

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050355.D
 Acq On : 4 Aug 2018 10:01
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 8/6/2018 6:04:38 PM

Quant Time: Aug 06 01:42:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	687536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	975221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	906980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	506374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	451086	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.59	113	401867	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.09	98	1532805	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.40	95	538579	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	437679	44.31	ug/l	99
3) Chloromethane	2.06	50	431712	40.20	ug/l	98
4) Vinyl Chloride	2.18	62	460782	40.75	ug/l	98
5) Bromomethane	2.56	94	422432	67.63	ug/l	99
6) Chloroethane	2.70	64	279111	41.10	ug/l	98
7) Trichlorofluoromethane	3.01	101	644263	43.98	ug/l	99
8) Diethyl Ether	3.41	74	226772	46.43	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	408935	46.42	ug/l	100
10) Methyl Iodide	3.95	142	261877	23.16	ug/l	99
11) Tert butyl alcohol	4.79	59	157882	223.69	ug/l	100
12) 1,1-Dichloroethene	3.73	96	352141	44.44	ug/l	98
13) Acrolein	3.61	56	168301	296.78	ug/l	97
14) Allyl chloride	4.32	41	576616	46.93	ug/l	98
15) Acrylonitrile	4.99	53	724293	235.21	ug/l	100
16) Acetone	3.82	43	503346	222.28	ug/l	99
17) Carbon Disulfide	4.05	76	883839	36.41	ug/l	100
18) Methyl Acetate	4.33	43	502667	57.44	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1051735	49.80	ug/l	99
20) Methylene Chloride	4.55	84	414989	48.76	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	376085	44.79	ug/l	100
22) Diisopropyl ether	5.95	45	1260483	51.74	ug/l	100
23) Vinyl Acetate	5.90	43	3820882	221.92	ug/l	100
24) 1,1-Dichloroethane	5.85	63	738770	46.37	ug/l	99
25) 2-Butanone	6.84	43	834776	228.15	ug/l	100
26) 2,2-Dichloropropane	6.82	77	629852	51.97	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	438295	48.49	ug/l	98
28) Bromochloromethane	7.19	49	351260	48.34	ug/l	100
29) Tetrahydrofuran	7.21	42	552095	233.51	ug/l	100
30) Chloroform	7.37	83	764080	47.00	ug/l	98
31) Cyclohexane	7.65	56	607508	45.97	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	646684	46.50	ug/l	100
36) 1,1-Dichloropropene	7.79	75	556003	50.60	ug/l	99
37) Ethyl Acetate	6.93	43	359586	46.94	ug/l	99
38) Carbon Tetrachloride	7.77	117	566018	48.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	589407	52.15	ug/l	99
40) Benzene	8.04	78	1687444	50.47	ug/l	99
41) Methacrylonitrile	7.17	41	198742	49.82	ug/l	87
42) 1,2-Dichloroethane	8.12	62	540996	48.50	ug/l	100
43) Isopropyl Acetate	8.17	43	709105	49.10	ug/l	99
44) Trichloroethene	8.84	130	436814	48.62	ug/l	100
45) 1,2-Dichloropropane	9.12	63	458824	51.81	ug/l	97
46) Dibromomethane	9.21	93	274339	49.89	ug/l	99
47) Bromodichloromethane	9.40	83	591983	51.01	ug/l	100
48) Methyl methacrylate	9.20	41	352101	53.37	ug/l	99
49) 1,4-Dioxane	9.20	88	94228	1049.52	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1961083	260.42	ug/l	100
52) Toluene	10.16	92	1048829	53.14	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	605730	55.31	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	680462	54.37	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	406301	51.90	ug/l	100
56) Ethyl methacrylate	10.43	69	524754	49.51	ug/l	99
57) 1,3-Dichloropropane	10.71	76	666217	52.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1191259	240.78	ug/l	100
59) 2-Hexanone	10.75	43	1374391	248.41	ug/l	100
60) Dibromochloromethane	10.90	129	456487	52.67	ug/l	99
61) 1,2-Dibromoethane	11.01	107	397264	51.15	ug/l	100
64) Tetrachloroethene	10.63	164	417820	47.92	ug/l	99
65) Chlorobenzene	11.43	112	1156219	50.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	444144	50.46	ug/l	99
67) Ethyl Benzene	11.51	91	2011482	54.66	ug/l	100
68) m/p-Xylenes	11.62	106	1558460	111.96	ug/l	100
69) o-Xylene	11.95	106	740347	55.79	ug/l	100
70) Styrene	11.96	104	1231873	52.16	ug/l	100
71) Bromoform	12.13	173	322866	50.42	ug/l #	98
73) Isopropylbenzene	12.25	105	2017004	51.36	ug/l	100
74) N-amyl acetate	12.07	43	589925	49.15	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	522353	49.79	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	443204m	47.10	ug/l	
77) Bromobenzene	12.53	156	521460	47.91	ug/l	100
78) n-propylbenzene	12.59	91	2366528	53.91	ug/l	100
79) 2-Chlorotoluene	12.68	91	1384476	50.89	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1699206	55.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	148470	50.04	ug/l	97
82) 4-Chlorotoluene	12.77	91	1435657	53.29	ug/l	99
83) tert-Butylbenzene	12.99	119	1464681	54.33	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1737683	55.81	ug/l	100
85) sec-Butylbenzene	13.17	105	1968390	54.65	ug/l	100
86) p-Isopropyltoluene	13.29	119	1746467	57.54	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	947195	51.33	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	930182	51.72	ug/l	99
89) n-Butylbenzene	13.62	91	1477811	59.21	ug/l	100
90) Hexachloroethane	13.88	117	292516	43.40	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	913608	49.53	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	83112	47.46	ug/l	99

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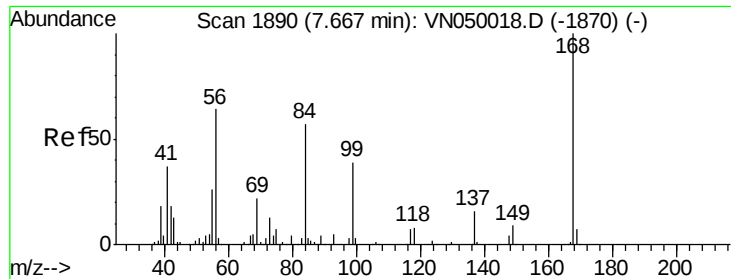
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	516580	52.64	ug/l	98
94) Hexachlorobutadiene	15.01	225	287778	50.96	ug/l	100
95) Naphthalene	15.14	128	1159668	50.13	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	496599	52.03	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 687536

Ion Ratio Lower Upper

168 100

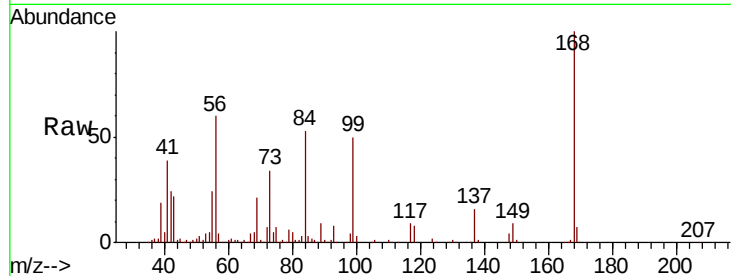
99 50.1 40.0 60.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

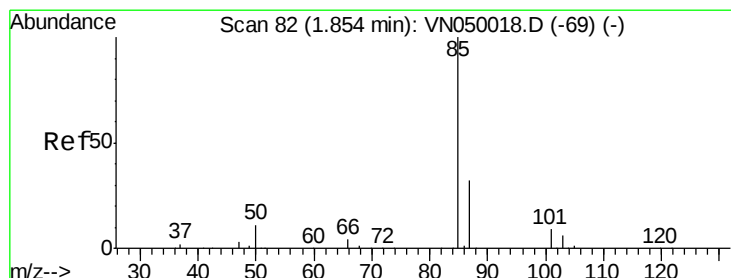
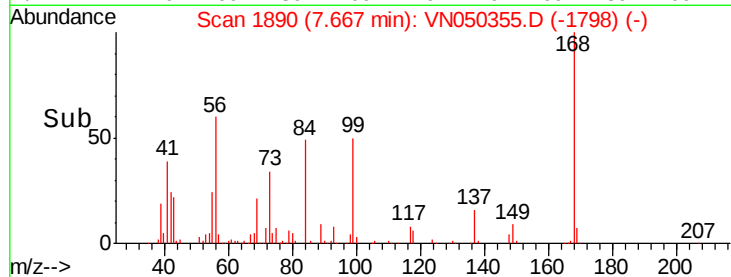
300000

200000

100000

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Time-->



#2

Dichlorodifluoromethane

Concen: 44.31 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050355.D

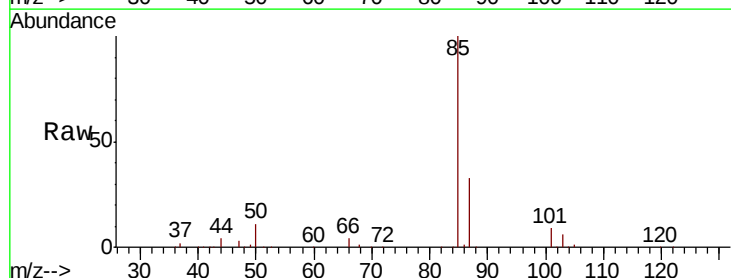
Acq: 4 Aug 2018 10:01

Tgt Ion: 85 Resp: 437679

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

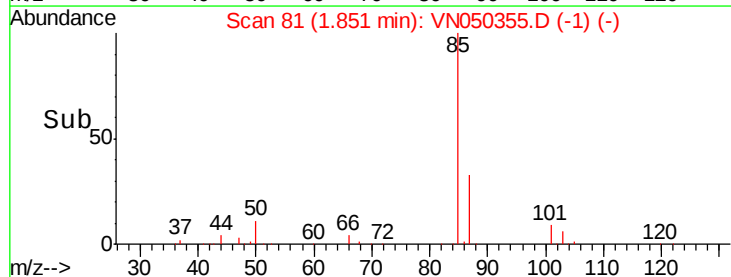
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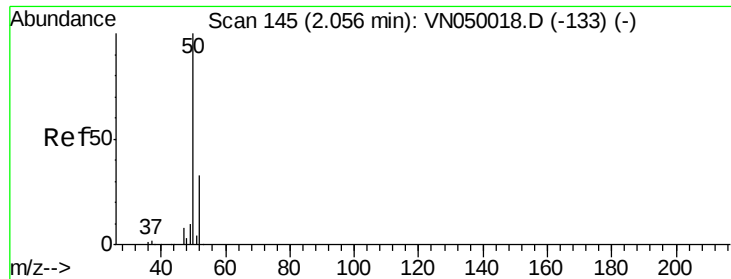
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Time-->





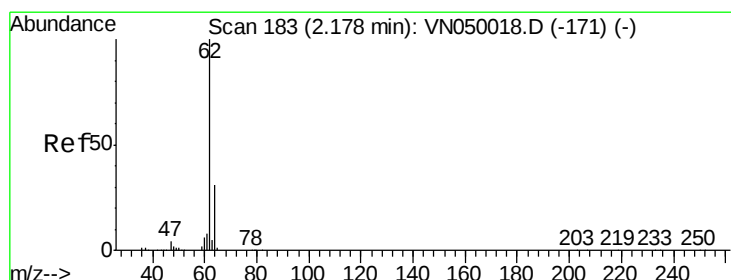
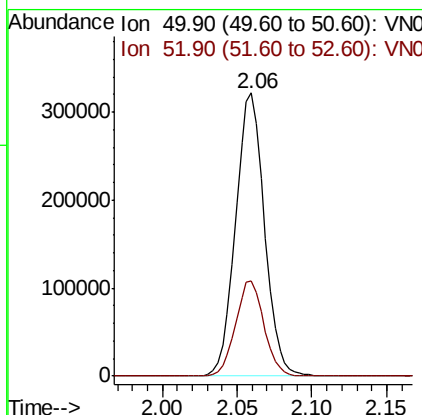
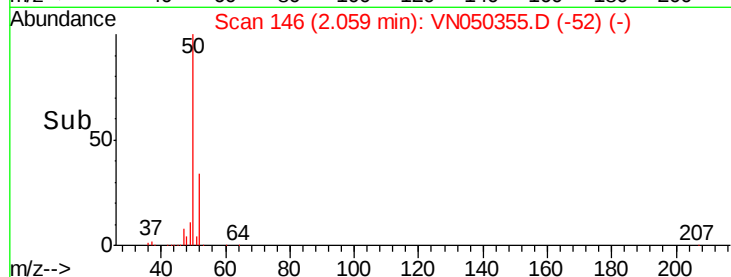
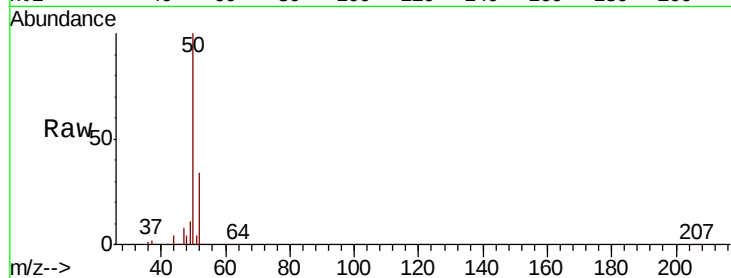
#3
Chloromethane
Concen: 40.20 ug/l
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.6	25.9	38.9

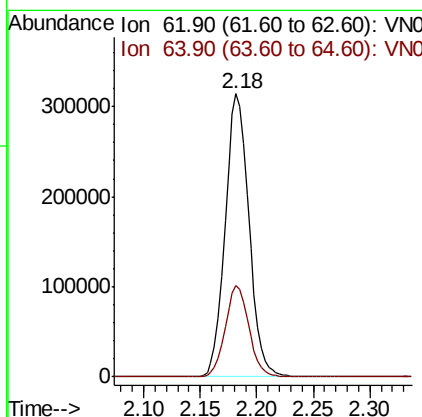
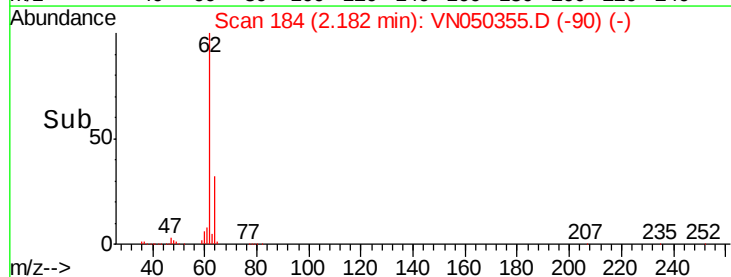
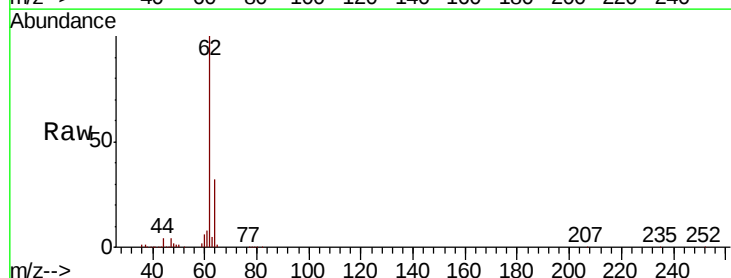
Manual Integrations
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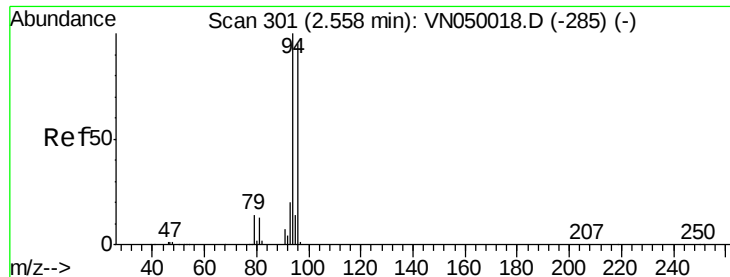
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#4
Vinyl Chloride
Concen: 40.75 ug/l
RT: 2.18 min Scan# 184
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.7	37.1





#5

Bromomethane

Concen: 67.63 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 422432

Ion Ratio Lower Upper

94 100

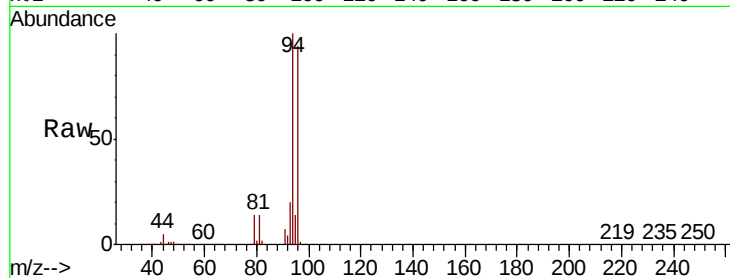
96 94.2 74.6 112.0

Manual Integrations

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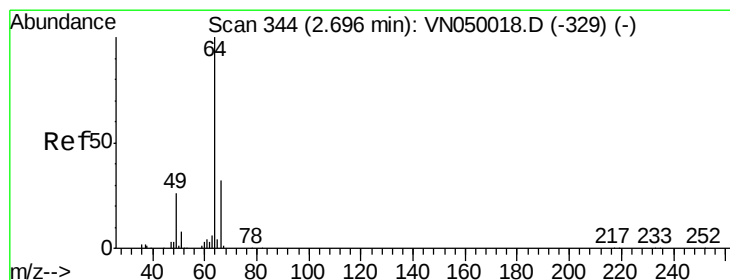
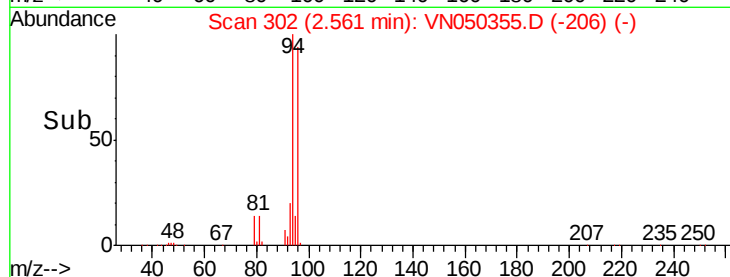
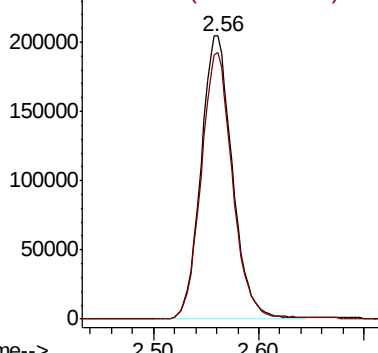
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 41.10 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN050355.D

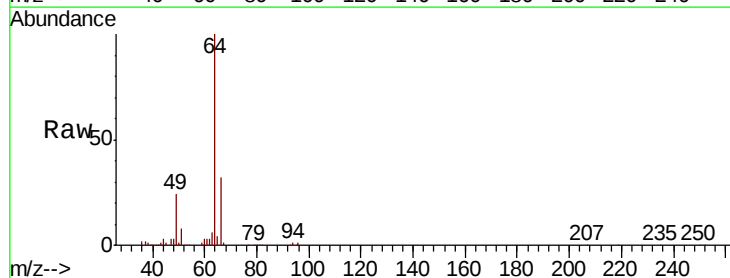
Acq: 4 Aug 2018 10:01

Tgt Ion: 64 Resp: 279111

Ion Ratio Lower Upper

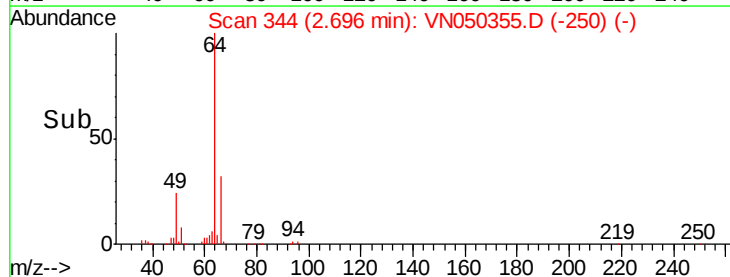
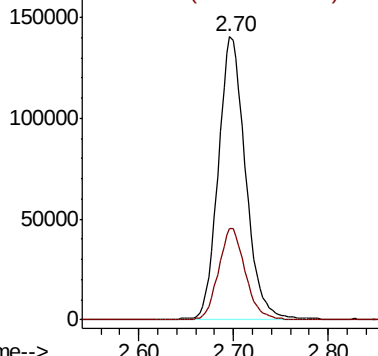
64 100

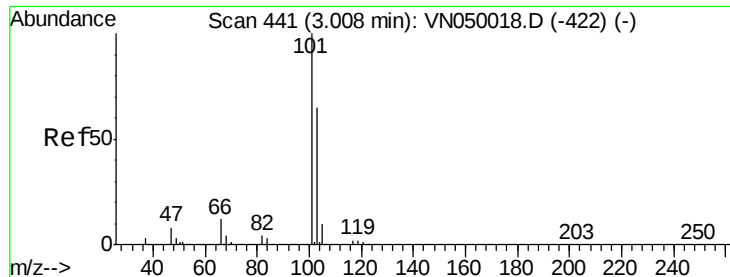
66 32.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

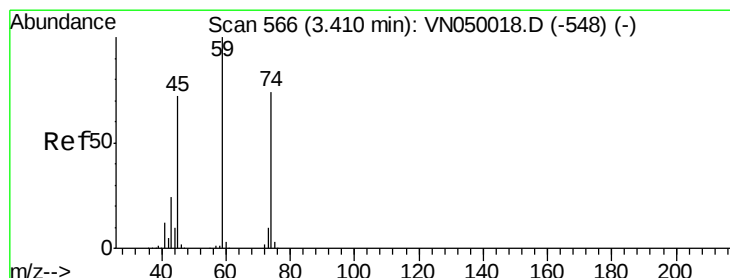
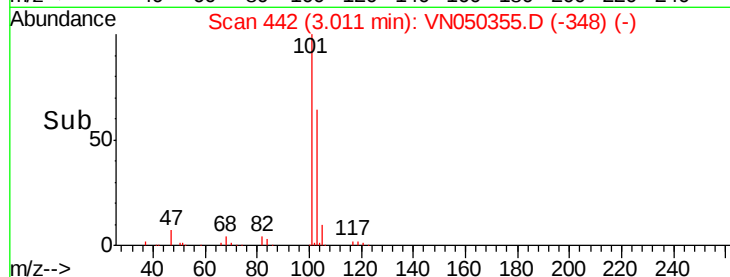
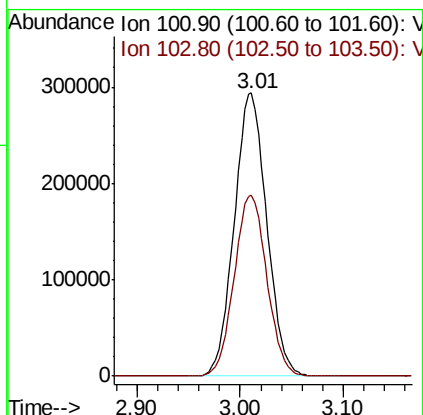
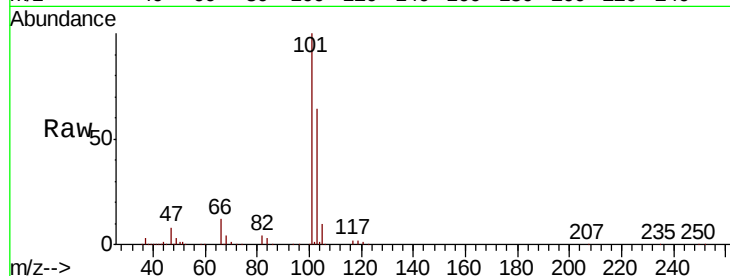
Trichlorofluoromethane
 Concen: 43.98 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.7	77.5

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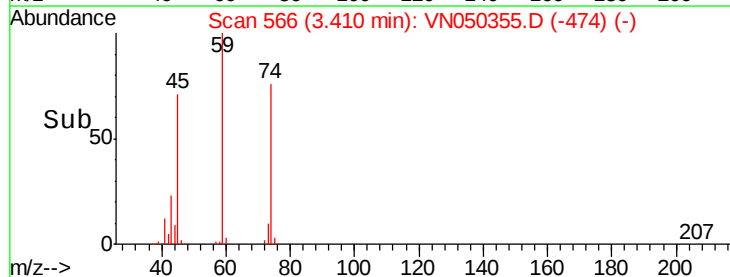
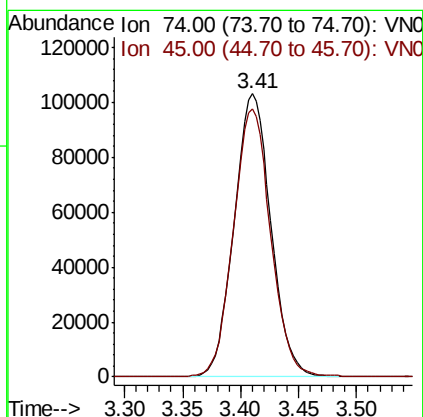
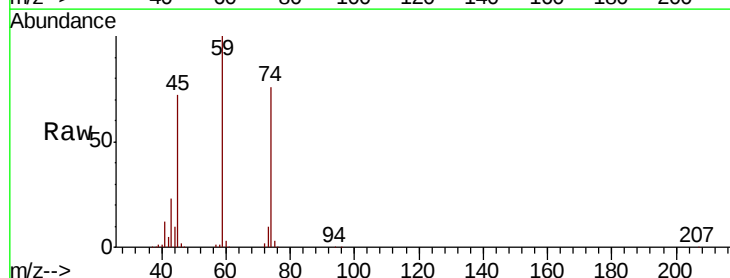
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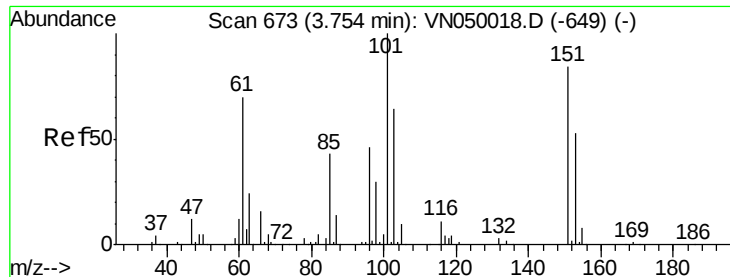


#8

Diethyl Ether
 Concen: 46.43 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	47.6	142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.42 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

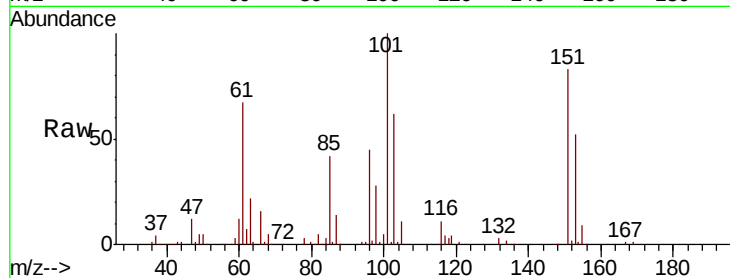
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	408935
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.2	51.2
151	83.1	66.3	99.5

Manual Integrations
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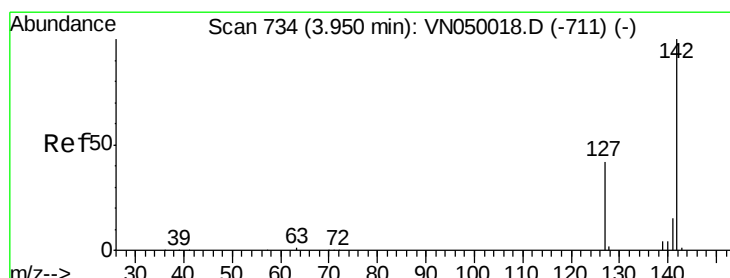
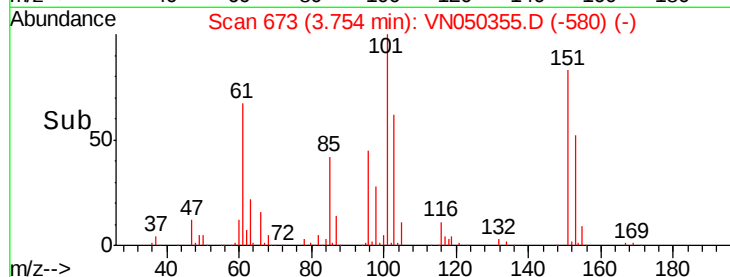
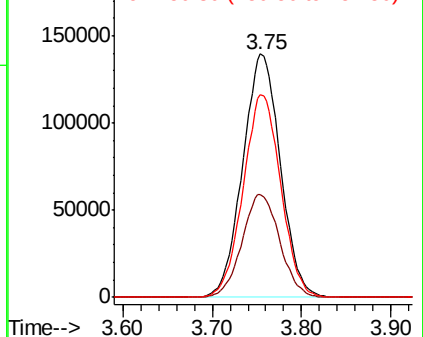


