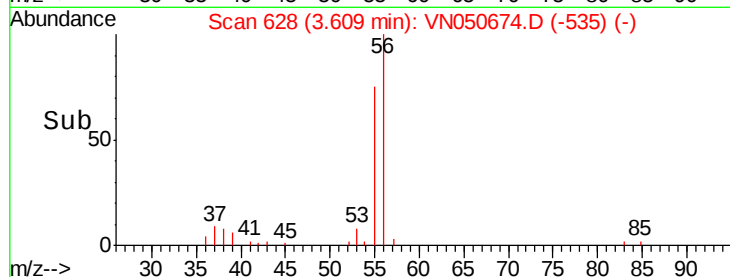
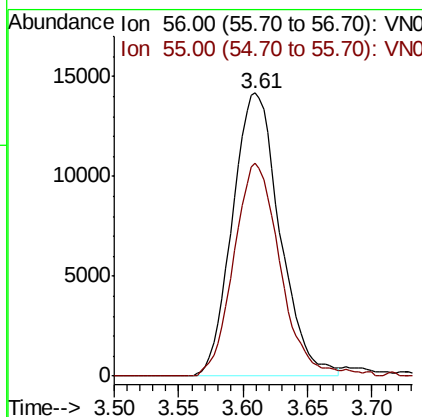
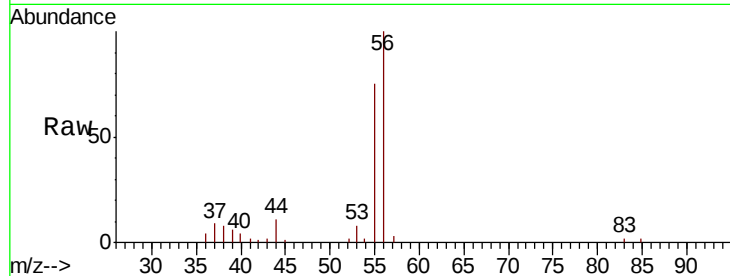
#13
Acrolein
Concen: 212.41 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	36249
Ion Ratio	100	Lower	Upper
55	74.0	56.3	84.5

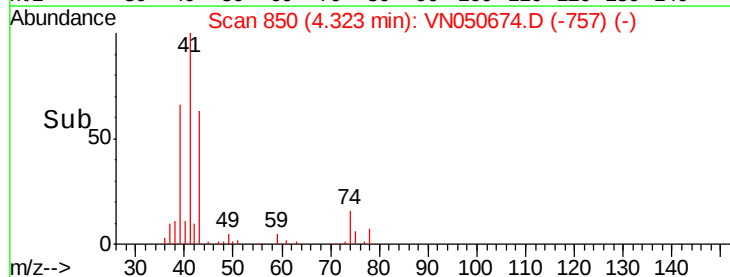
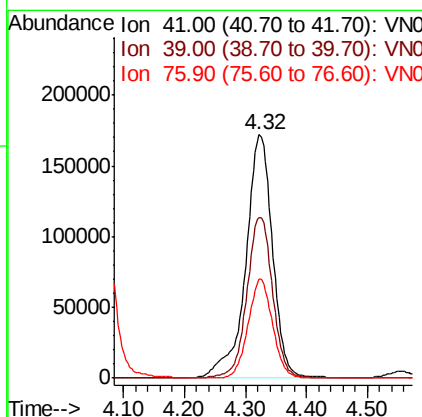
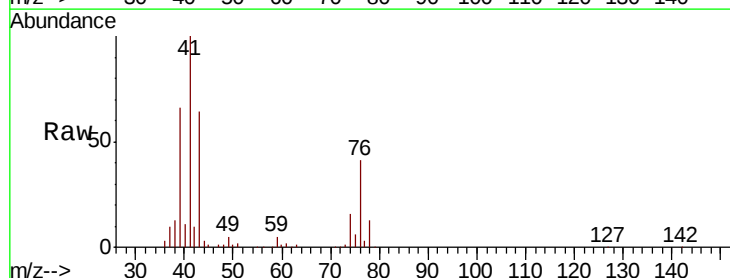
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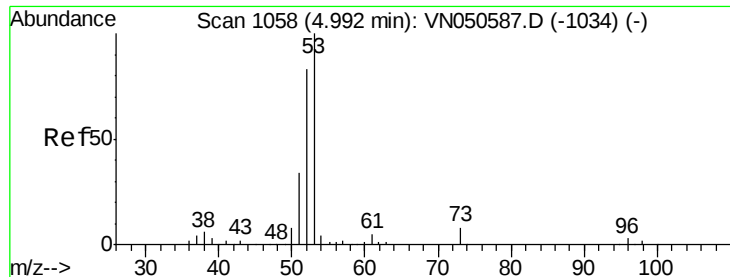
MMDadoda
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#14
Allyl chloride
Concen: 48.13 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	41	Resp	524896
Ion Ratio	100	Lower	Upper
39	63.3	51.4	77.0
76	37.0	29.4	44.0





#15

Acrylonitrile

Concen: 277.52 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

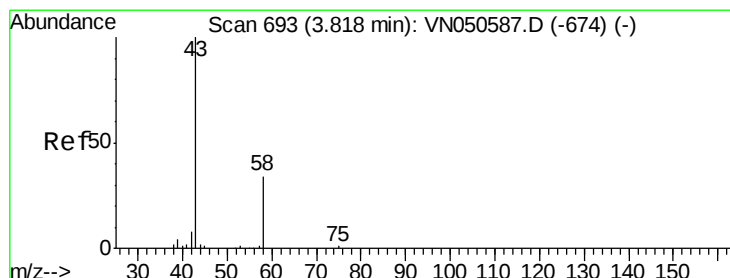
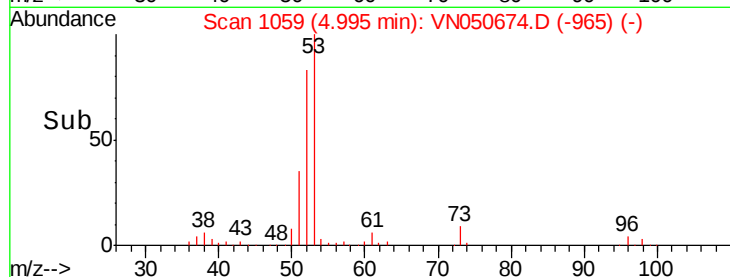
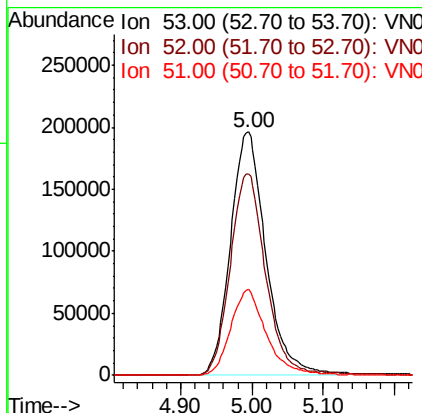
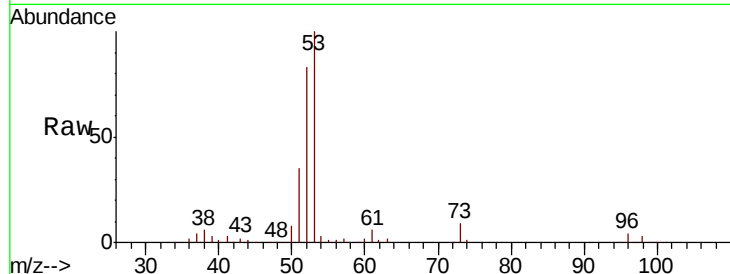
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	677919
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	35.6	28.6	43.0

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#16

Acetone

Concen: 287.53 ug/l

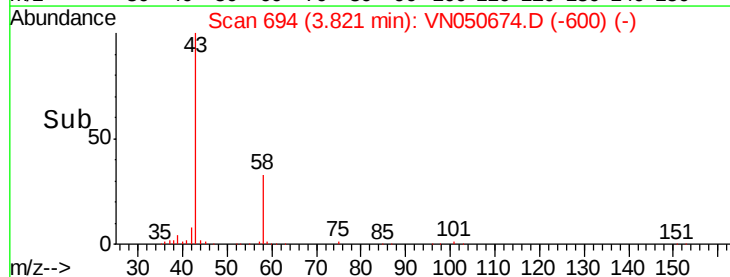
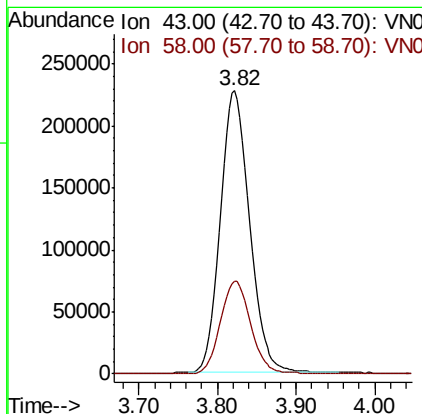
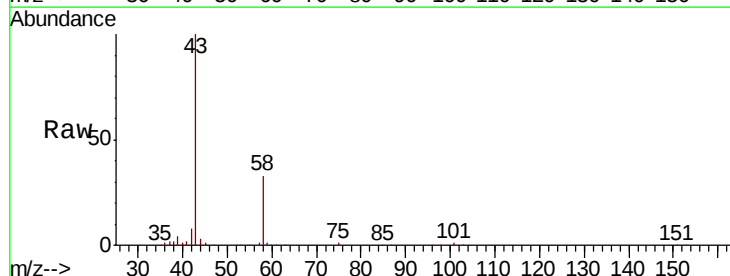
RT: 3.82 min Scan# 694

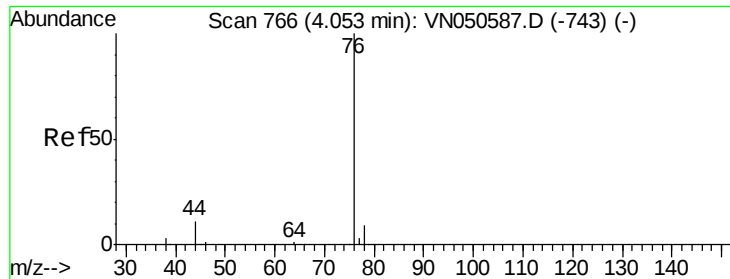
Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion:	43	Resp:	584345
Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.1	40.7





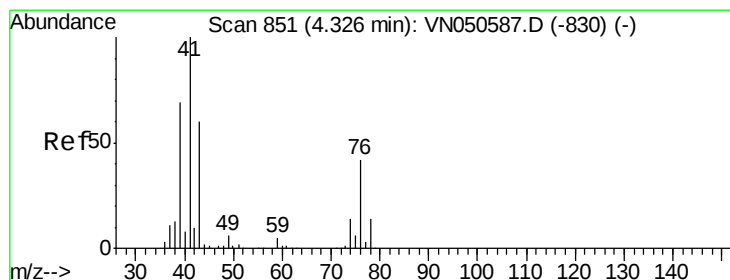
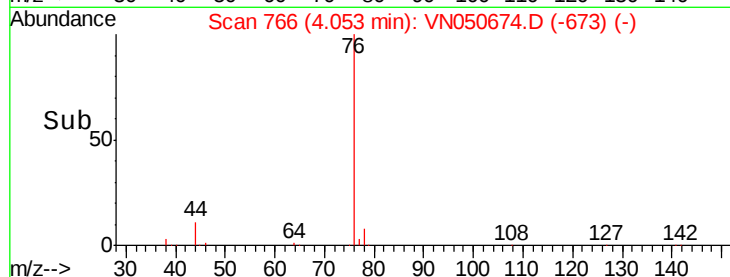
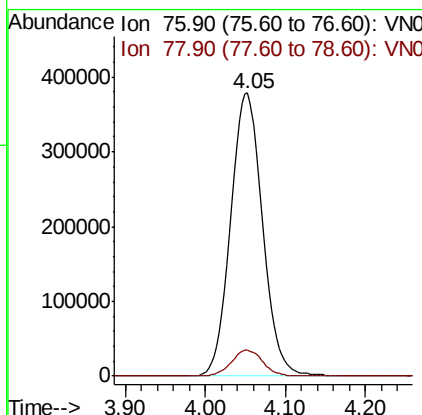
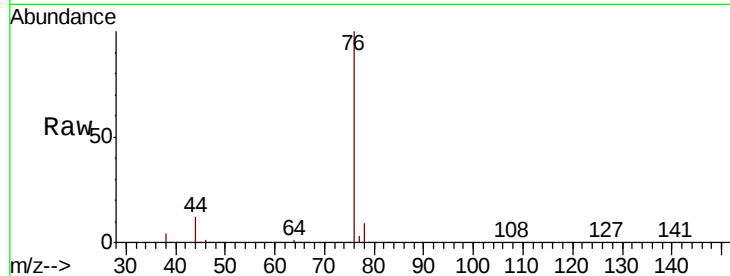
#17
Carbon Disulfide
Concen: 46.43 ug/l
RT: 4.05 min Scan# 766
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1024436
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

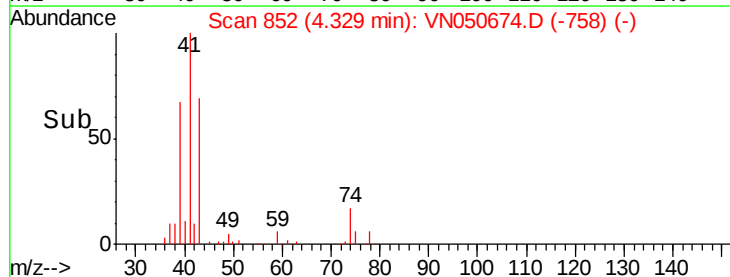
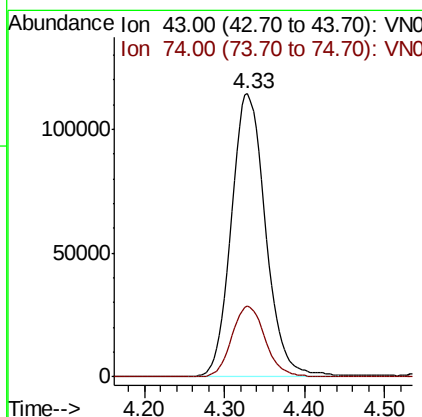
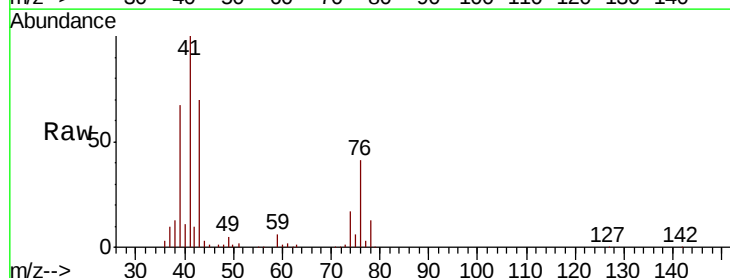
Manual Integrations
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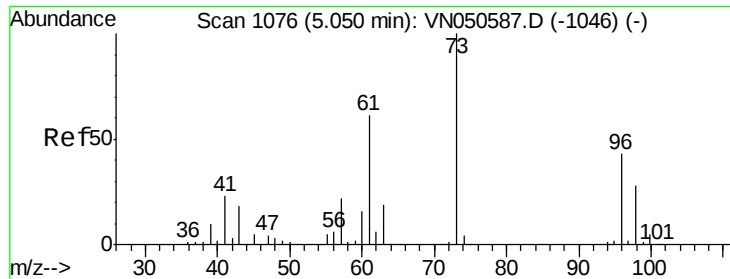
MMDadoda
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#18
Methyl Acetate
Concen: 57.85 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 43 Resp: 330051
Ion Ratio Lower Upper
43 100
74 24.5 19.7 29.5





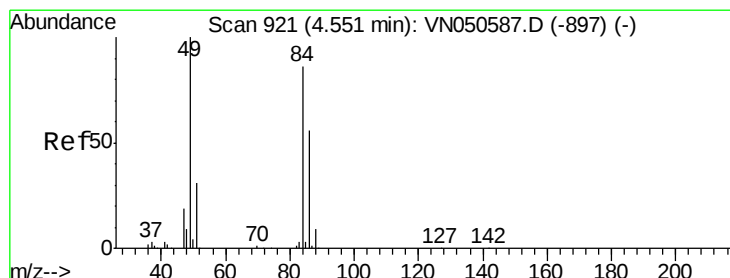
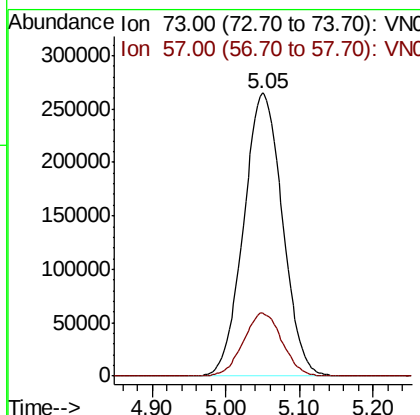
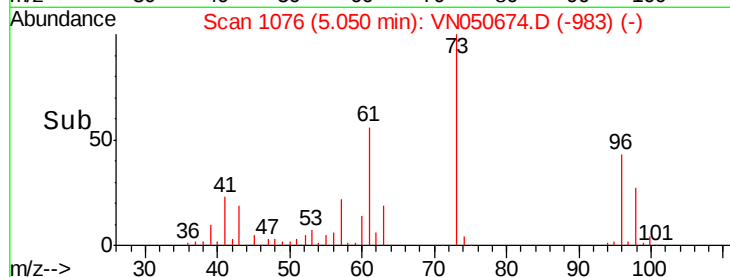
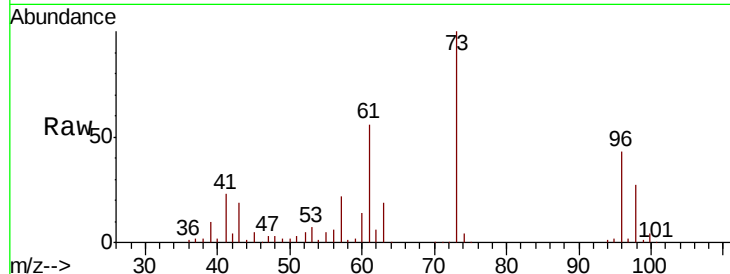
#19
Methvl tert-butvl Ether
Concen: 54.50 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.9	26.9

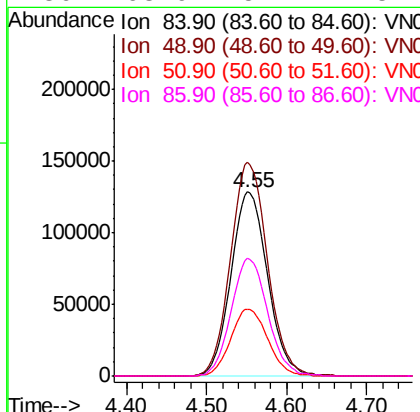
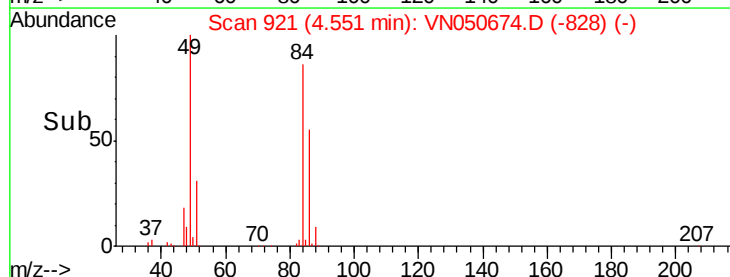
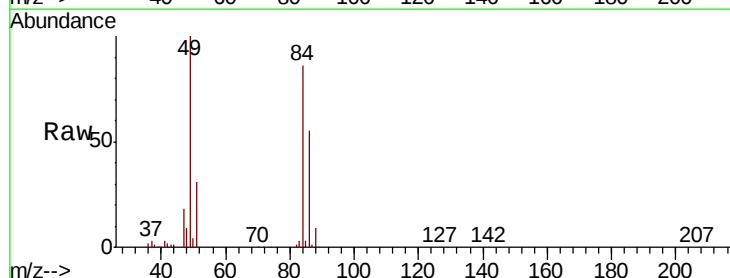
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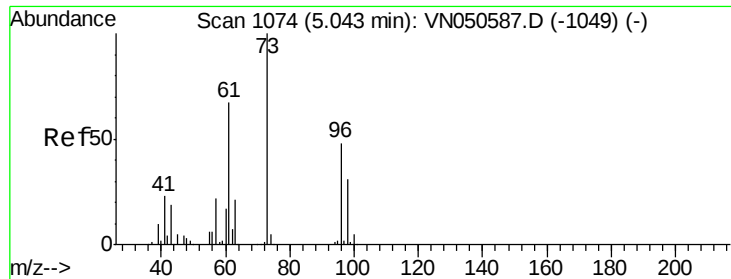
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#20
Methylene Chloride
Concen: 51.58 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	92.6	138.8
51	36.3	28.6	43.0
86	63.9	52.2	78.2





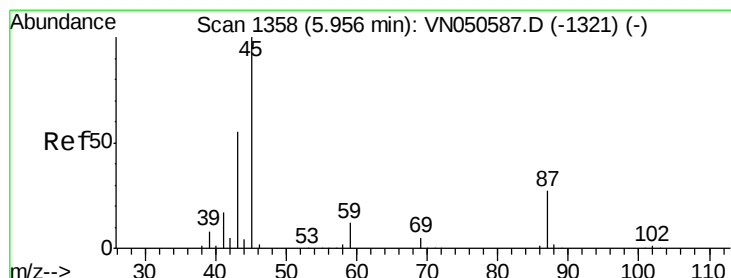
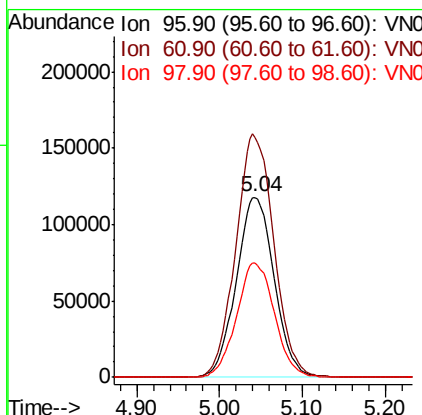
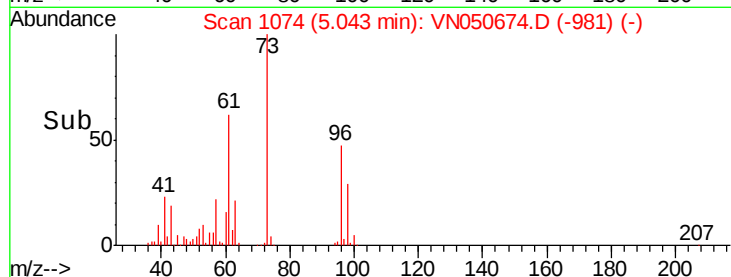
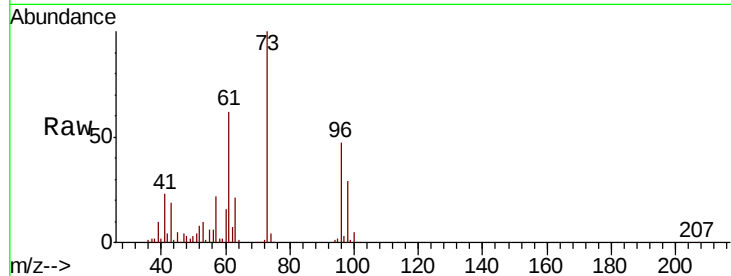
#21
trans-1,2-Dichloroethene
Concen: 49.19 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.1	111.2	166.8
98	63.3	51.6	77.4

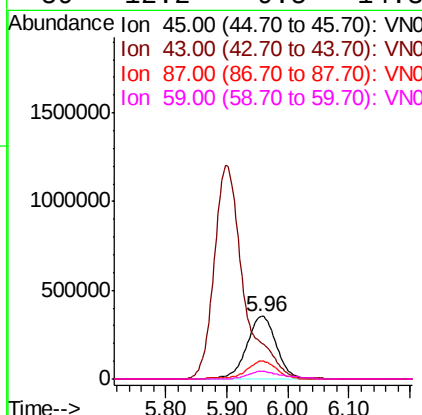
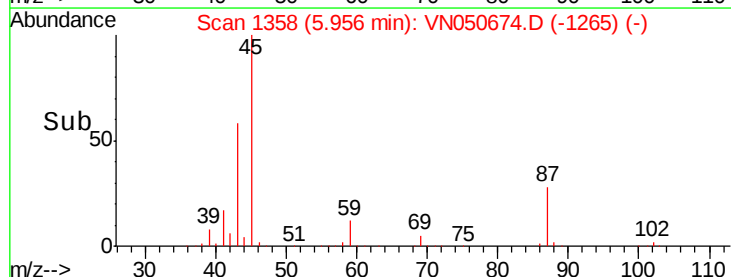
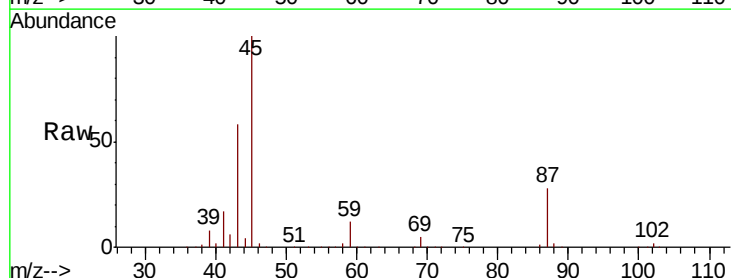
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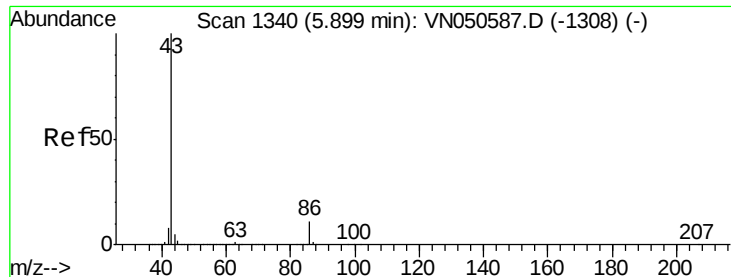
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#22
Diisopropyl ether
Concen: 53.23 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.4	44.5	66.7
87	28.3	22.2	33.2
59	12.2	9.5	14.3