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.16 ug/l

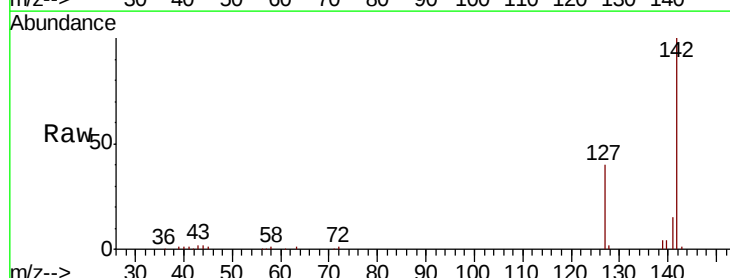
RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Tgt Ion:	142	Resp:	261877
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.4	50.2
141	14.3	11.6	17.4

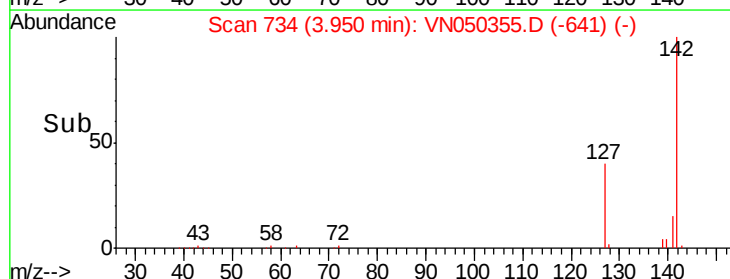
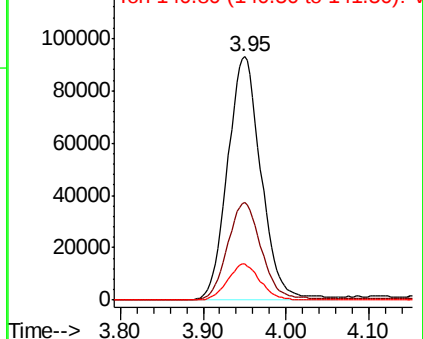


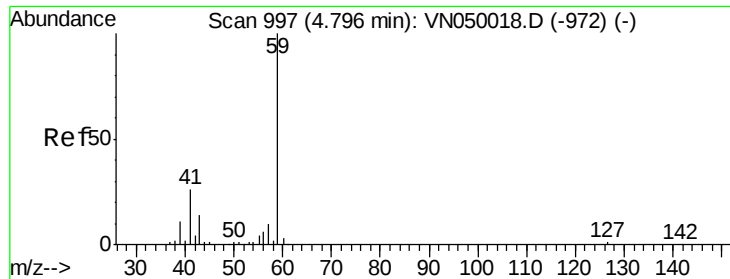
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

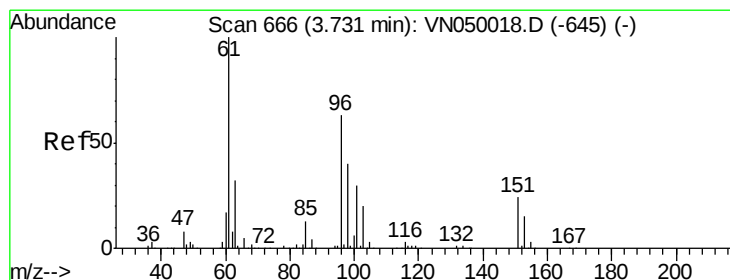
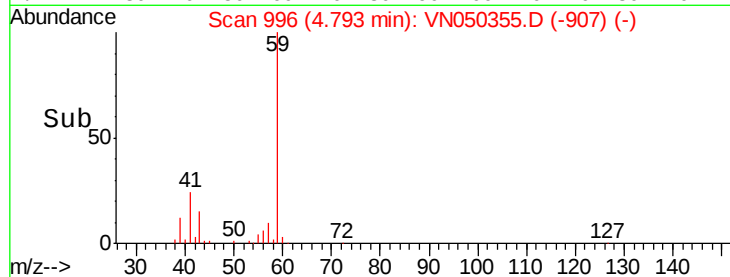
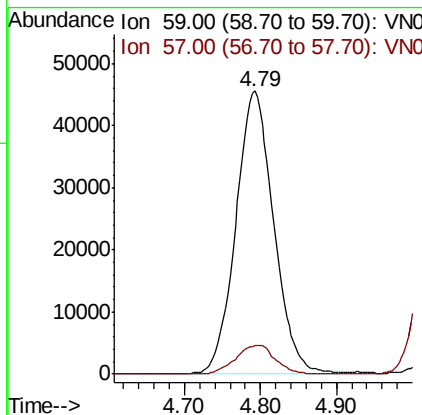
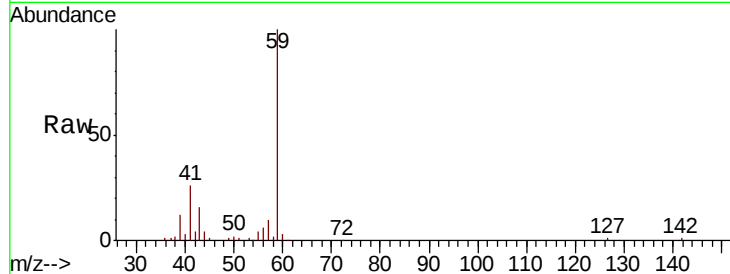
Tert butyl alcohol
 Concen: 223.69 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	157882
Ion Ratio	100	Lower	Upper
57	10.6	8.5	12.7

Manual Integrations
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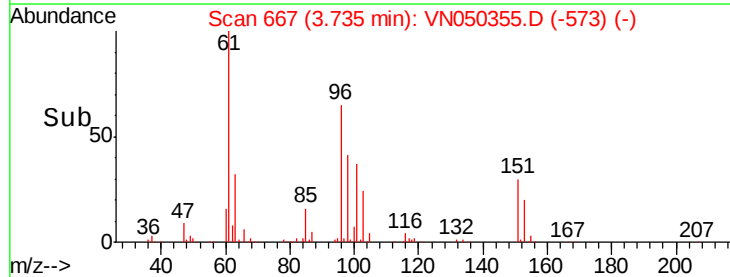
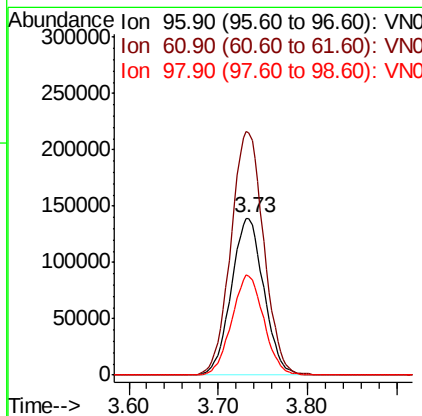
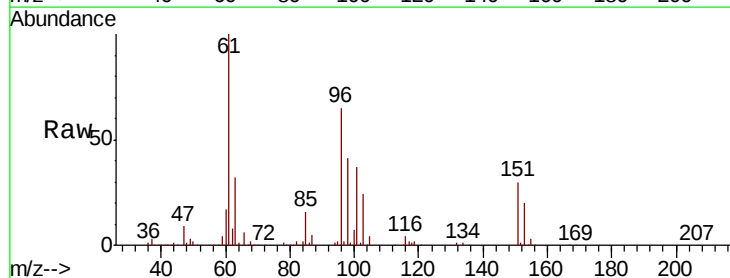
apatel
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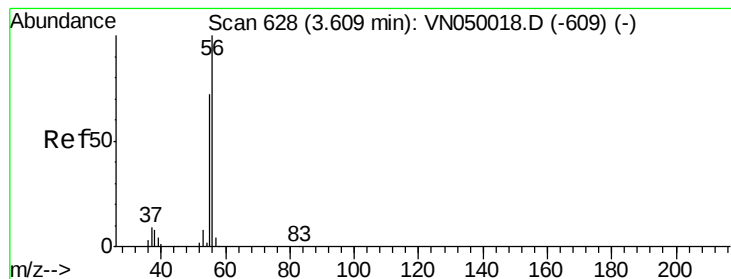


#12

1,1-Dichloroethene
 Concen: 44.44 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	96	Resp	352141
Ion Ratio	100	Lower	Upper
61	154.5	124.4	186.6
98	63.3	48.3	72.5





#13

Acrolein

Concen: 296.78 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 168301

Ion Ratio Lower Upper

56 100

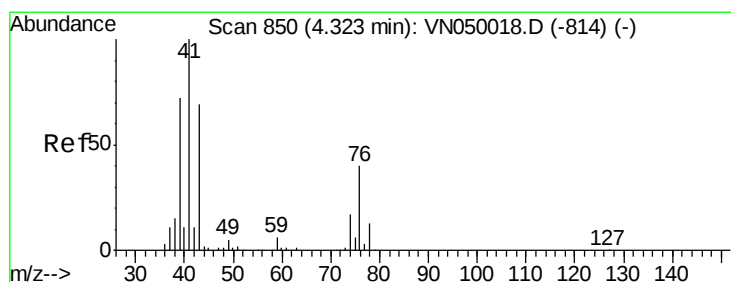
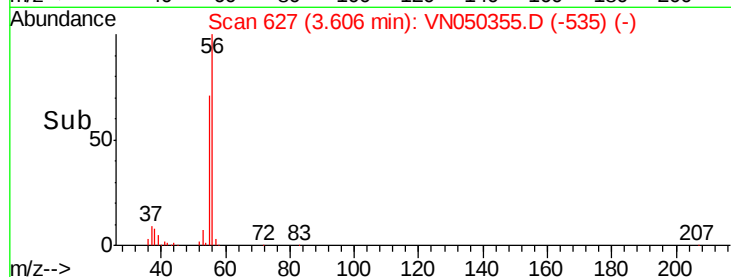
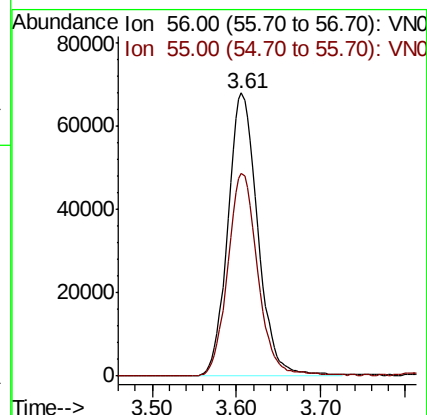
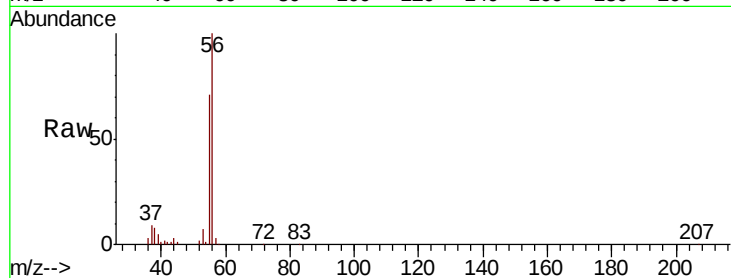
55 72.0 55.8 83.6

Manual Integrations

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#14

Allyl chloride

Concen: 46.93 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

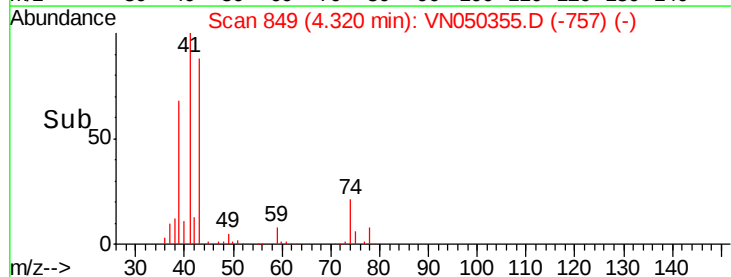
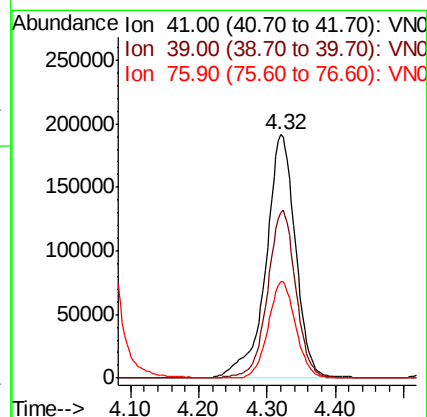
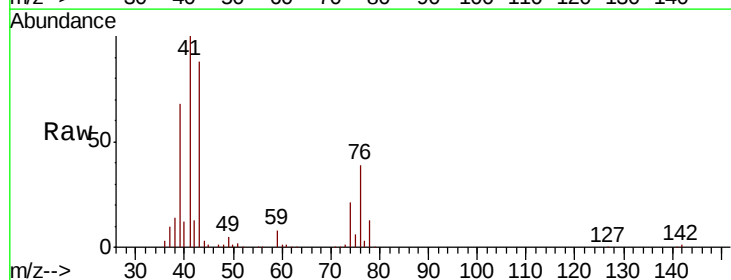
Tgt Ion: 41 Resp: 576616

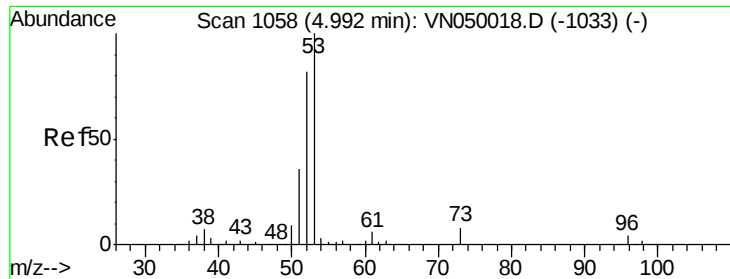
Ion Ratio Lower Upper

41 100

39 65.7 54.2 81.4

76 36.3 29.0 43.6





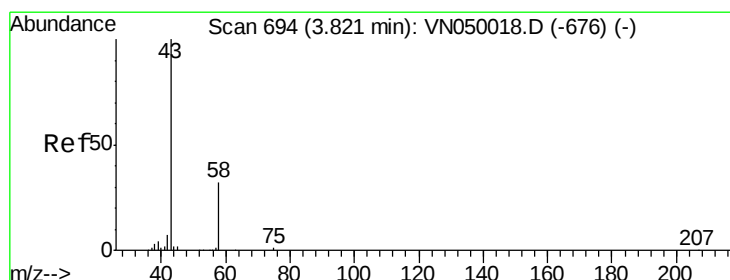
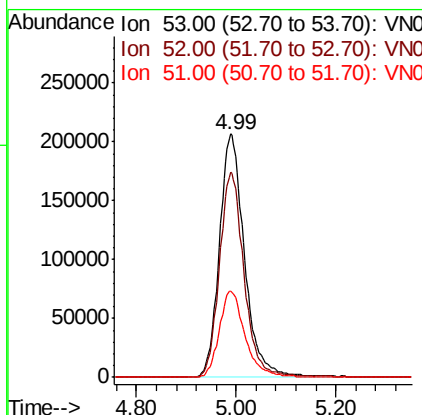
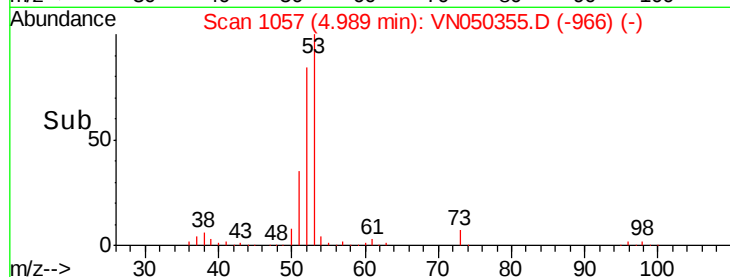
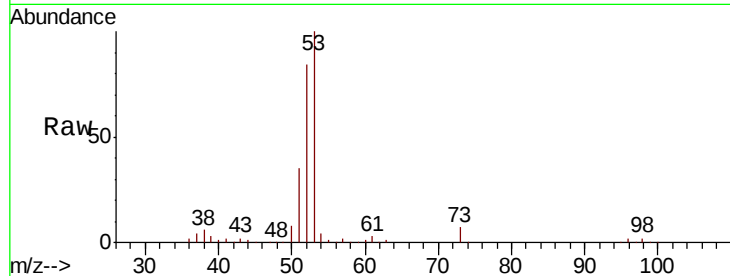
#15
 Acrylonitrile
 Concen: 235.21 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	36.4	29.3	43.9

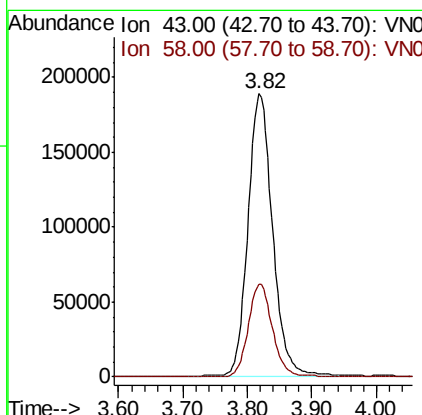
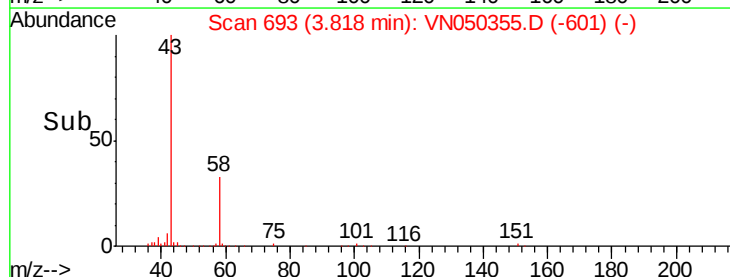
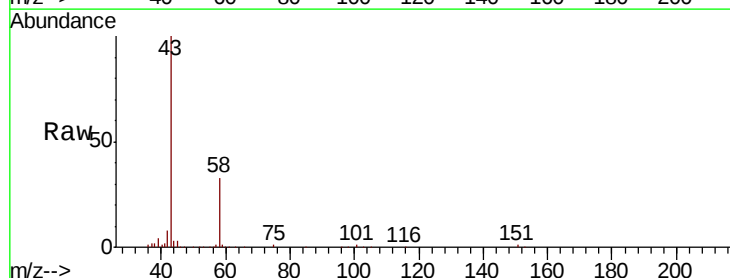
Manual Integrations
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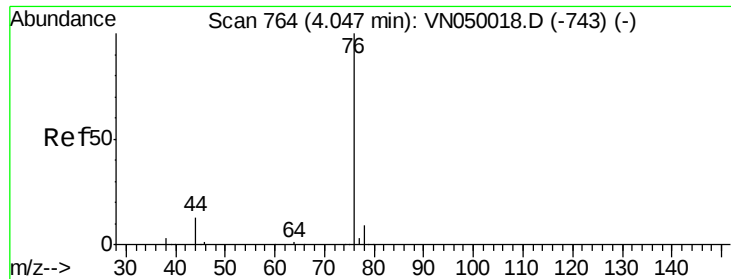
apatel
 8/6/2018 6:04:38 PM



#16
 Acetone
 Concen: 222.28 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.8	38.8





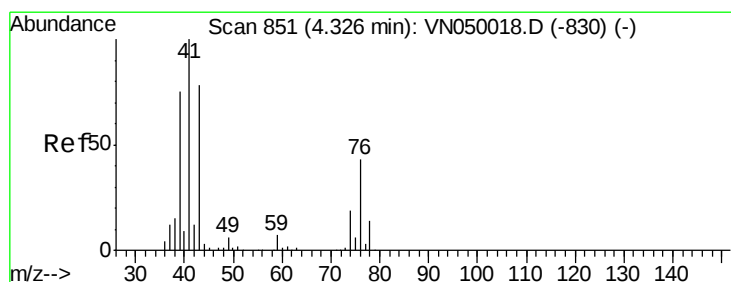
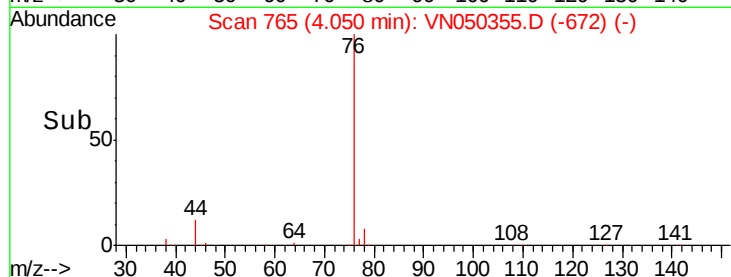
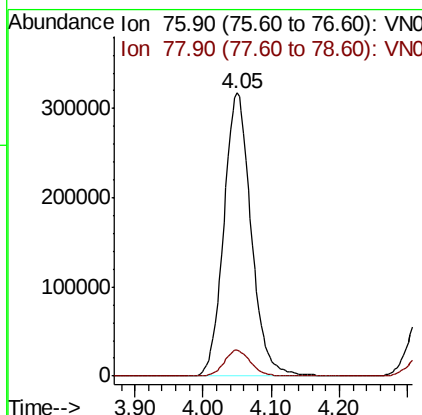
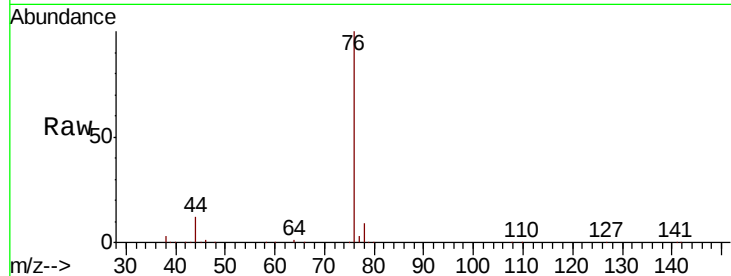
#17
Carbon Disulfide
Concen: 36.41 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

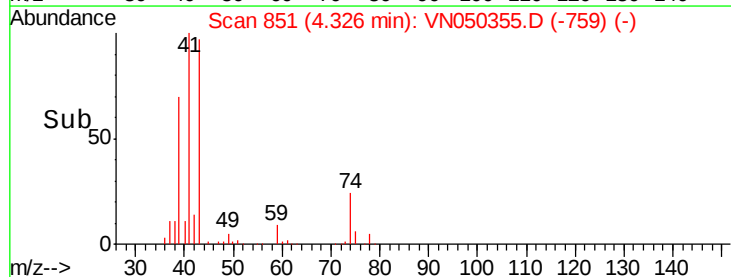
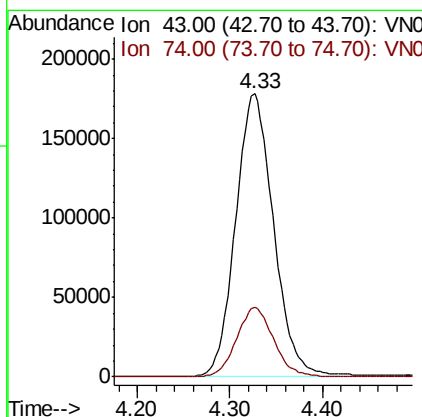
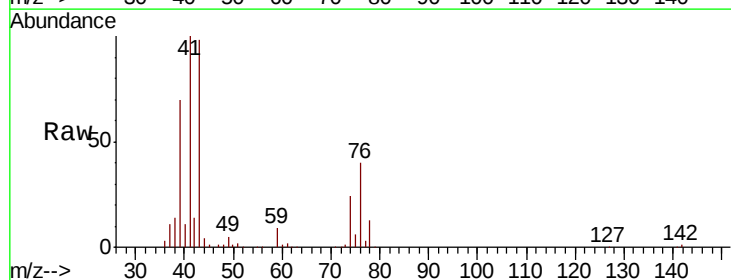
Manual Integrations
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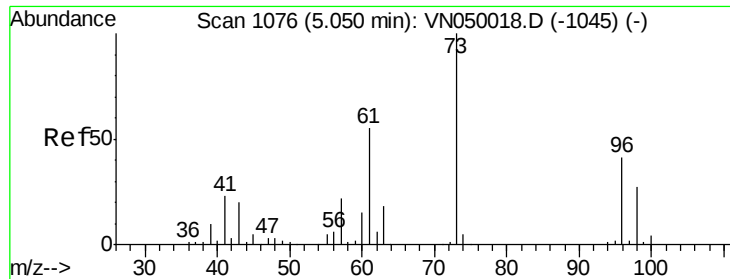
apatel
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#18
Methyl Acetate
Concen: 57.44 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.01 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.2	28.8





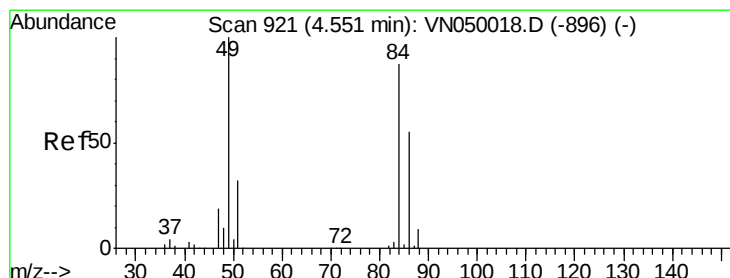
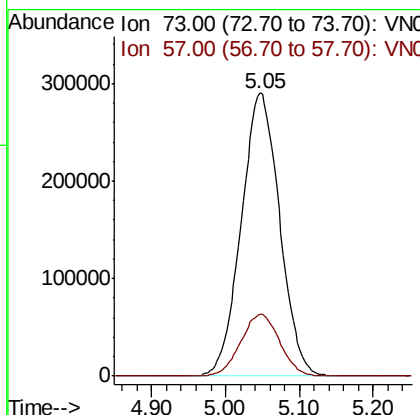
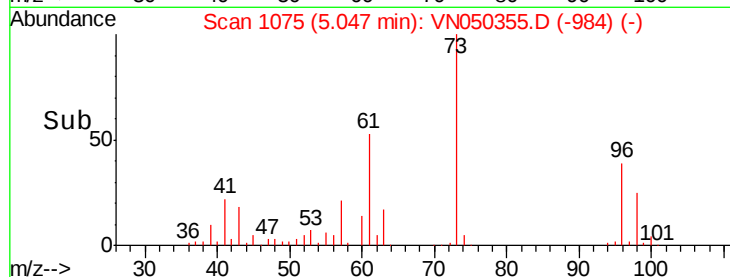
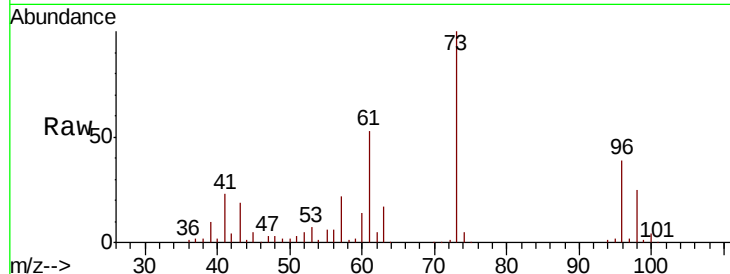
#19
Methyl tert-butyl Ether
Concen: 49.80 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 1051735
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0

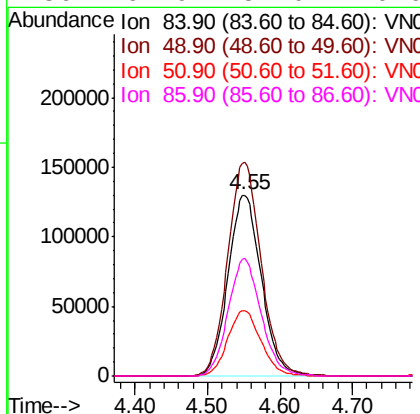
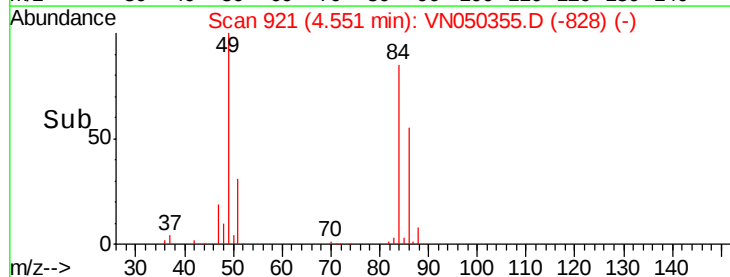
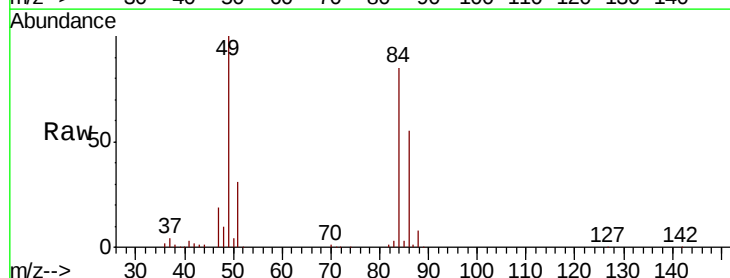
Manual Integrations
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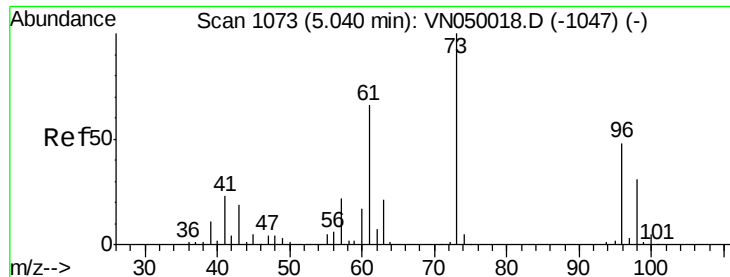
apatel
8/6/2018 6:04:38 PM