#23

Vinyl Acetate

Concen: 276.73 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4048003

Ion Ratio Lower Upper

43 100

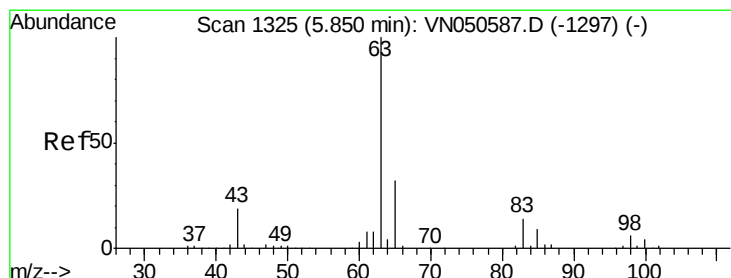
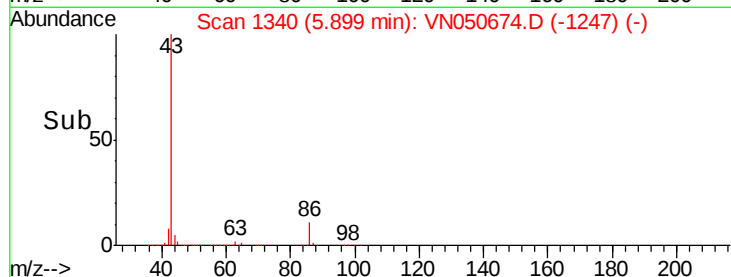
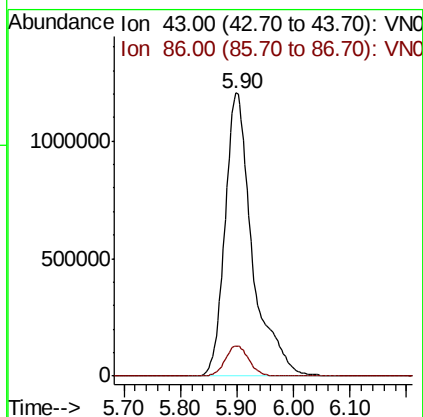
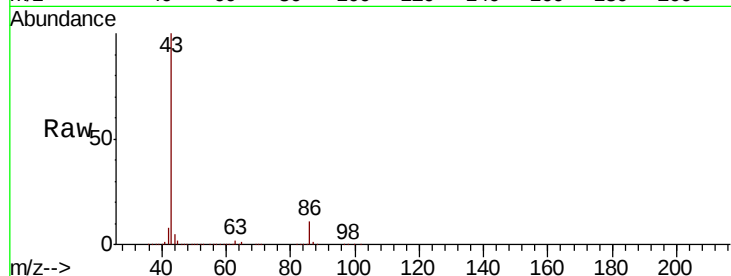
86 10.7 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.19 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

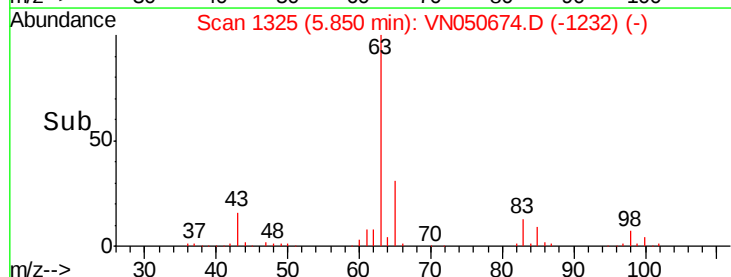
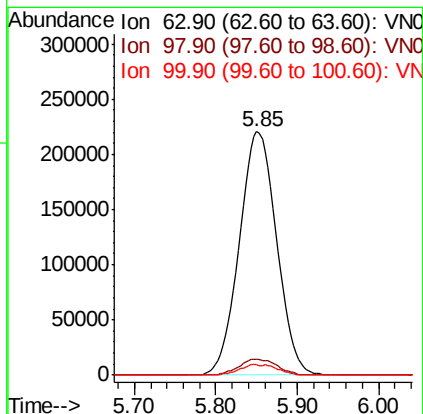
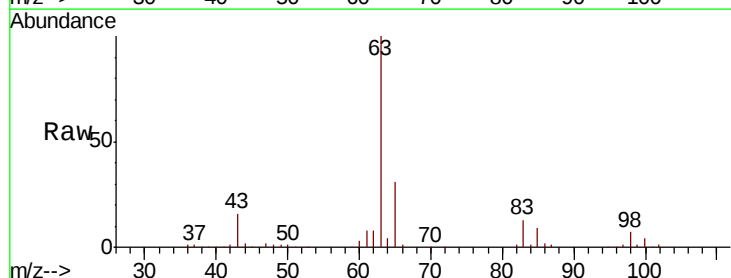
Tgt Ion: 63 Resp: 697264

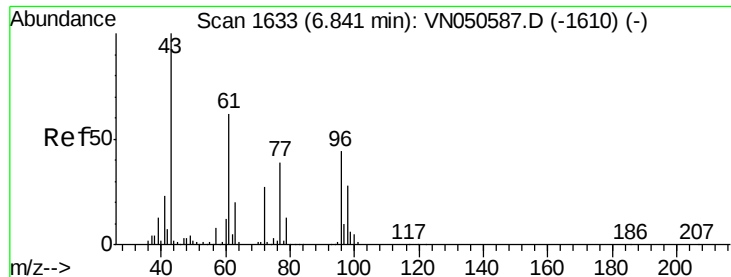
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 289.15 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 965676

Ion Ratio Lower Upper

43 100

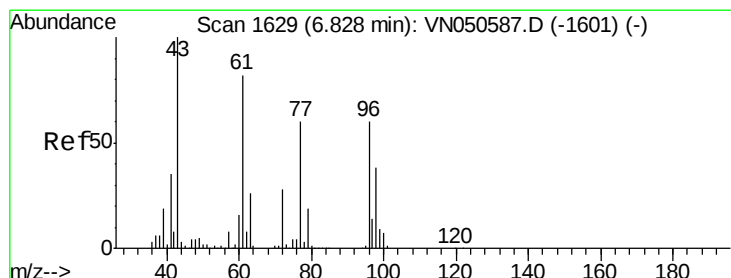
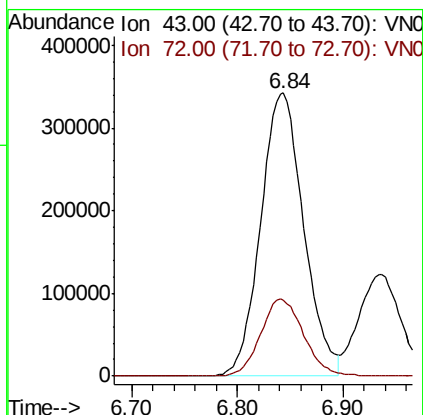
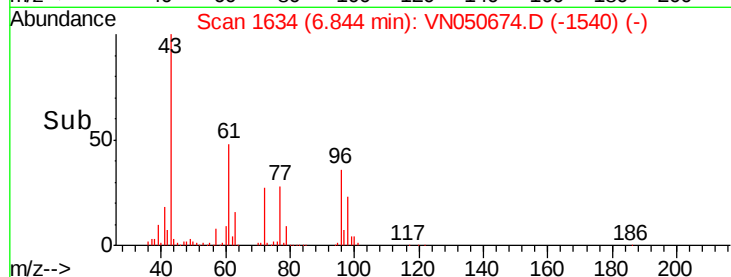
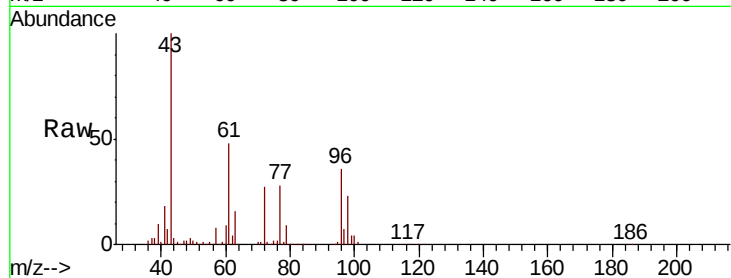
72 26.7 21.8 32.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.43 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN050674.D

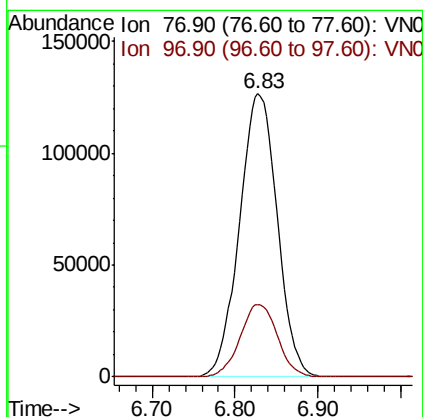
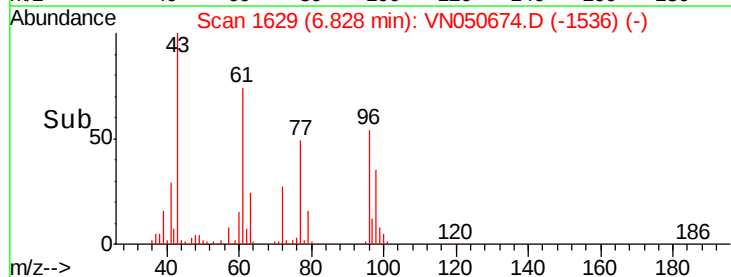
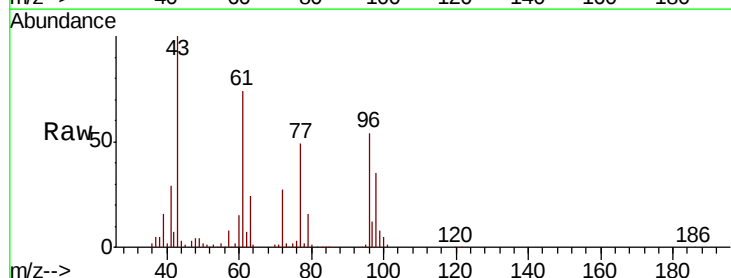
Acq: 15 Aug 2018 23:53

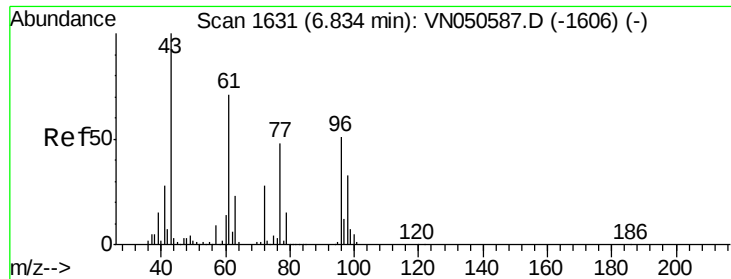
Tgt Ion: 77 Resp: 401255

Ion Ratio Lower Upper

77 100

97 25.3 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 49.37 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

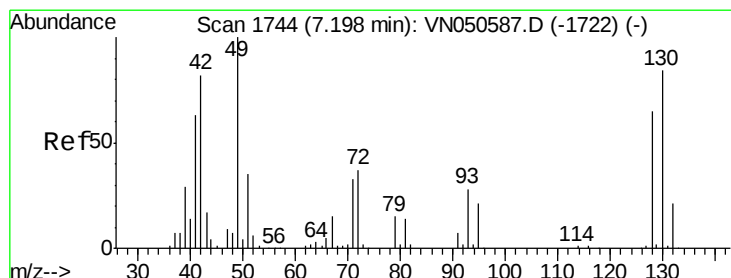
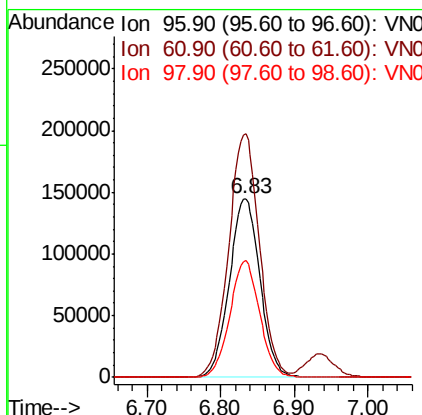
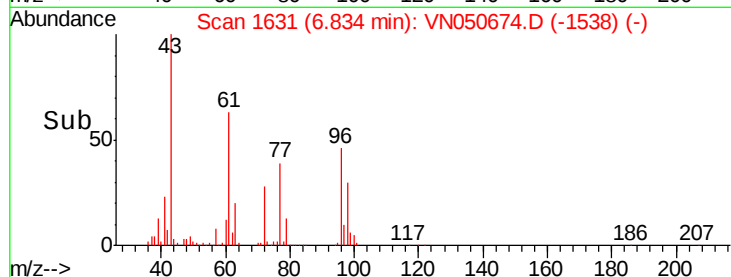
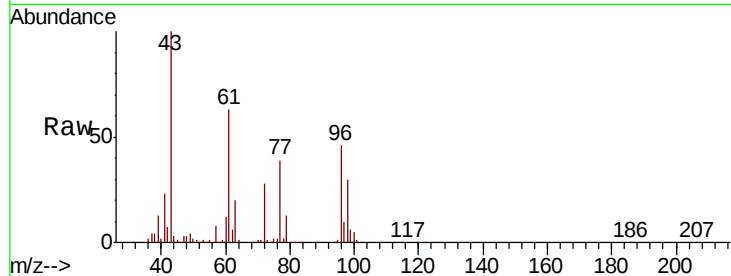
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	417942
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	278.2
98	63.7	0.0	128.8

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#28

Bromochloromethane

Concen: 50.98 ug/l

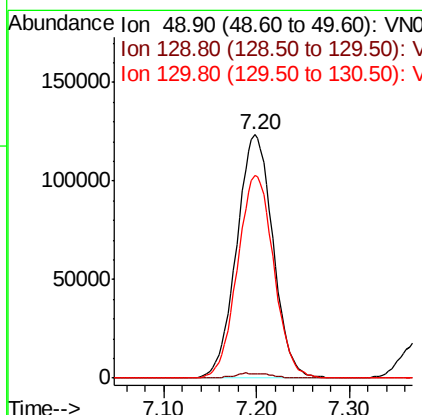
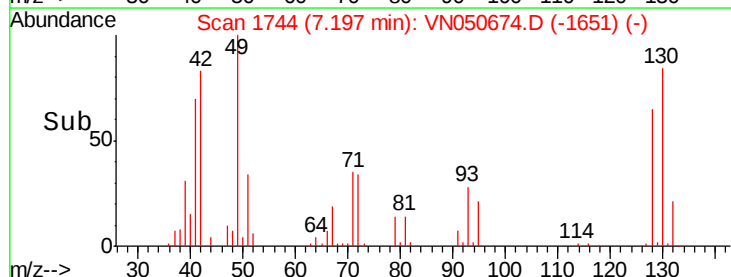
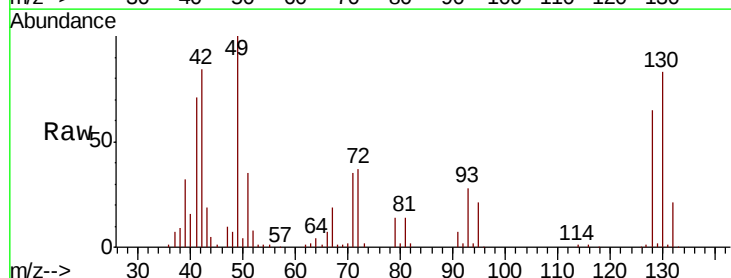
RT: 7.20 min Scan# 1744

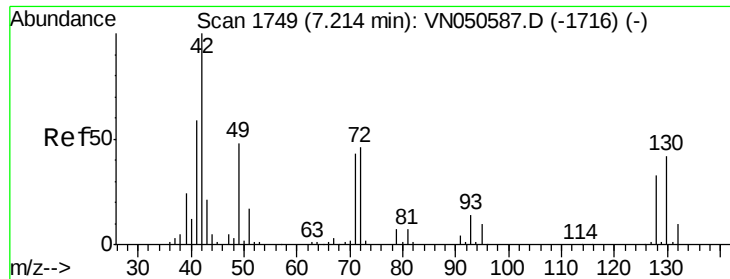
Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion:	49	Resp:	335678
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.2
130	83.5	66.8	100.2





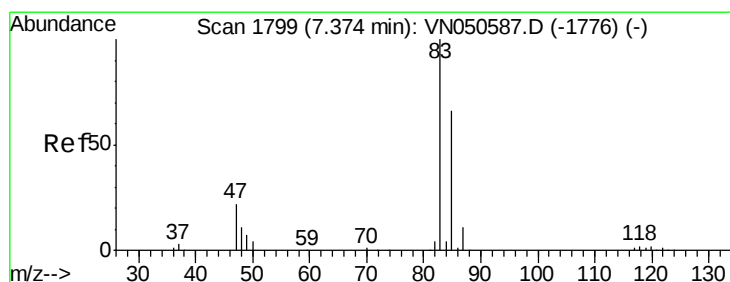
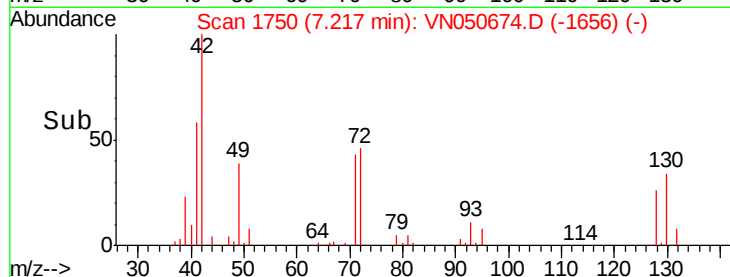
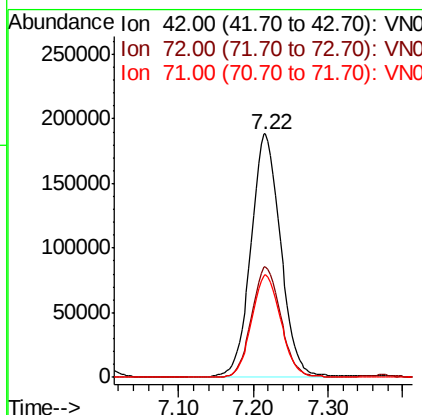
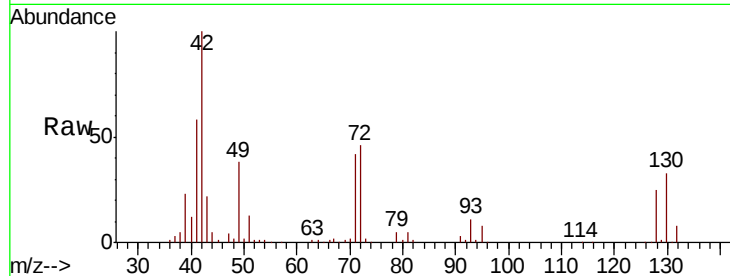
#29
Tetrahydrofuran
Concen: 298.44 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.8	53.6
71	41.7	33.4	50.0

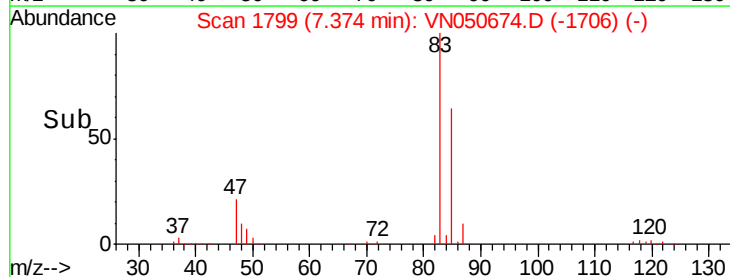
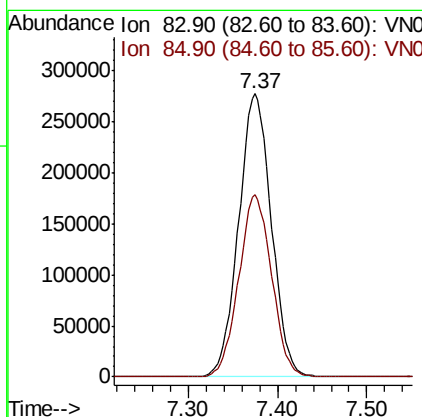
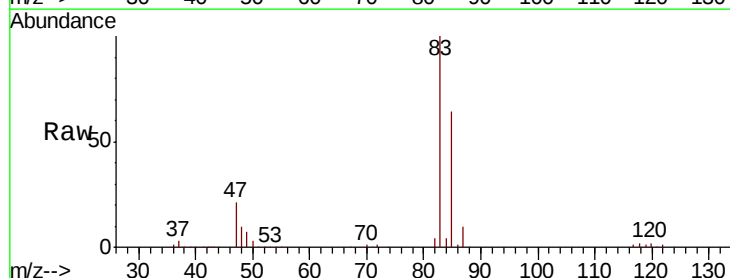
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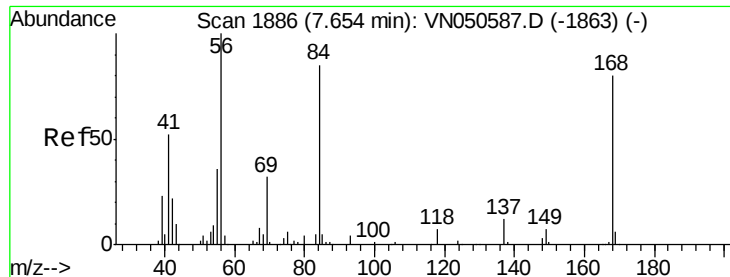
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#30
Chloroform
Concen: 48.13 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7





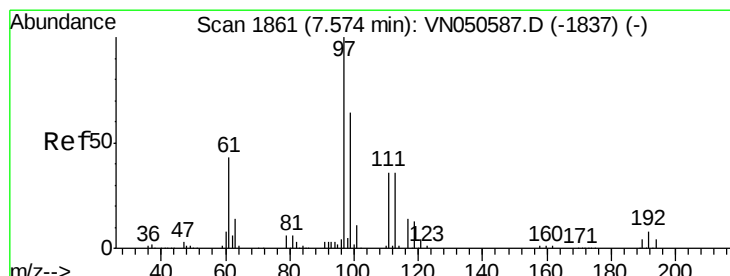
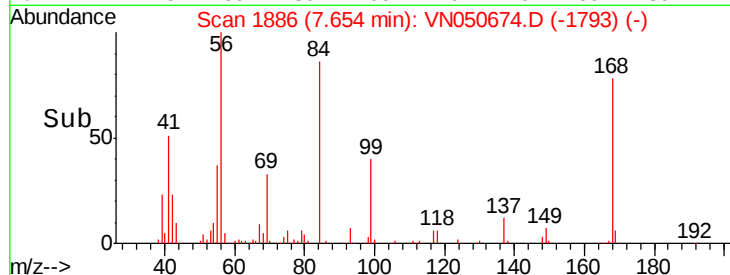
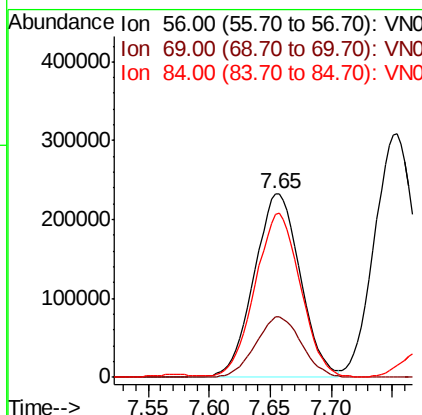
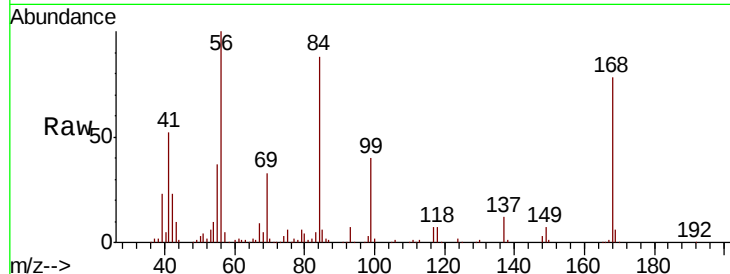
#31
Cyclohexane
Concen: 49.60 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.8	38.6
84	87.3	67.8	101.6

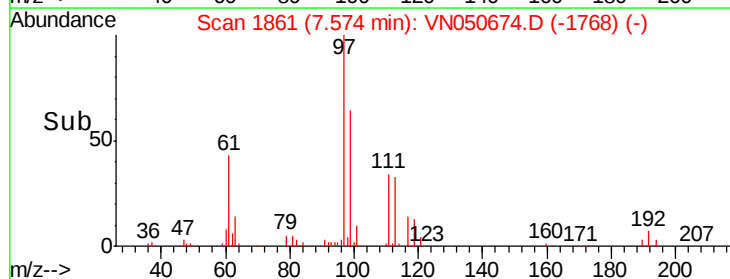
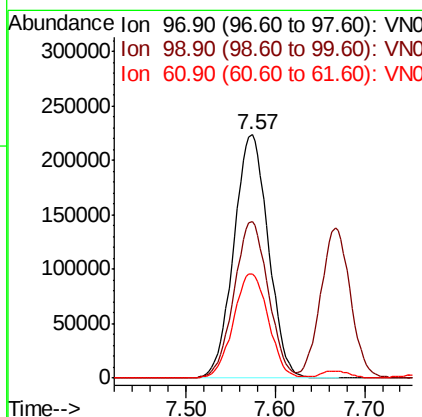
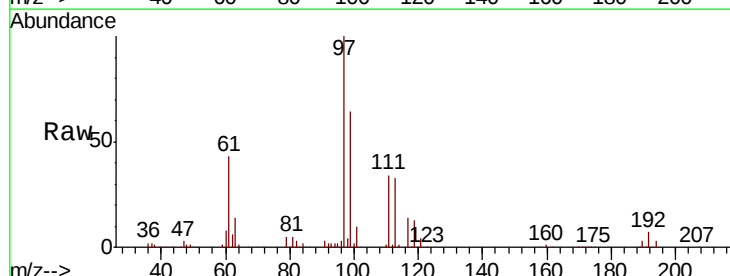
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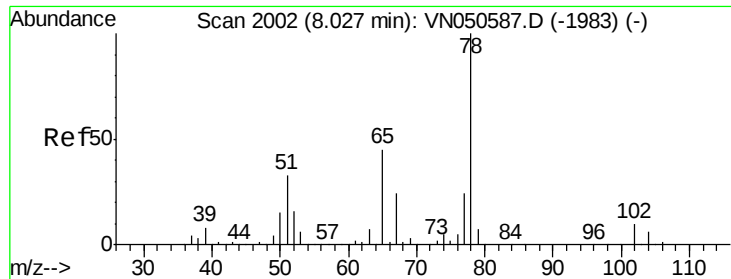
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#32
1,1,1-Trichloroethane
Concen: 48.53 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	43.5	34.8	52.2





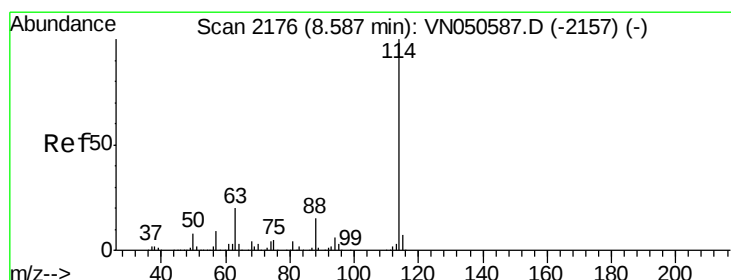
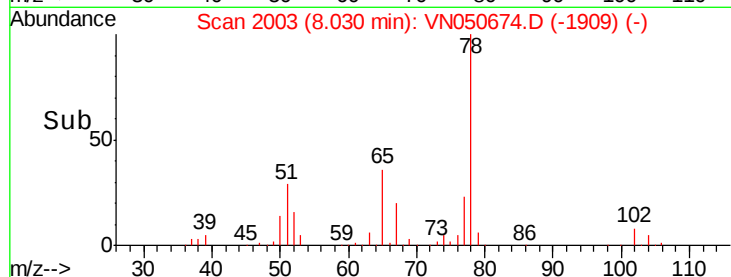
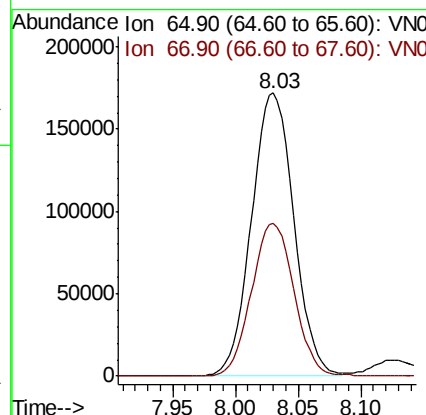
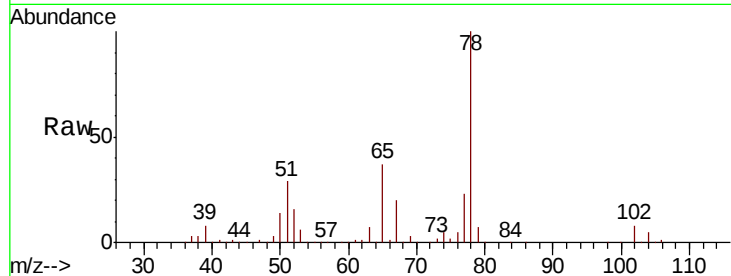
#33
 1,2-Dichloroethane-d4
 Concen: 49.61 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.3	0.0	109.8	