#20
Methylene Chloride
Concen: 48.76 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion: 84 Resp: 414989
Ion Ratio Lower Upper
84 100
49 118.3 94.8 142.2
51 36.1 28.3 42.5
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 44.79 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 96 Resp: 376085

Ion Ratio Lower Upper

96 100

61 139.2 110.7 166.1

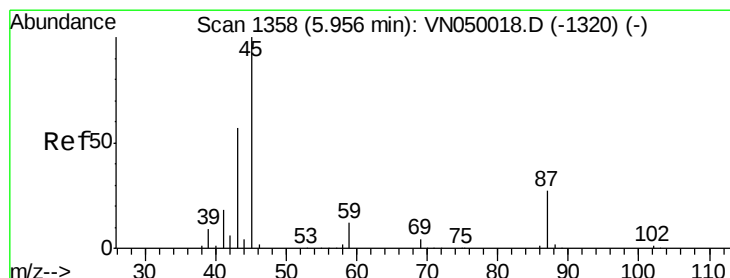
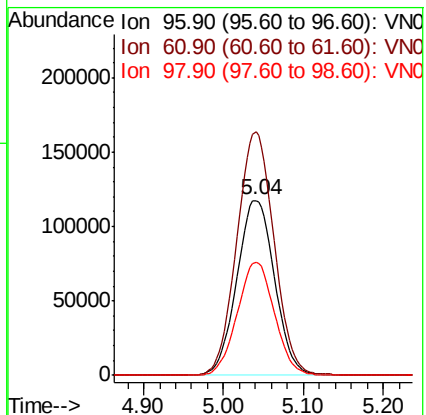
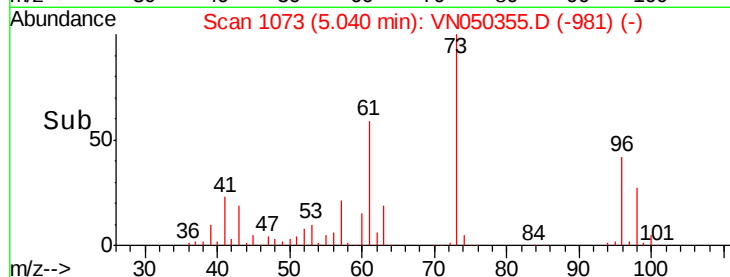
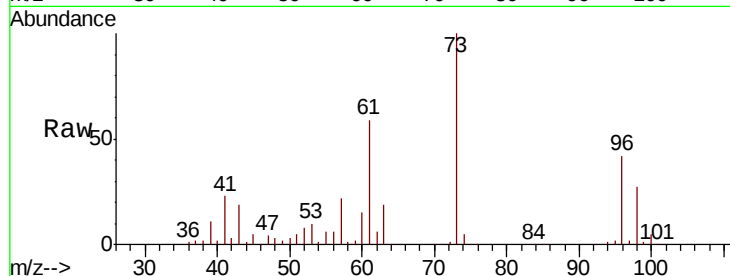
98 64.4 51.6 77.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 51.74 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Tgt Ion: 45 Resp: 1260483

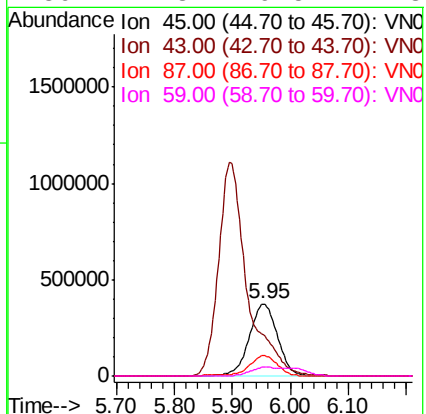
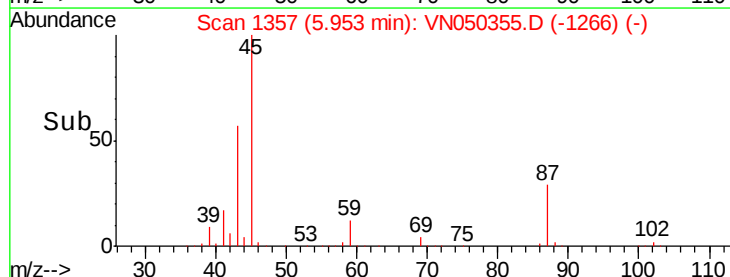
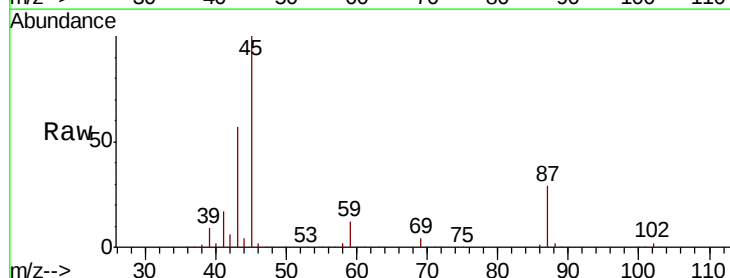
Ion Ratio Lower Upper

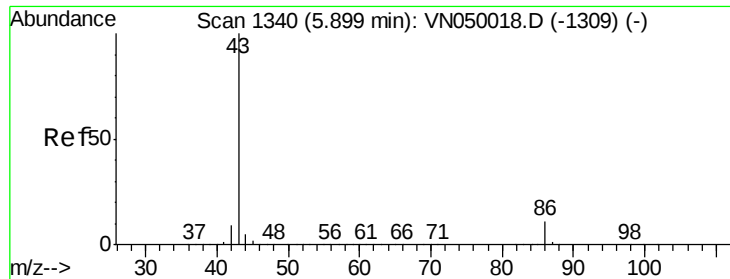
45 100

43 56.9 45.7 68.5

87 28.5 22.7 34.1

59 12.3 9.5 14.3





#23

Vinyl Acetate

Concen: 221.92 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3820882

Ion Ratio Lower Upper

43 100

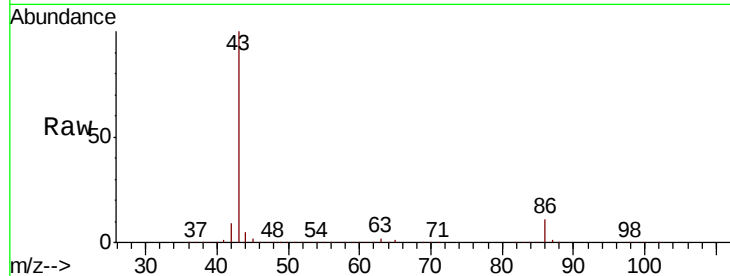
86 10.7 8.6 13.0

Manual Integrations

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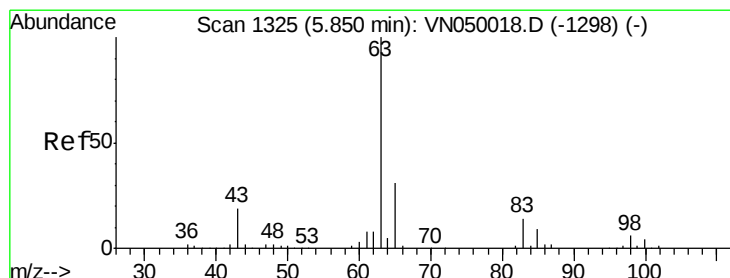
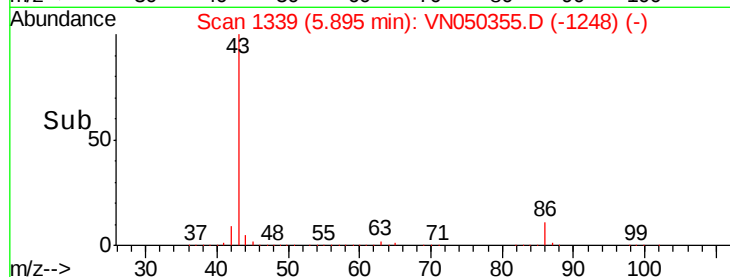
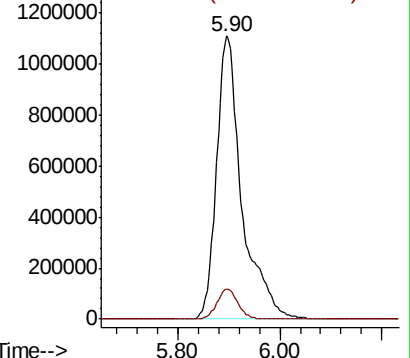
apatel

8/6/2018 6:04:38 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.37 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

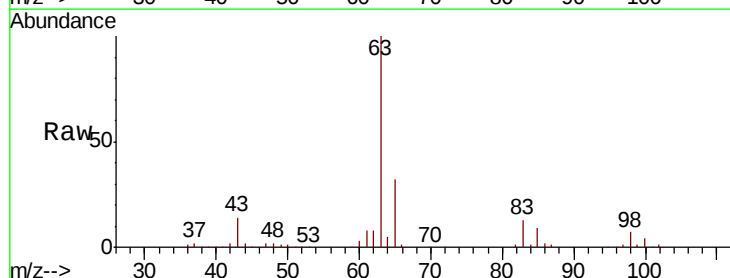
Tgt Ion: 63 Resp: 738770

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

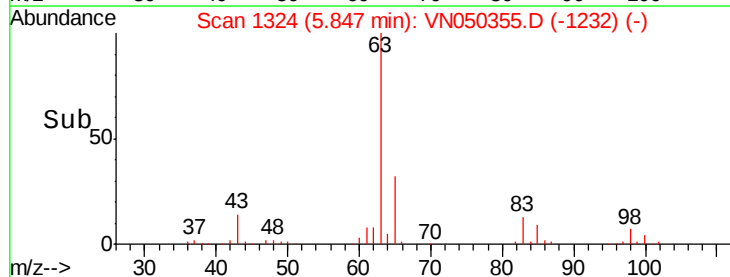
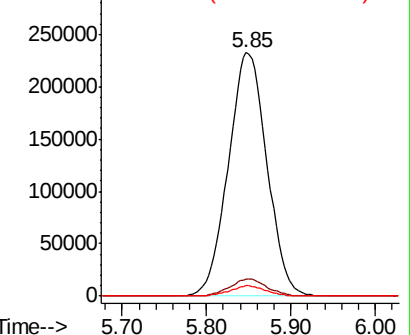
100 4.1 2.1 6.3

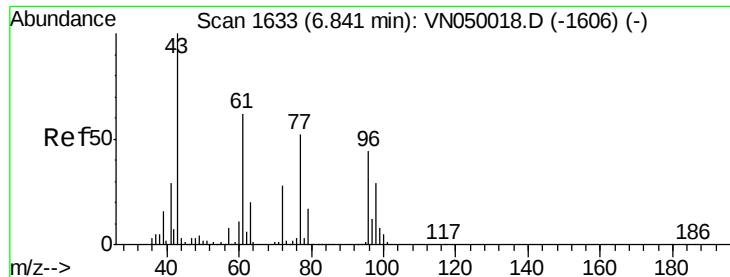


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





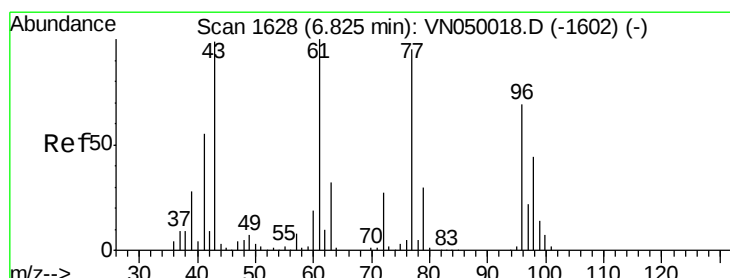
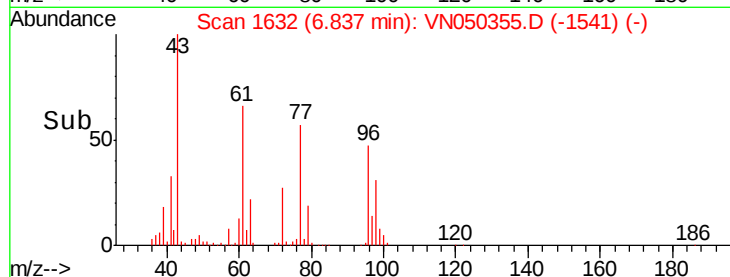
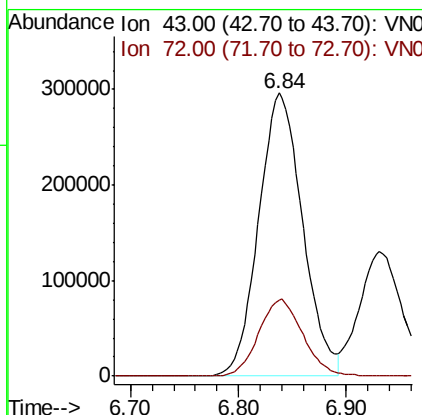
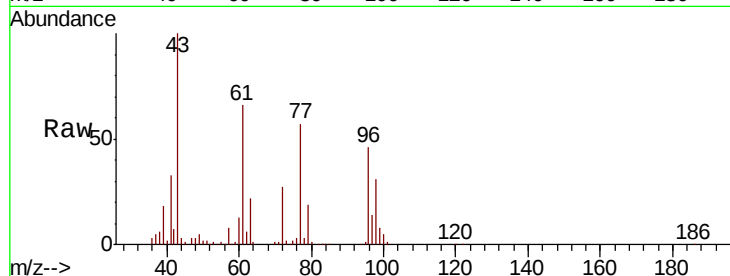
#25
2-Butanone
Concen: 228.15 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.01 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 834776
Ion Ratio Lower Upper
43 100
72 27.1 21.5 32.3

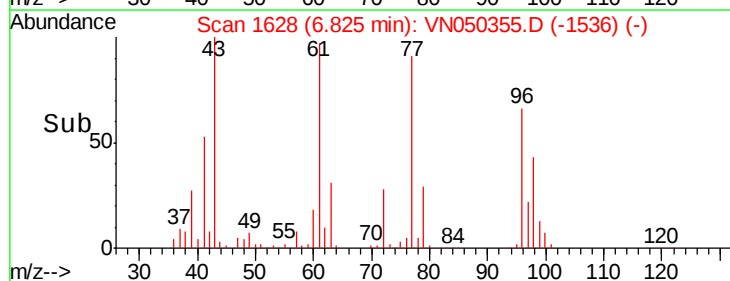
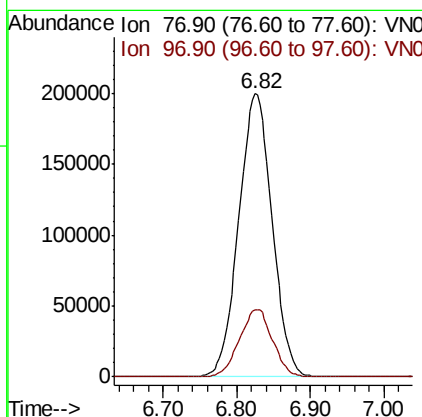
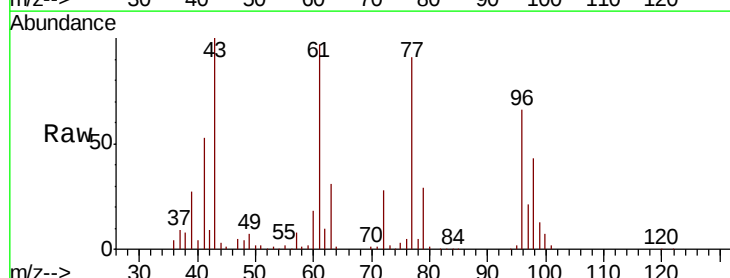
Manual Integrations
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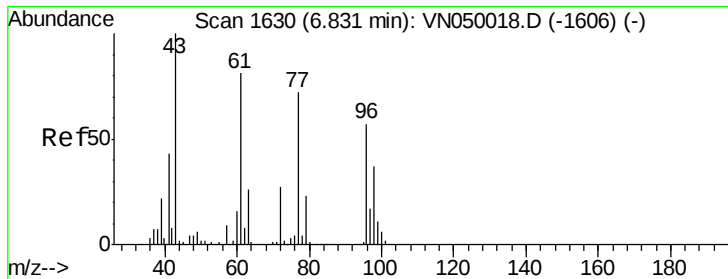
apatel
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#26
2,2-Dichloropropane
Concen: 51.97 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion: 77 Resp: 629852
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.3





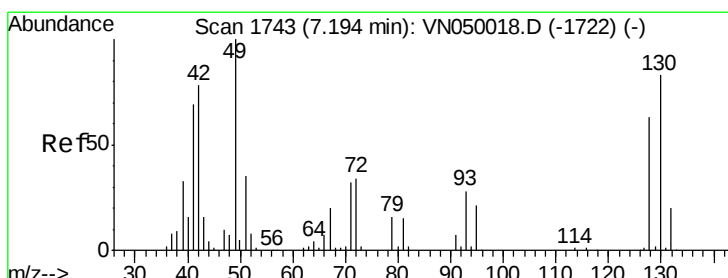
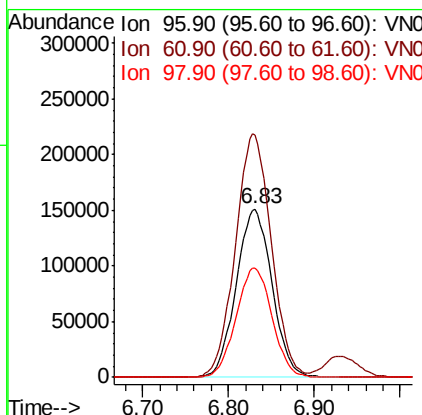
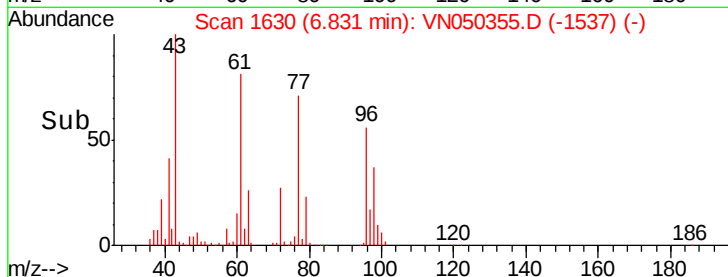
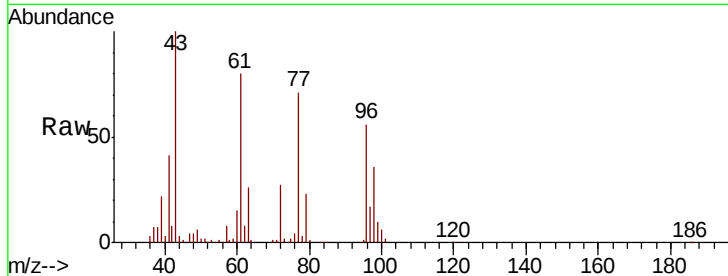
#27
 cis-1,2-Dichloroethene
 Concen: 48.49 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	438295		
61	144.9	0.0	285.0	
98	65.4	0.0	129.2	

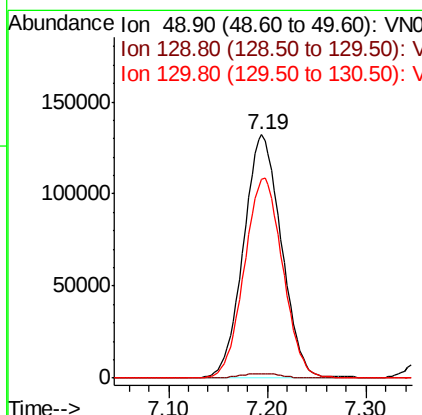
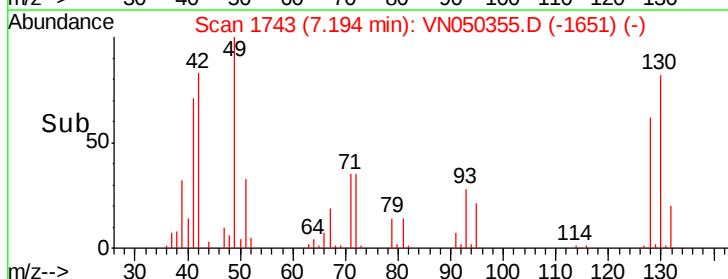
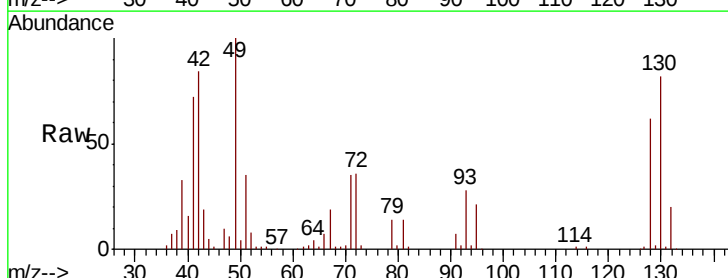
Manual Integrations
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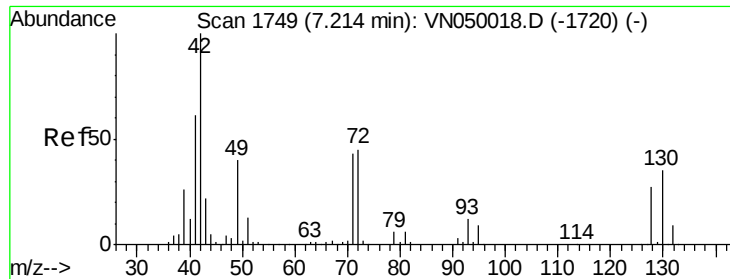
apatel
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#28
 Bromochloromethane
 Concen: 48.34 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	351260		
129	2.1	0.0	4.0	
130	83.3	66.3	99.5	





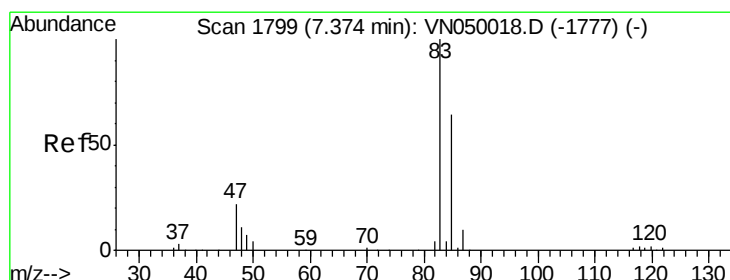
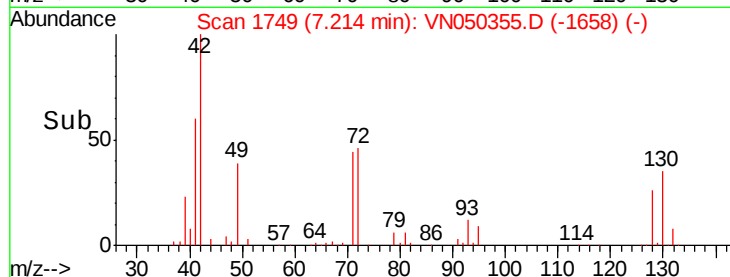
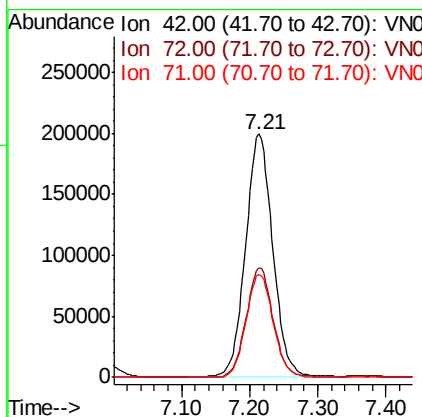
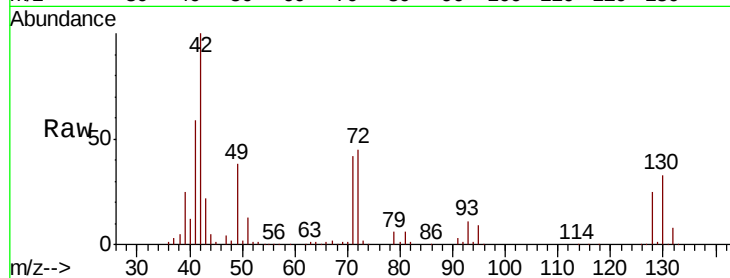
#29
Tetrahydrofuran
Concen: 233.51 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.9	53.9
71	42.2	33.7	50.5

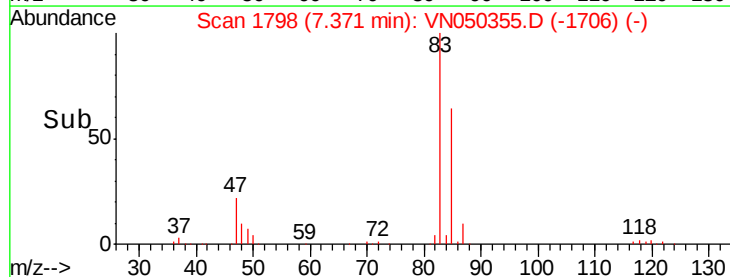
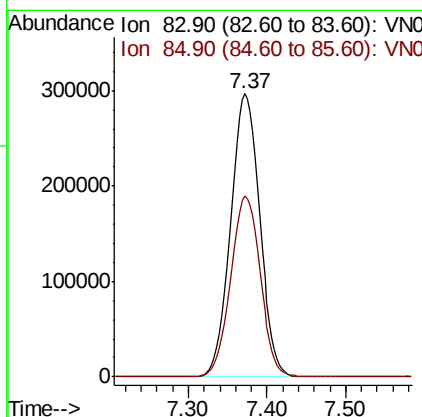
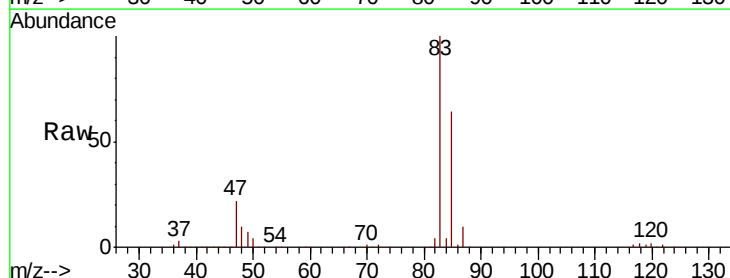
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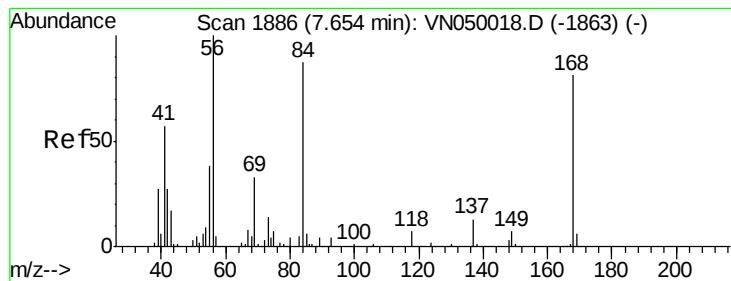
apatel
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#30
Chloroform
Concen: 47.00 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.5	78.7





#31

Cyclohexane

Concen: 45.97 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 607508

Ion Ratio Lower Upper

56 100

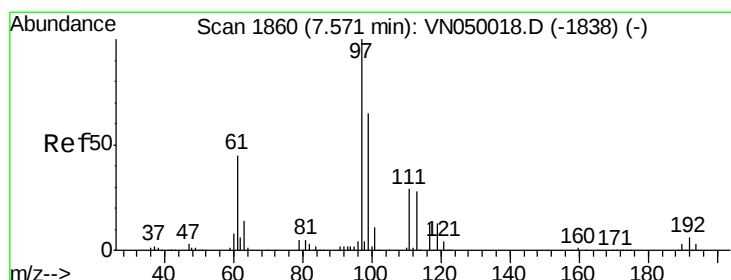
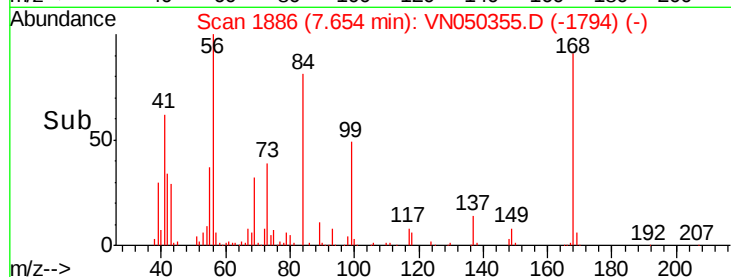
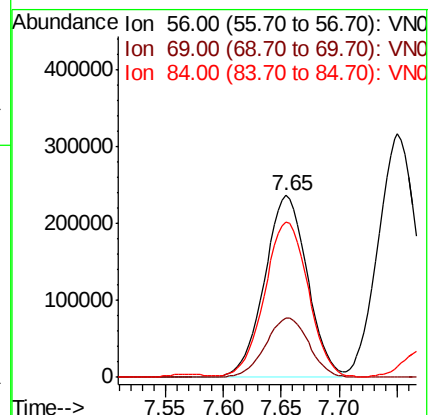
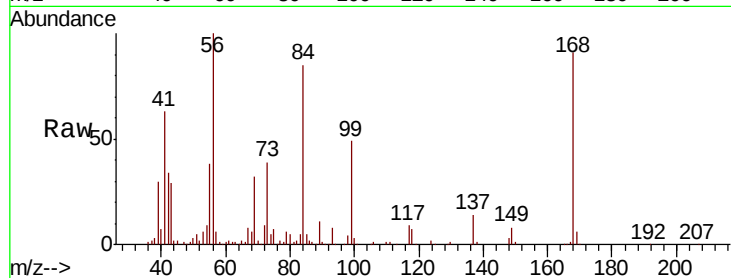
69 32.5 26.2 39.4