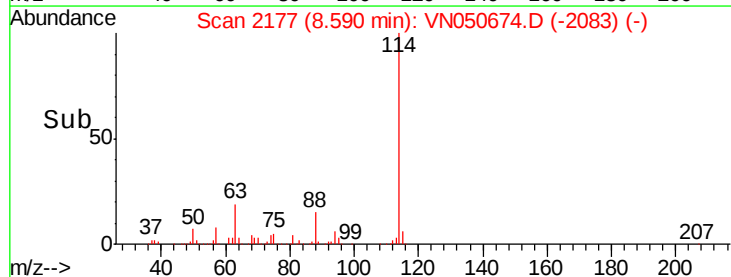
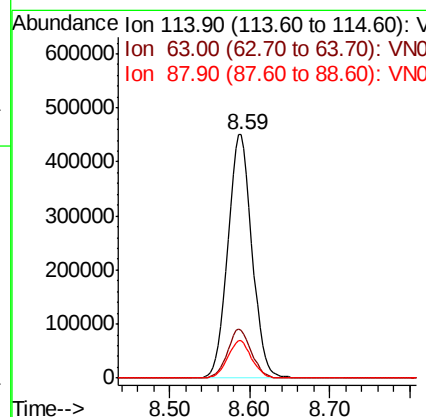
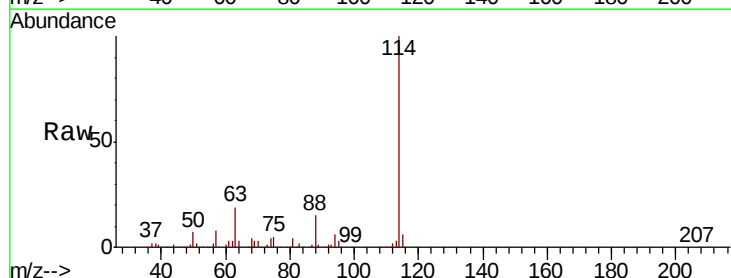
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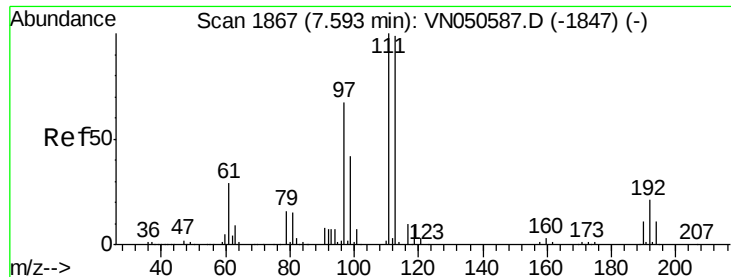
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	40.0	
88	15.2	0.0	30.8	





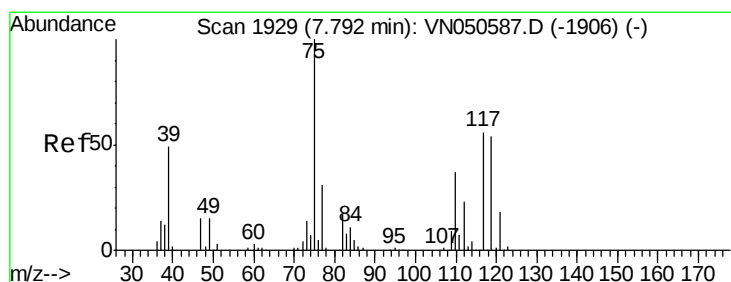
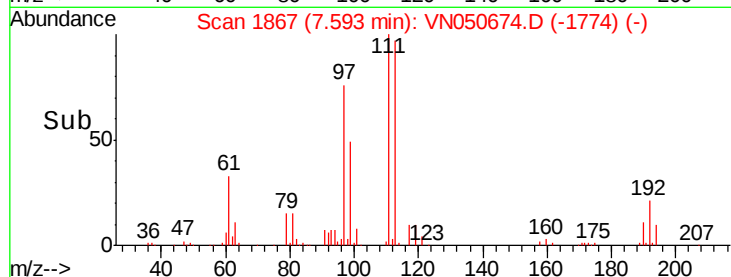
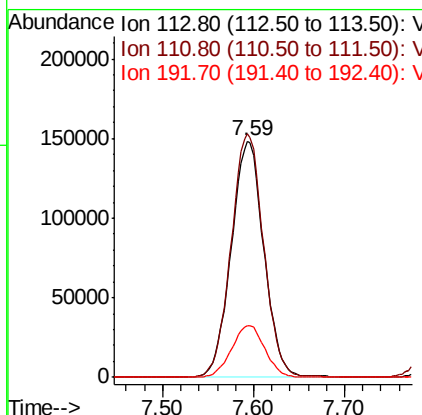
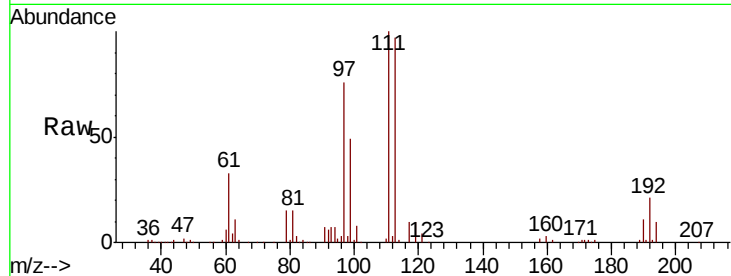
#35
 Dibromofluoromethane
 Concen: 49.73 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	369597		
111	103.0	81.0	121.6	
192	22.3	17.6	26.4	

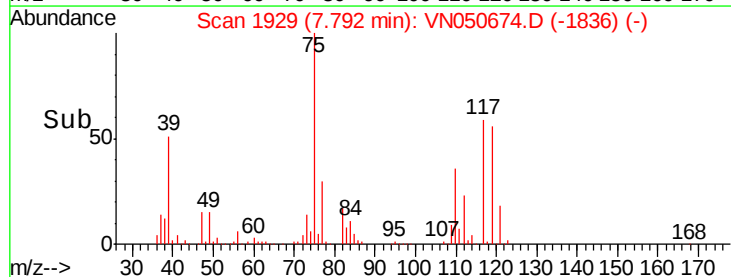
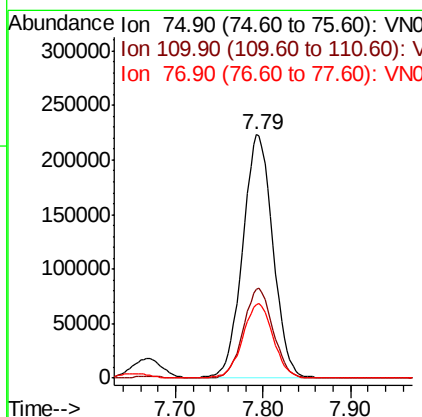
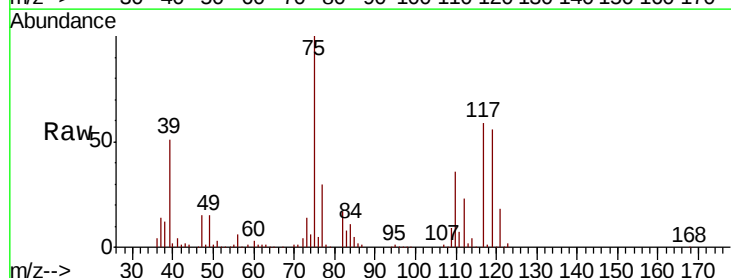
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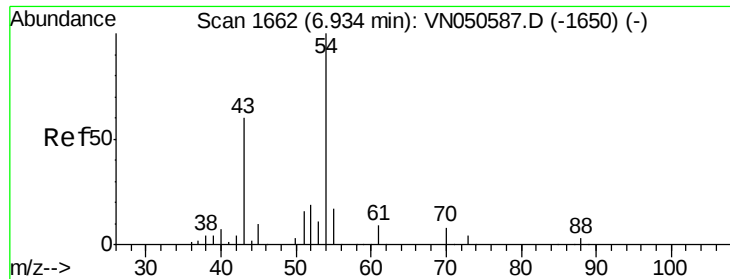
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#36
 1,1-Dichloropropene
 Concen: 51.51 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	533761		
110	36.2	18.3	54.9	
77	31.1	25.0	37.4	





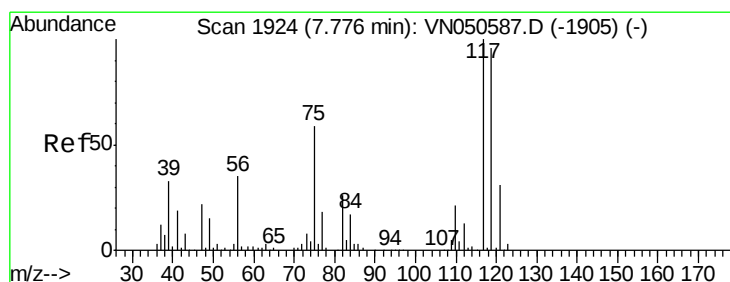
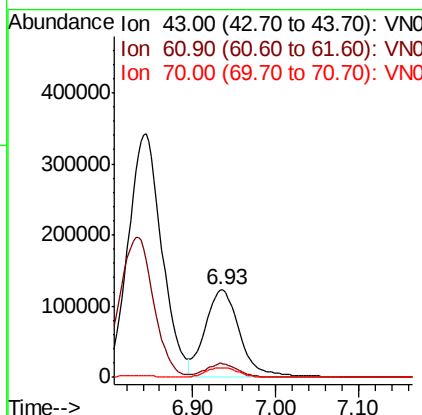
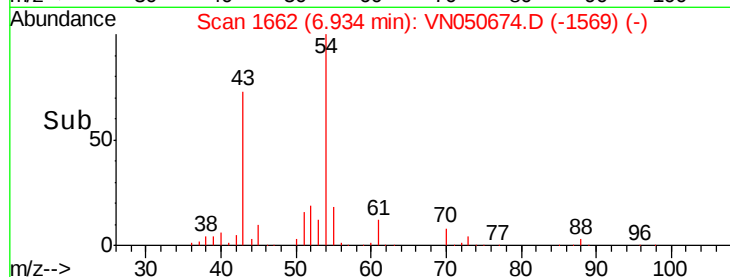
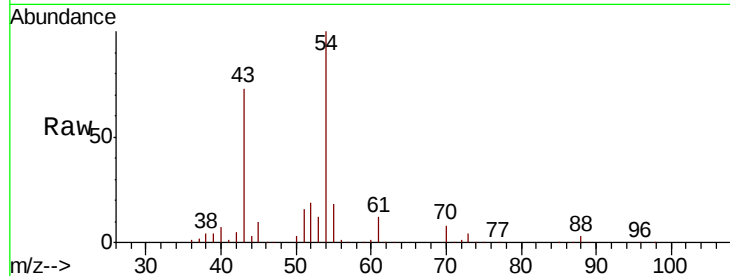
#37
Ethyl Acetate
Concen: 60.81 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	356234
Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.0	18.0
70	10.8	8.5	12.7

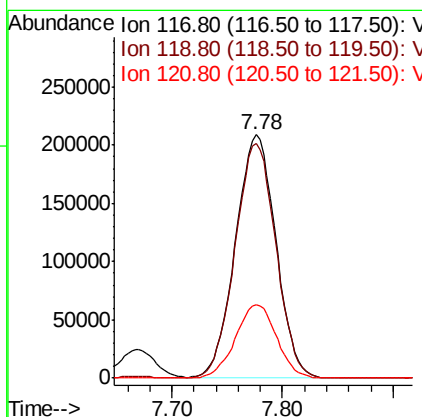
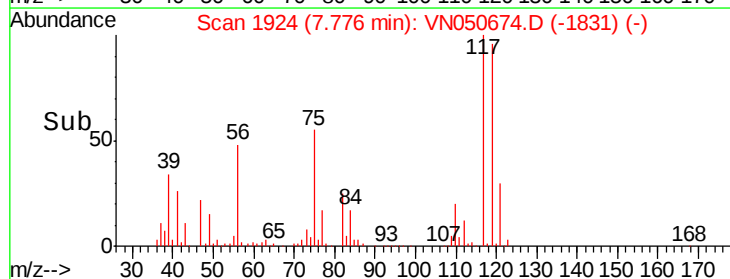
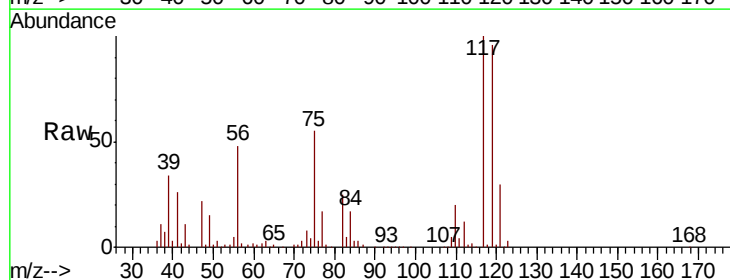
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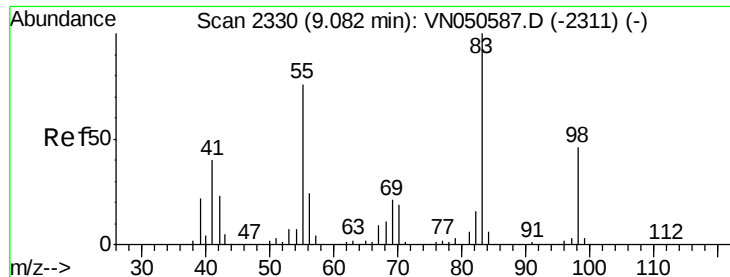
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#38
Carbon Tetrachloride
Concen: 49.52 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	117	Resp	532360
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	115.0
121	29.9	25.0	37.6





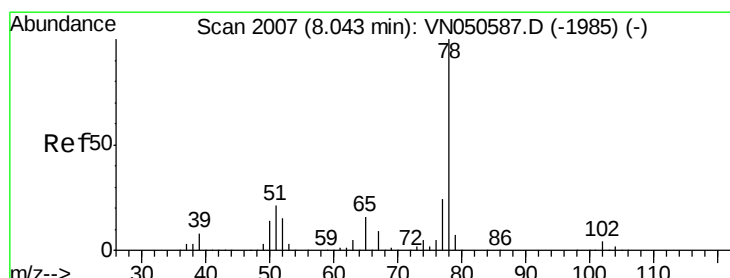
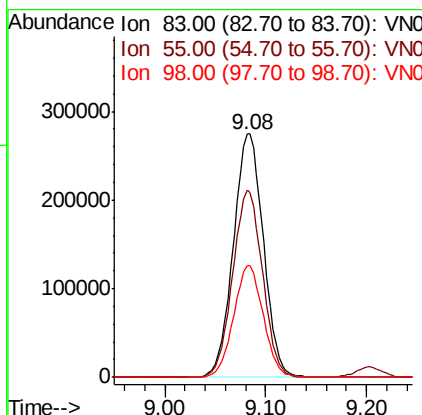
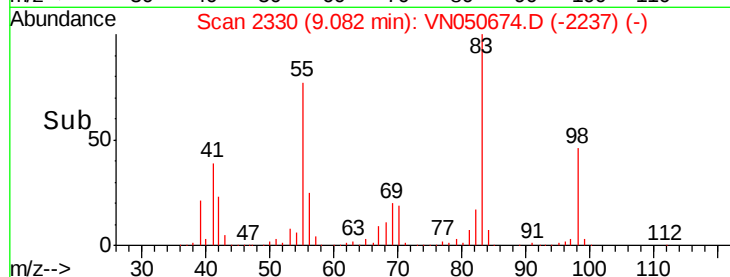
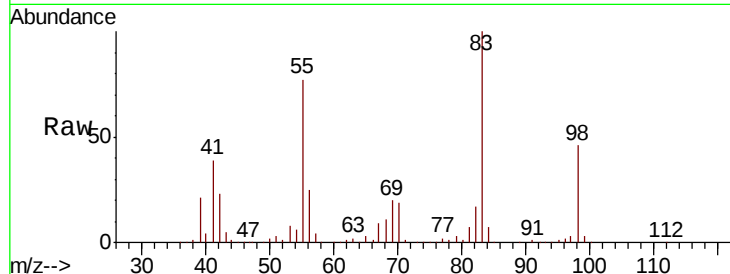
#39
Methvlcvclohexane
Concen: 52.94 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	60.6	91.0
98	45.8	37.0	55.4

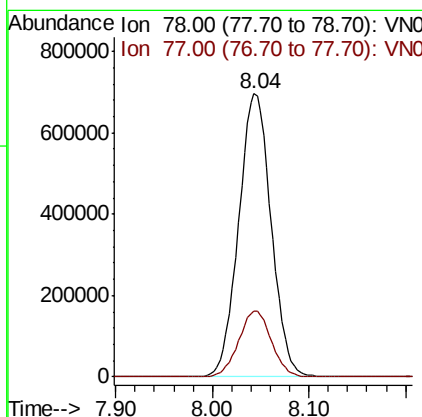
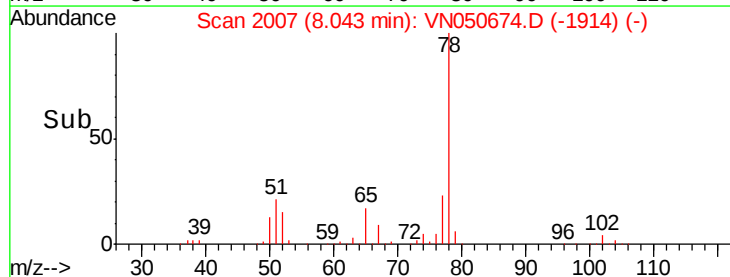
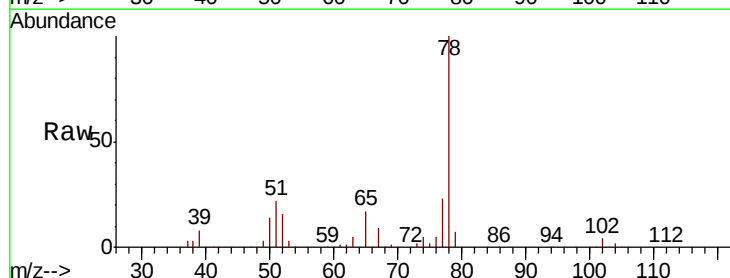
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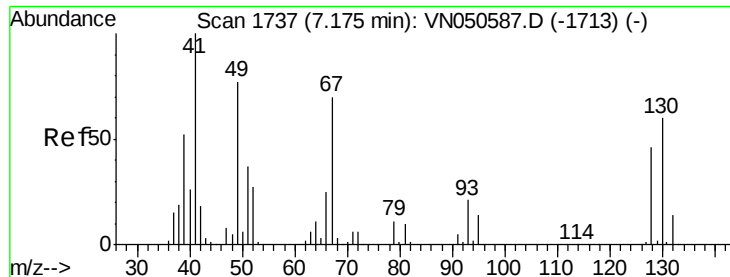
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#40
Benzene
Concen: 51.47 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





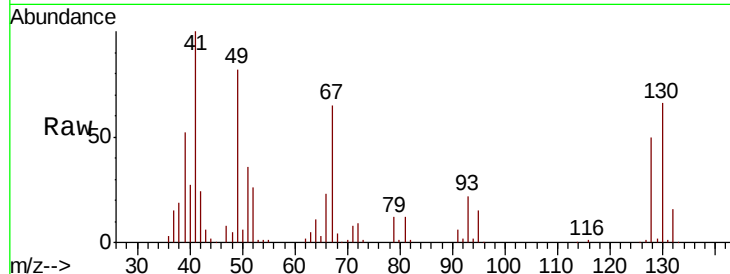
#41
Methacrylonitrile
Concen: 63.36 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

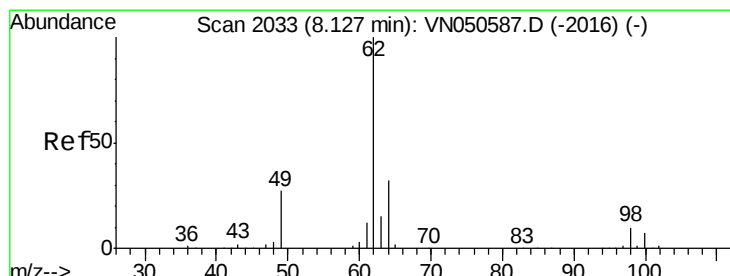
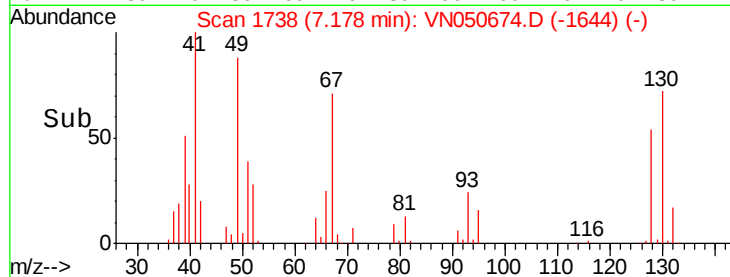
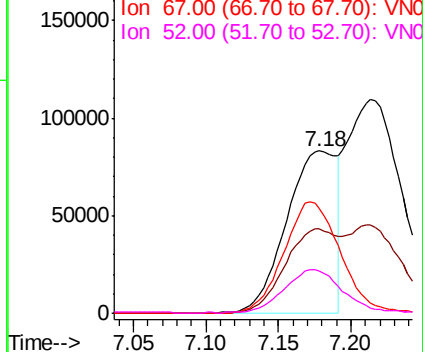
Tot Ion	Ratio	Lower	Upper
41	100		
39	51.7	44.6	66.8
67	77.3	66.7	100.1
52	30.4	26.5	39.7

Manual Integrations
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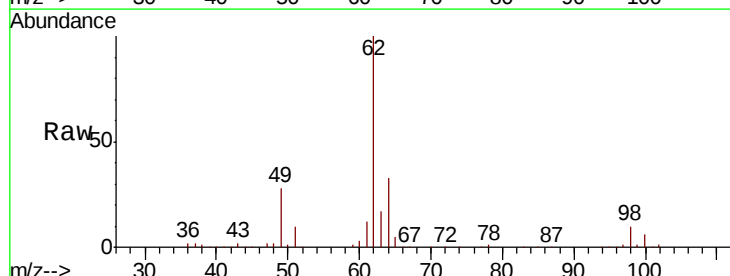


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

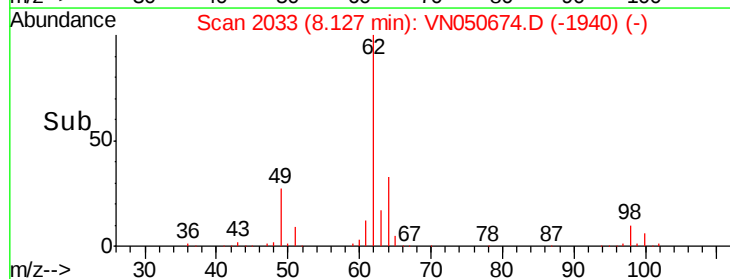
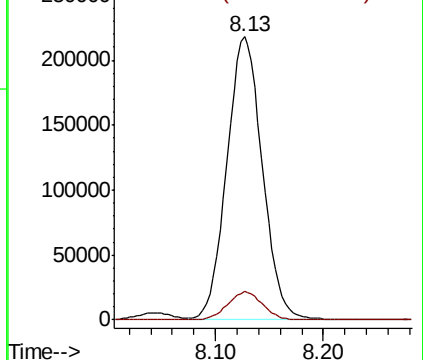


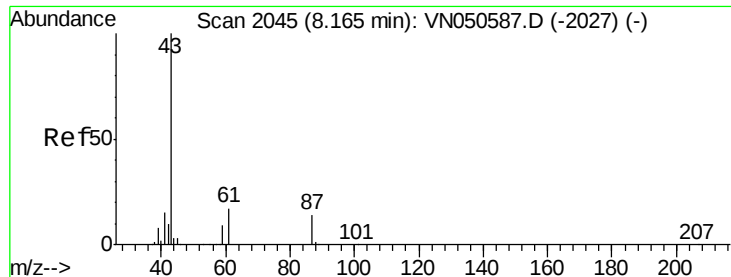
#42
1,2-Dichloroethane
Concen: 51.50 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





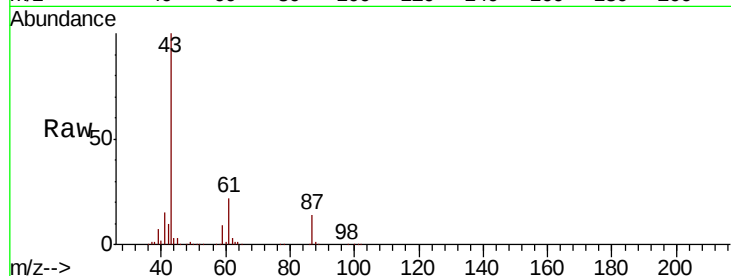
#43
Isopropyl Acetate
Concen: 56.06 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

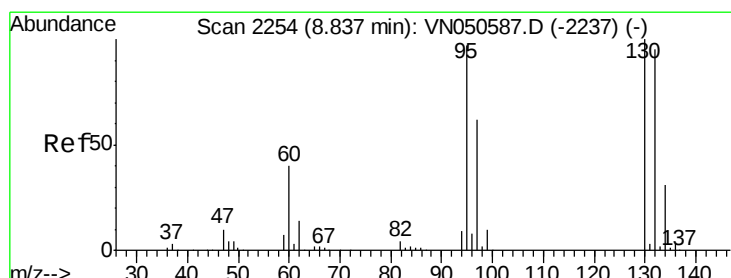
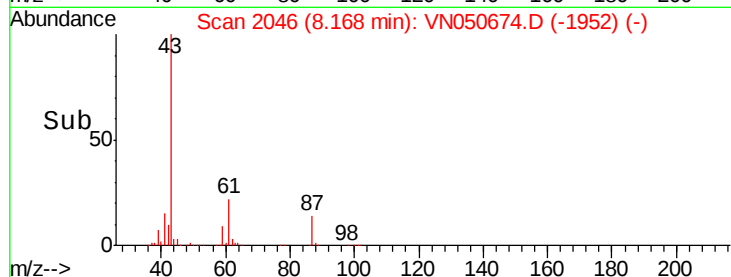
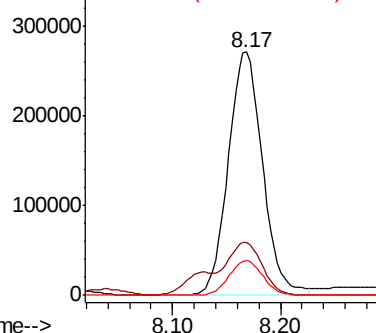
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.2	24.2
87	14.0	10.9	16.3