84 83.7 67.4 101.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.50 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

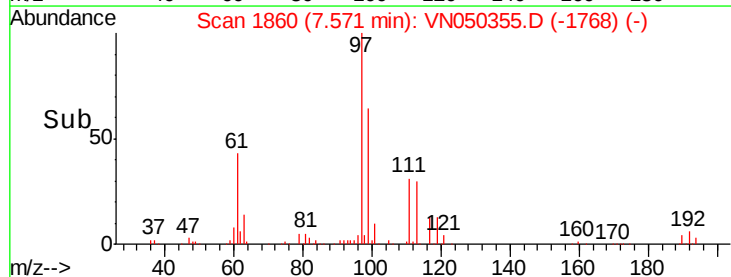
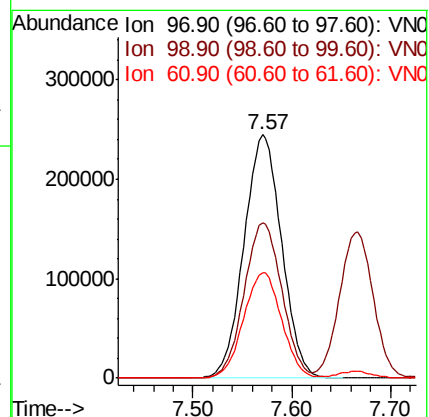
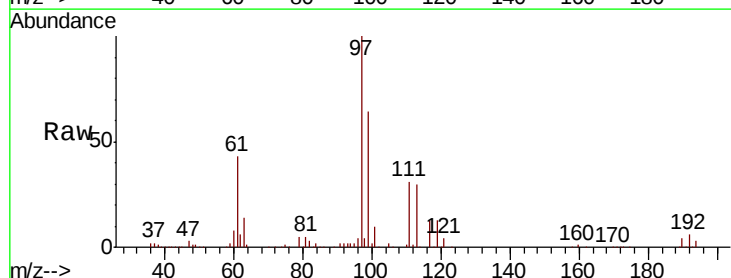
Tgt Ion: 97 Resp: 646684

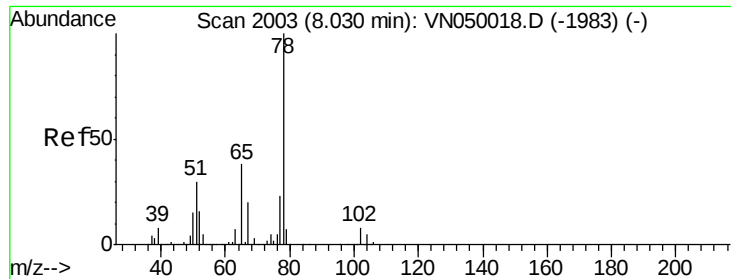
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 43.9 35.4 53.0





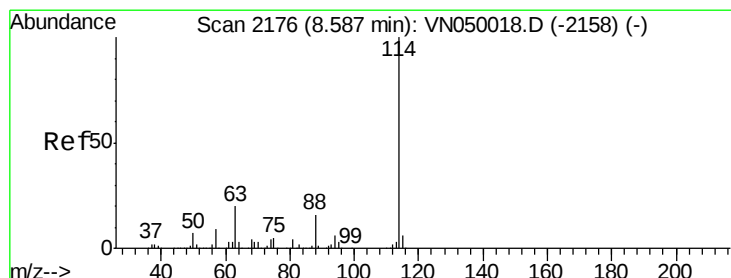
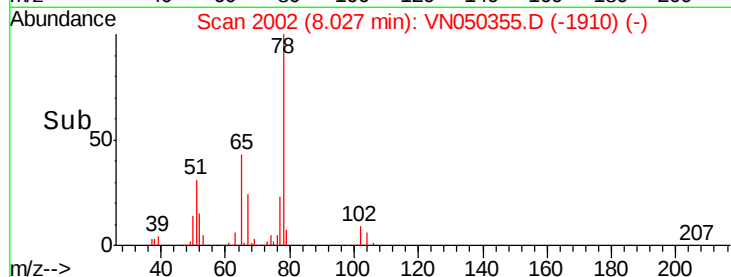
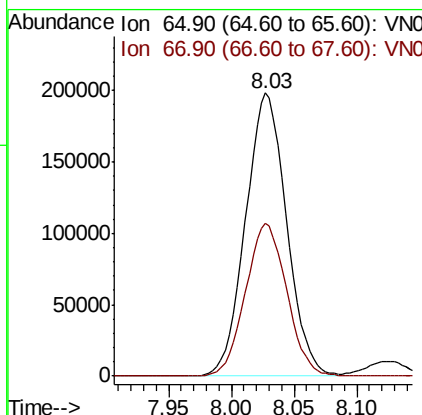
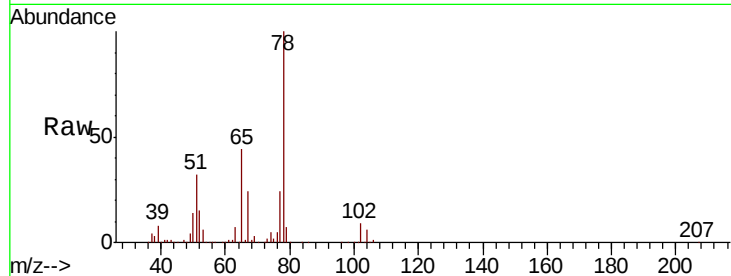
#33
 1,2-Dichloroethane-d4
 Concen: 47.02 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.2	0.0	108.4	

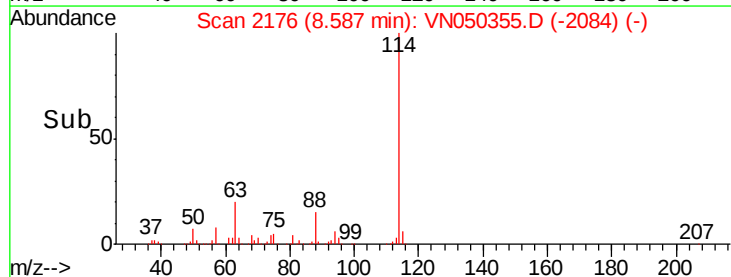
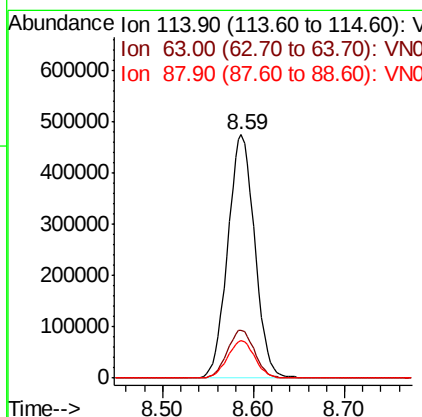
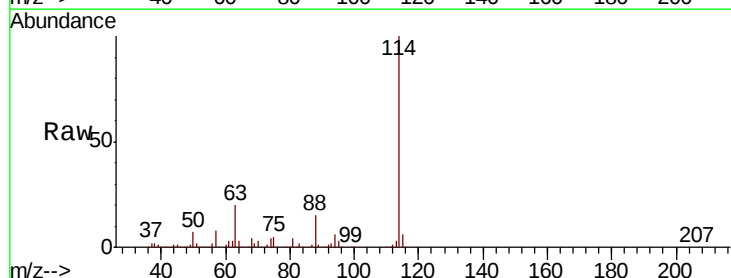
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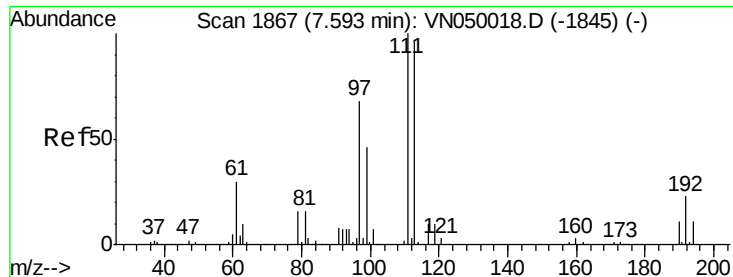
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.8	0.0	40.0	
88	15.2	0.0	31.2	





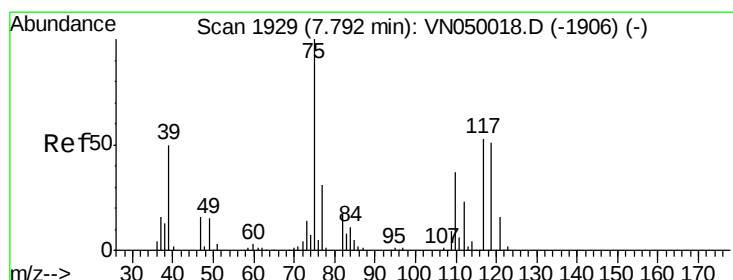
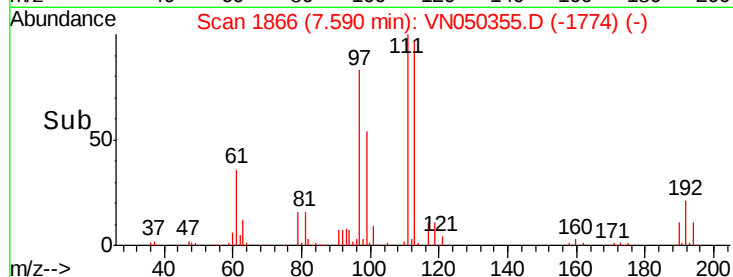
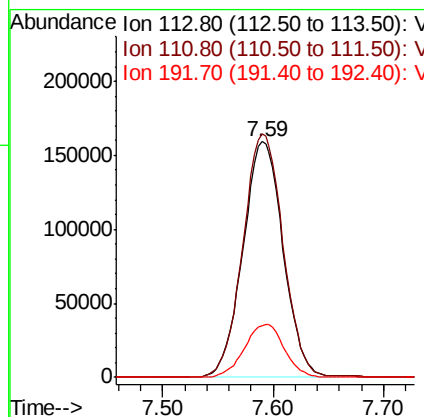
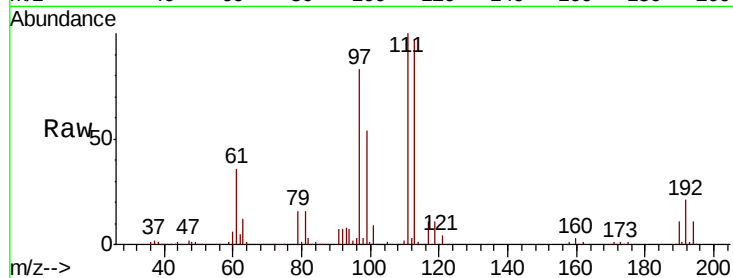
#35
 Dibromofluoromethane
 Concen: 50.47 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.7	121.1
192	22.4	17.8	26.6

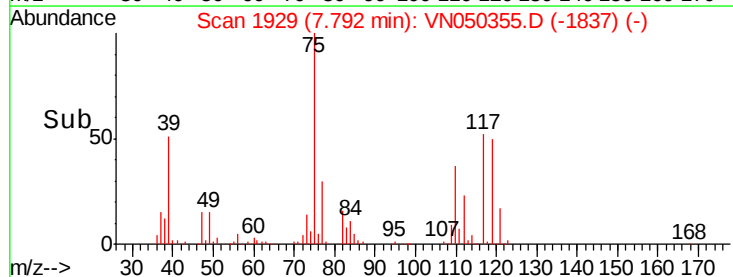
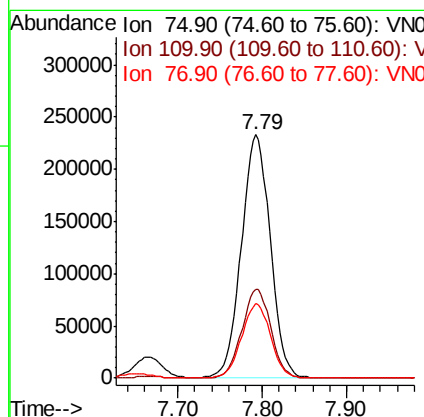
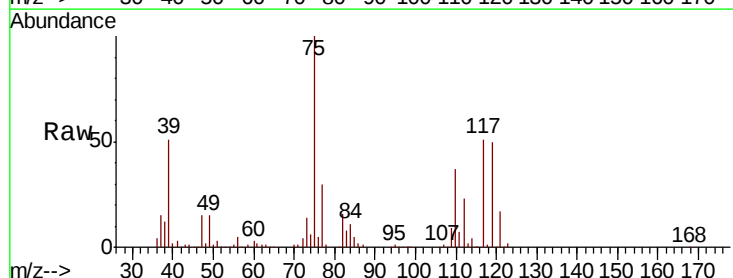
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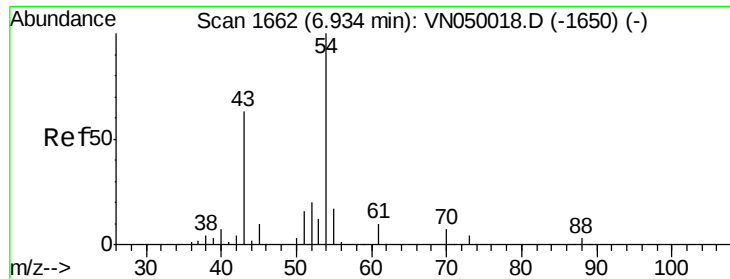
apatel
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#36
 1,1-Dichloropropene
 Concen: 50.60 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.4	55.2
77	31.0	25.3	37.9





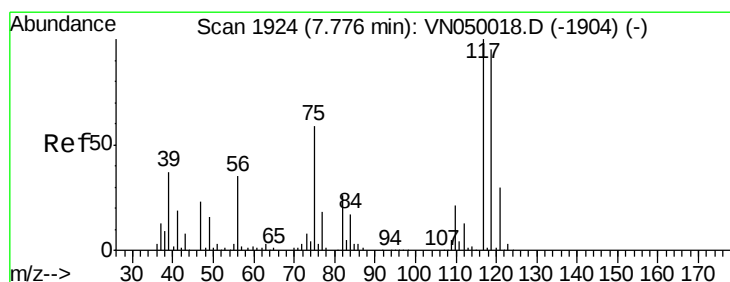
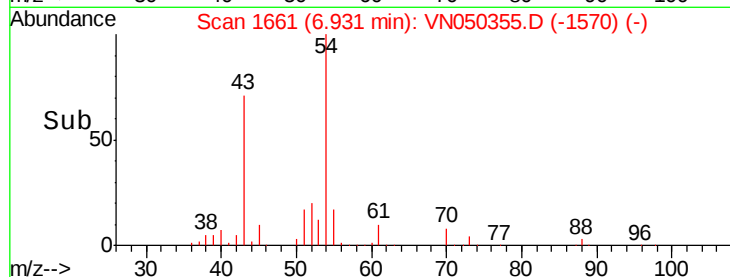
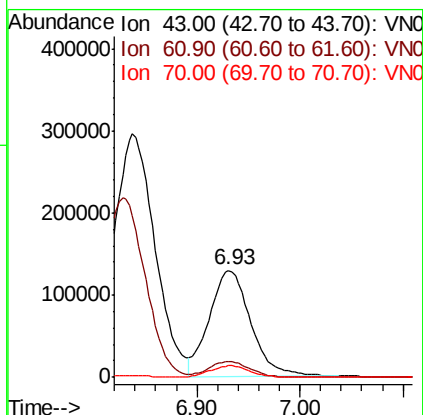
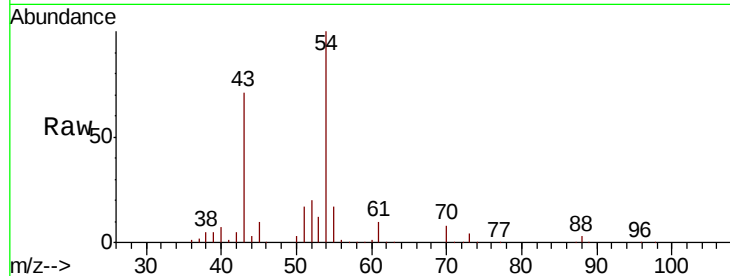
#37
Ethyl Acetate
Concen: 46.94 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.8	17.8
70	10.4	8.4	12.6

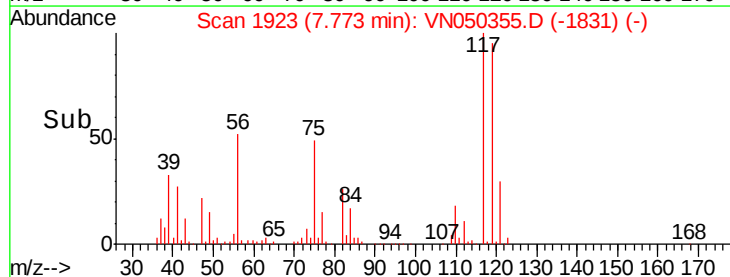
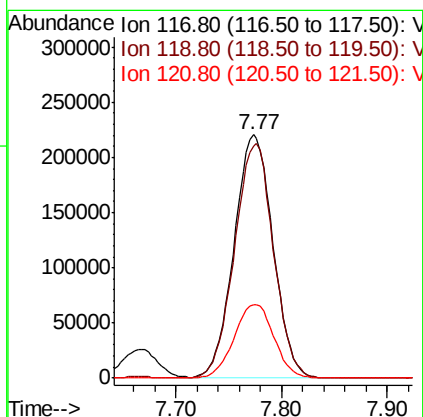
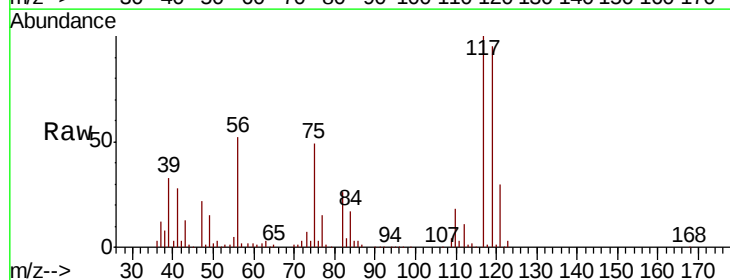
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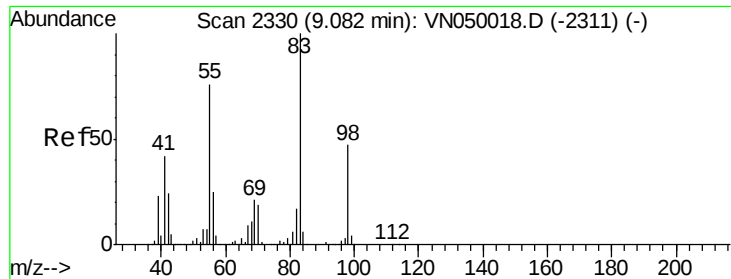
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#38
Carbon Tetrachloride
Concen: 48.55 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
121	30.3	23.9	35.9





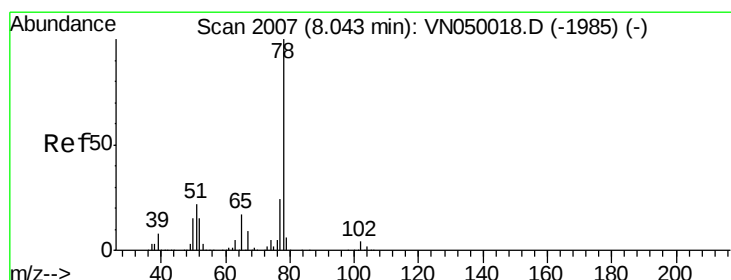
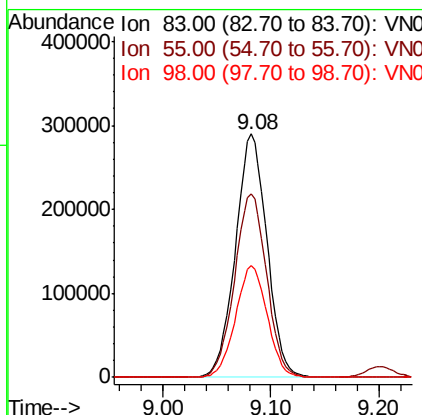
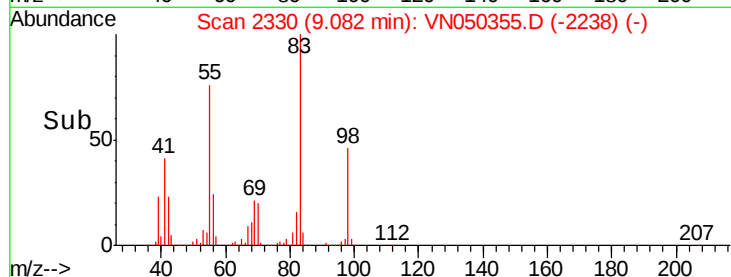
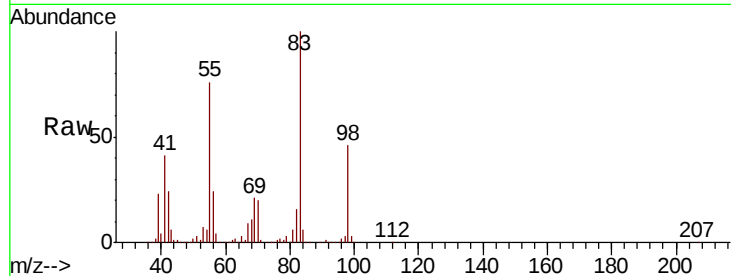
#39
Methvlcvclohexane
Concen: 52.15 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	589407		
55	75.5	61.8	92.8	
98	45.7	36.5	54.7	

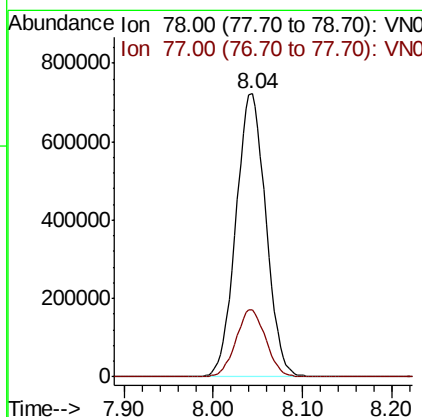
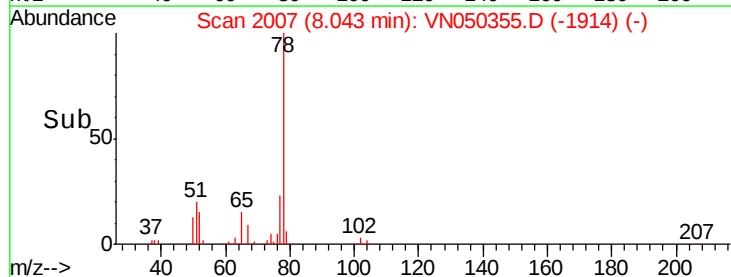
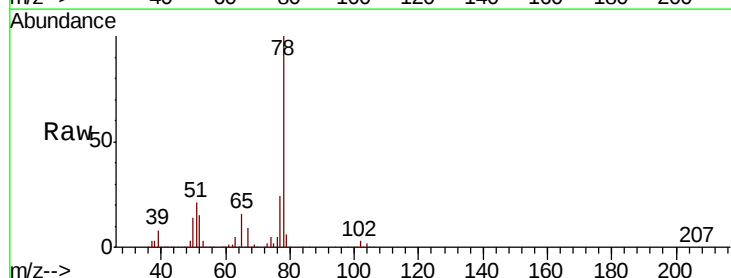
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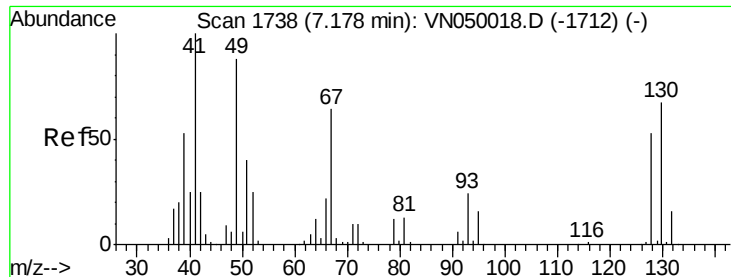
apatel
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#40
Benzene
Concen: 50.47 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1687444		
77	23.7	18.7	28.1	





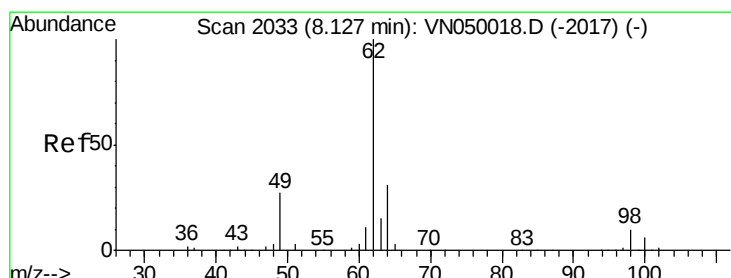
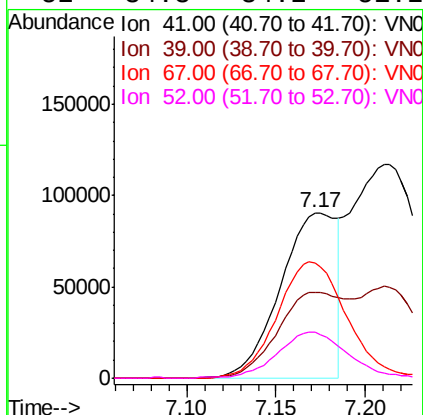
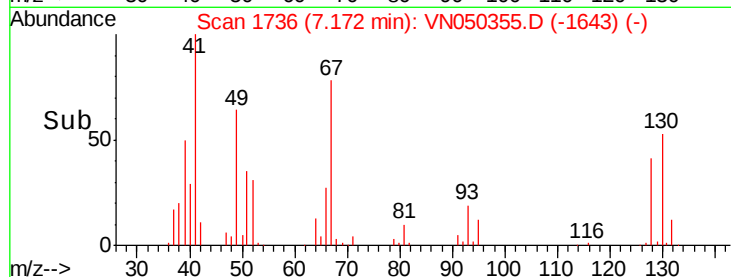
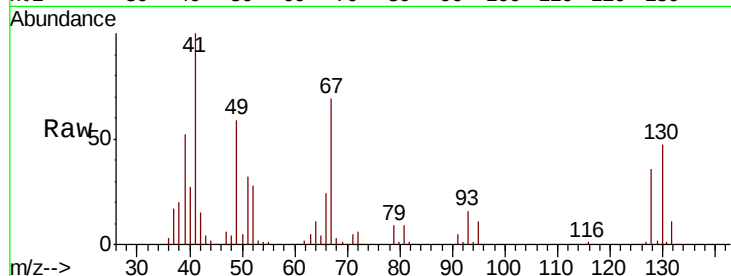
#41
Methacrylonitrile
Concen: 49.82 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:	41	Resp:	198742
Ion Ratio	Lower	Upper	
41	100		
39	66.5	55.8	83.6
67	86.8	84.3	126.5
52	34.3	34.2	51.2

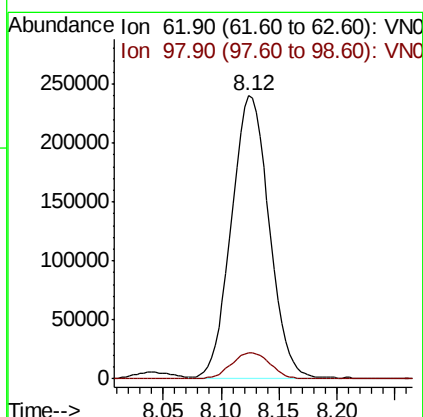
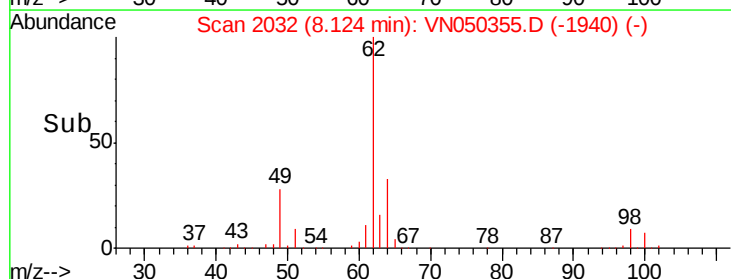
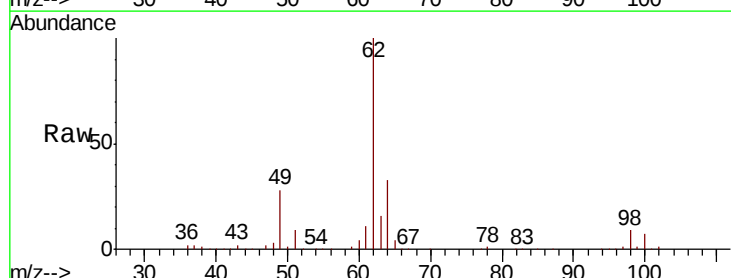
Manual Integrations
APPROVED

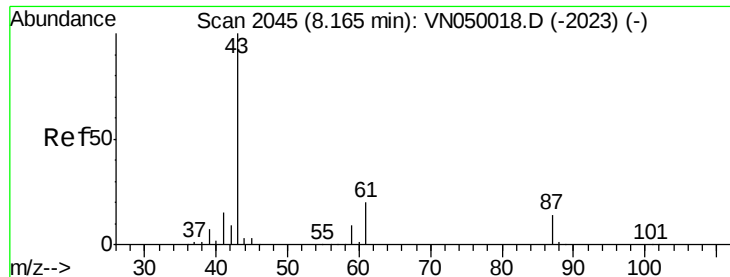
apatel
8/6/2018 6:04:38 PM



#42
1,2-Dichloroethane
Concen: 48.50 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion:	62	Resp:	540996
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	18.8





#43

Isopropyl Acetate

Concen: 49.10 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

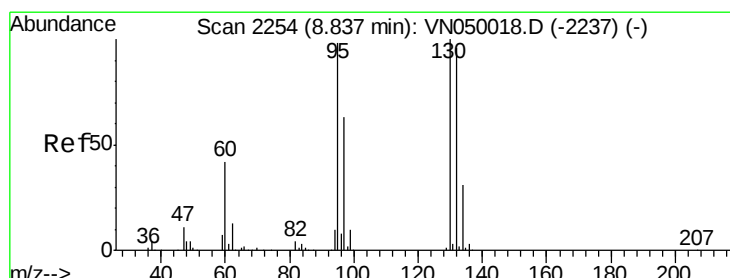
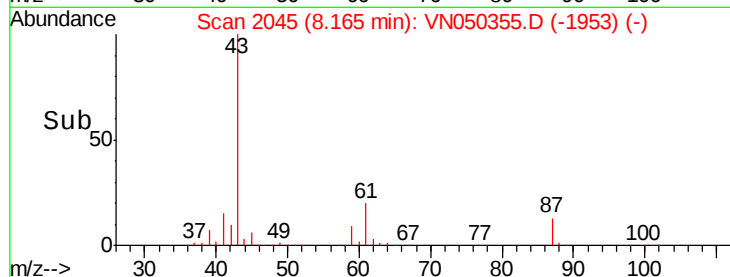
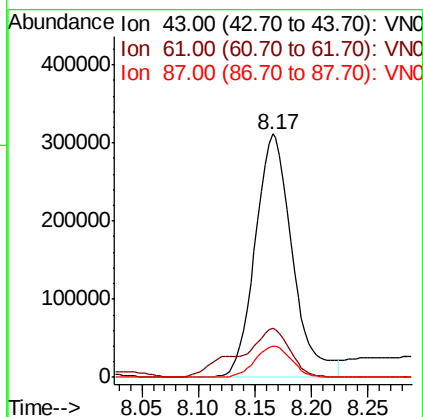
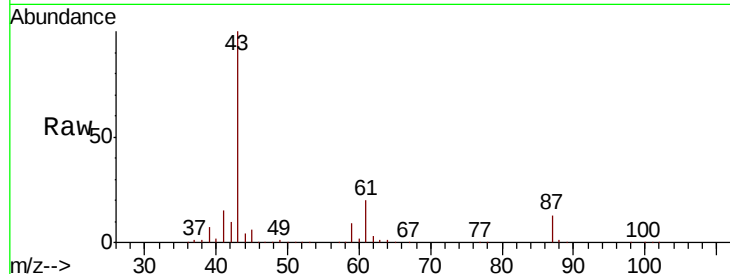
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	709105
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.8	23.6
87	12.6	10.3	15.5

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#44

Trichloroethene

Concen: 48.62 ug/l

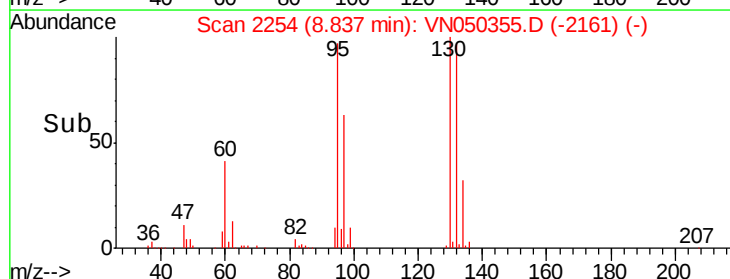
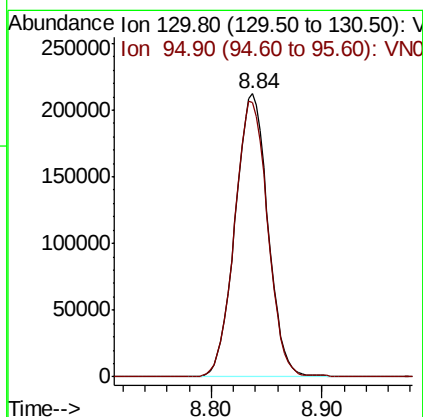
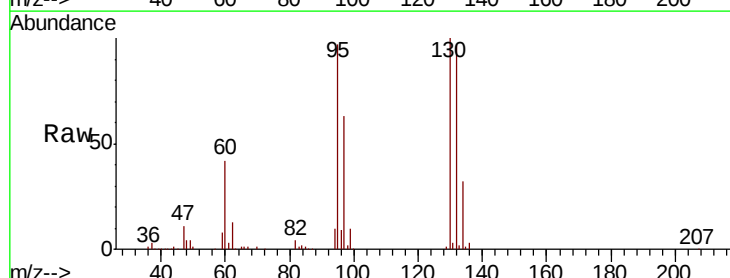
RT: 8.84 min Scan# 2254

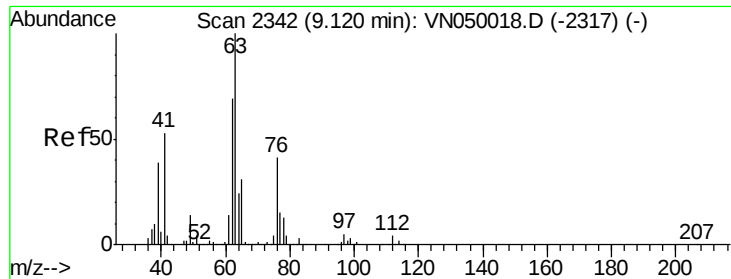
Delta R.T. 0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Tgt Ion:	130	Resp:	436814
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	194.6





#45

1,2-Dichloropropane

Concen: 51.81 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 458824

Ion Ratio Lower Upper

63 100

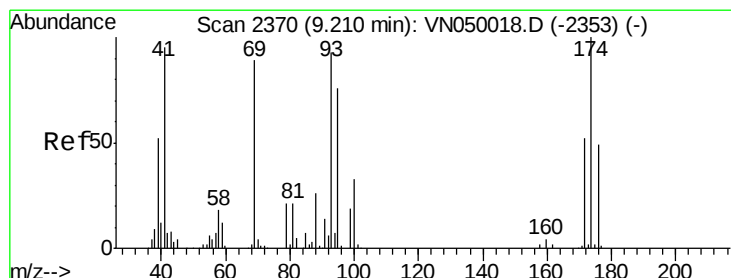
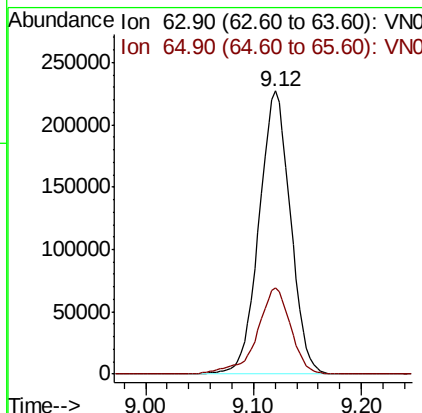
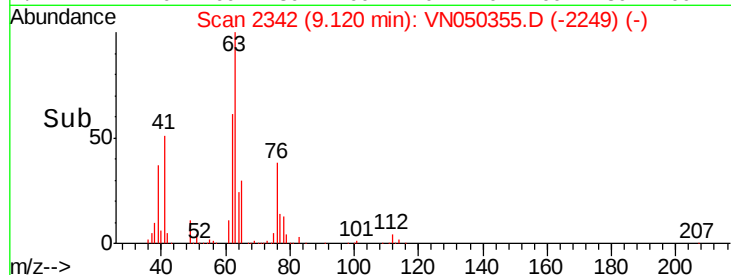
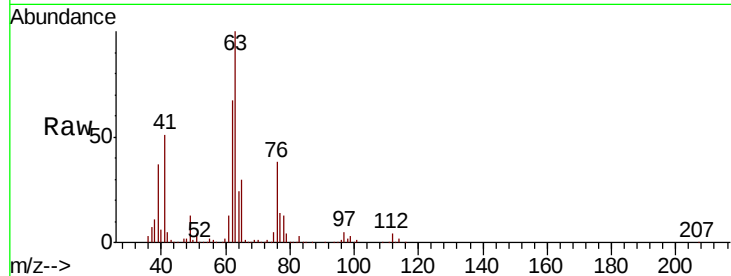
65 30.4 25.5 38.3

Manual Integrations

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#46

Dibromomethane

Concen: 49.89 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

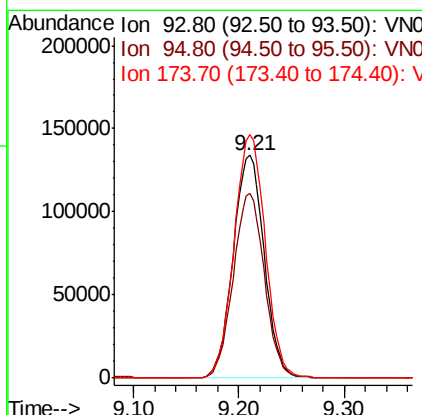
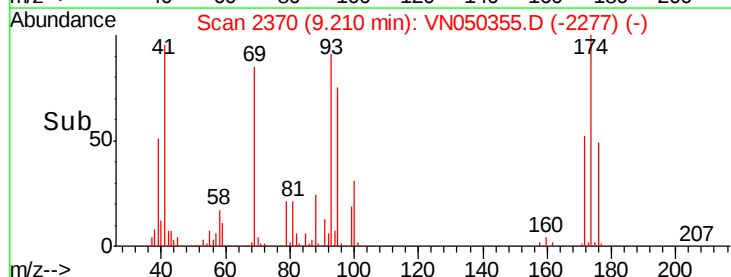
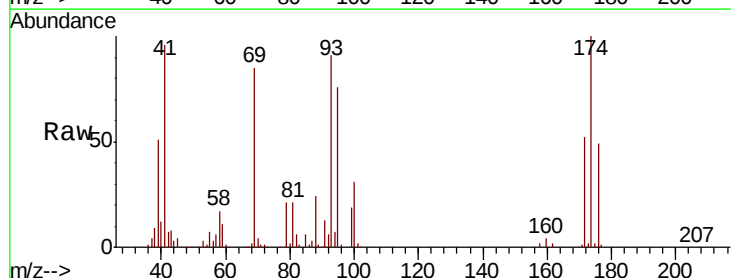
Tgt Ion: 93 Resp: 274339

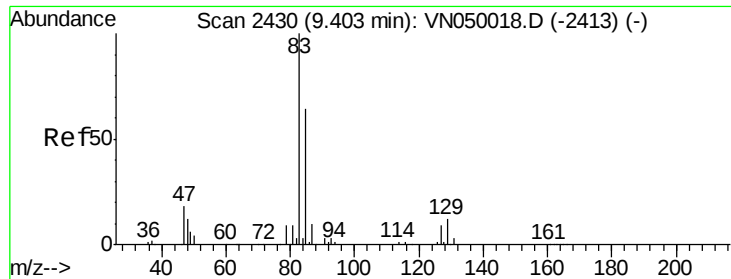
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 109.9 87.1 130.7





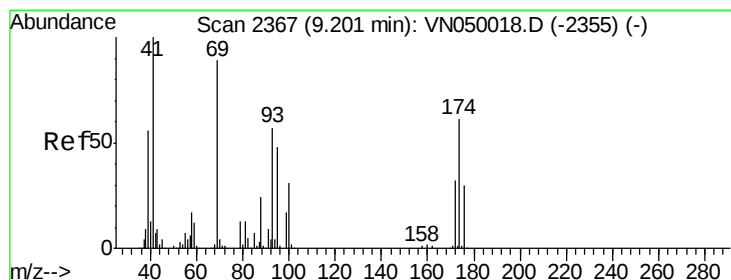
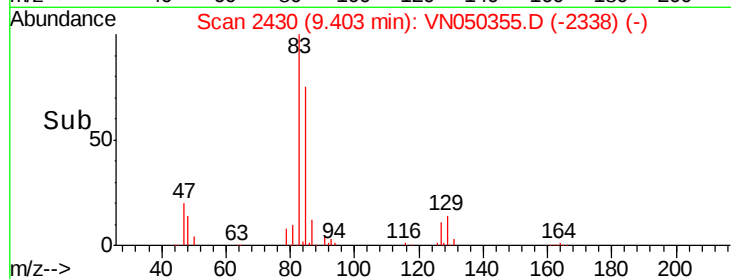
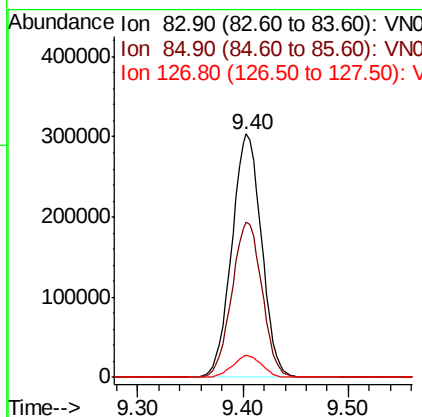
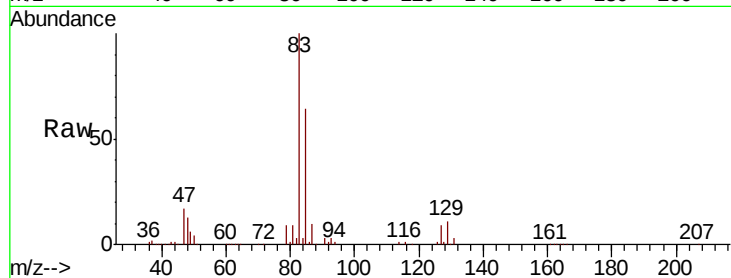
#47
Bromodichloromethane
Concen: 51.01 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.6	51.1	76.7	
127	8.9	7.0	10.4	

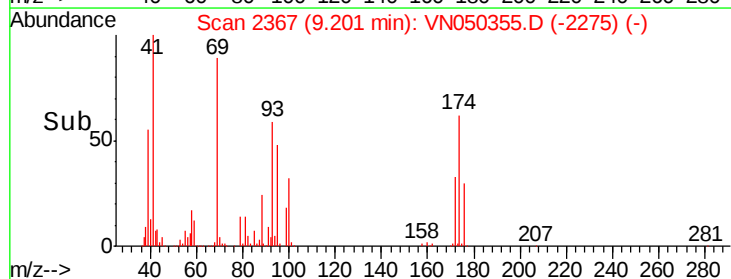
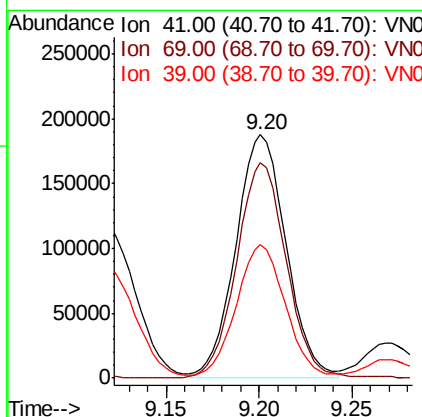
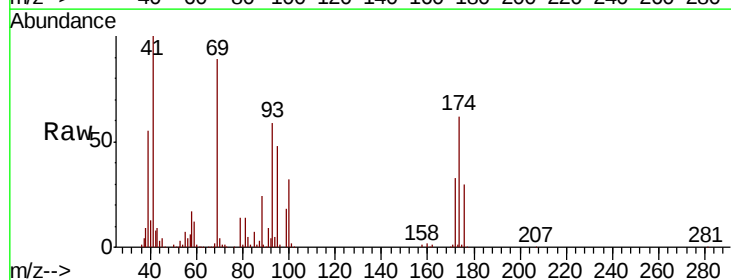
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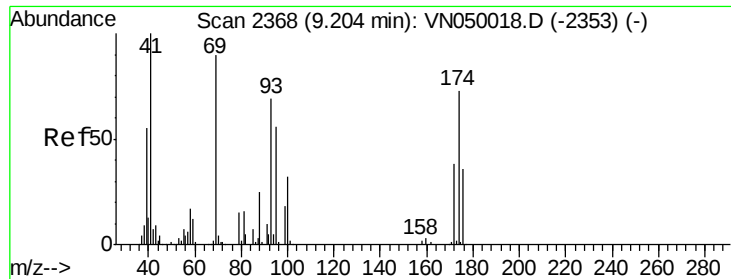
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#48
Methyl methacrylate
Concen: 53.37 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	88.4	70.6	105.8	
39	53.7	43.9	65.9	





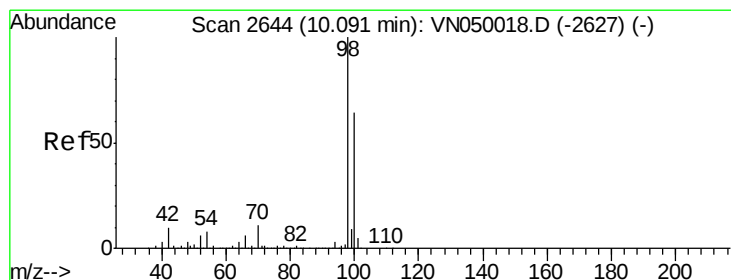
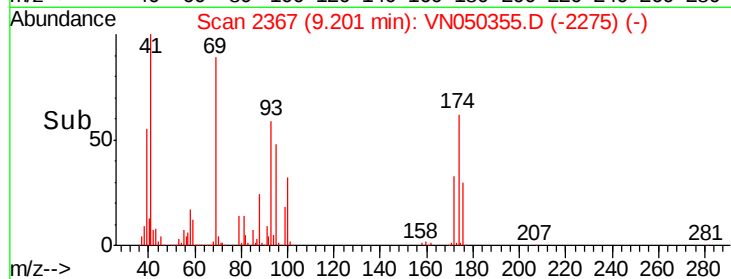
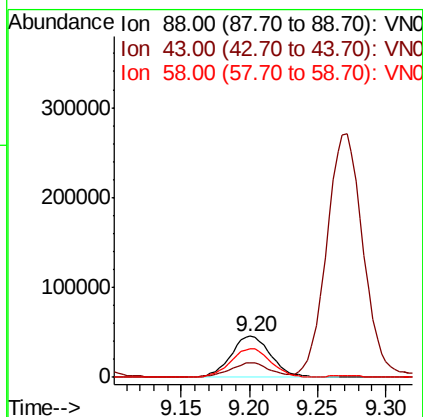
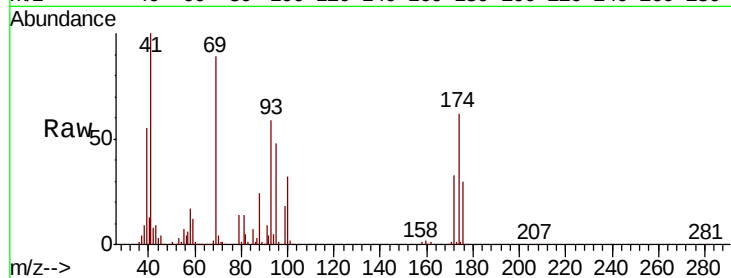
#49
1,4-Dioxane
Concen: 1049.52 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	94228
Ion Ratio	Lower	Upper	
88	100		
43	31.6	26.9	40.3
58	70.4	57.3	85.9

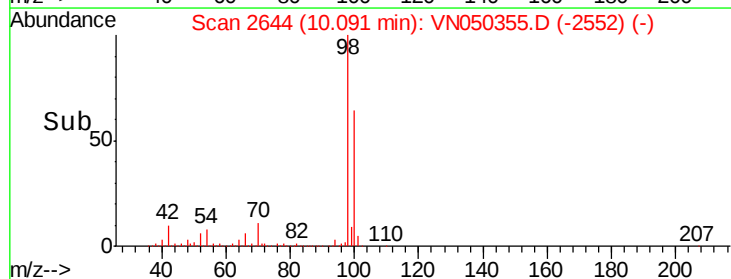
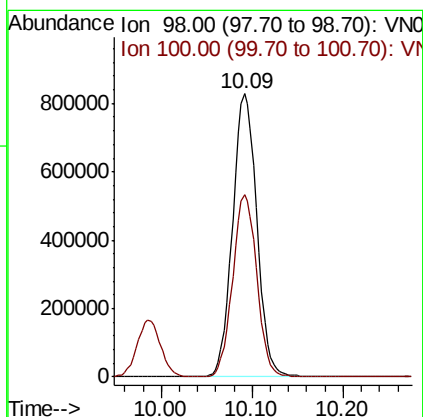
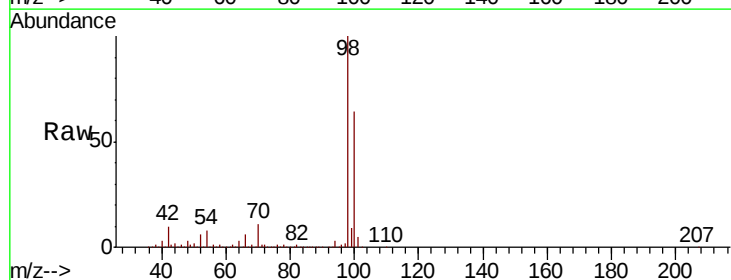
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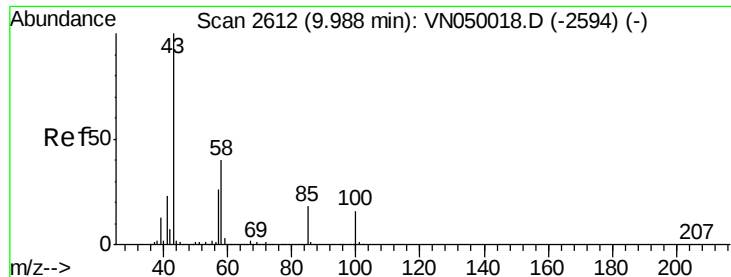
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#50
Toluene-d8
Concen: 52.36 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	98	Resp	1532805
Ion Ratio	Lower	Upper	
98	100		
100	64.3	50.7	76.1





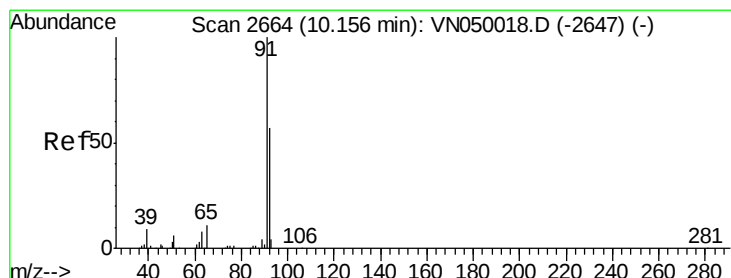
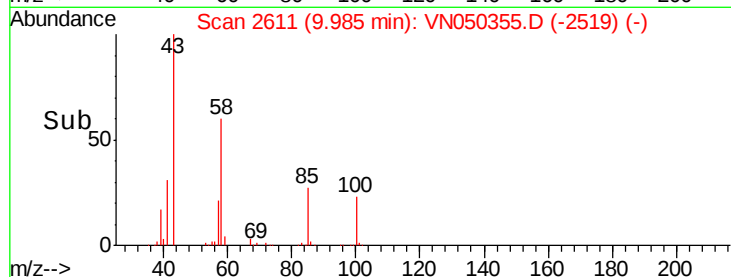
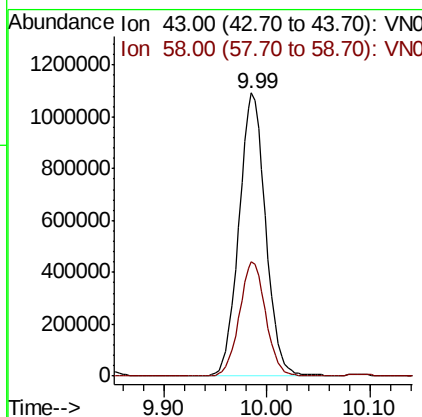
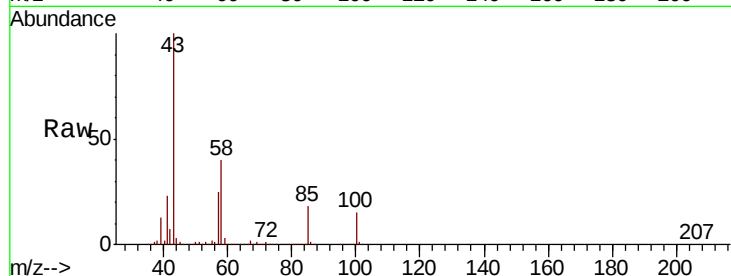
#51
4-Methyl-2-Pentanone
Concen: 260.42 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1961083
Ion Ratio Lower Upper
43 100
58 40.0 31.9 47.9

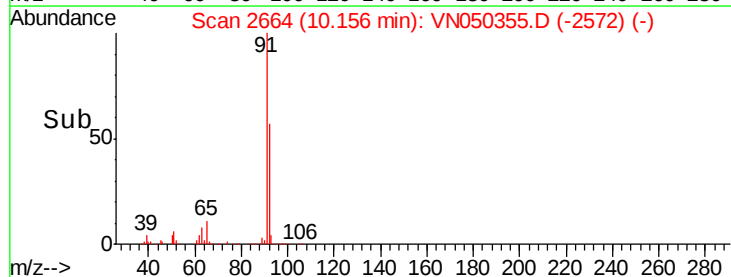
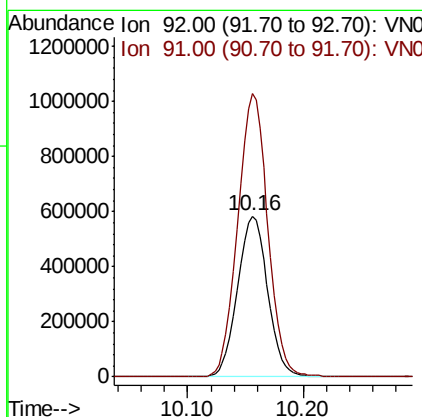
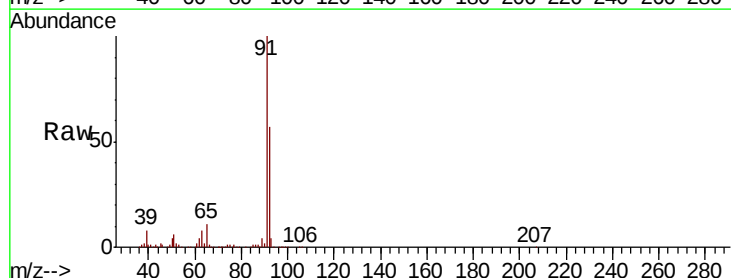
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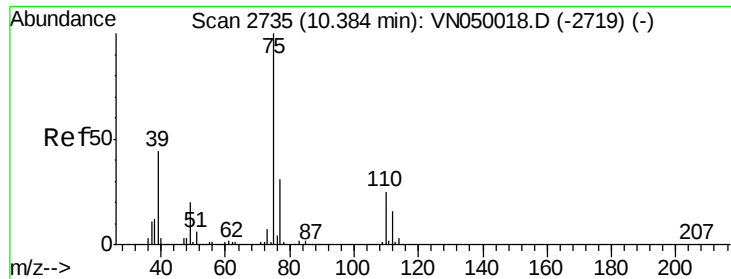
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#52
Toluene
Concen: 53.14 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion: 92 Resp: 1048829
Ion Ratio Lower Upper
92 100
91 176.2 140.3 210.5