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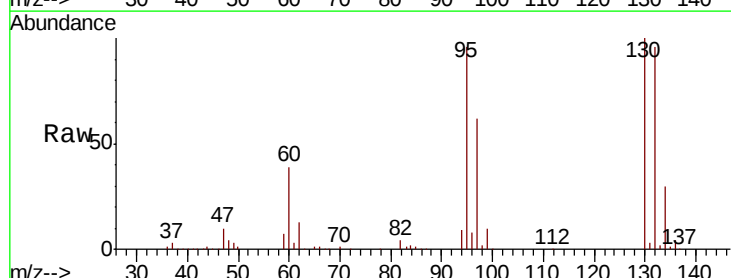


Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)
Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)
Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)

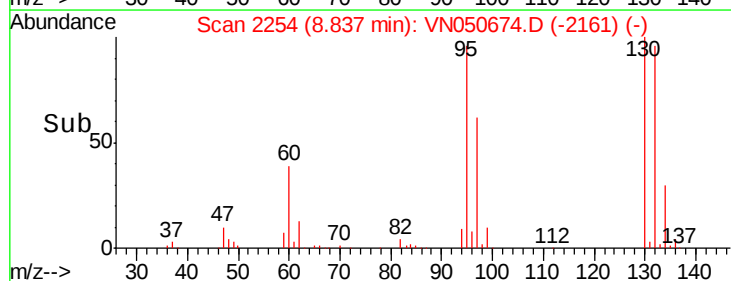
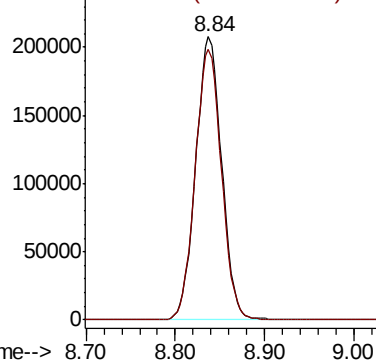


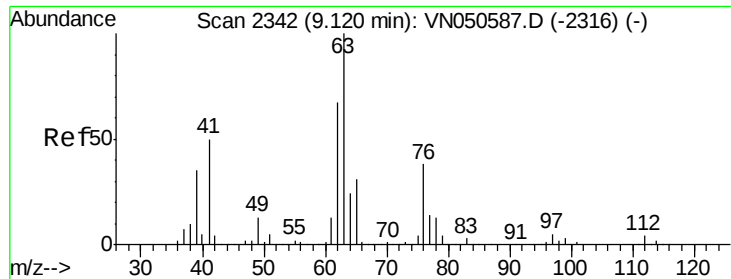
#44
Trichloroethene
Concen: 49.52 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)
Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)





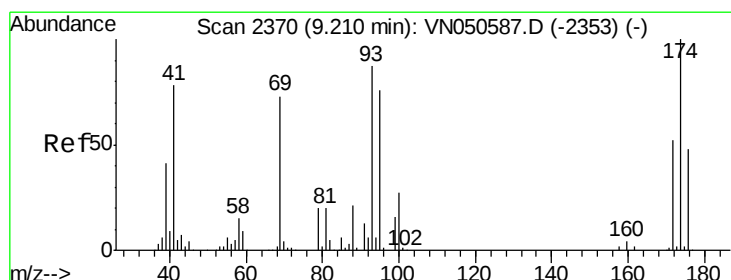
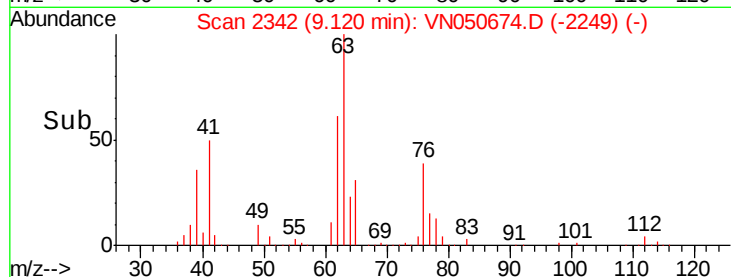
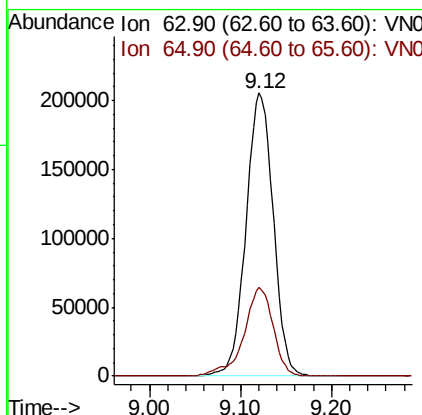
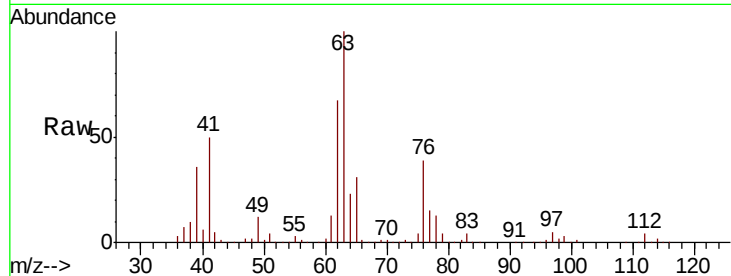
#45
 1,2-Dichloropropane
 Concen: 50.96 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.5	36.7

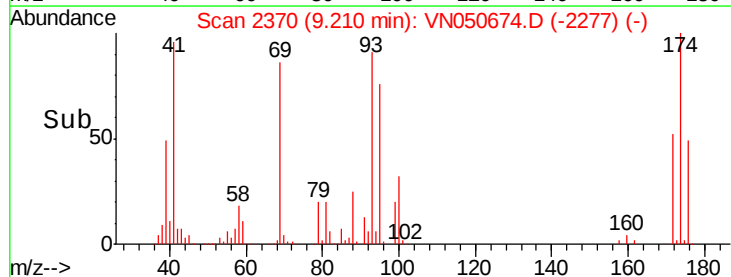
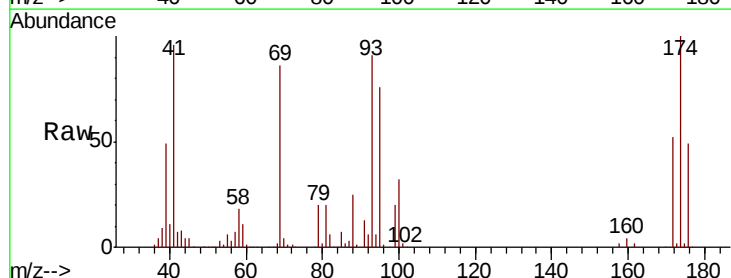
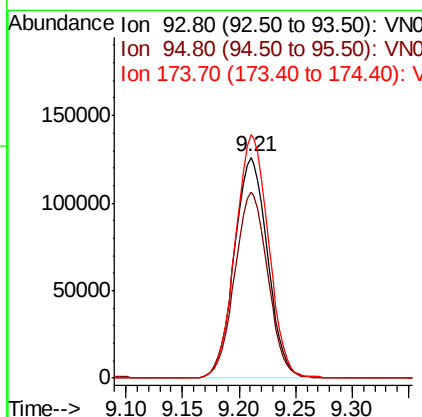
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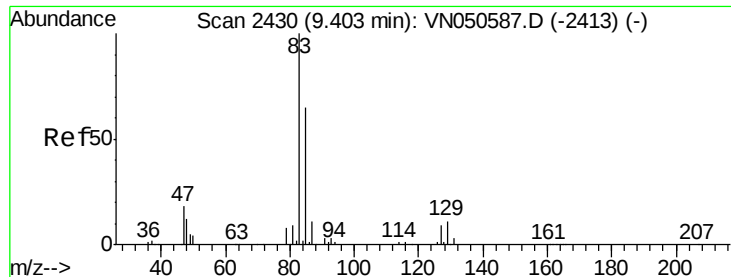
MMDadoda
 8/16/2018 1:19:08 PM



#46
 Dibromomethane
 Concen: 52.17 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	69.1	103.7
174	110.1	91.0	136.6





#47

Bromodichloromethane

Concen: 50.83 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

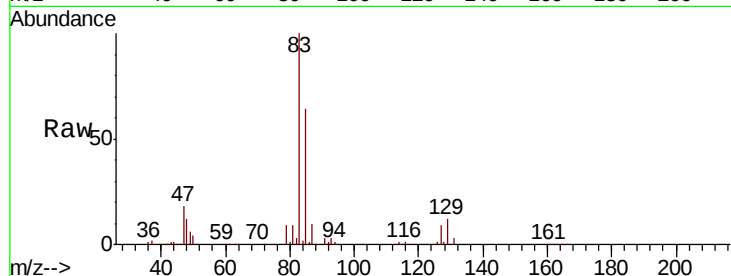
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	538475
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.6
127	8.7	7.2	10.8

Manual Integrations
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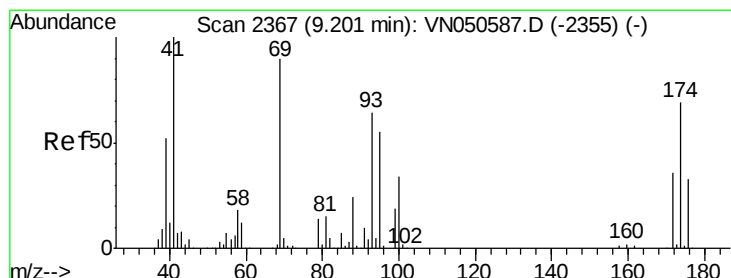
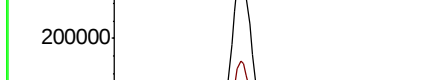
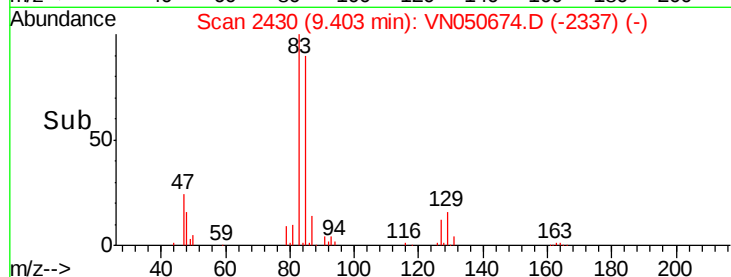


Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN050587.D (-2413) (-)

Time-->



#48

Methyl methacrylate

Concen: 57.46 ug/l

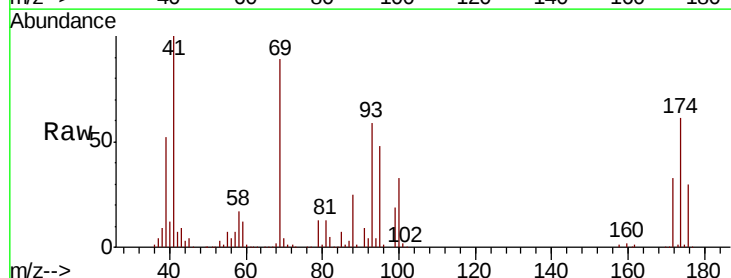
RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion:	41	Resp:	308650
Ion	Ratio	Lower	Upper
41	100		
69	90.3	73.4	110.0
39	51.9	43.0	64.6

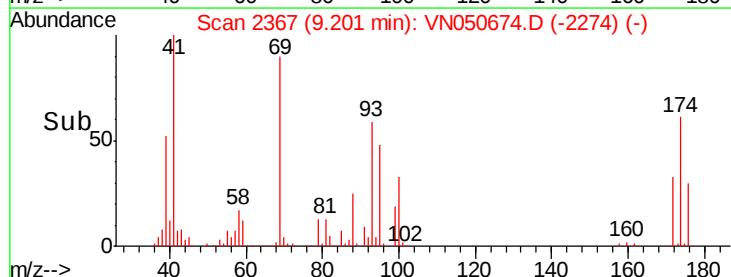


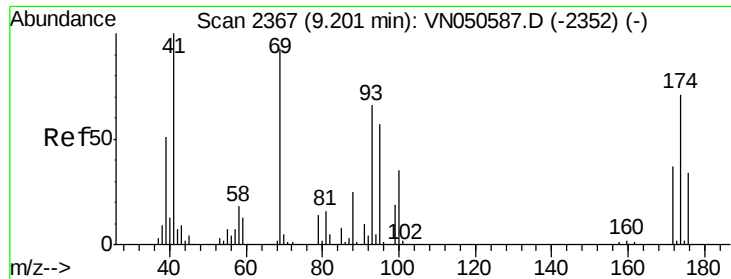
Abundance Ion 41.00 (40.70 to 41.70): VN050587.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN050587.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN050587.D (-2355) (-)

Time-->





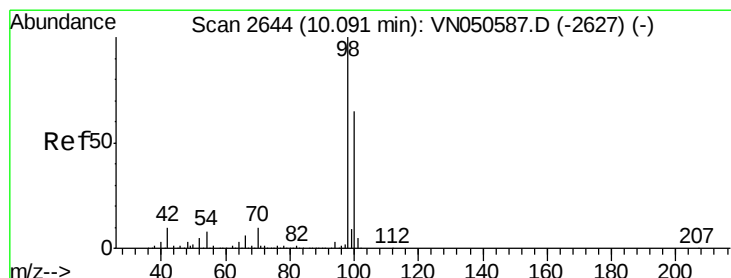
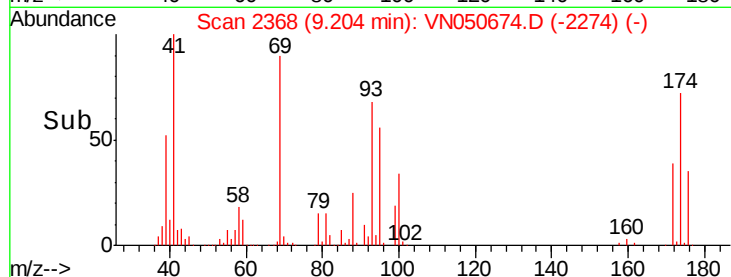
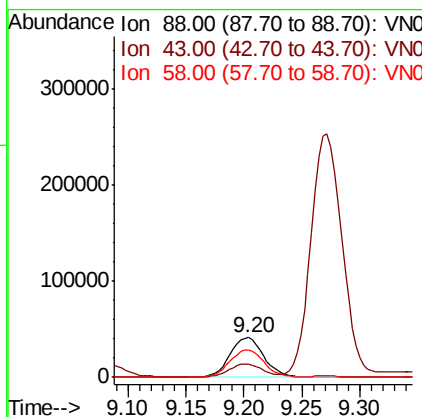
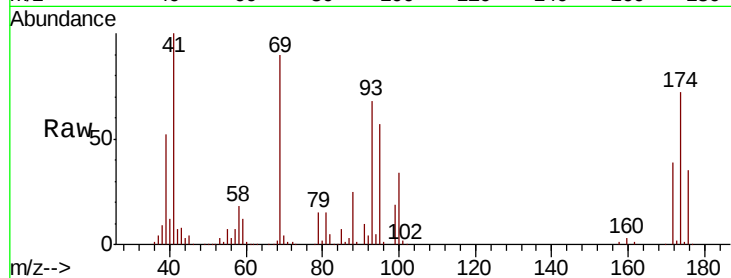
#49
1,4-Dioxane
Concen: 1201.04 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	84991
Ion Ratio	Lower	Upper	
88	100		
43	31.0	25.9	38.9
58	69.3	56.5	84.7

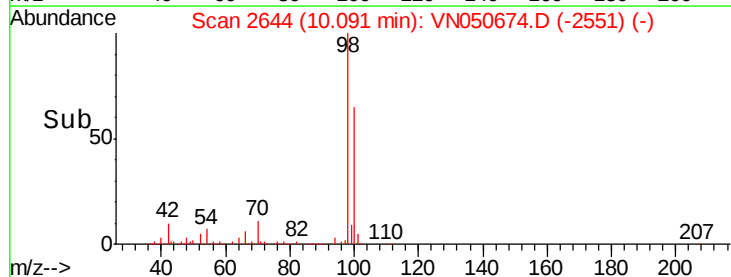
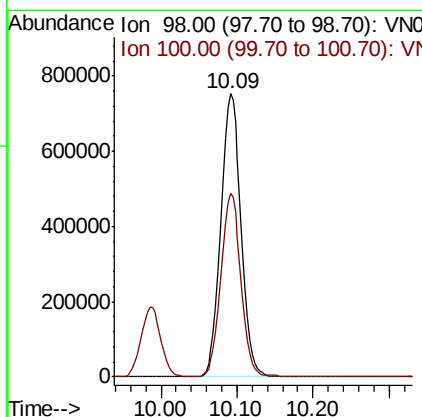
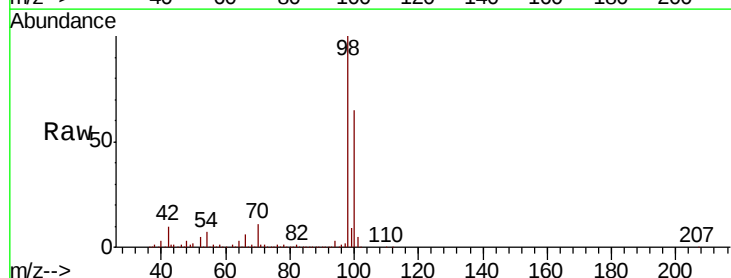
Manual Integrations
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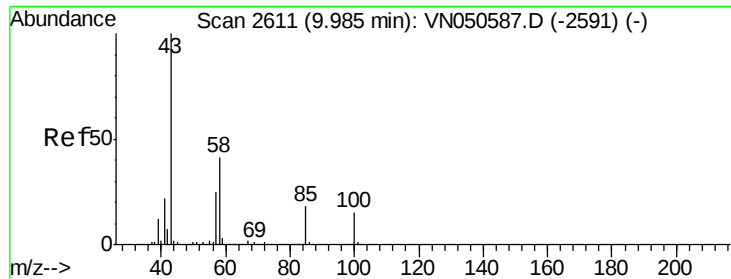
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#50
Toluene-d8
Concen: 49.76 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	98	Resp	1391967
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.8	77.8





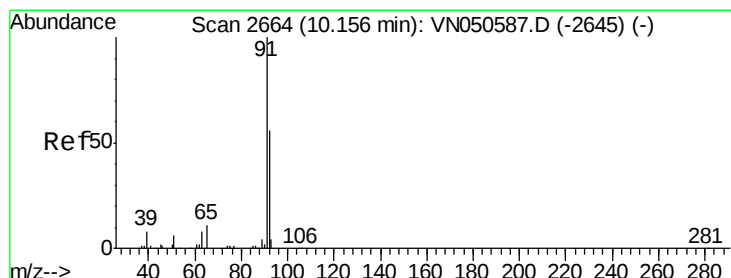
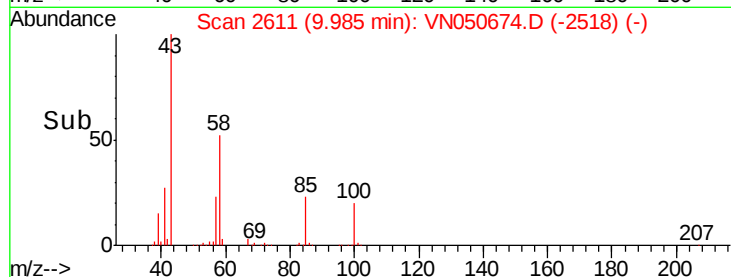
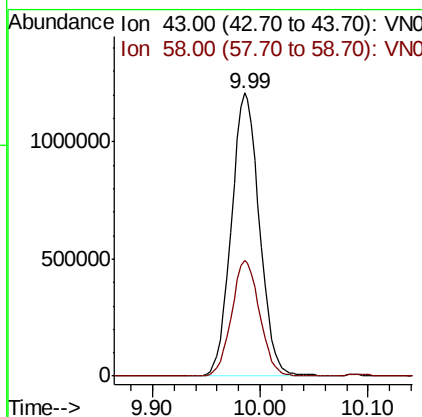
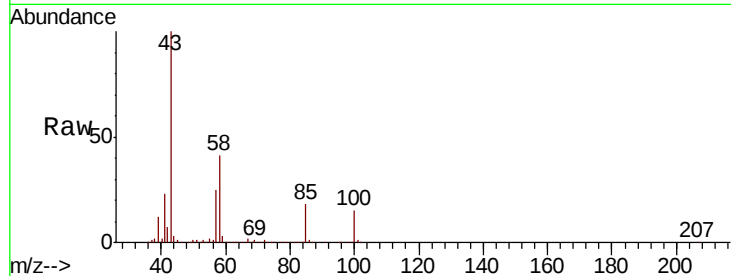
#51
 4-Methyl-2-Pentanone
 Concen: 303.93 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 43 Resp: 2194278
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.5 48.7

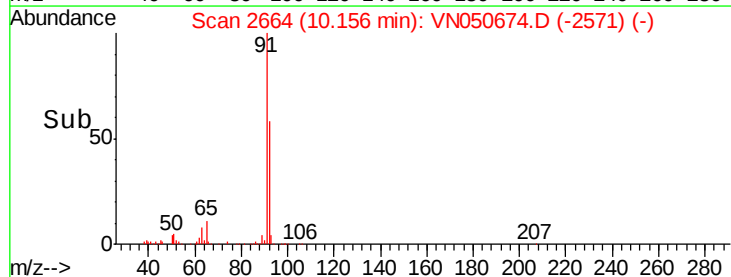
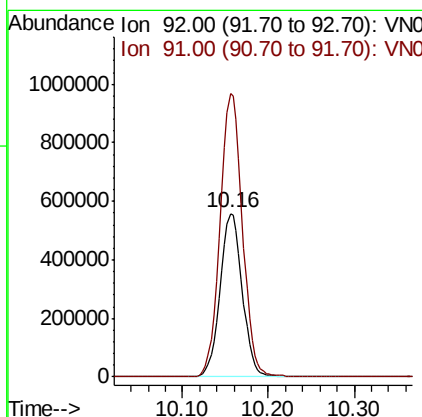
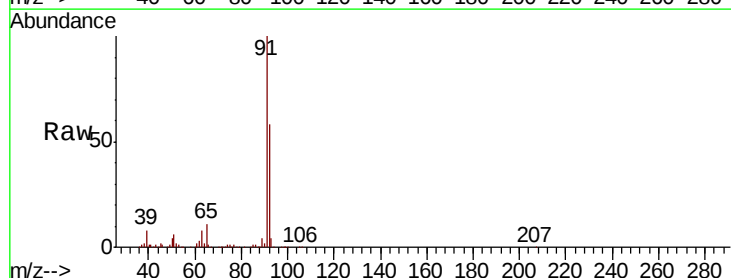
Manual Integrations
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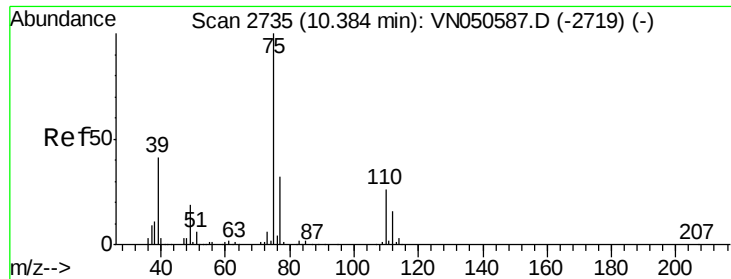
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#52
 Toluene
 Concen: 53.05 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion: 92 Resp: 998610
 Ion Ratio Lower Upper
 92 100
 91 174.7 141.9 212.9





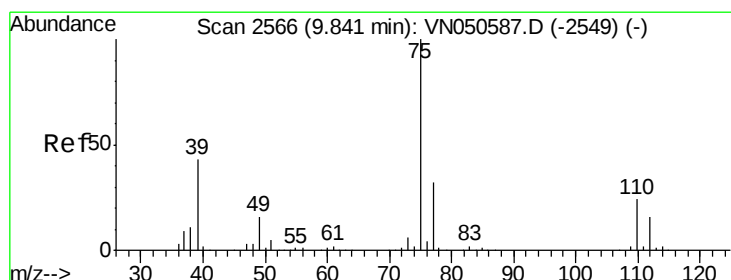
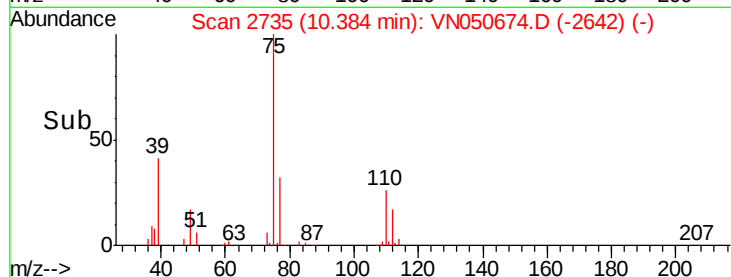
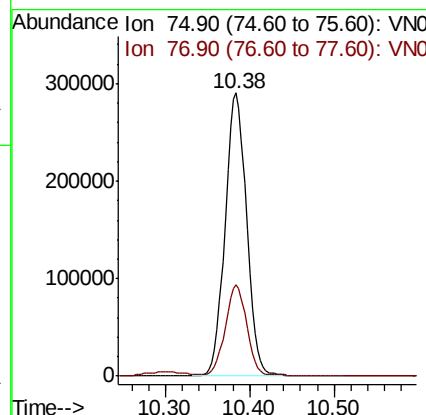
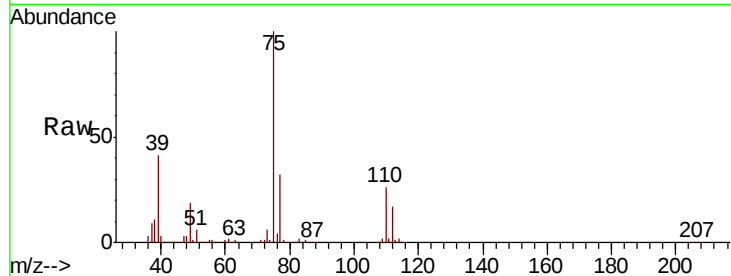
#53
t-1,3-Dichloropropene
Concen: 52.15 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6

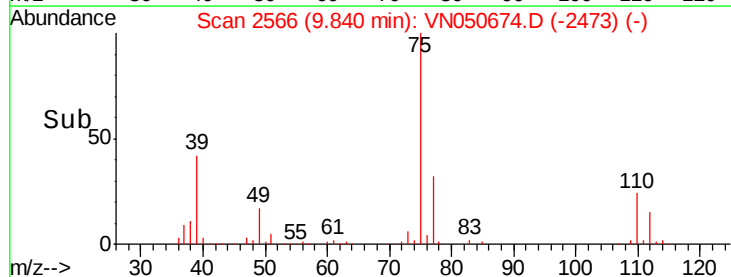
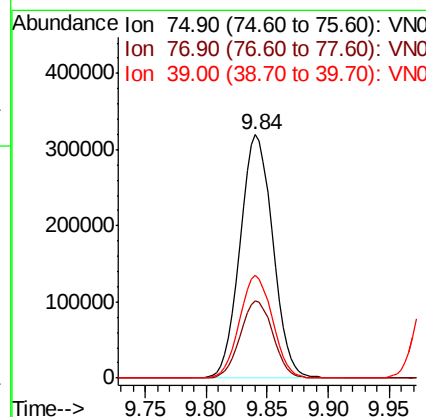
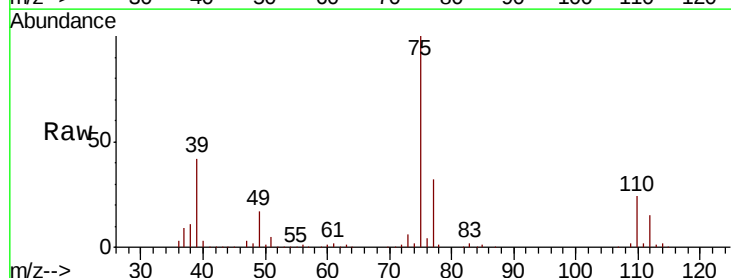
Manual Integrations
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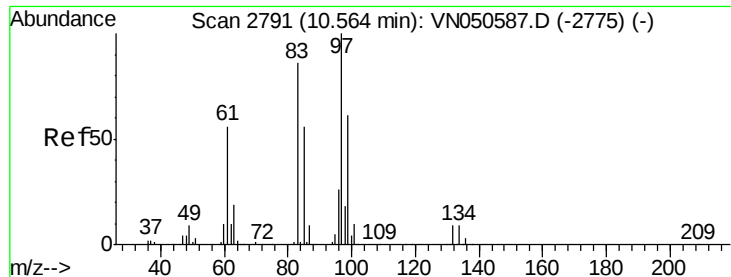
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#54
cis-1,3-Dichloropropene
Concen: 52.56 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4
39	42.0	34.4	51.6