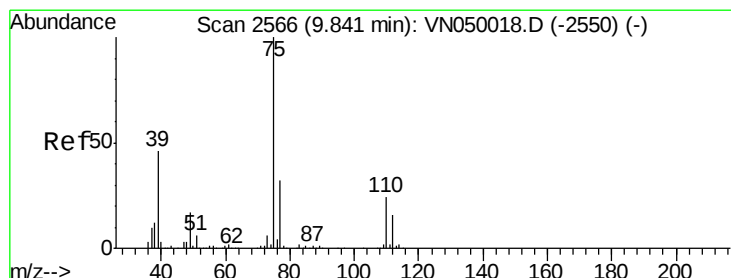
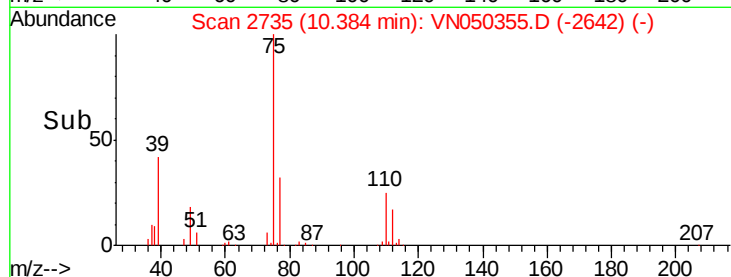
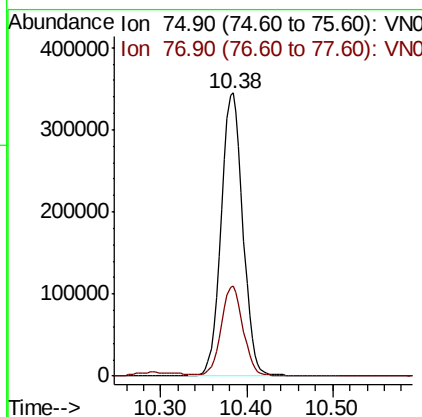
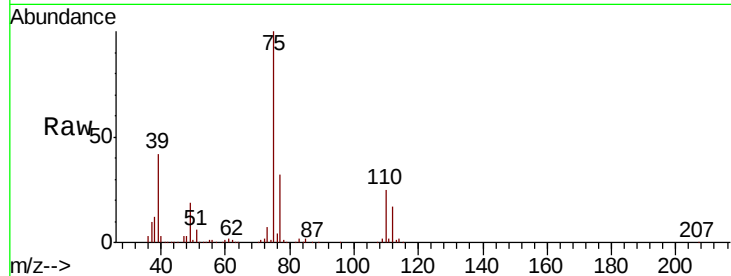
#53
t-1,3-Dichloropropene
Concen: 55.31 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.9	37.3

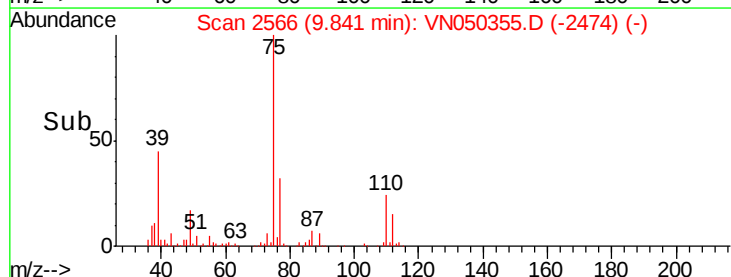
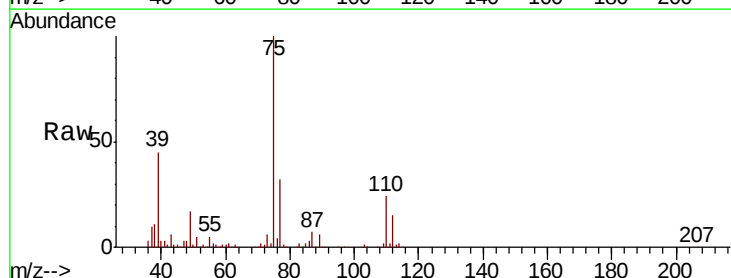
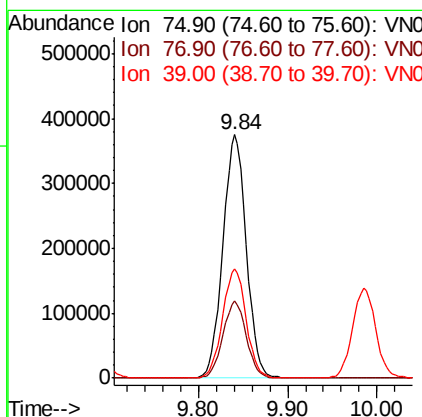
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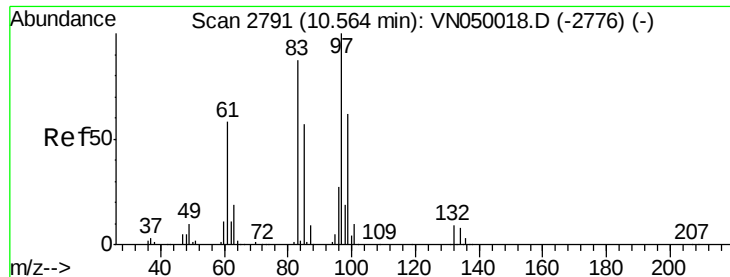
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#54
cis-1,3-Dichloropropene
Concen: 54.37 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3
39	44.9	36.6	55.0





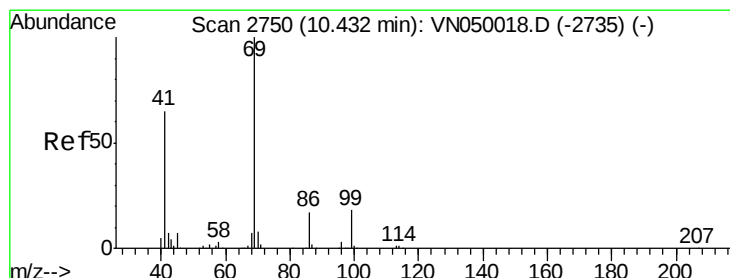
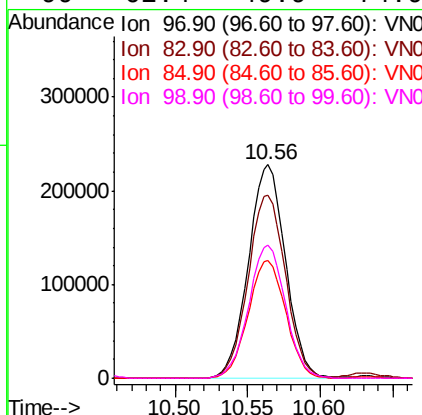
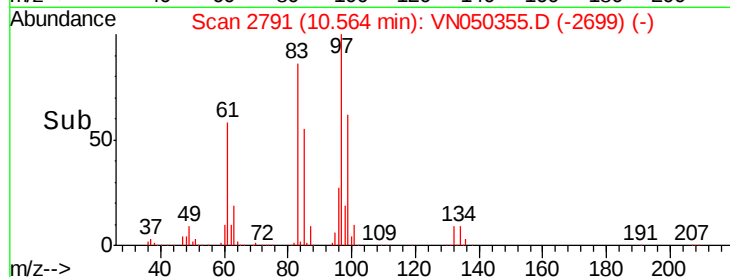
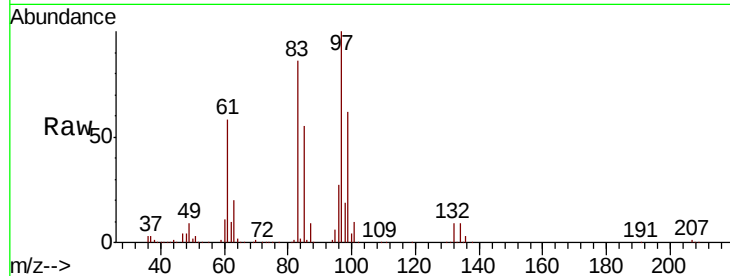
#55
 1,1,2-Trichloroethane
 Concen: 51.90 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.2	103.8
85	54.9	44.0	66.0
99	62.4	49.9	74.9

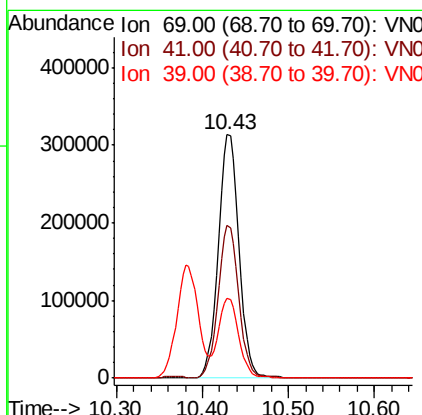
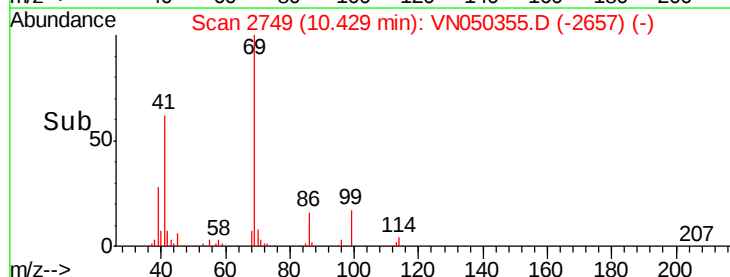
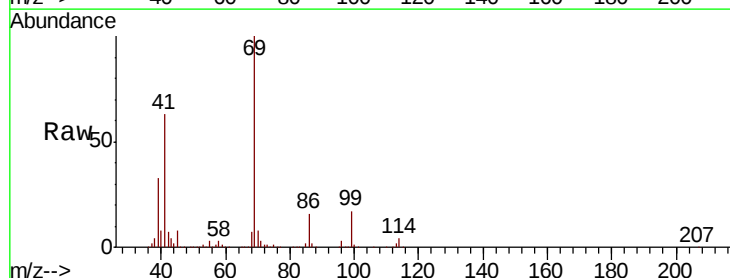
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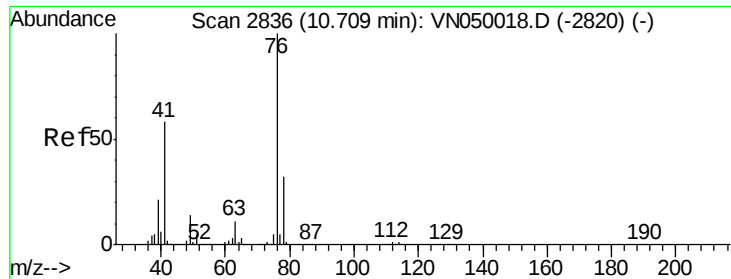
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#56
 Ethyl methacrylate
 Concen: 49.51 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.0	76.4
39	33.0	26.6	40.0





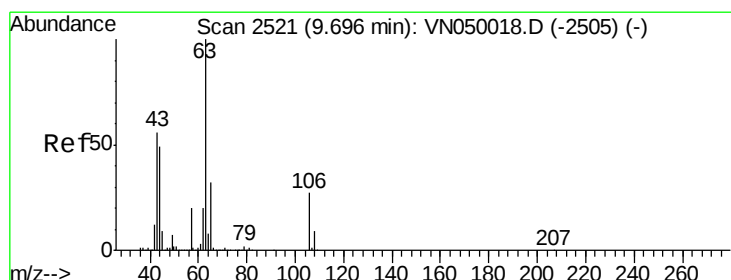
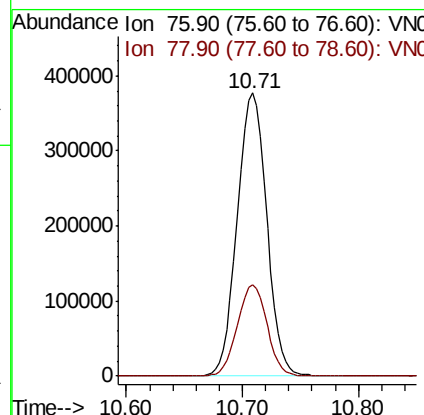
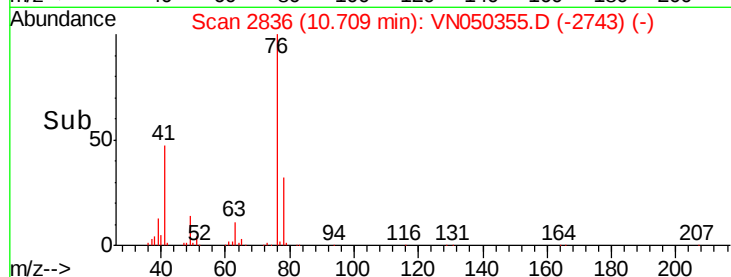
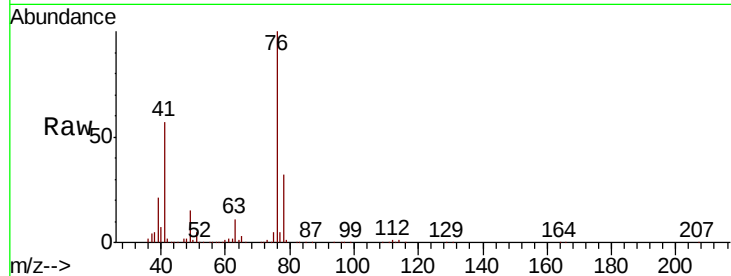
#57
 1,3-Dichloropropane
 Concen: 52.26 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 666217
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5

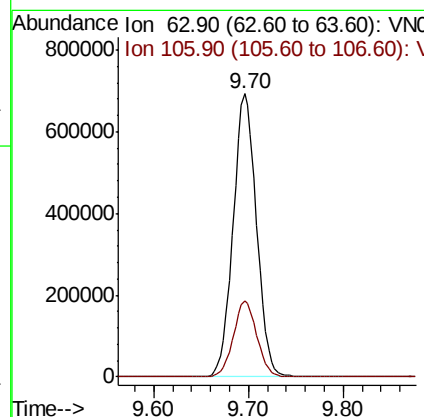
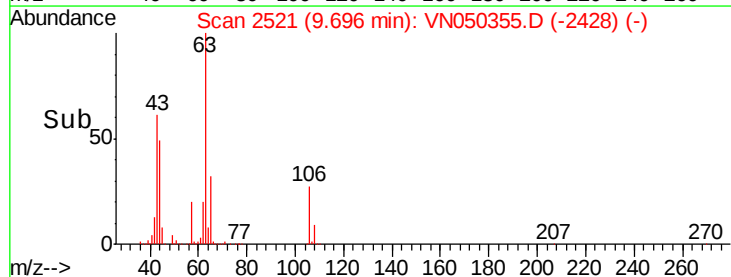
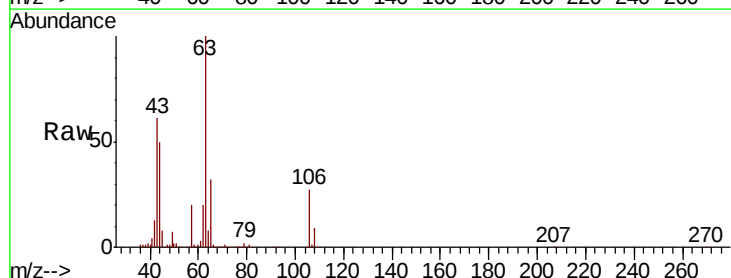
Manual Integrations
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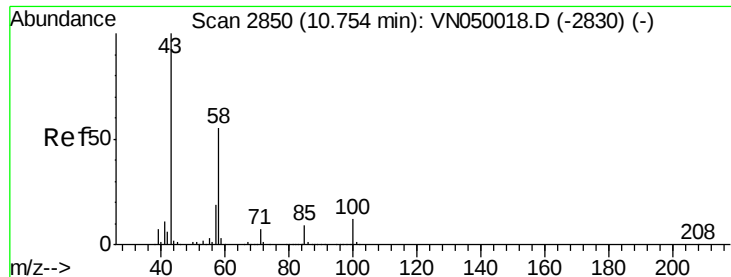
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.78 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion: 63 Resp: 1191259
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.7 32.5





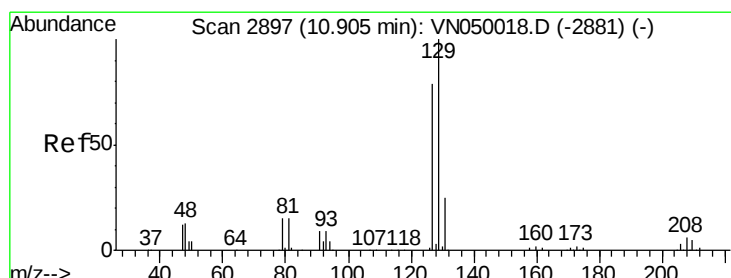
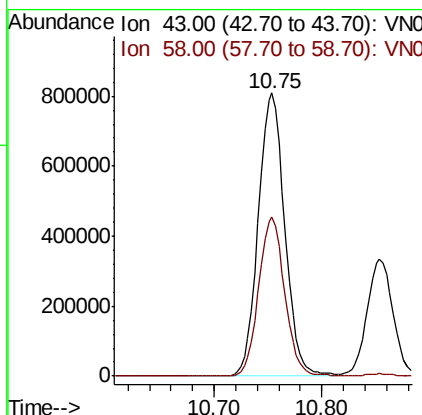
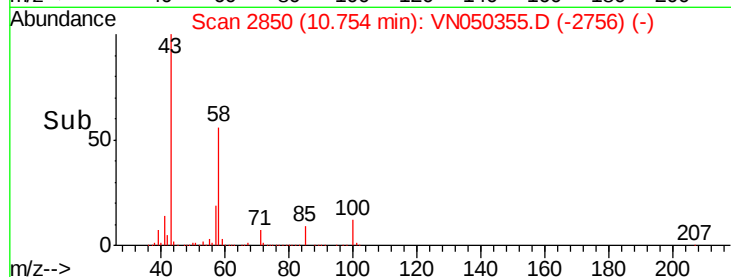
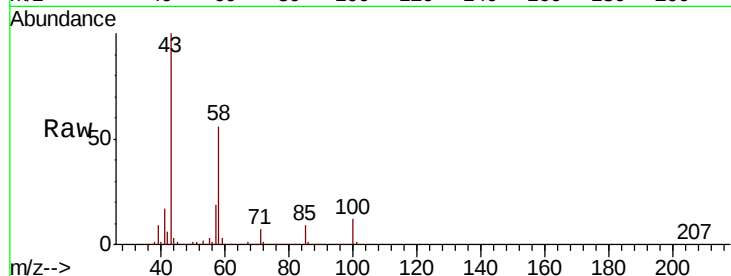
#59
2-Hexanone
Concen: 248.41 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 1374391
Ion Ratio Lower Upper
43 100
58 55.4 27.6 82.7

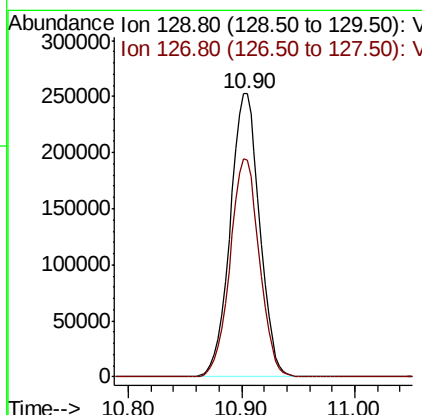
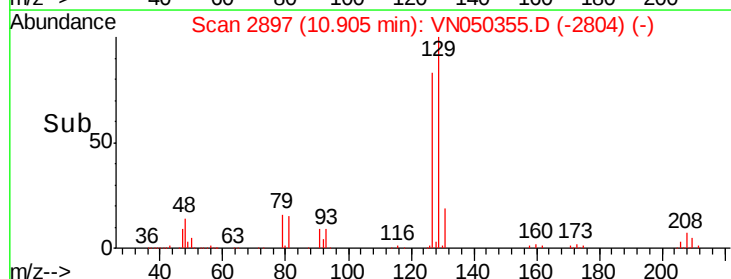
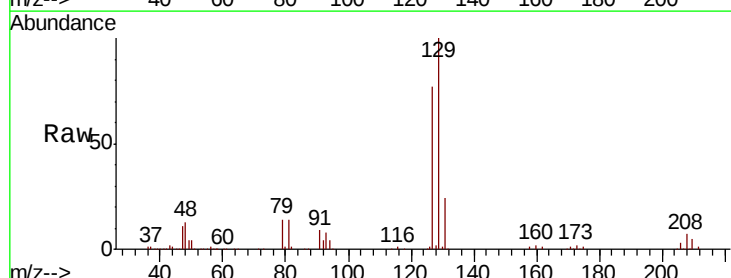
Manual Integrations
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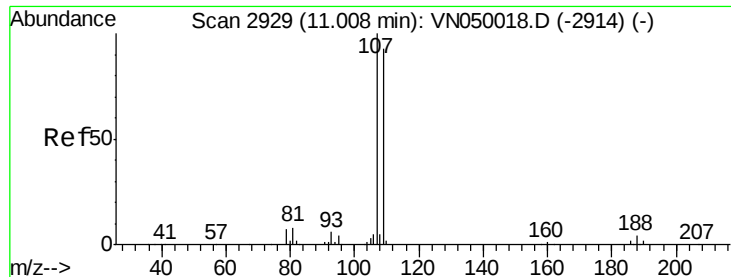
apatel
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#60
Dibromochloromethane
Concen: 52.67 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion: 129 Resp: 456487
Ion Ratio Lower Upper
129 100
127 76.7 38.0 113.9





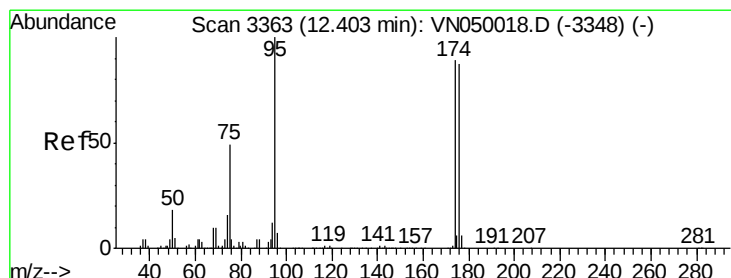
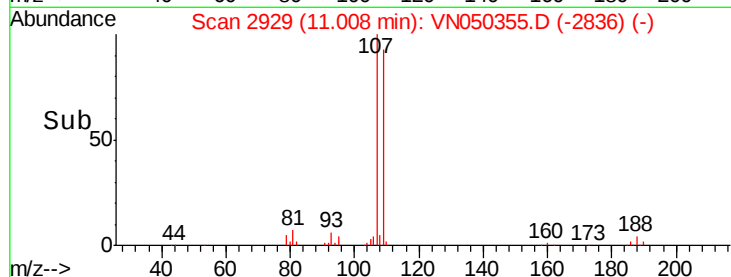
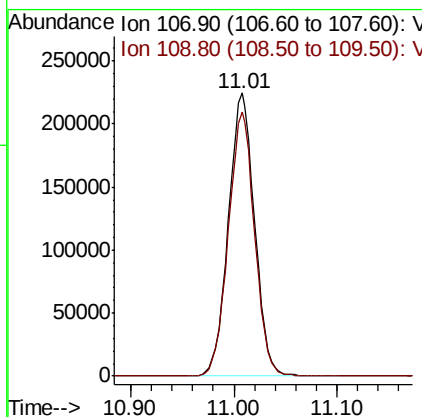
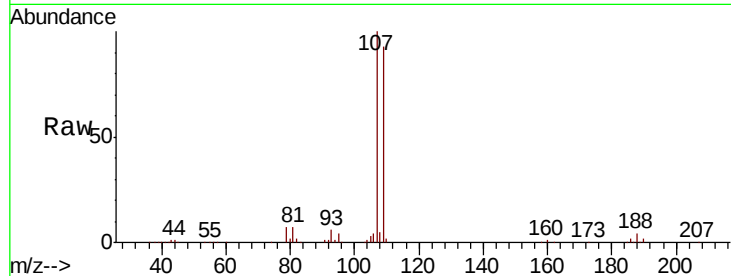
#61
 1,2-Dibromoethane
 Concen: 51.15 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.6	112.0

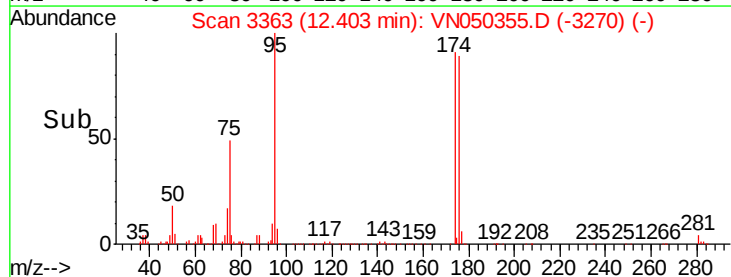
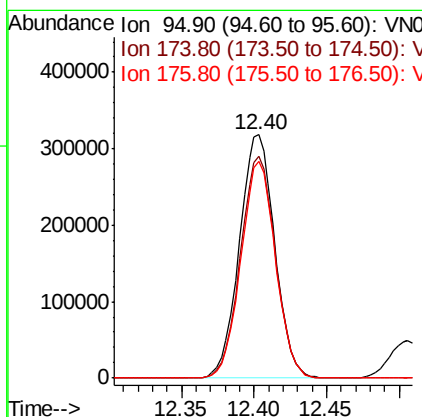
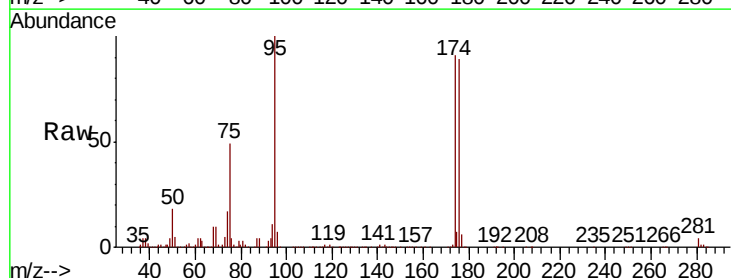
Manual Integrations
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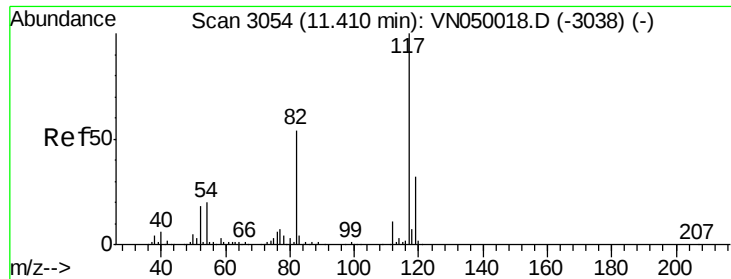
apatel
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#62
 4-Bromofluorobenzene
 Concen: 55.88 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	178.2
176	87.3	0.0	173.4





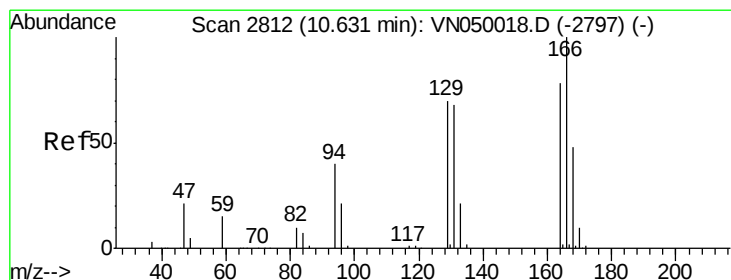
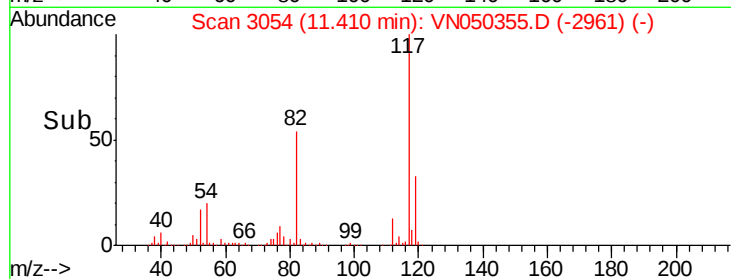
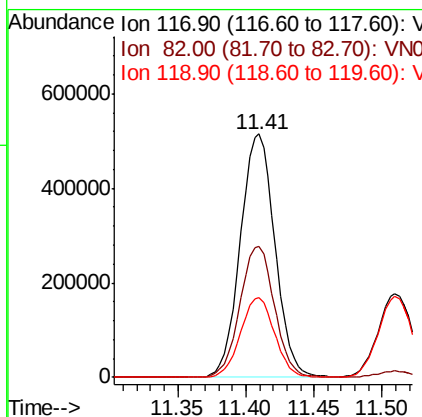
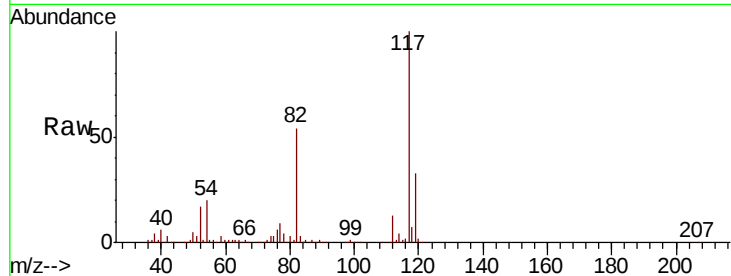
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.7	65.5
119	32.6	26.1	39.1

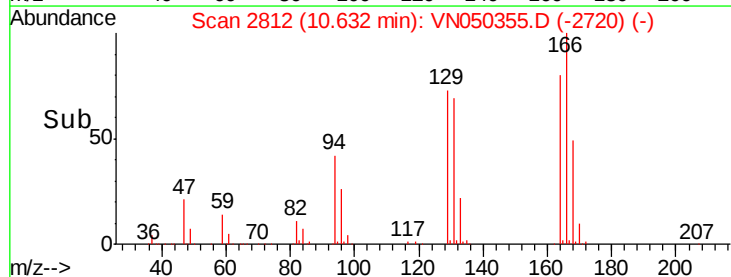
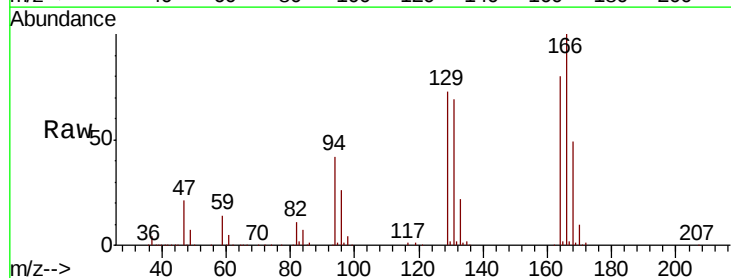
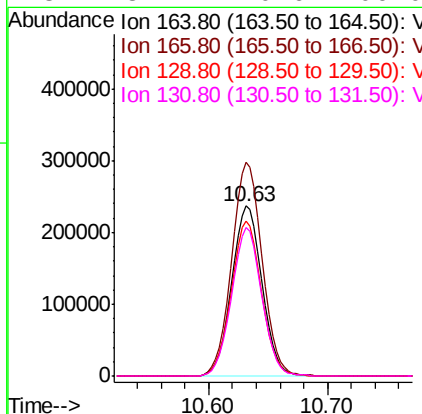
Manual Integrations
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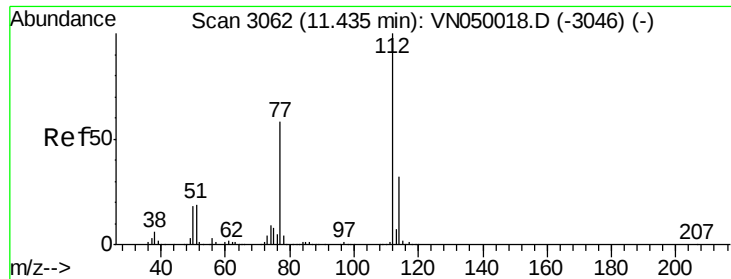
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#64
Tetrachloroethene
Concen: 47.92 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.1	153.1
129	91.5	73.2	109.8
131	87.2	70.6	106.0





#65

Chlorobenzene

Concen: 50.47 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 1156219

Ion Ratio Lower Upper

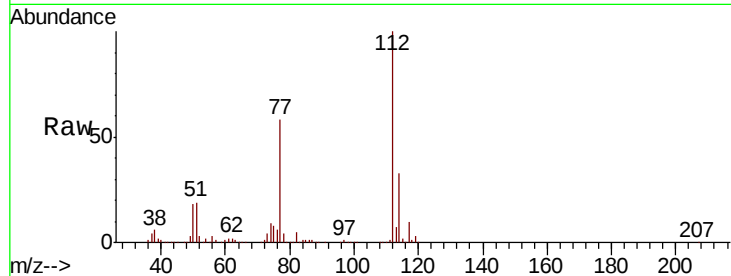
112 100

114 32.6 25.6 38.4

Manual Integrations
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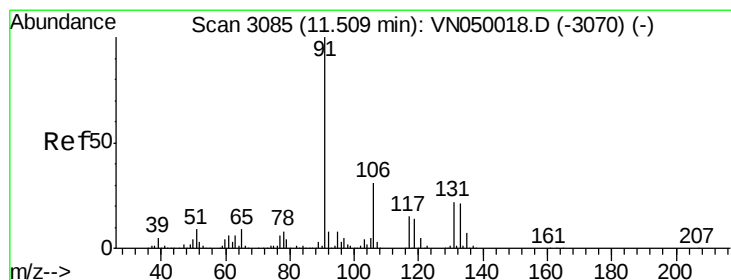
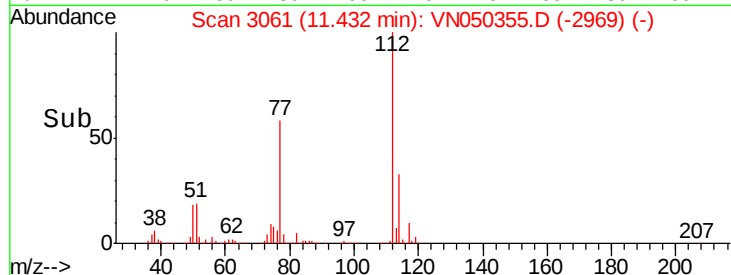
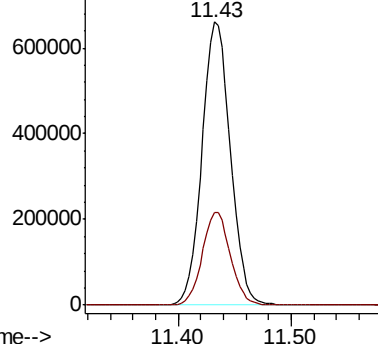
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.46 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

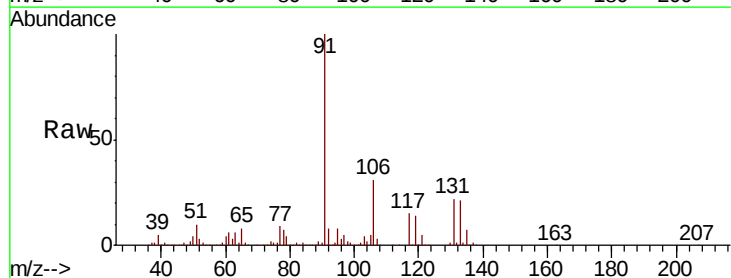
Tgt Ion:131 Resp: 444144

Ion Ratio Lower Upper

131 100

133 95.3 47.3 141.9

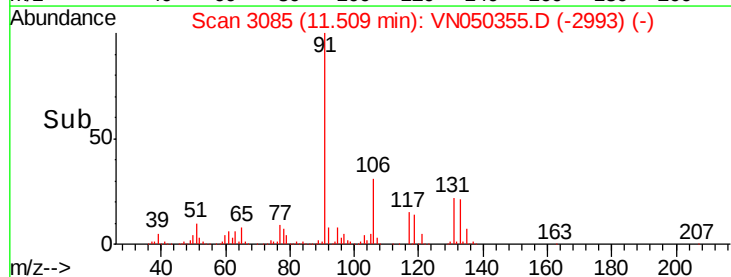
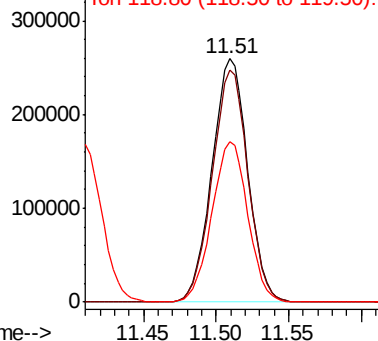
119 66.4 32.9 98.7

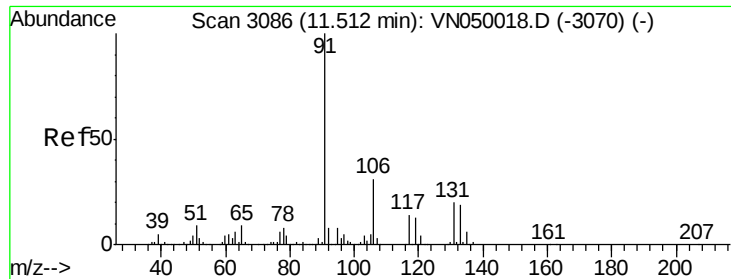


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





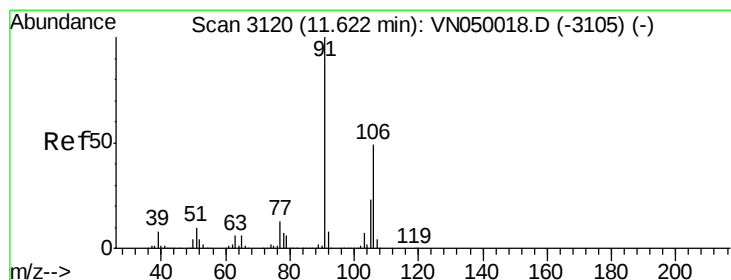
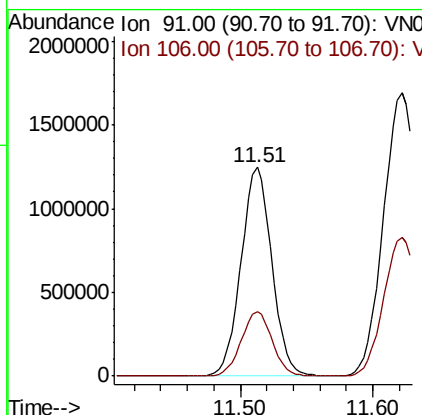
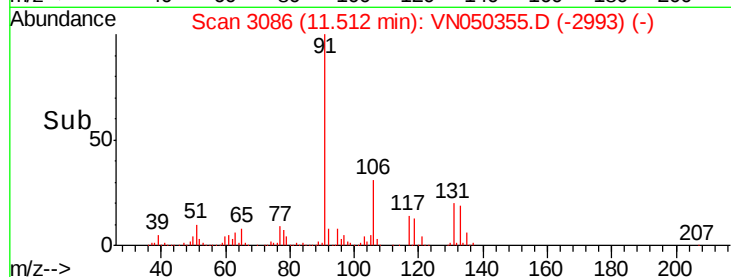
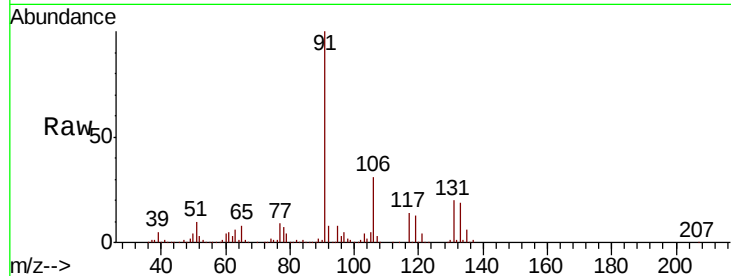
#67
Ethyl Benzene
Concen: 54.66 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 2011482
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4

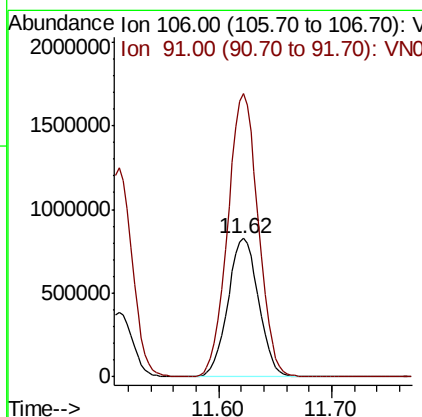
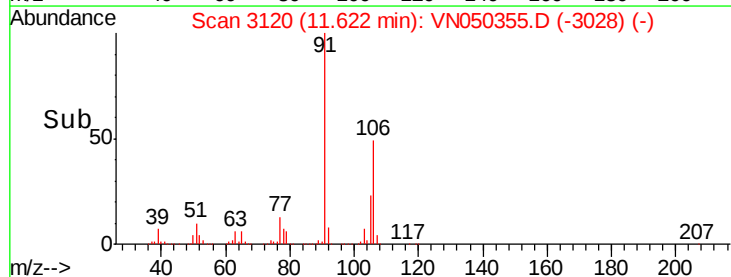
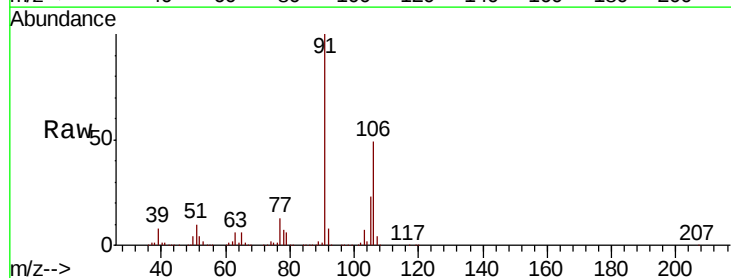
Manual Integrations
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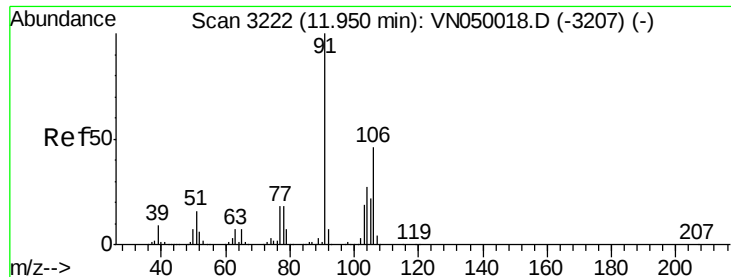
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#68
m/p-Xylenes
Concen: 111.96 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion: 106 Resp: 1558460
Ion Ratio Lower Upper
106 100
91 203.4 162.2 243.2





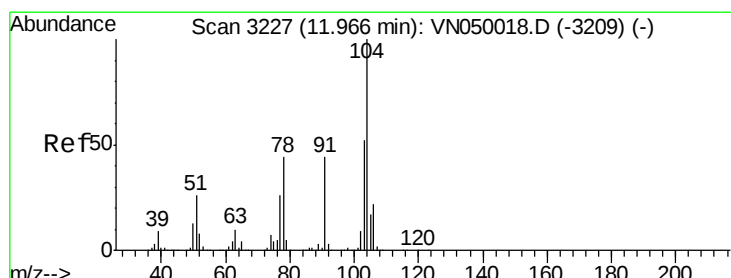
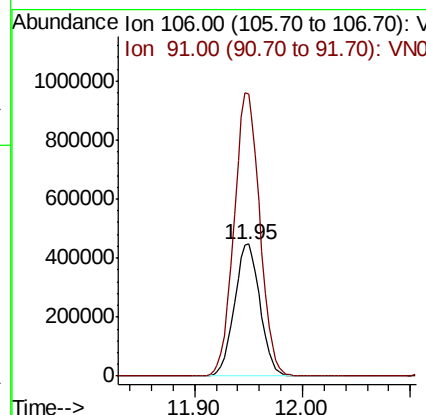
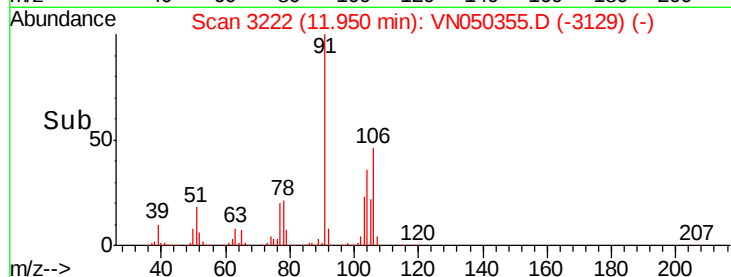
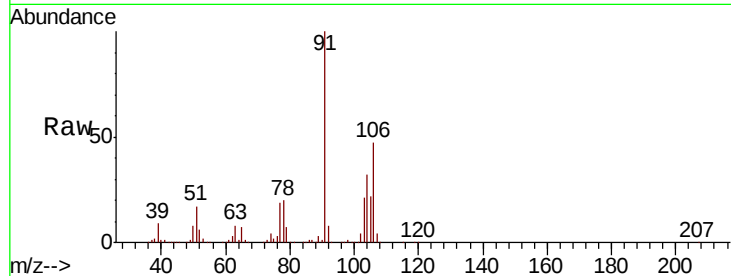
#69
o-Xylene
Concen: 55.79 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.7	107.7	323.1

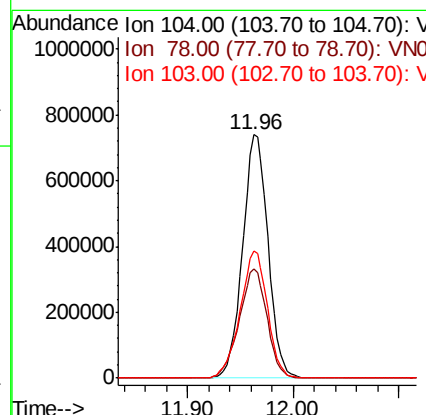
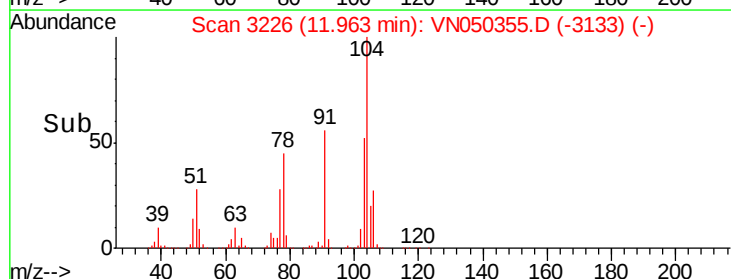
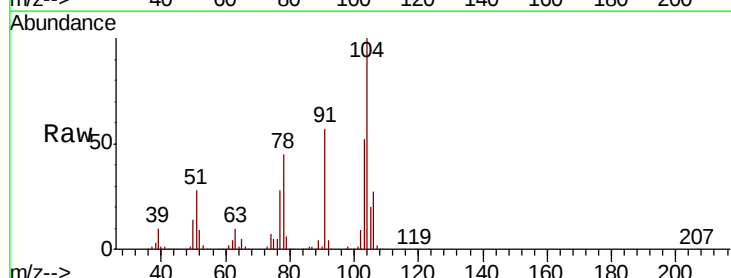
Manual Integrations
APPROVED

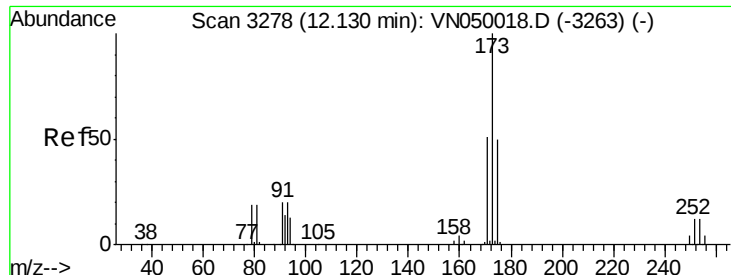
apatel
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#70
Styrene
Concen: 52.16 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.3	58.9
103	56.1	45.0	67.6





#71

Bromoform

Concen: 50.42 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

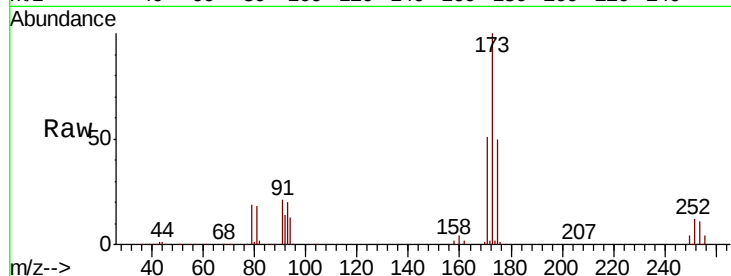
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.2
254	0.0	0.2	0.2

Manual Integrations
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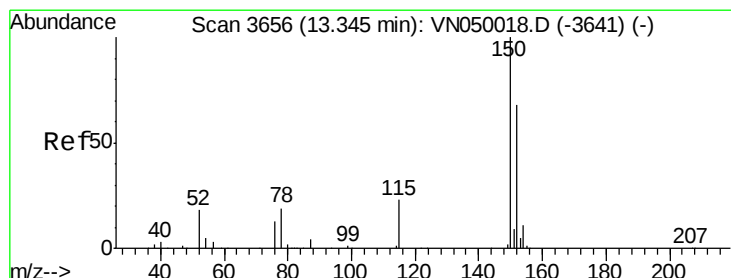
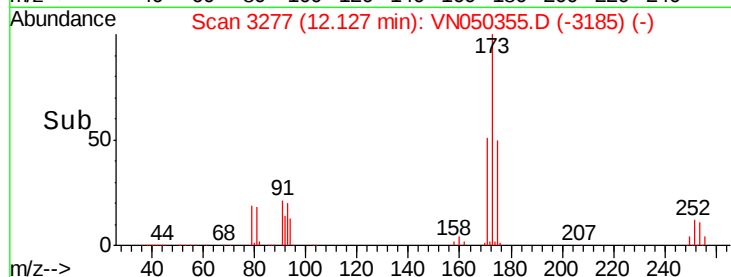
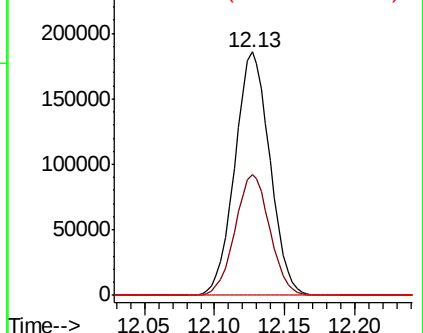


Abundance

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: VN050355.D

Acq: 4 Aug 2018 10:01

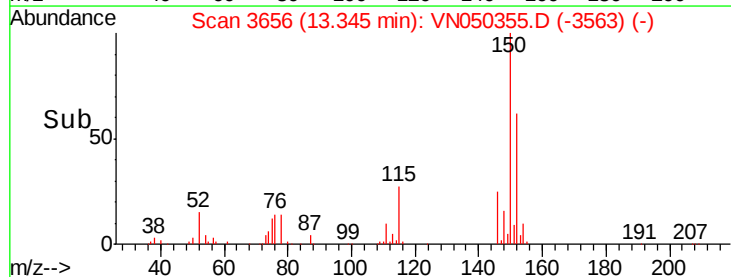
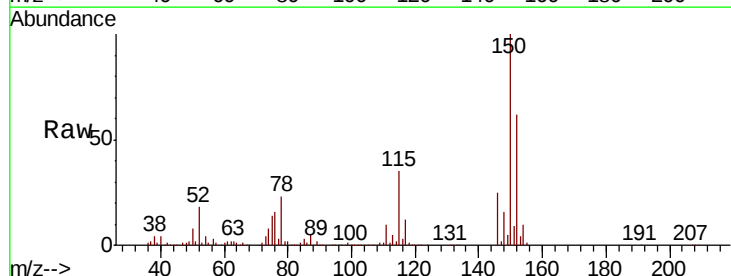
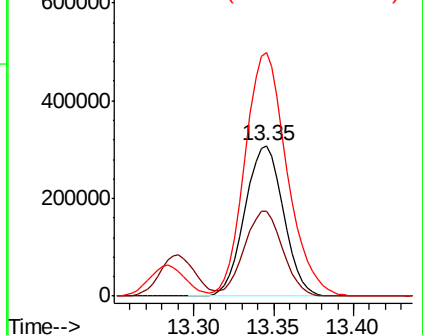
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.8	83.3
150	176.7	0.0	348.6

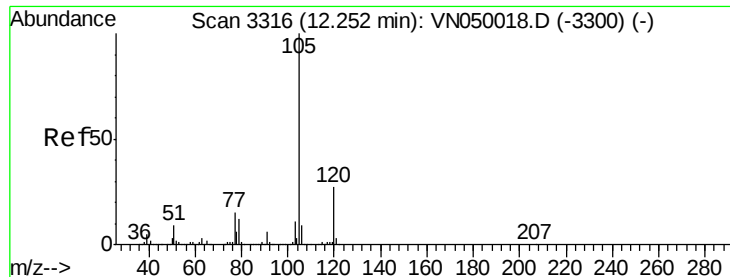
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.36 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 2017004

Ion Ratio Lower Upper

105 100

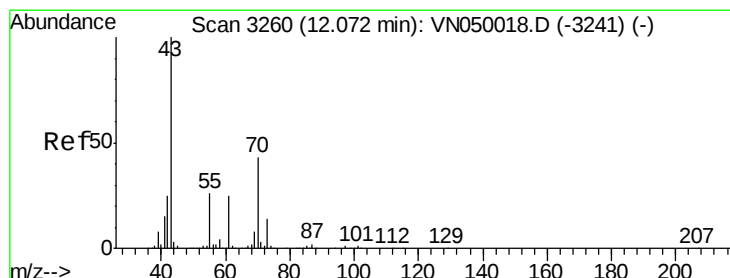
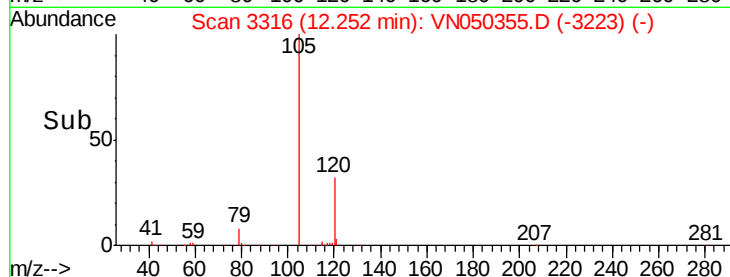
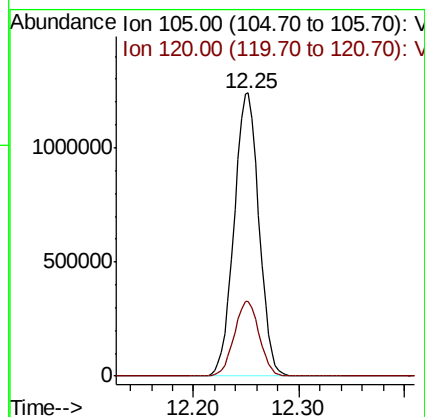
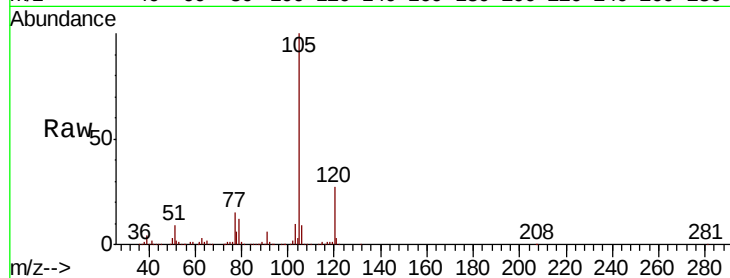
120 26.6 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.15 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Tgt Ion: 43 Resp: 589925

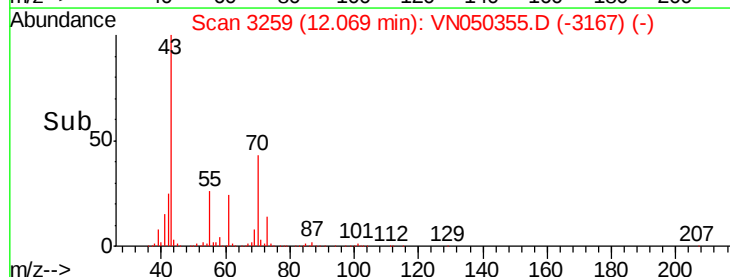
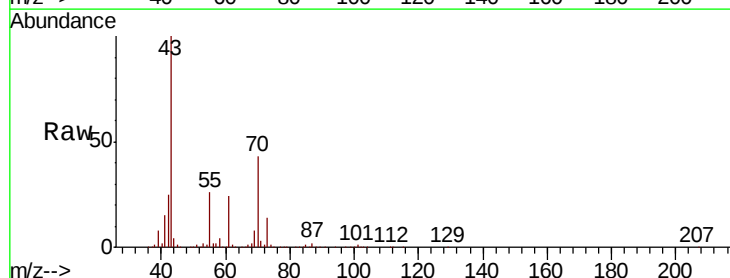
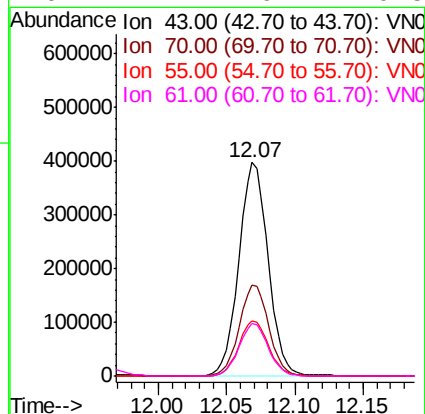
Ion Ratio Lower Upper