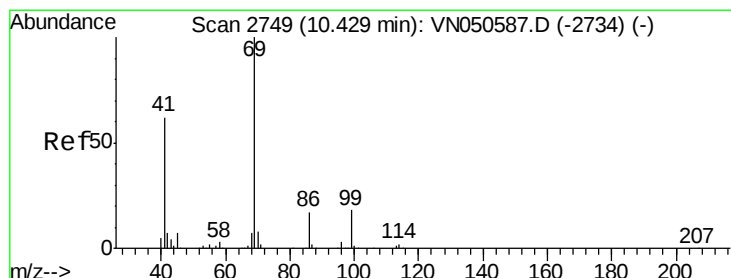
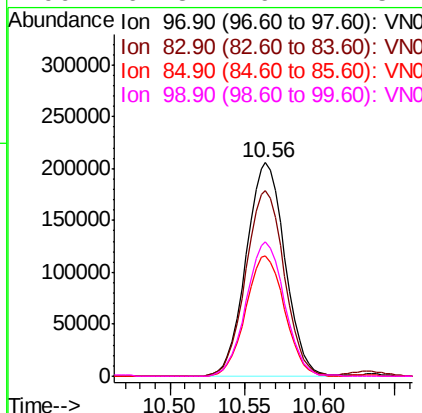
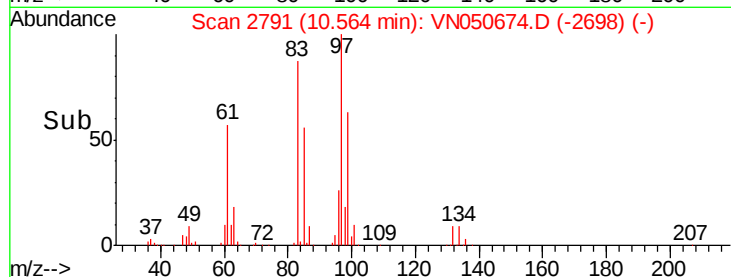
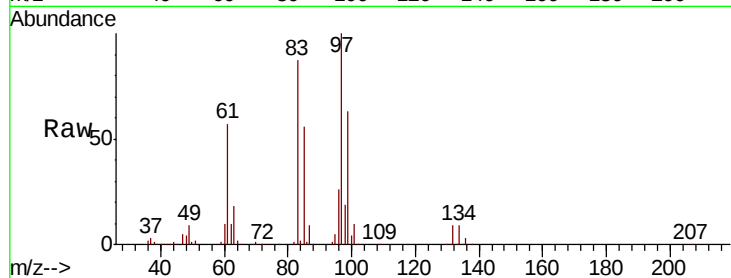
#55
 1,1,2-Trichloroethane
 Concen: 52.78 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		371190		
83	86.7	68.5	102.7		
85	56.4	44.6	66.8		
99	62.8	49.1	73.7		

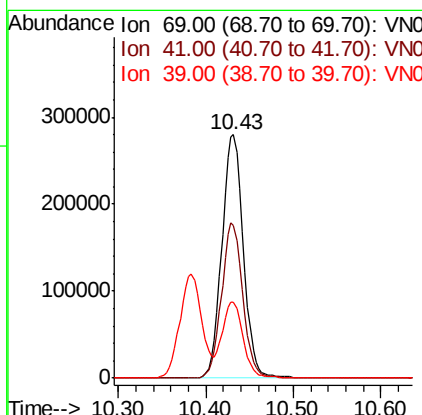
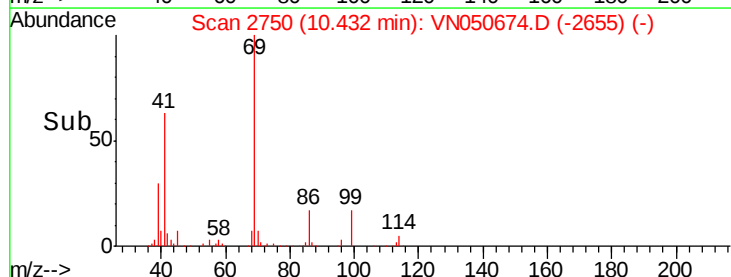
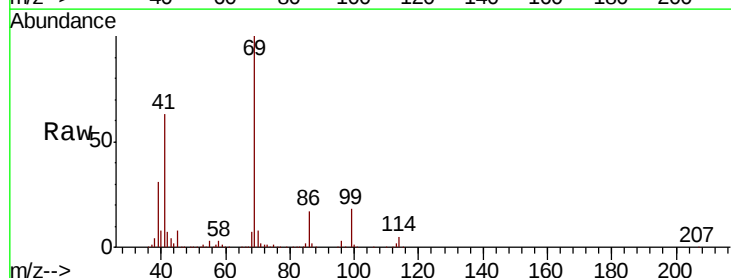
Manual Integrations
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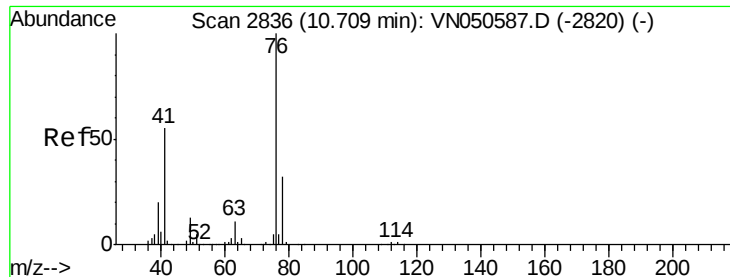
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 8/16/2018 1:19:08 PM



#56
 Ethyl methacrylate
 Concen: 53.01 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		476591		
41	62.5	49.7	74.5		
39	30.5	24.2	36.2		





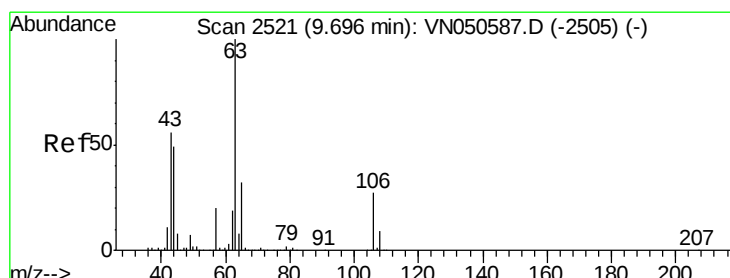
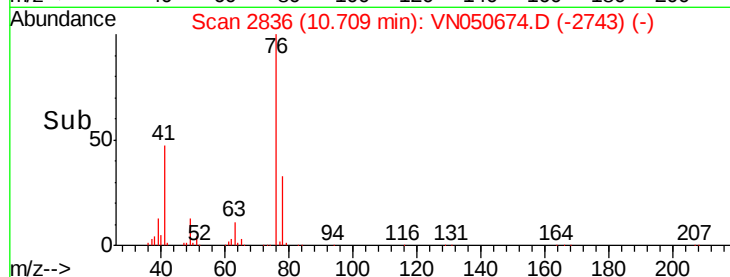
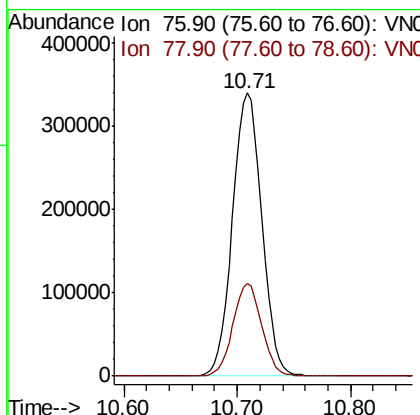
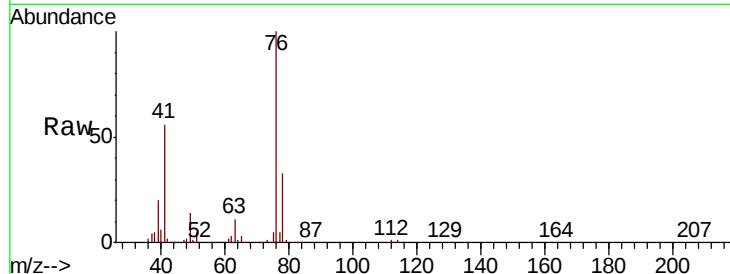
#57
 1,3-Dichloropropane
 Concen: 53.32 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 614652
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

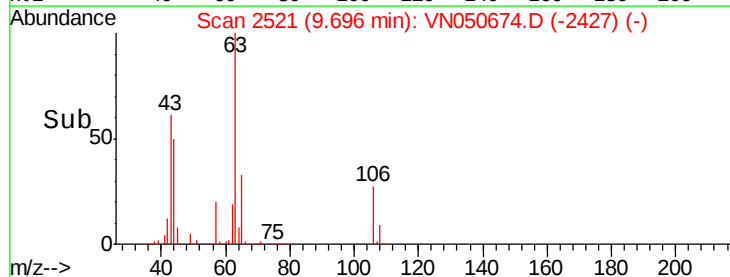
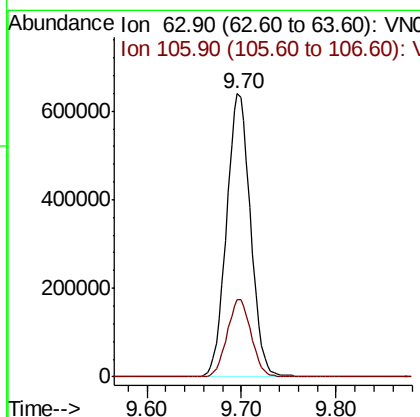
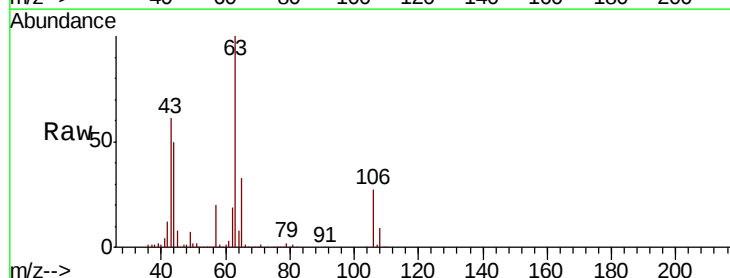
Manual Integrations
 APPROVED

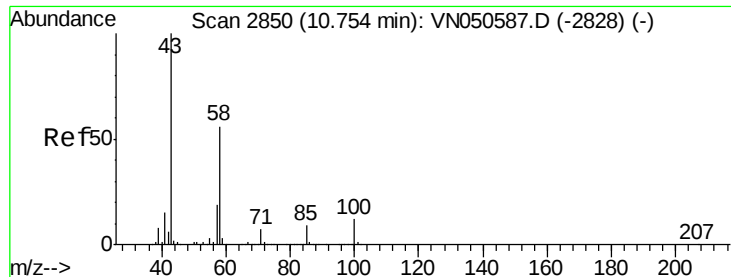
MMDadoda
 8/16/2018 1:19:08 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.67 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion: 63 Resp: 1126548
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.7 32.5





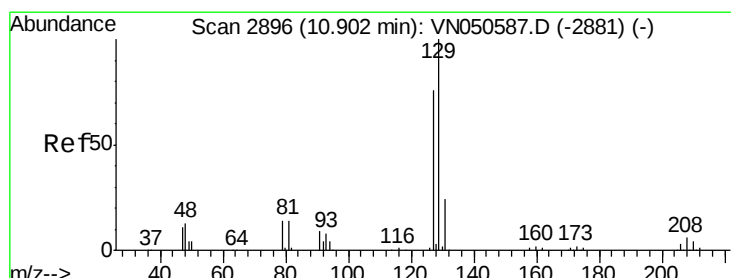
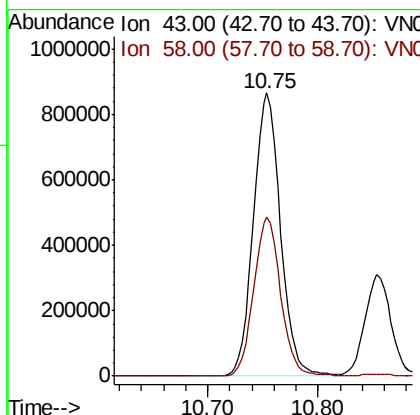
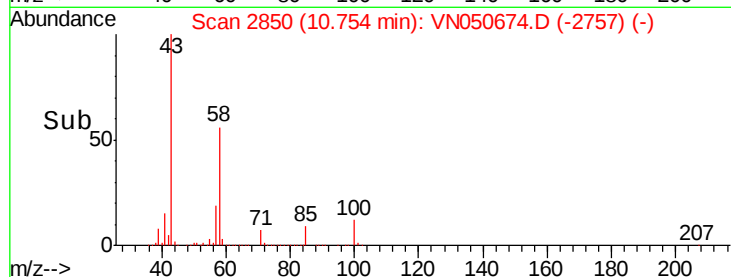
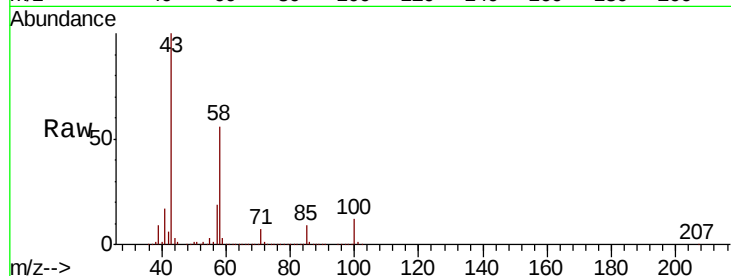
#59
2-Hexanone
Concen: 315.41 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1469750
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0

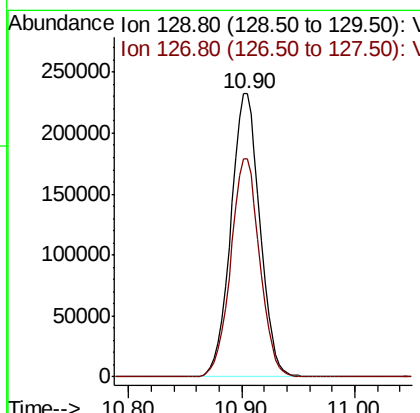
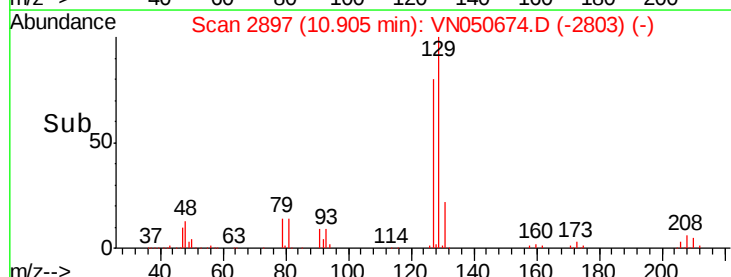
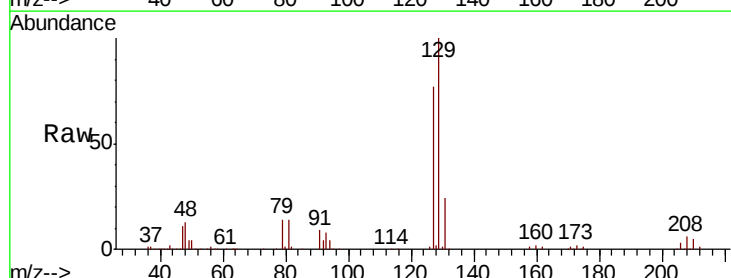
Manual Integrations
APPROVED

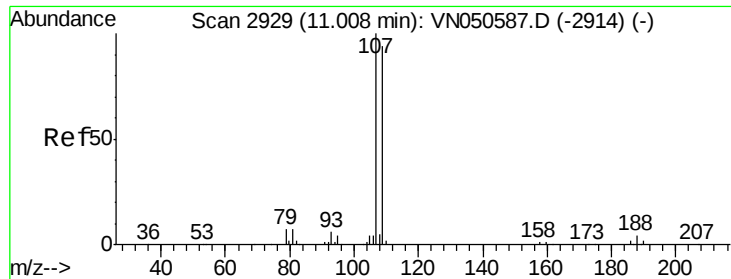
MMDadoda
8/16/2018 1:19:08 PM



#60
Dibromochloromethane
Concen: 53.51 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 129 Resp: 415299
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





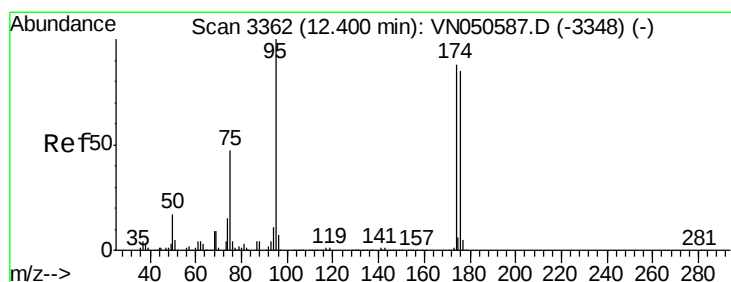
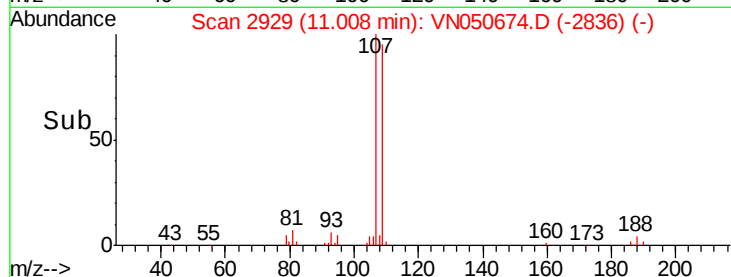
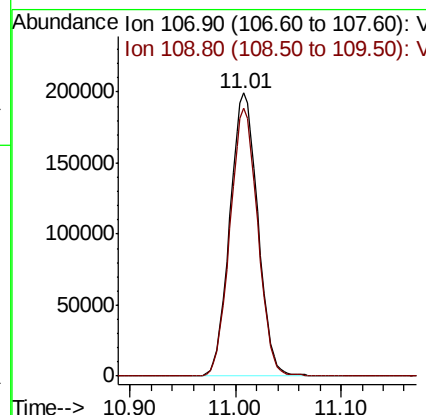
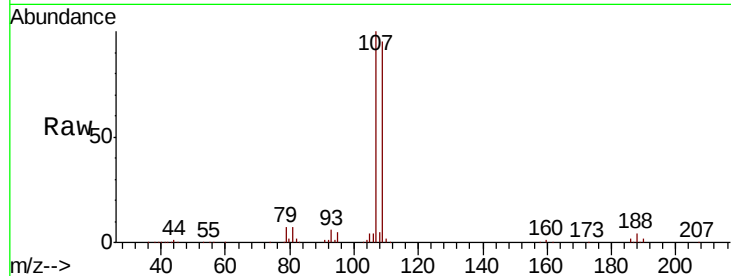
#61
 1,2-Dibromoethane
 Concen: 54.55 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.7	113.5

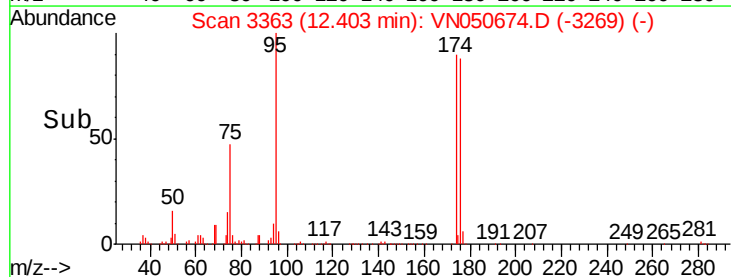
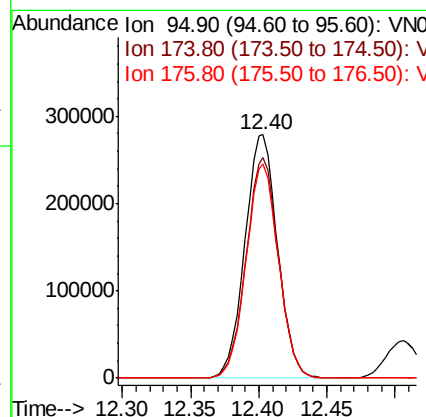
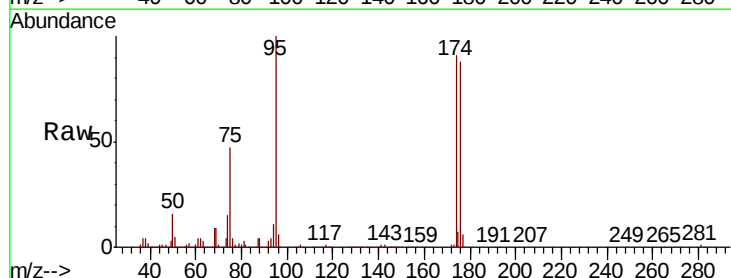
Manual Integrations
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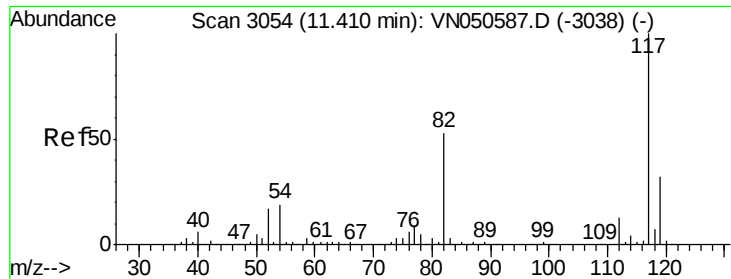
MMDadoda
 8/16/2018 1:19:08 PM



#62
 4-Bromofluorobenzene
 Concen: 49.94 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	177.8
176	87.3	0.0	175.0





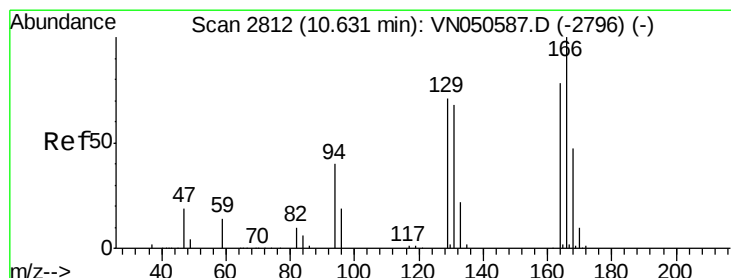
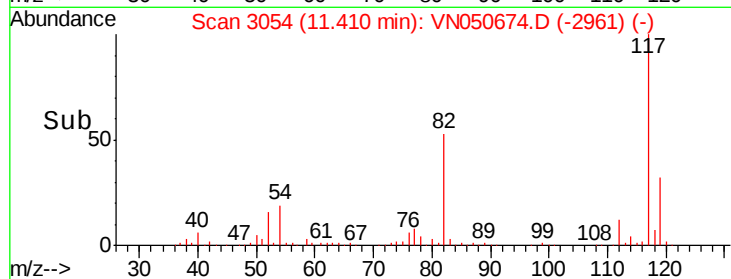
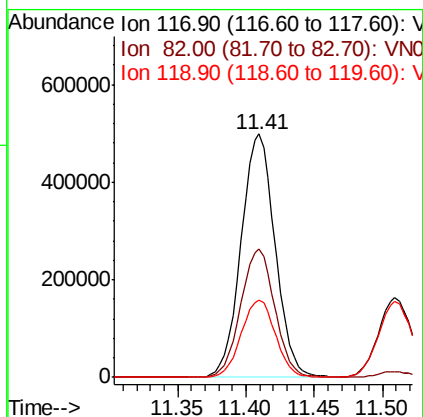
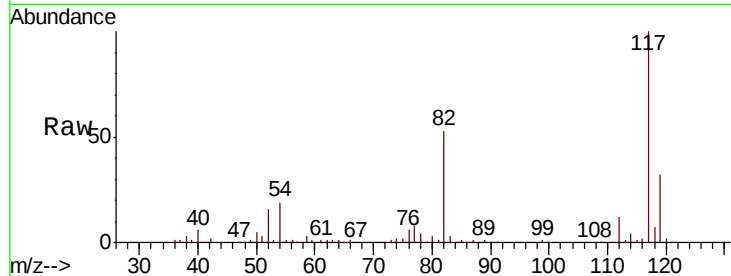
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.4	63.6
119	31.7	25.8	38.8

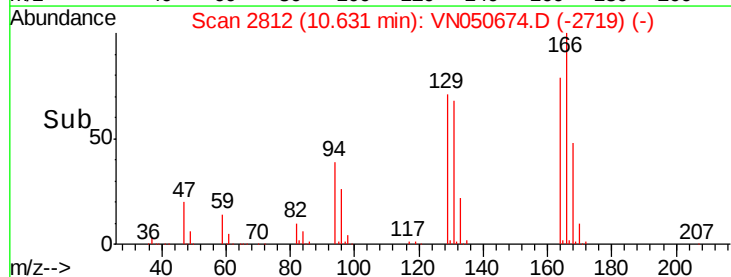
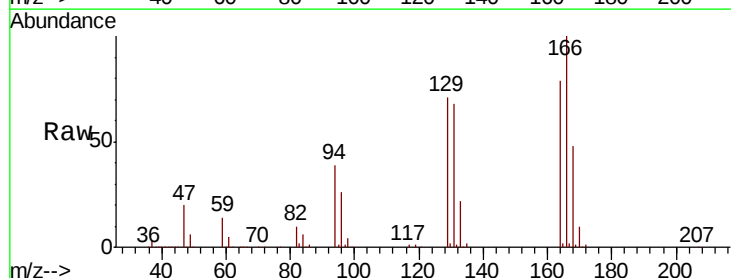
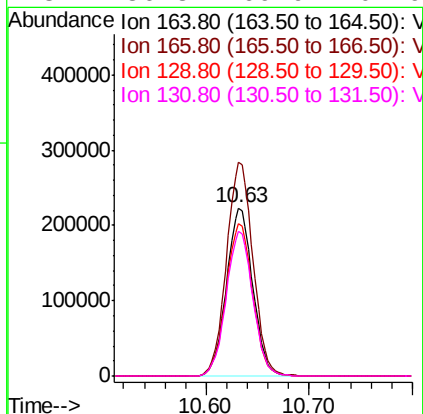
Manual Integrations
APPROVED

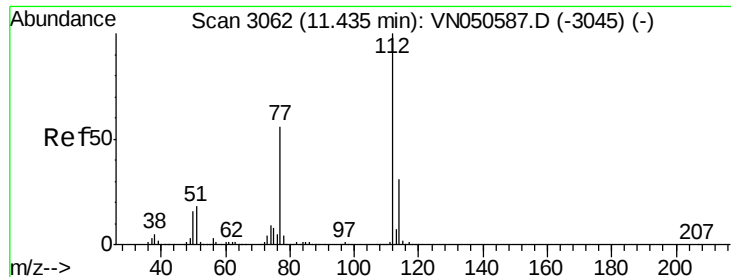
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#64
Tetrachloroethene
Concen: 49.45 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.1	153.1
129	90.7	72.7	109.1
131	86.3	69.9	104.9





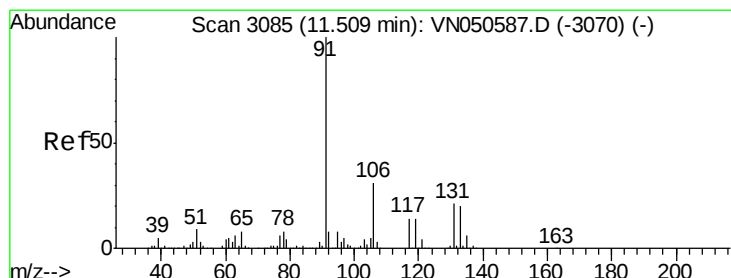
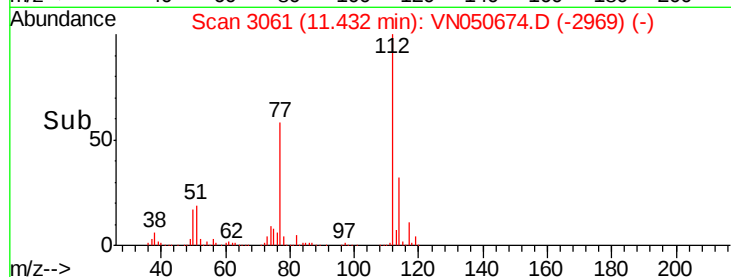
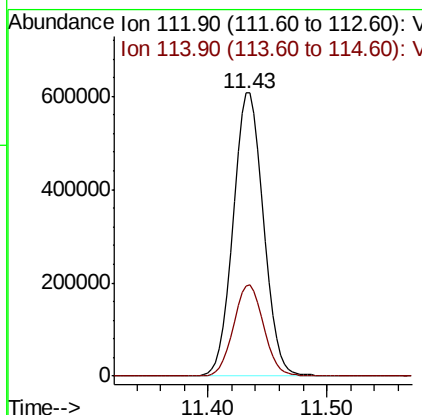
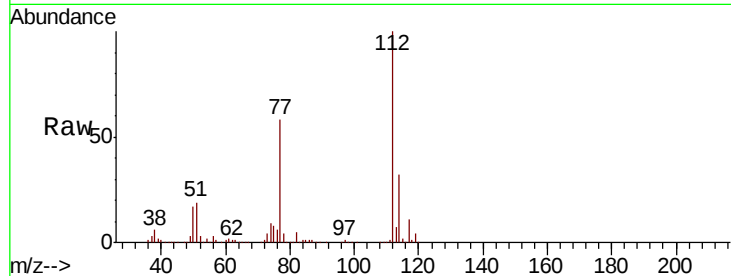
#65
Chlorobenzene
Concen: 49.98 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1072184
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8

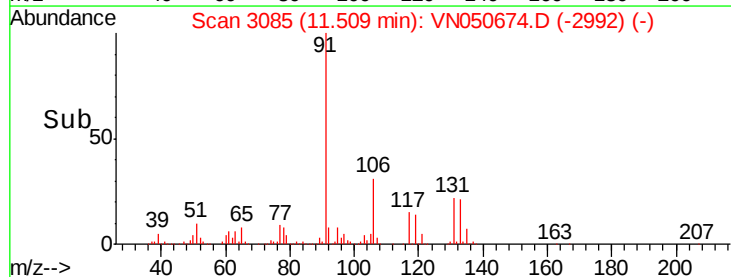
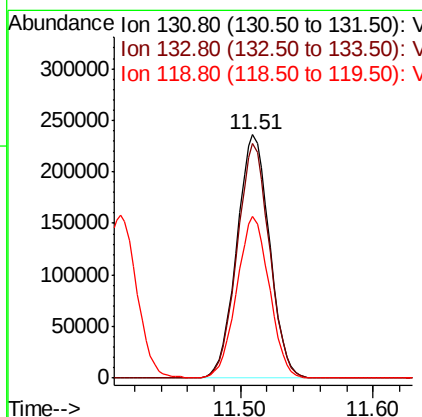
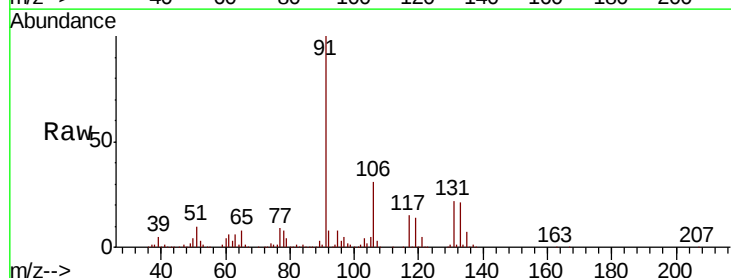
Manual Integrations
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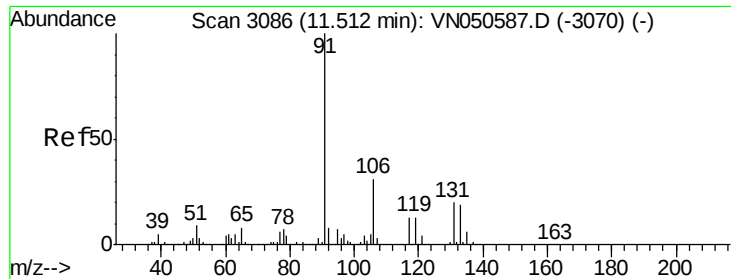
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.31 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion:131 Resp: 404566
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 66.1 33.1 99.3





#67

Ethyl Benzene

Concen: 53.35 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1848158

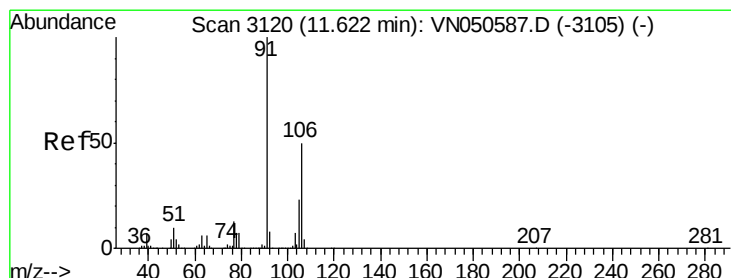
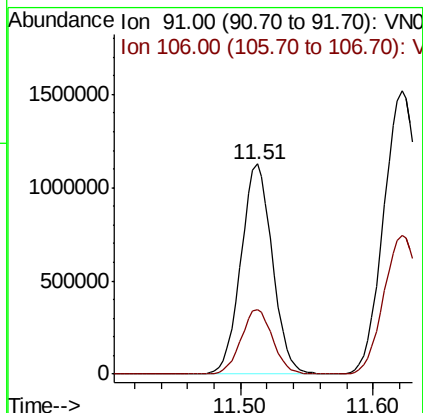
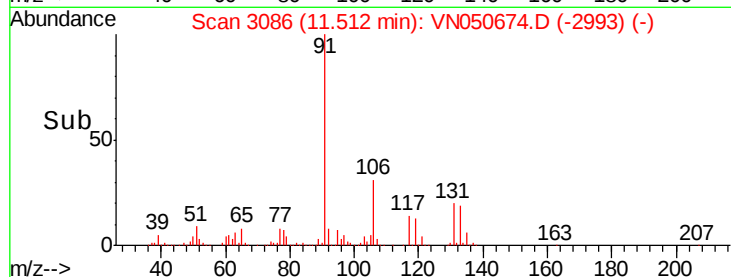
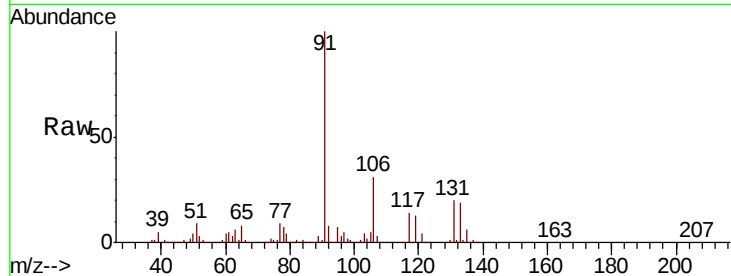
Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 107.95 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050674.D

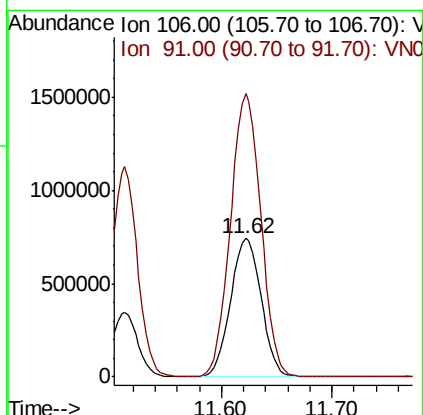
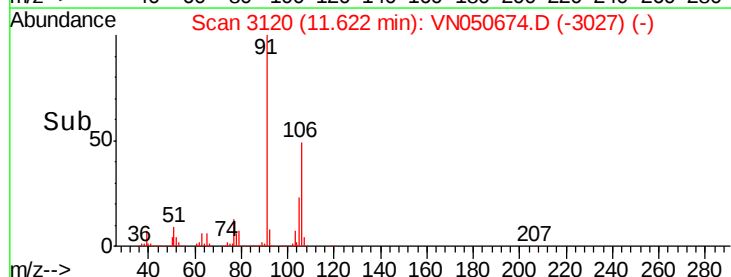
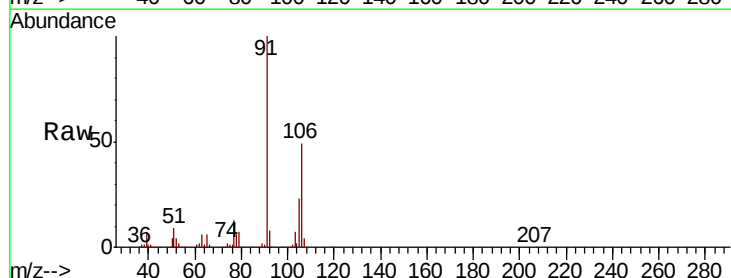
Acq: 15 Aug 2018 23:53

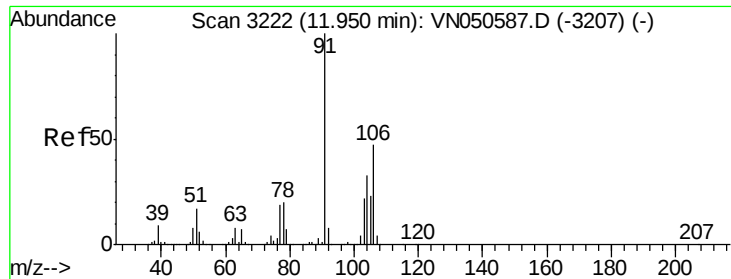
Tgt Ion: 106 Resp: 1430174

Ion Ratio Lower Upper

106 100

91 202.9 161.5 242.3





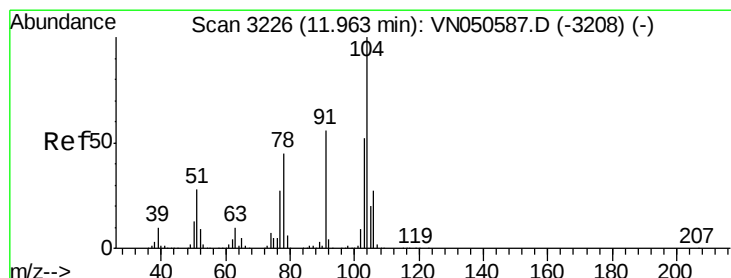
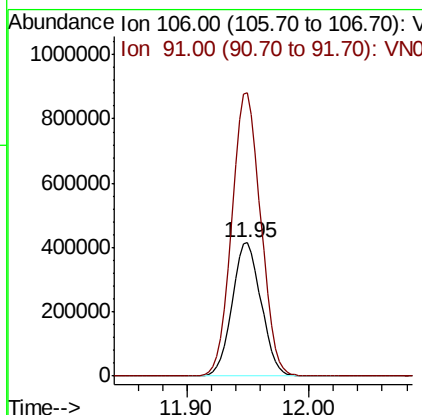
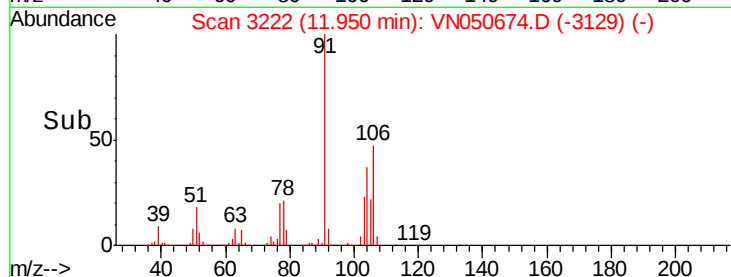
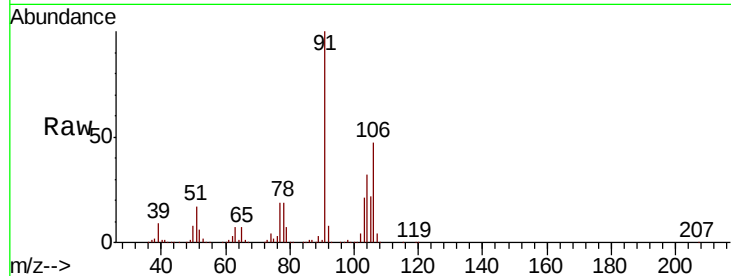
#69
o-Xylene
Concen: 54.15 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		684142		
91	212.7	106.8	320.4		

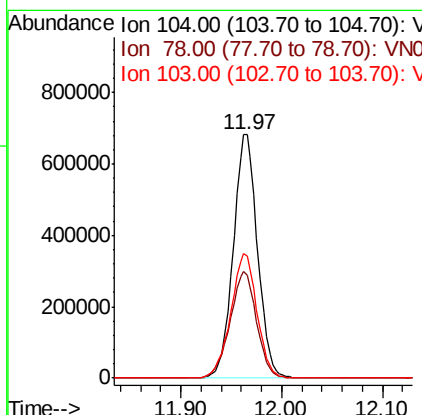
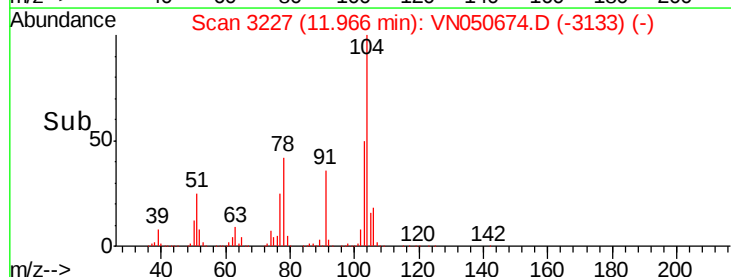
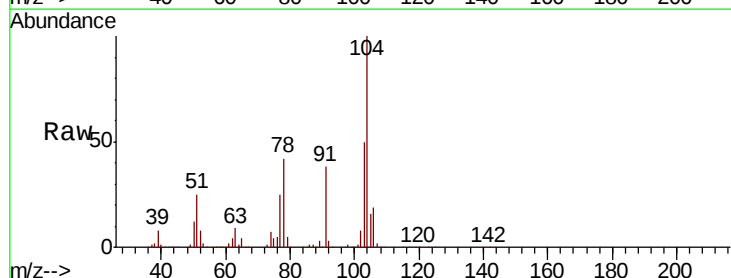
Manual Integrations
APPROVED

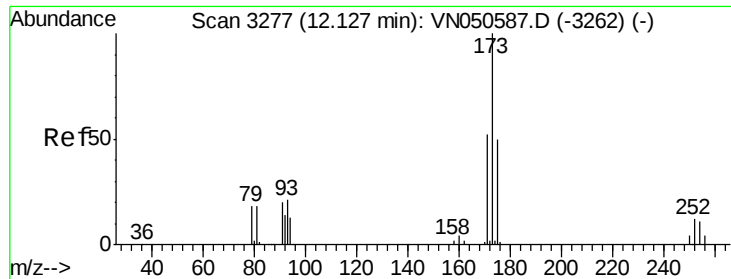
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#70
Styrene
Concen: 50.69 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.7	39.1	58.7	
103	55.1	44.9	67.3	





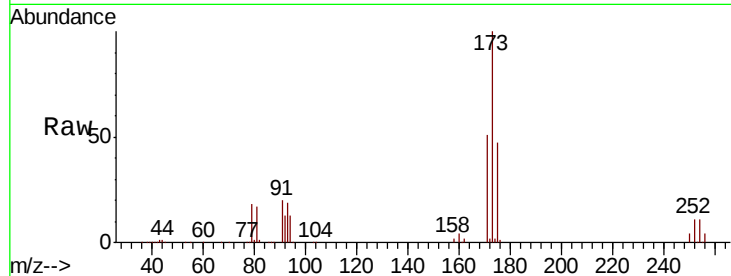
#71
Bromoform
Concen: 54.64 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.2
254	0.1	0.0	0.0#

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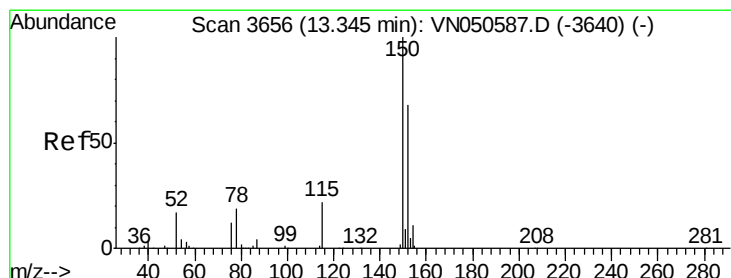
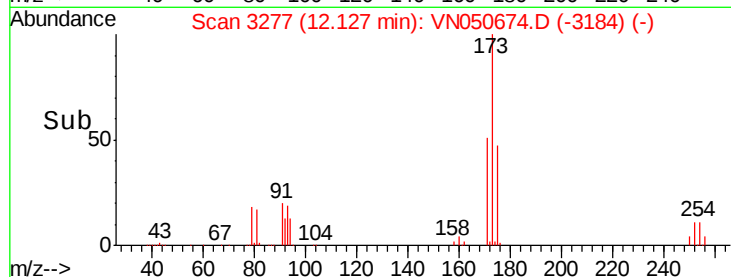
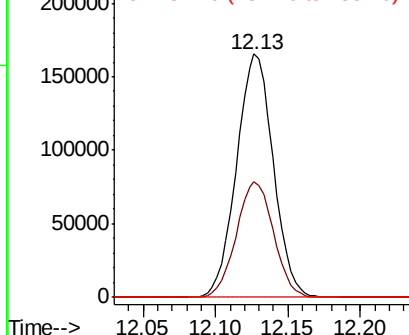


Abundance

Ion 172.70 (172.40 to 173.40): V

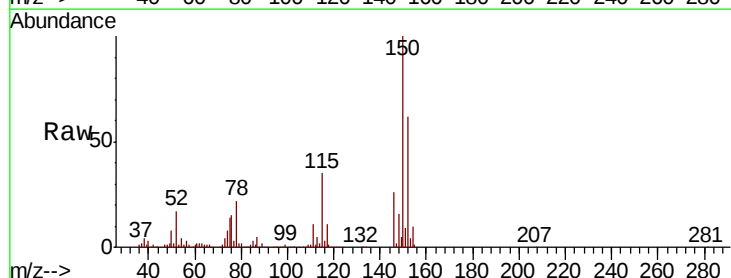
Ion 174.70 (174.40 to 175.40): V

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: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.1	84.2
150	175.7	0.0	347.8

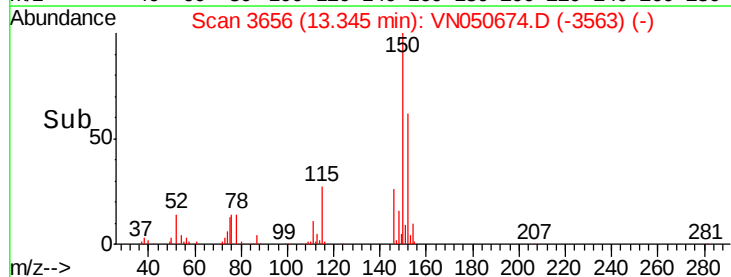
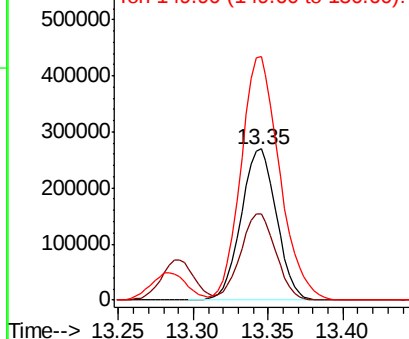


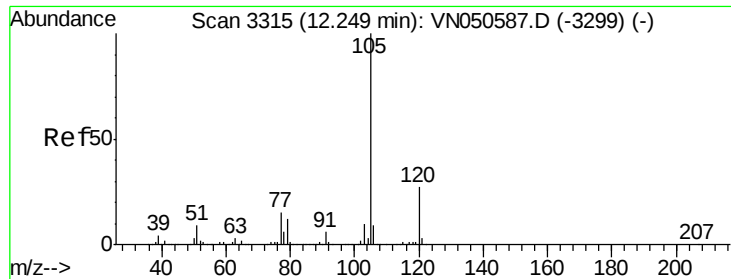
Abundance

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





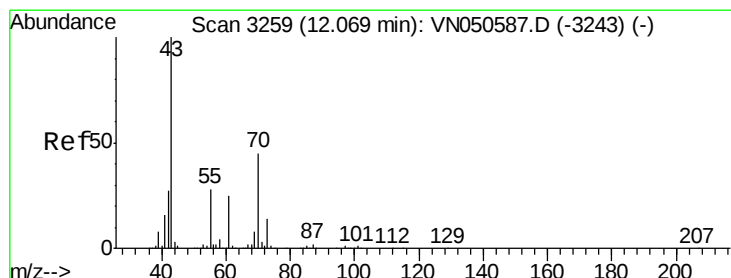
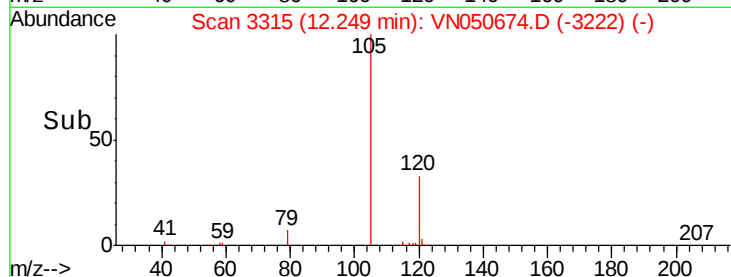
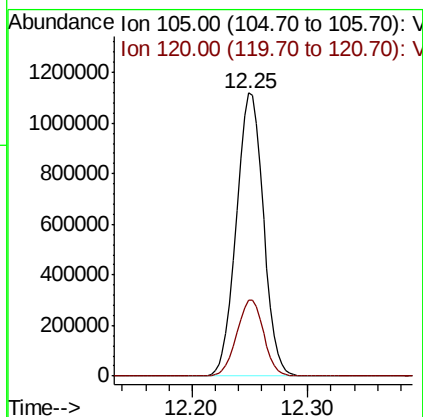
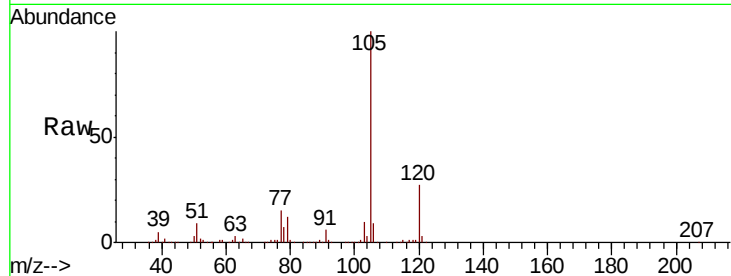
#73
Isopropylbenzene
Concen: 51.91 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1800165
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

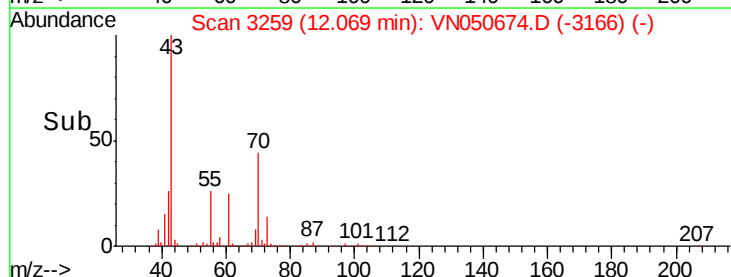
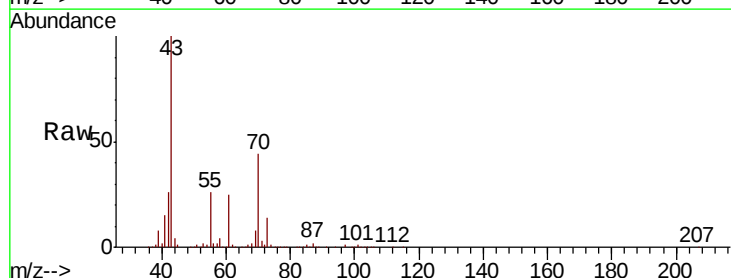
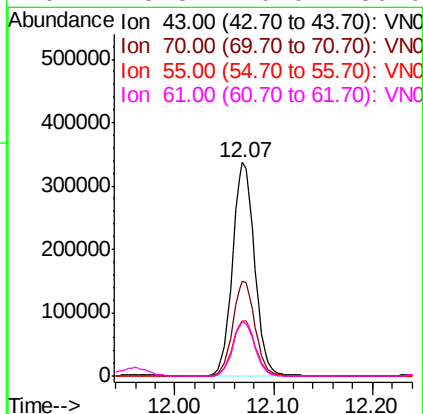
Manual Integrations
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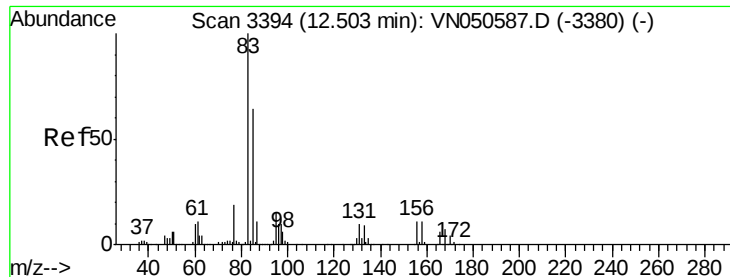
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#74
N-ethyl acetate
Concen: 57.92 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 43 Resp: 522553
Ion Ratio Lower Upper
43 100
70 44.7 35.9 53.9
55 27.0 22.2 33.4
61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 59.28 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 473772

Ion Ratio Lower Upper

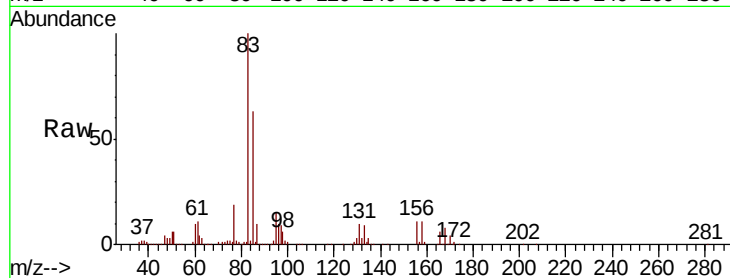
83 100

131 10.4 5.3 15.9

85 64.1 32.1 96.5

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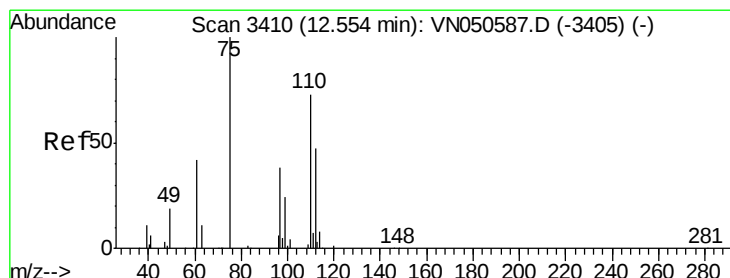
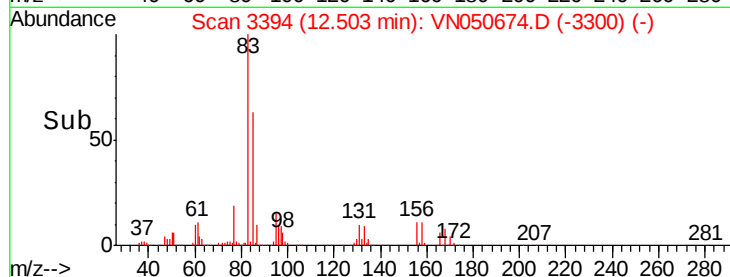
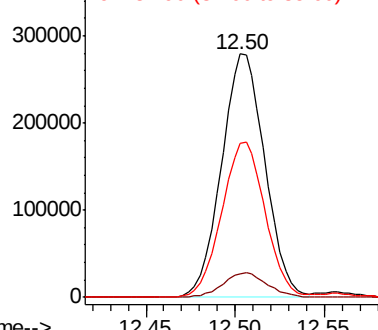
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Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 52.84 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050674.D

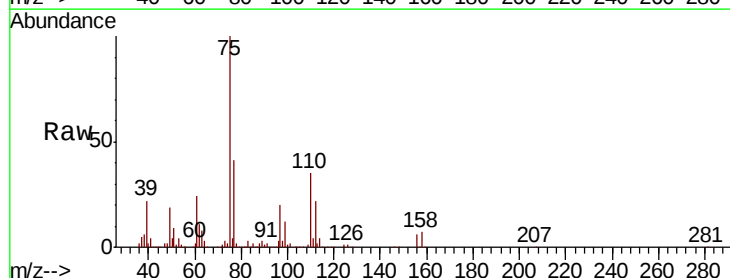
Acq: 15 Aug 2018 23:53

Tgt Ion: 75 Resp: 378489

Ion Ratio Lower Upper

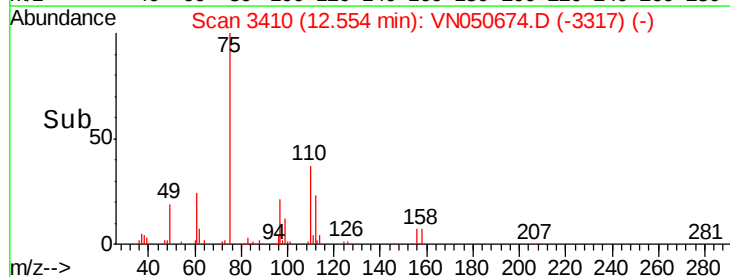
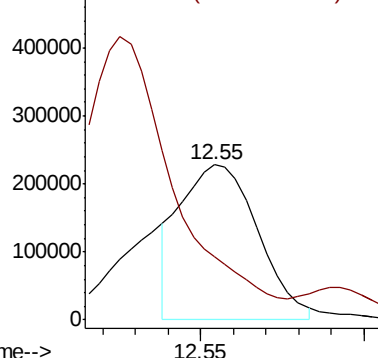
75 100

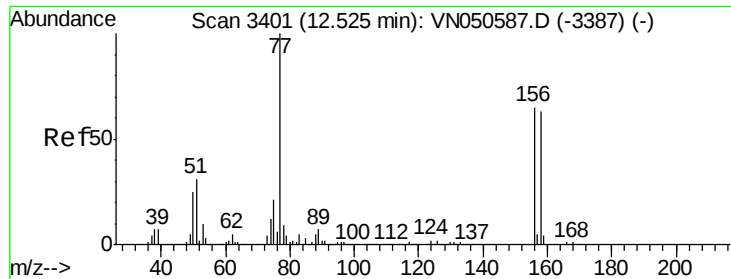
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





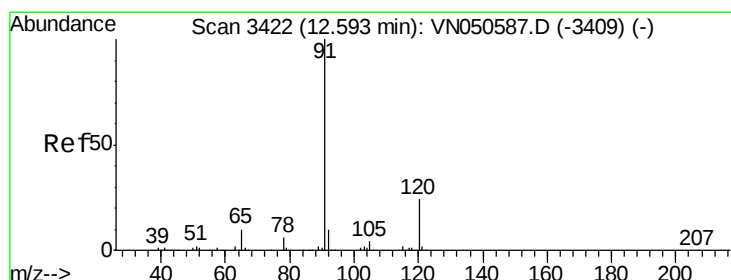
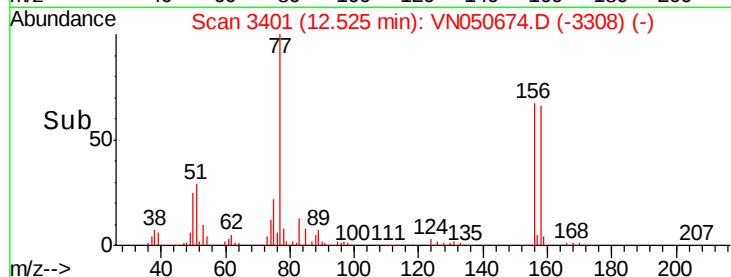
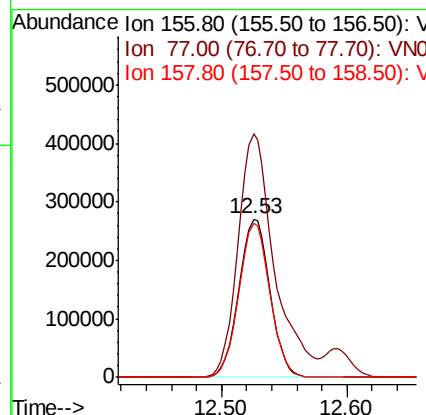
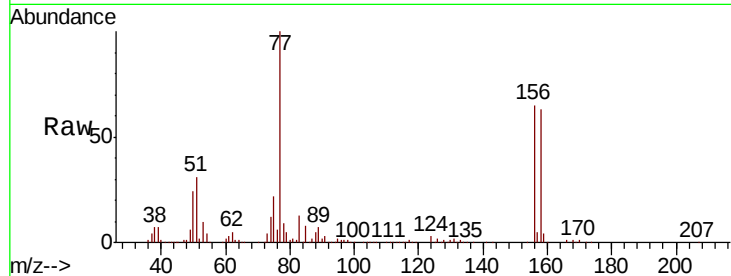
#77
Bromobenzene
Concen: 49.52 ug/l
RT: 12.53 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.6	89.0	267.1
158	97.5	48.5	145.6

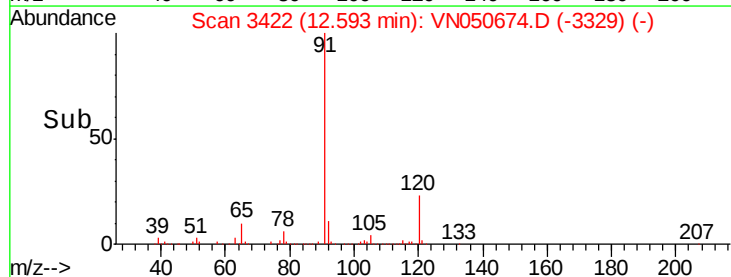
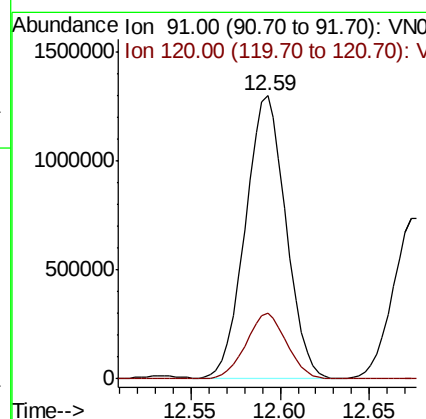
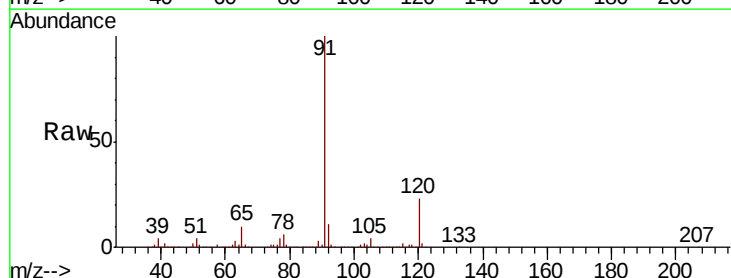
Manual Integrations
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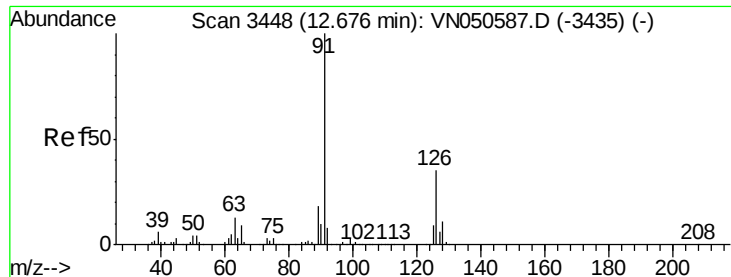
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#78
n-propylbenzene
Concen: 53.35 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.4





#79

2-Chlorotoluene

Concen: 51.02 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1229936

Ion Ratio Lower Upper

91 100

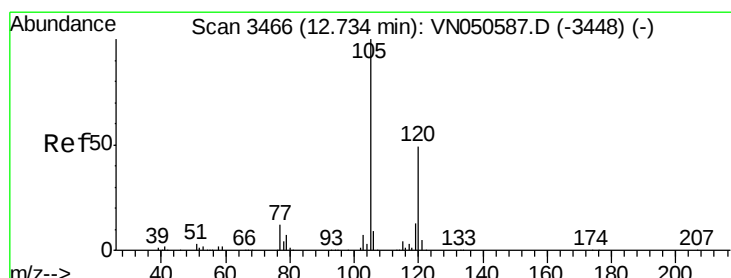
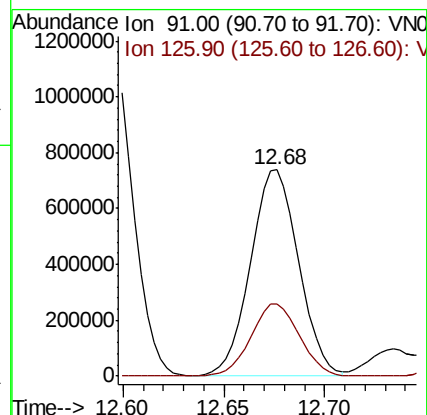
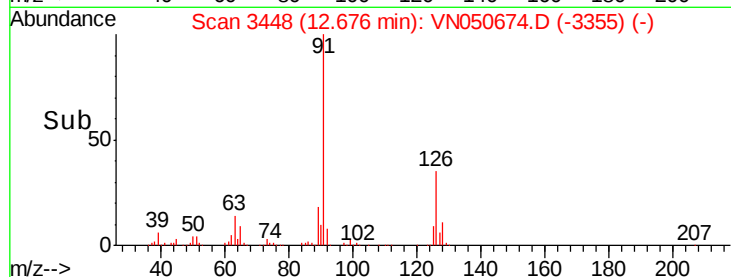
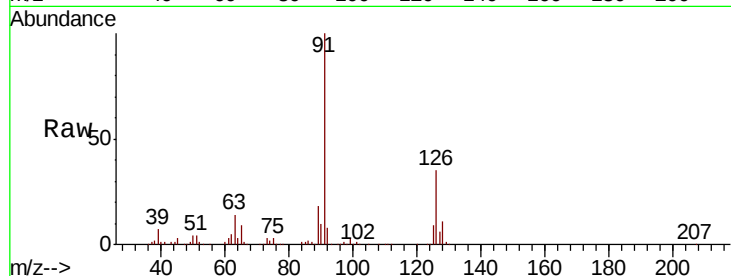
126 35.4 17.6 52.8

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#80

1,3,5-Trimethylbenzene

Concen: 54.05 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050674.D

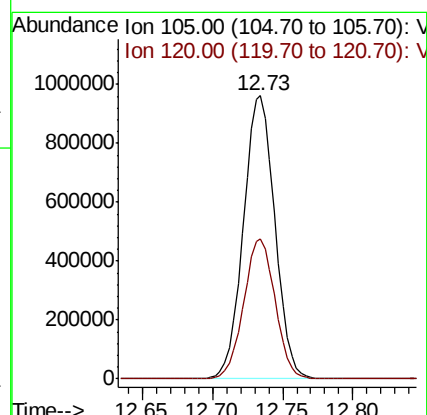
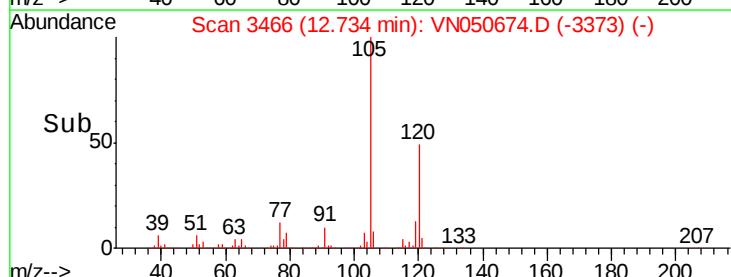
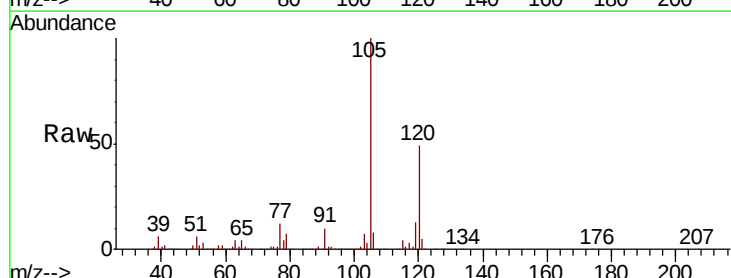
Acq: 15 Aug 2018 23:53

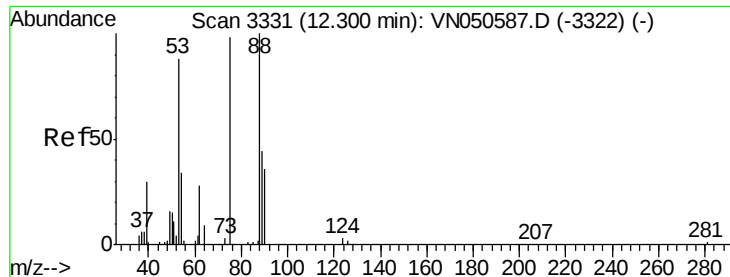
Tgt Ion: 105 Resp: 1500718

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 52.02 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

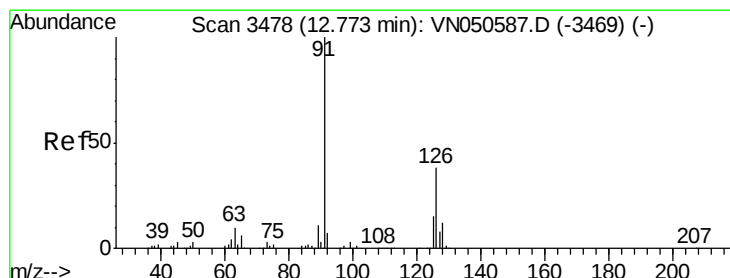
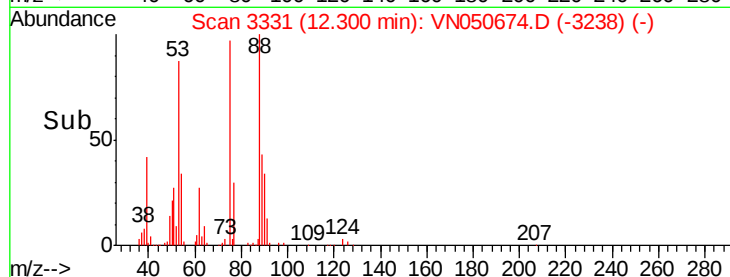
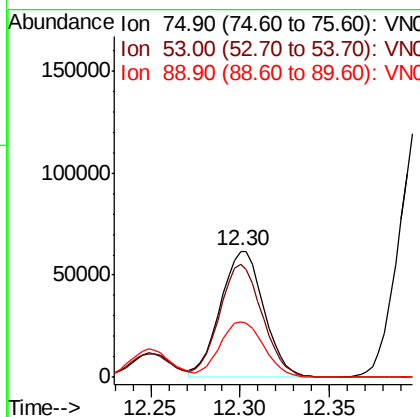
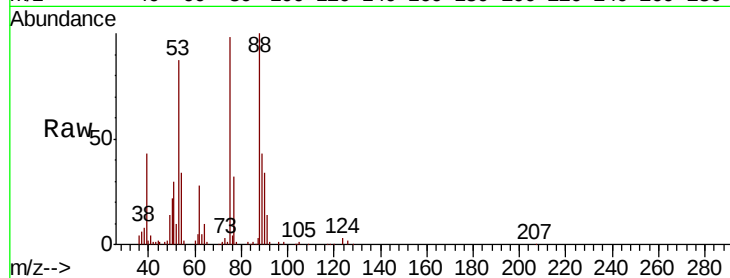
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	103841
Ion	Ratio	Lower	Upper
75	100		
53	89.7	72.2	108.2
89	44.9	36.3	54.5

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#82

4-Chlorotoluene

Concen: 52.07 ug/l

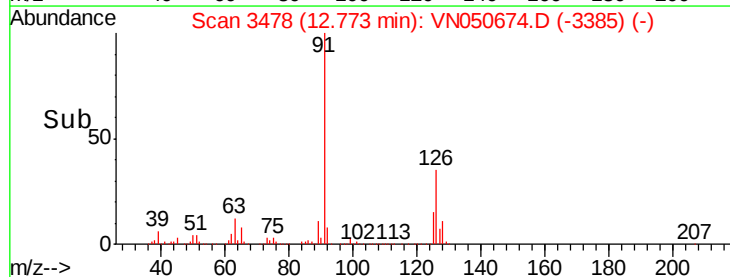
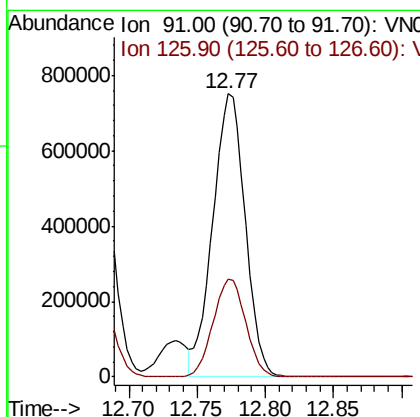
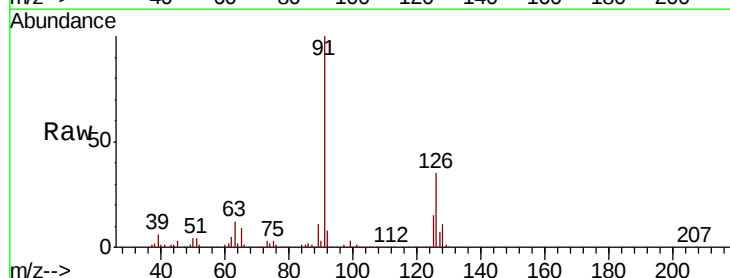
RT: 12.77 min Scan# 3478

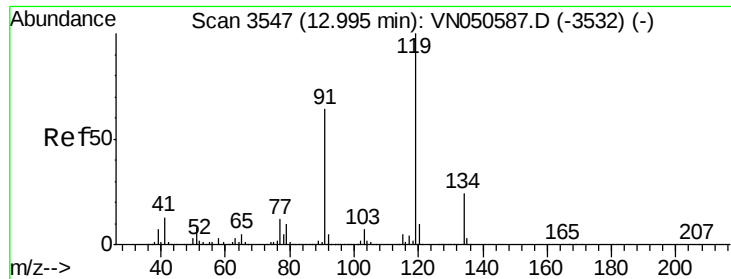
Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion:	91	Resp:	1240391
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.3	52.0





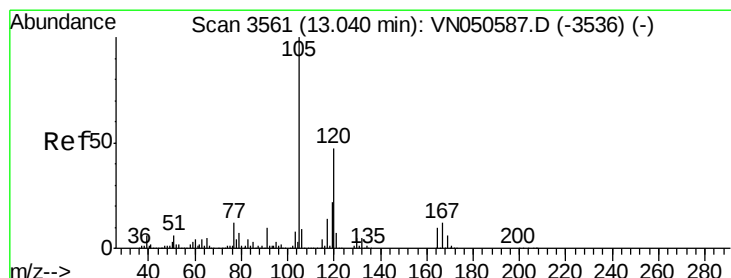
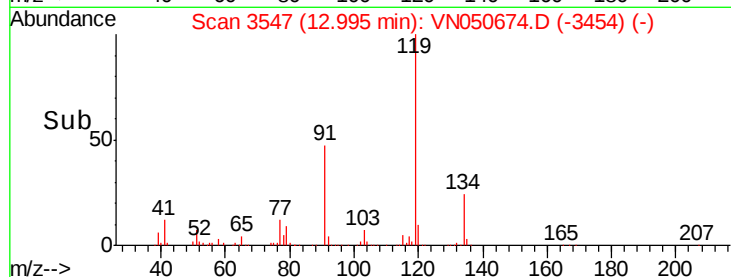
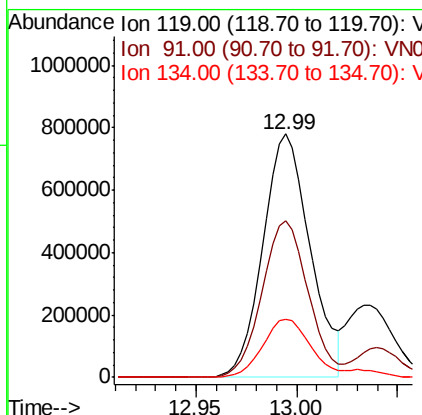
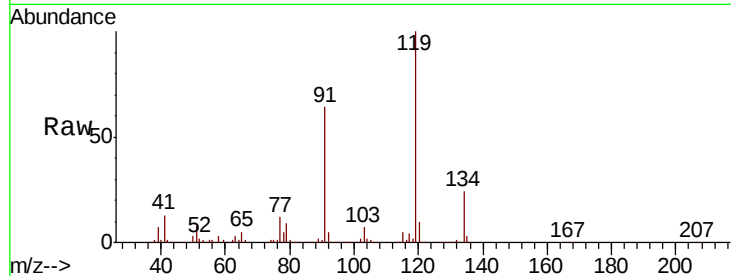
#83
 tert-Butylbenzene
 Concen: 52.82 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	32.2	96.6
134	24.2	13.4	40.2

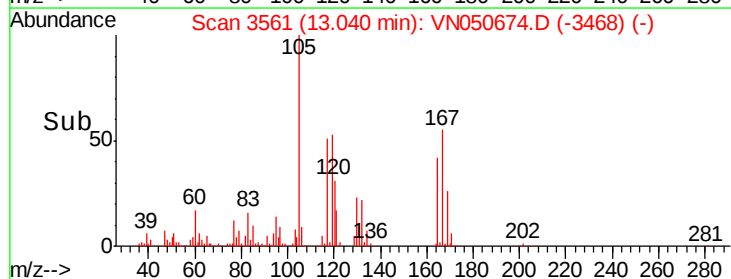
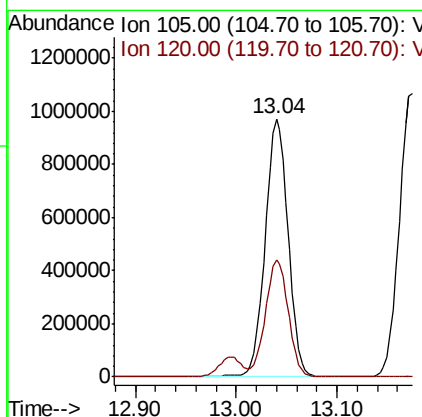
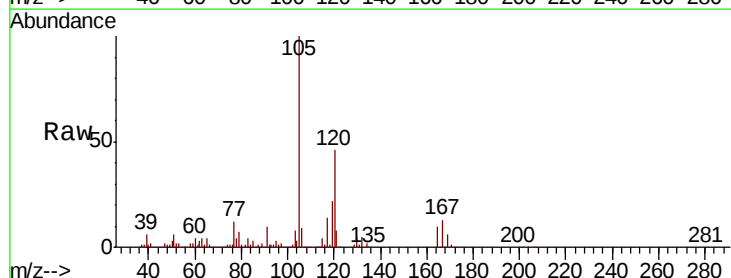
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.12 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.2	69.5





#85

sec-Butylbenzene

Concen: 53.29 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1678157

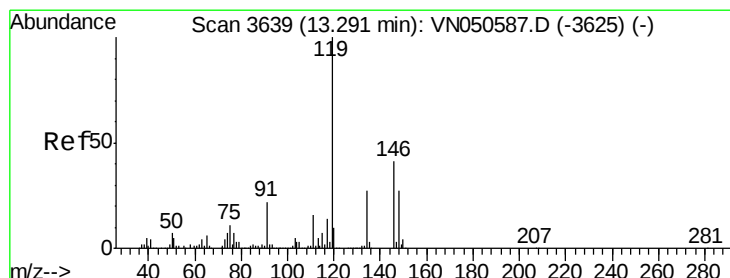
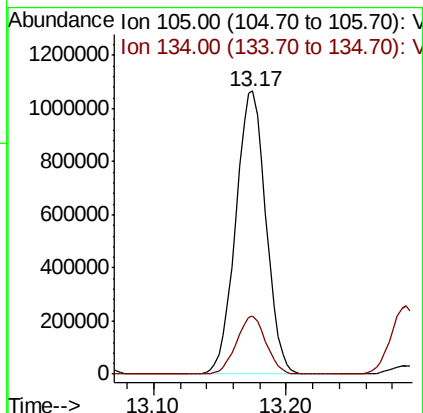
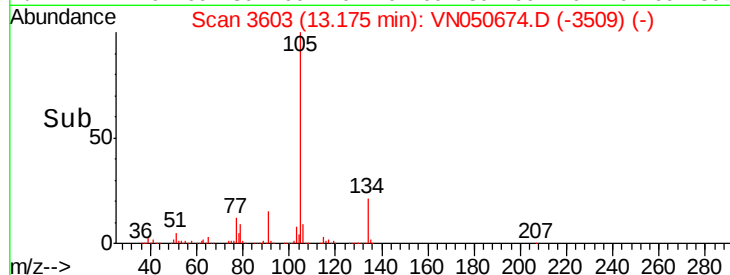
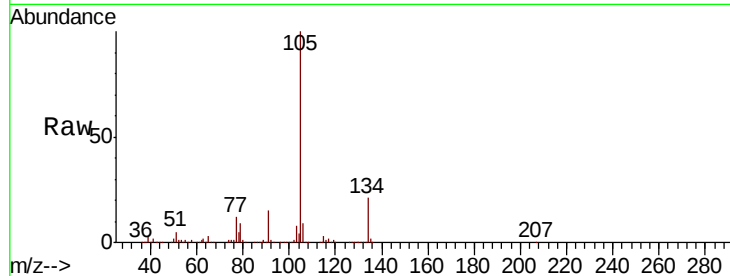
Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 54.84 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

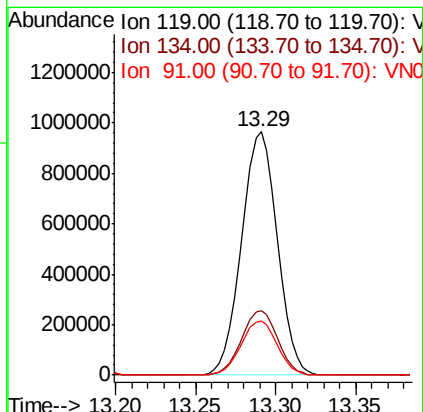
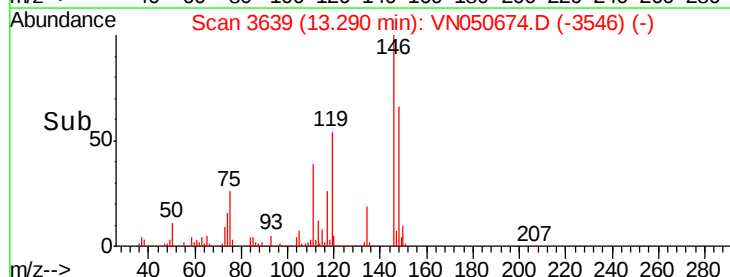
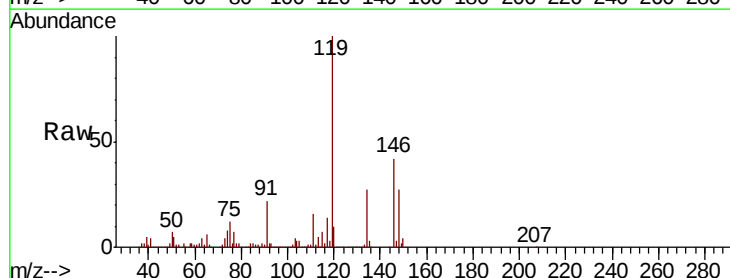
Tgt Ion:119 Resp: 1463415

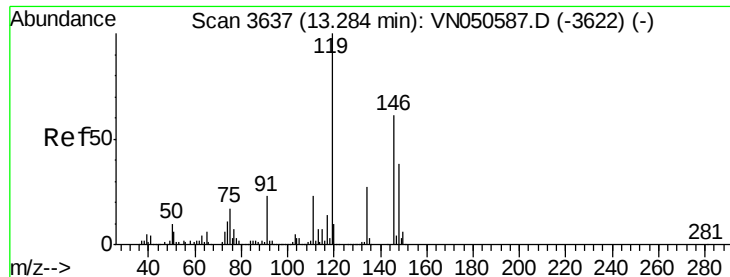
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.5 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 50.30 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

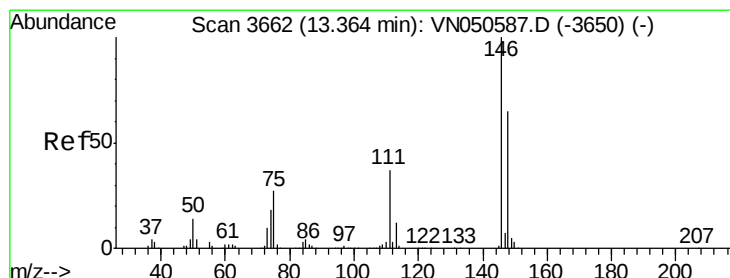
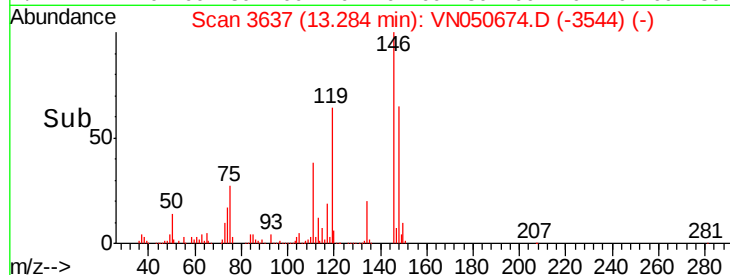
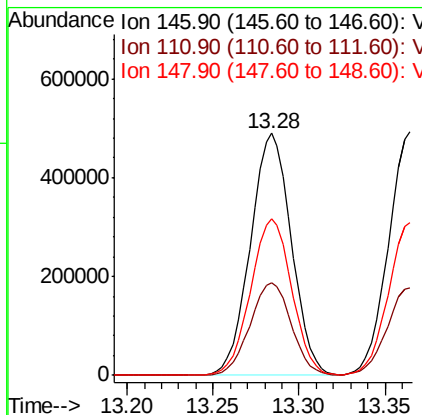
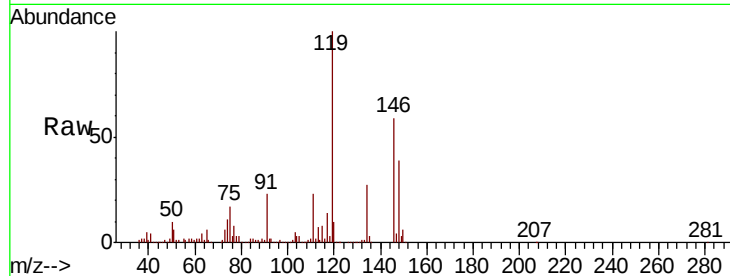
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	806181
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.2	57.6
148	65.0	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 49.88 ug/l

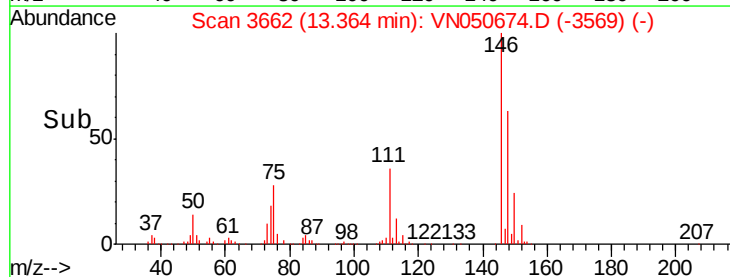
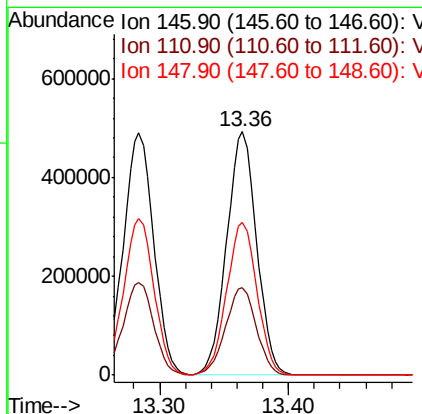
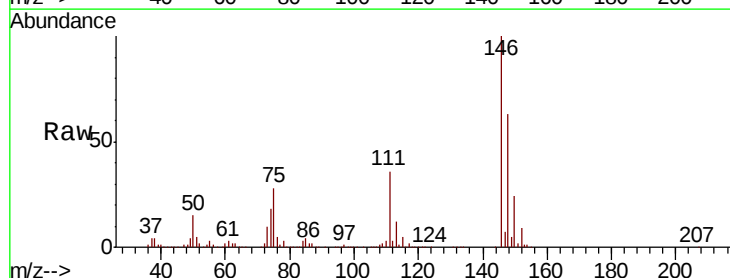
RT: 13.36 min Scan# 3662

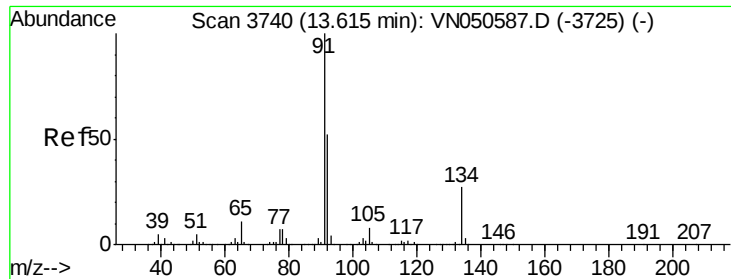
Delta R.T. -0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion:	146	Resp:	793378
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.8	56.4
148	63.6	32.3	96.8





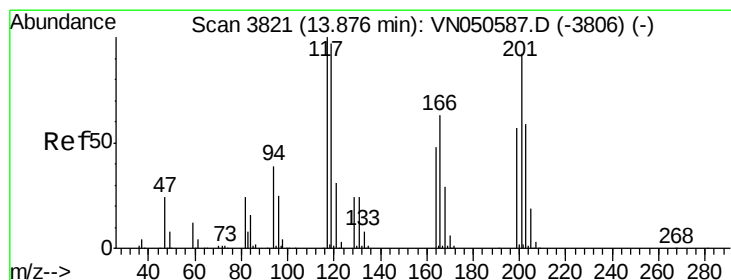
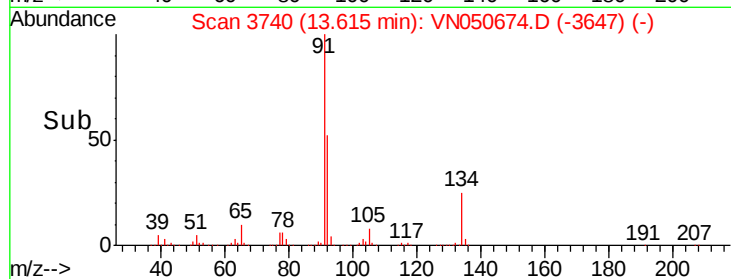
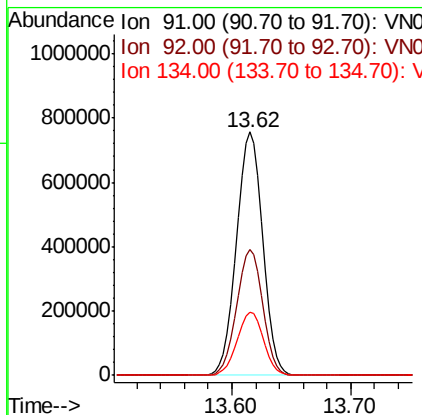
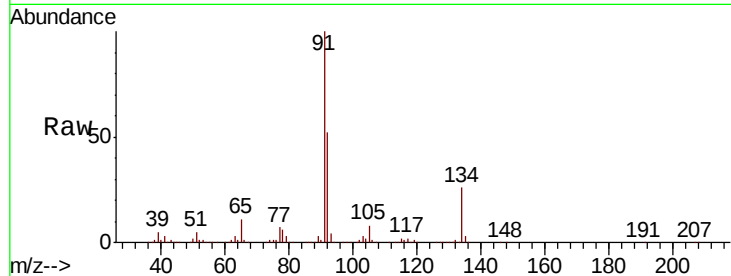
#89
n-Butylbenzene
Concen: 53.57 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1154463
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.8
134 26.1 13.3 39.9

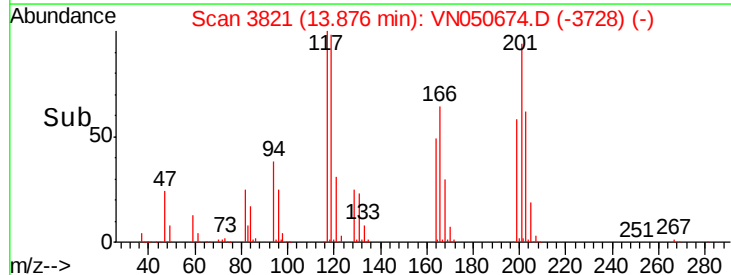
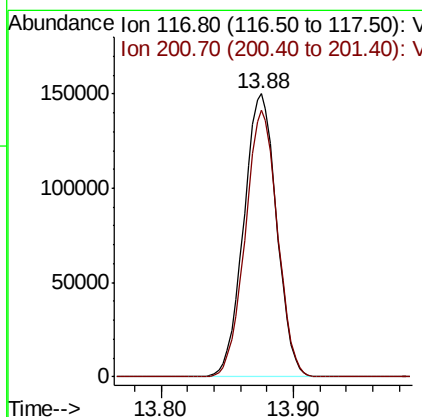
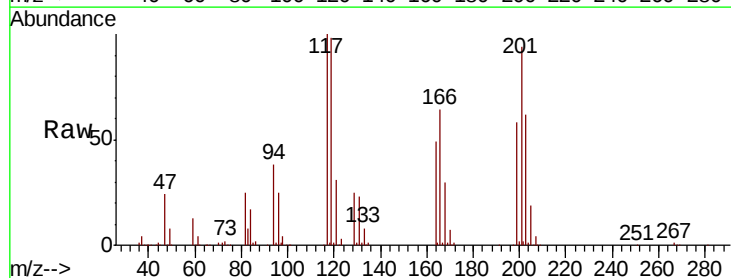
Manual Integrations
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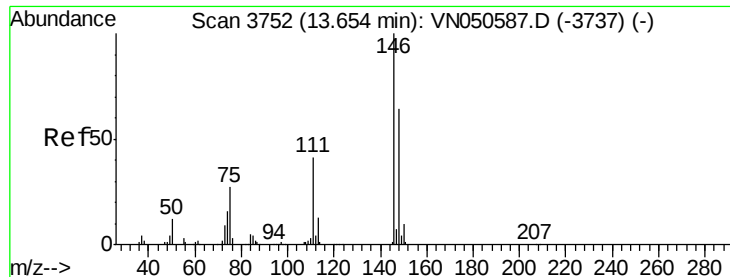
MMDadoda
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#90
Hexachloroethane
Concen: 48.07 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050674.D
Acq: 15 Aug 2018 23:53

Tgt Ion: 117 Resp: 257938
Ion Ratio Lower Upper
117 100
201 92.2 45.5 136.5





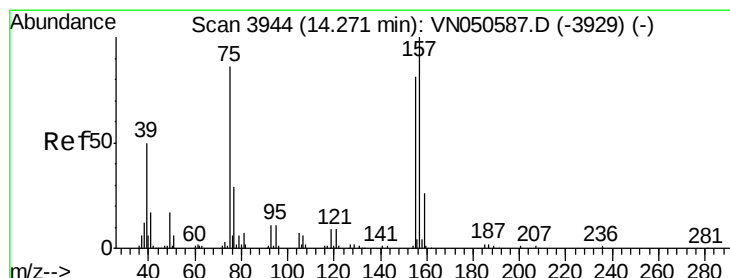
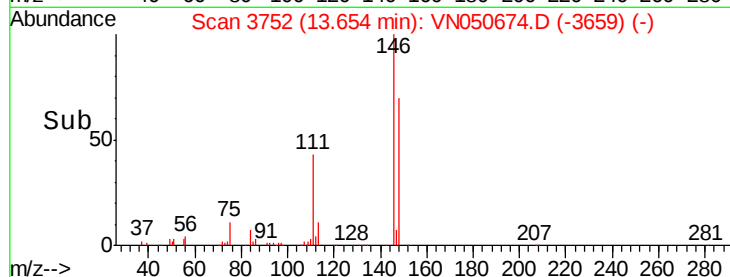
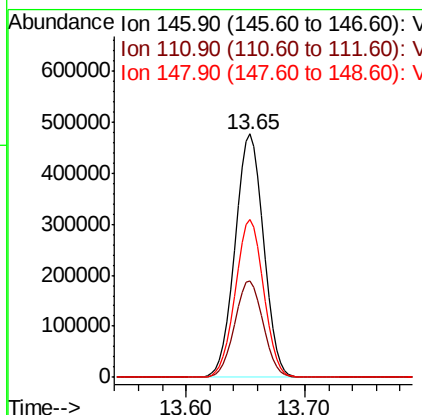
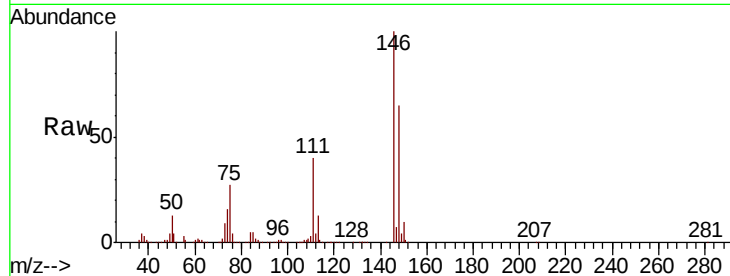
#91
 1,2-Dichlorobenzene
 Concen: 50.63 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	791599		
111	39.7	19.8	59.4	
148	64.5	32.3	96.8	

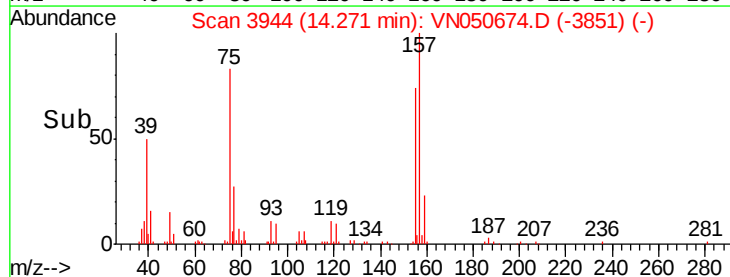
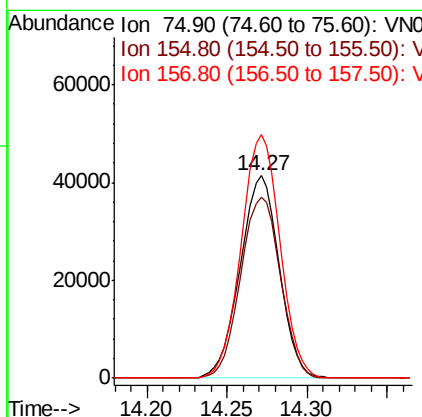
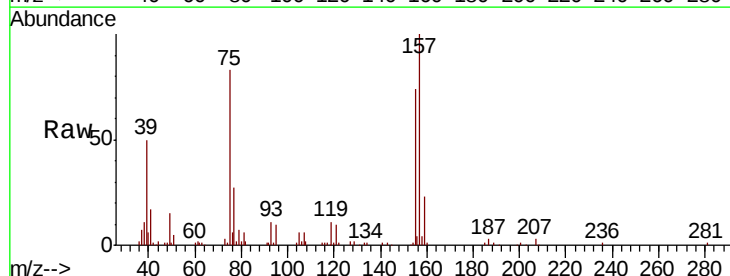
Manual Integrations
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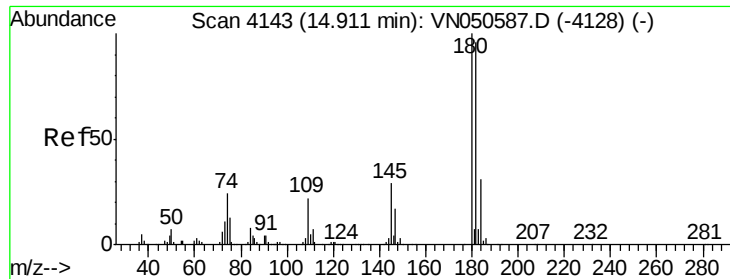
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.50 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68667		
155	91.3	46.6	139.8	
157	119.7	58.1	174.2	





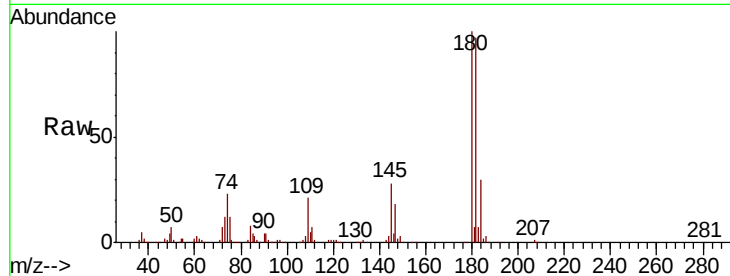
#93
 1,2,4-Trichlorobenzene
 Concen: 48.40 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	387670		
182	95.0	47.9	143.7	
145	27.9	14.4	43.4	

Manual Integrations
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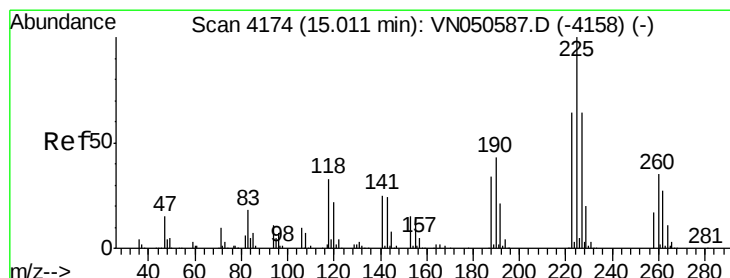
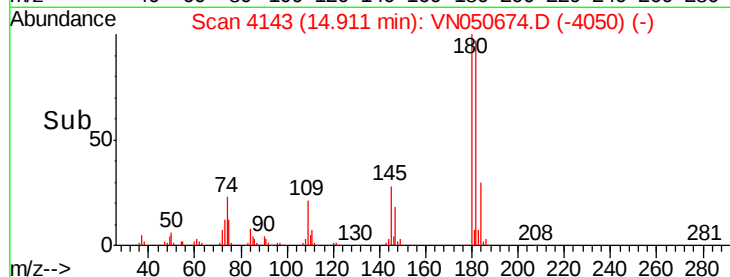
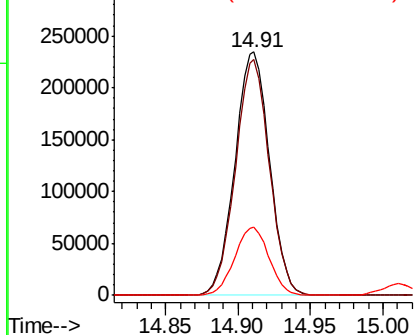


Abundance

Ion 179.80 (179.50 to 180.50): V

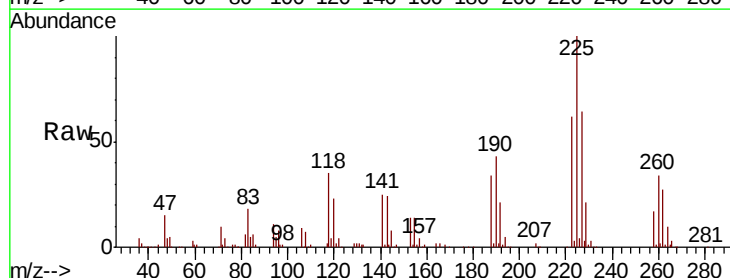
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.85 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050674.D
 Acq: 15 Aug 2018 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	234175		
223	62.4	32.1	96.3	
227	64.5	32.0	96.2	

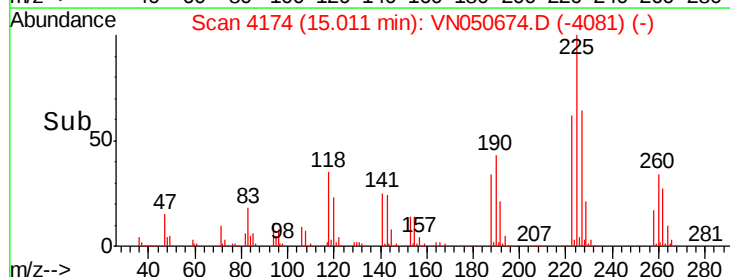
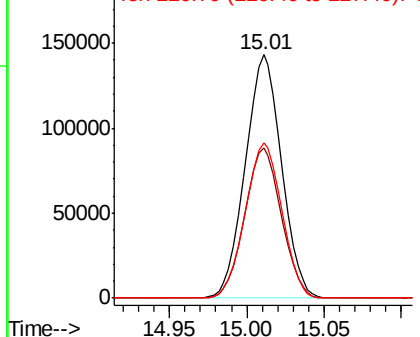


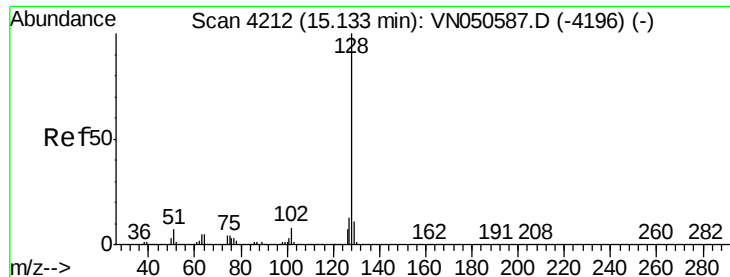
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.25 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Instrument :

MSVOA_N

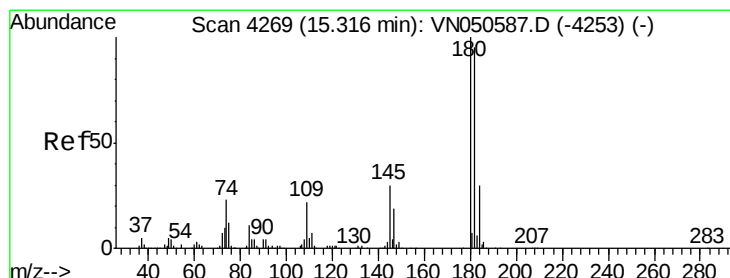
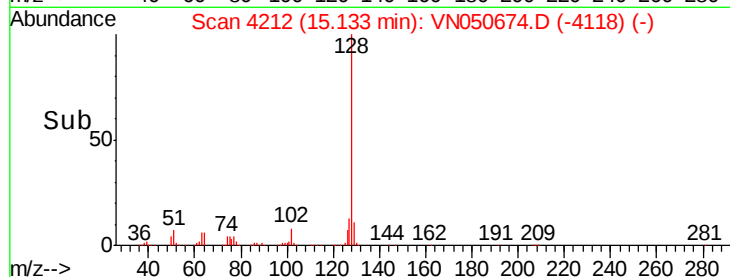
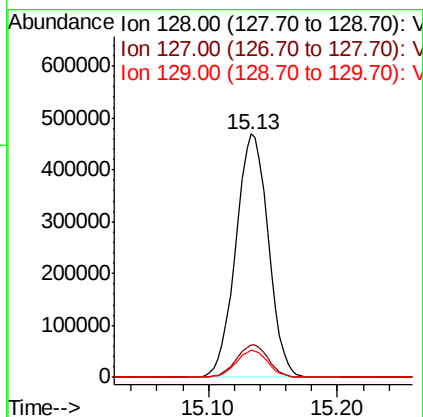
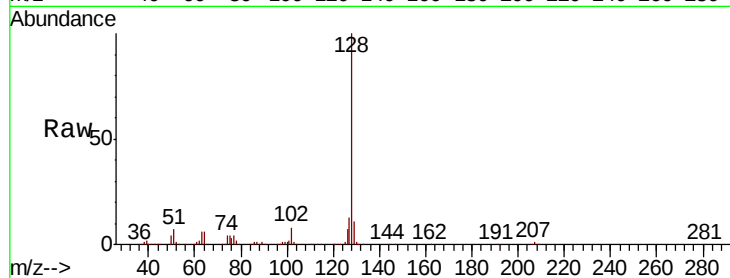
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	821261
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.9	8.5	12.7

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 50.37 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050674.D

Acq: 15 Aug 2018 23:53

Tgt Ion:	180	Resp:	377676
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.3	141.8
145	30.2	14.6	44.0