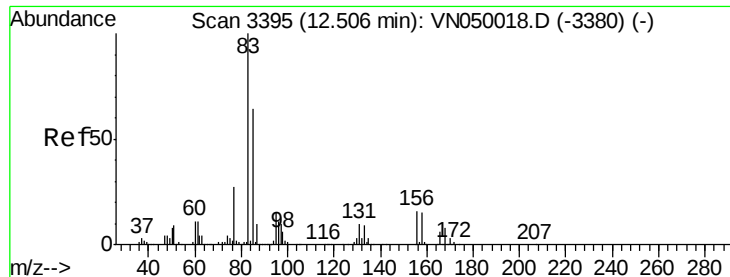
43 100

70 43.1 34.4 51.6

55 26.4 20.8 31.2

61 24.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.79 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

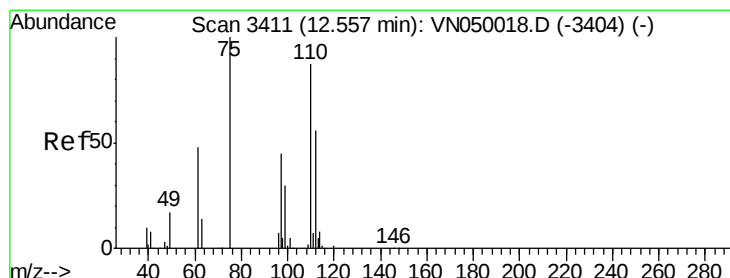
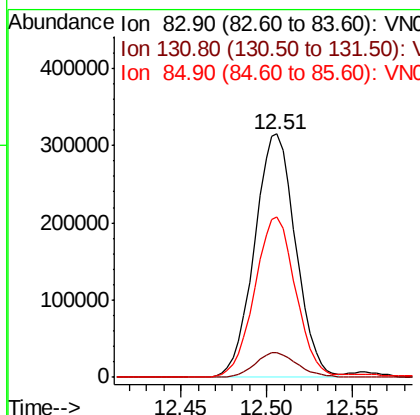
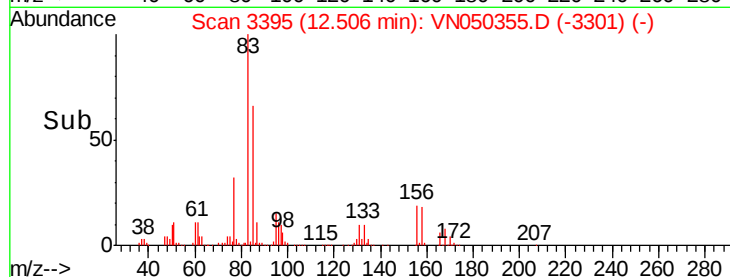
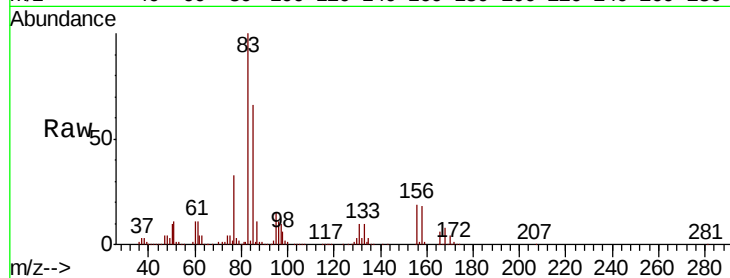
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	522353
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	65.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.10 ug/l m

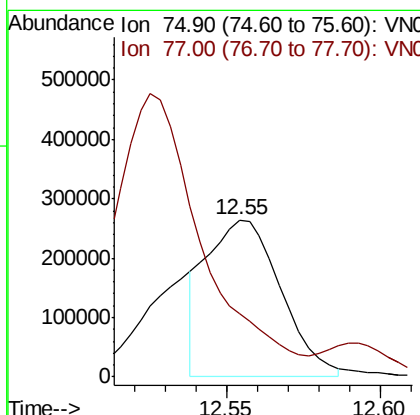
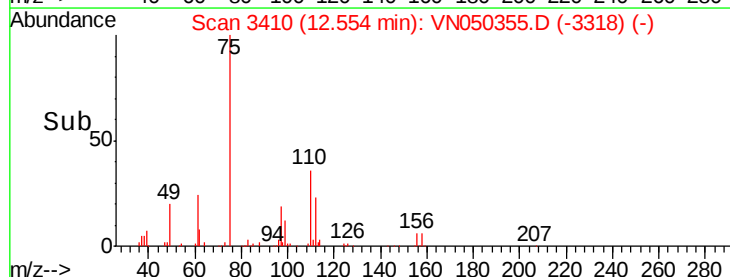
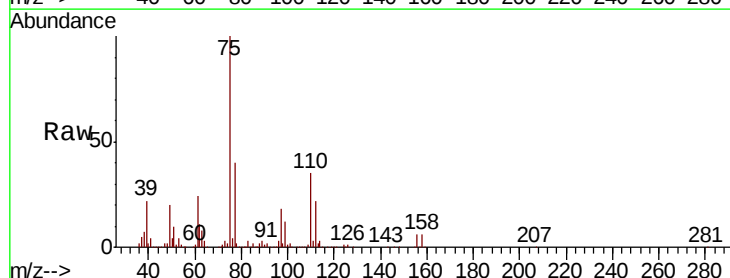
RT: 12.55 min Scan# 3410

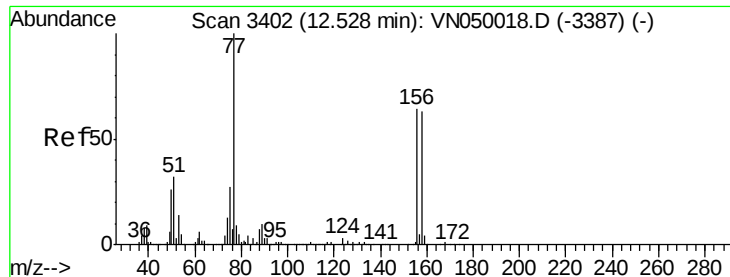
Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Tgt Ion:	75	Resp:	443204
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.91 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 521460

Ion Ratio Lower Upper

156 100

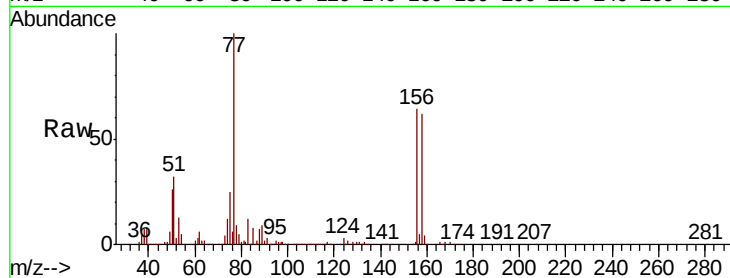
77 183.9 91.7 275.1

158 97.4 48.9 146.6

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

600000

500000

400000

300000

200000

100000

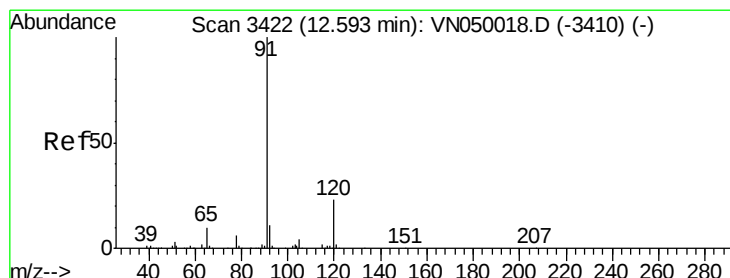
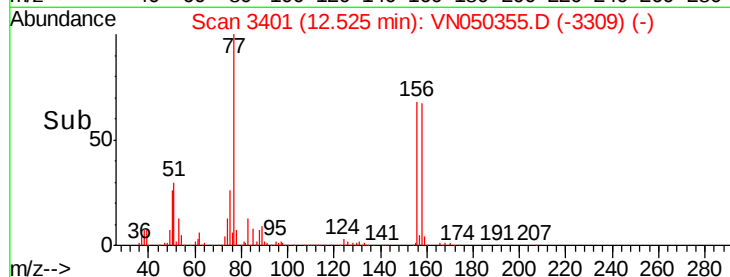
0

12.53

12.50

12.60

Time-->



#78

n-propylbenzene

Concen: 53.91 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050355.D

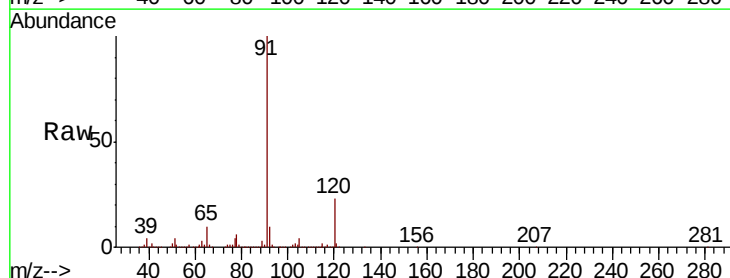
Acq: 4 Aug 2018 10:01

Tgt Ion: 91 Resp: 2366528

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

1500000

1000000

500000

0

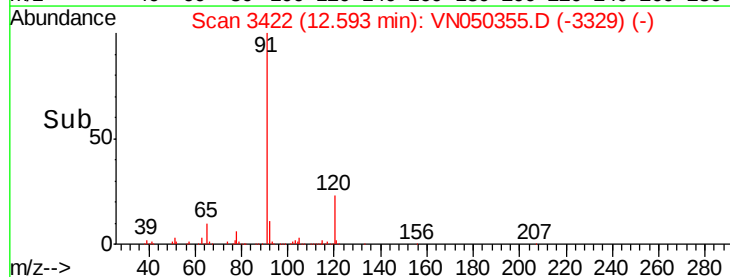
12.59

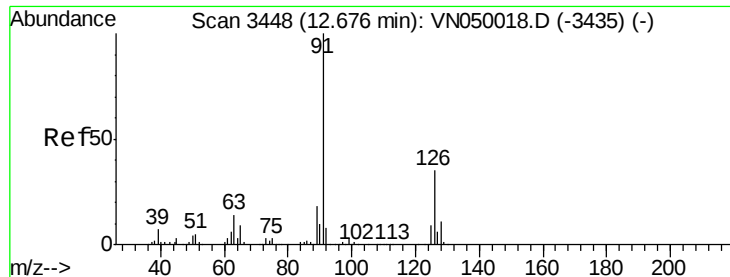
12.55

12.60

12.65

Time-->





#79

2-Chlorotoluene

Concen: 50.89 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1384476

Ion Ratio Lower Upper

91 100

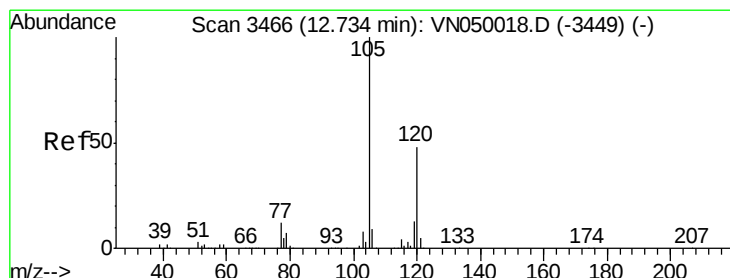
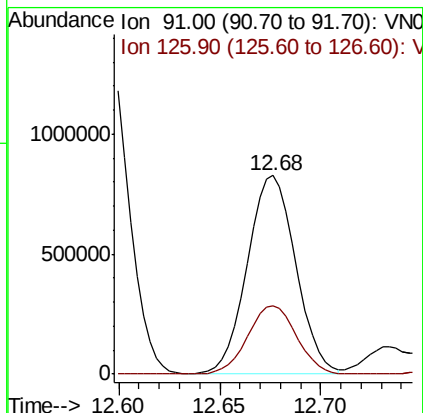
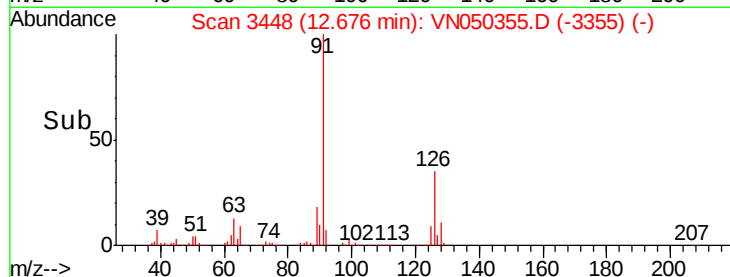
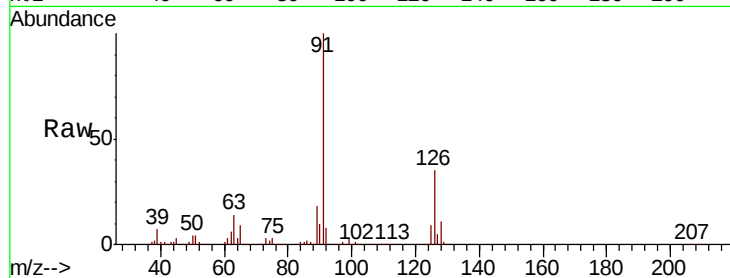
126 35.0 17.6 52.8

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#80

1,3,5-Trimethylbenzene

Concen: 55.01 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050355.D

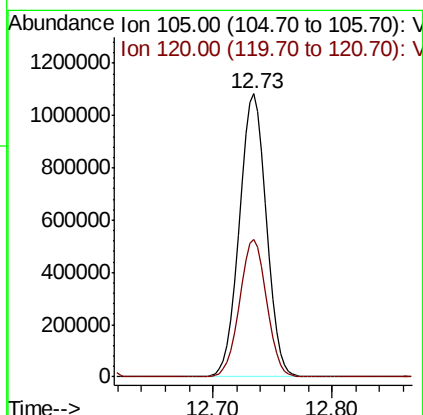
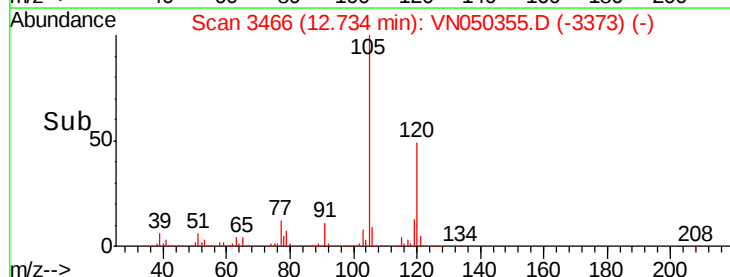
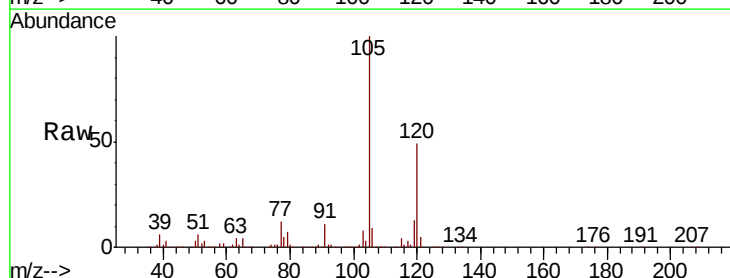
Acq: 4 Aug 2018 10:01

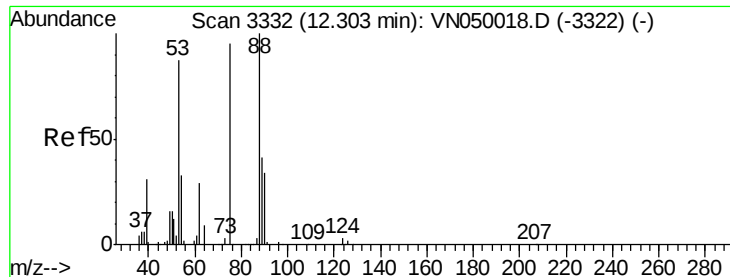
Tgt Ion: 105 Resp: 1699206

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.04 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

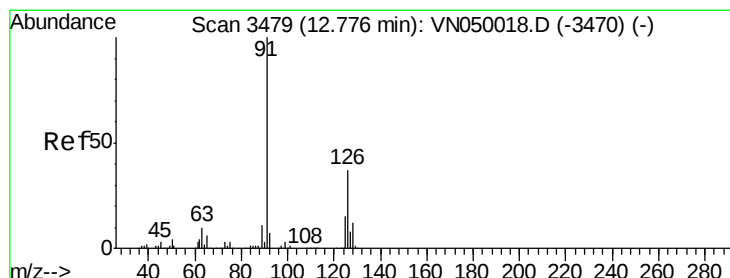
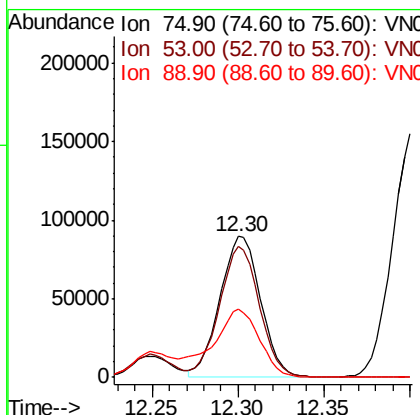
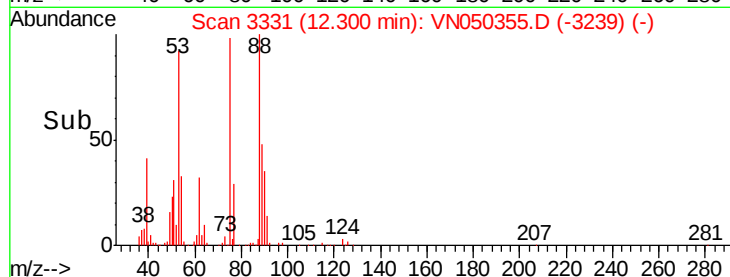
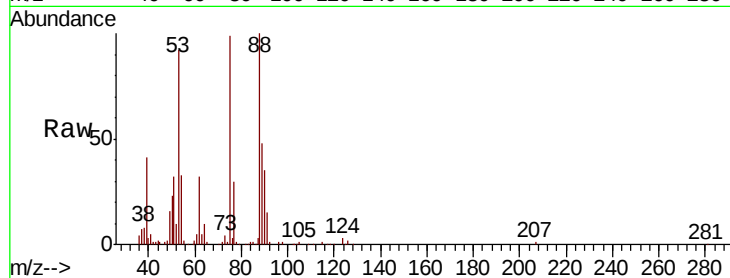
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	148470
Ion	Ratio	Lower	Upper
75	100		
53	91.9	73.5	110.3
89	51.3	36.0	54.0

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#82

4-Chlorotoluene

Concen: 53.29 ug/l

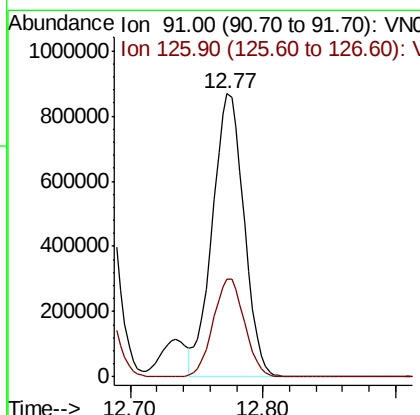
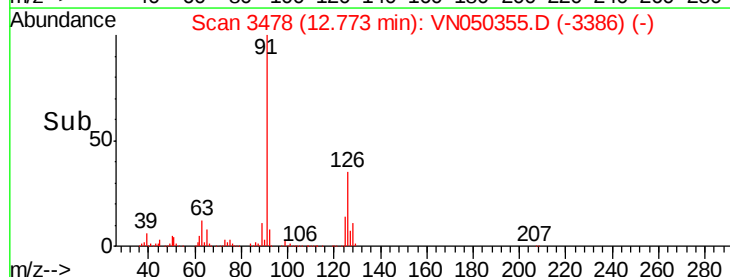
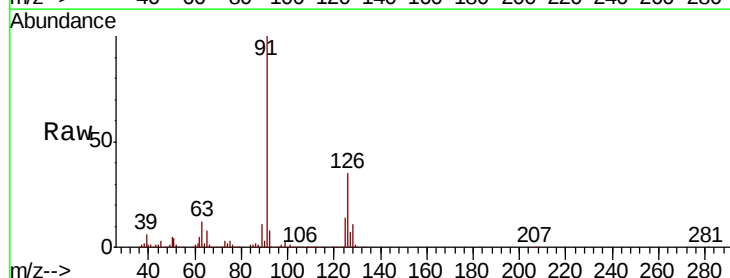
RT: 12.77 min Scan# 3478

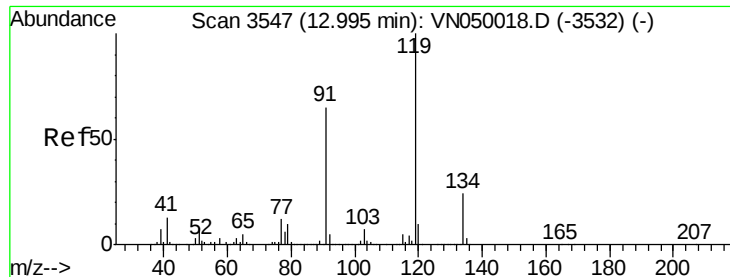
Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Tgt Ion:	91	Resp:	1435657
Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.0	51.0





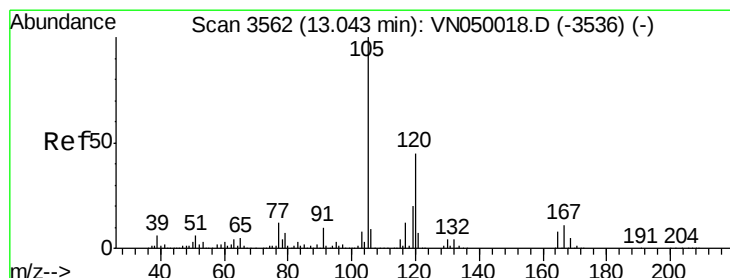
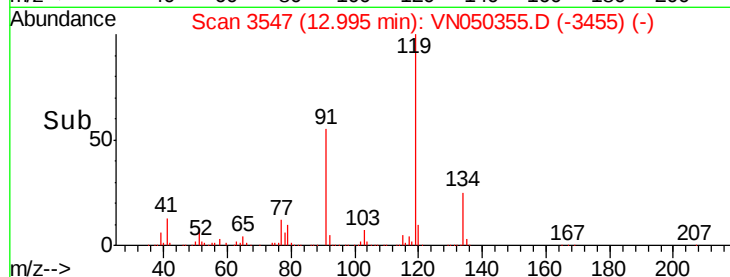
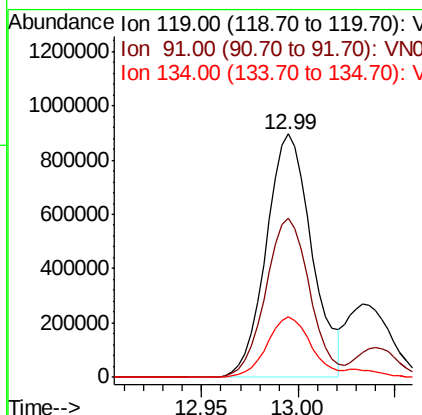
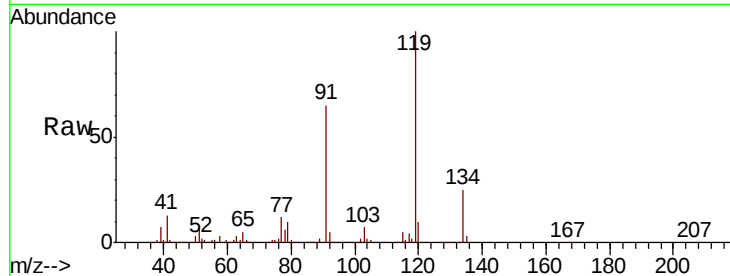
#83
 tert-Butylbenzene
 Concen: 54.33 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.5	32.1	96.3
134	24.3	13.2	39.5

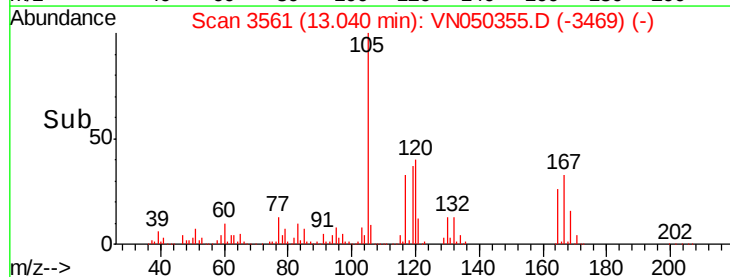
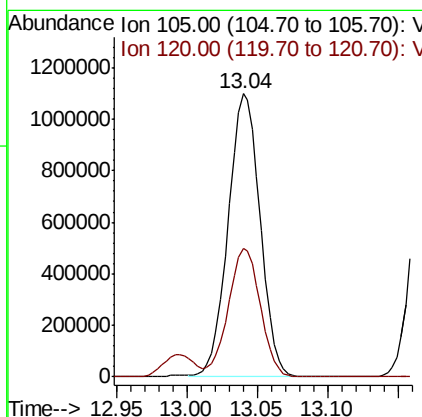
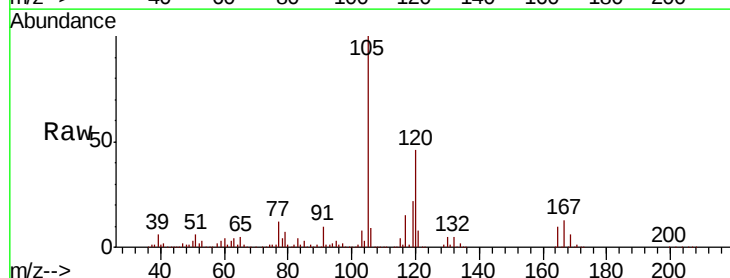
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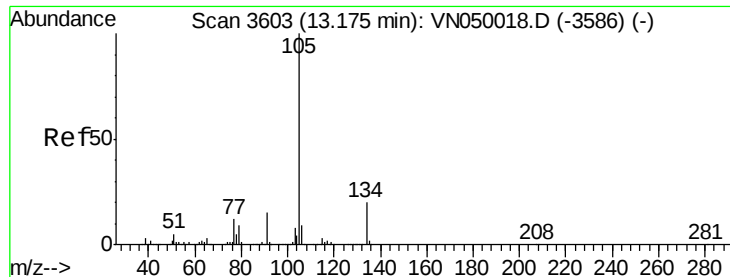
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.81 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.7





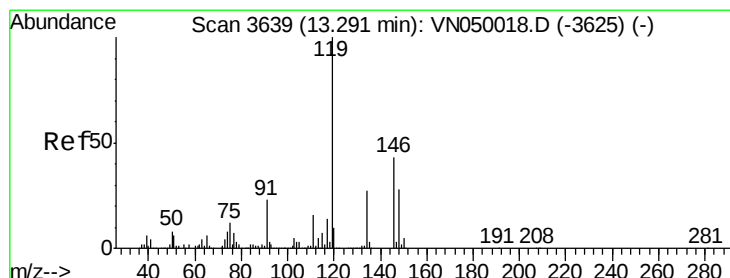
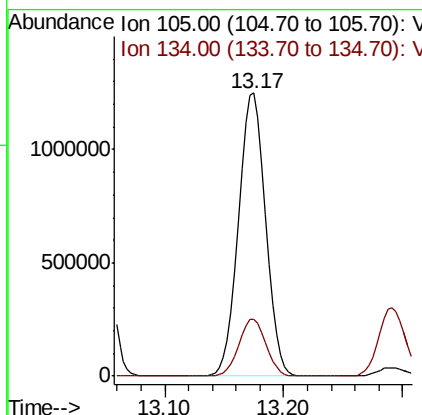
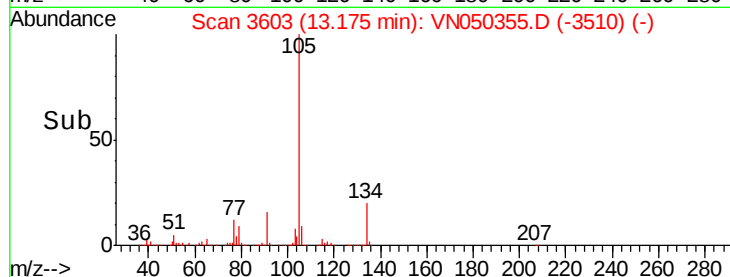
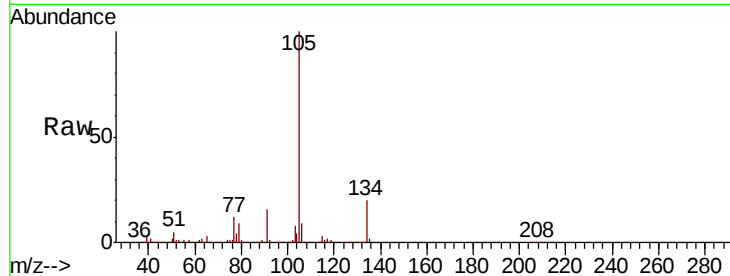
#85
 sec-Butylbenzene
 Concen: 54.65 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:105 Resp: 1968390
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

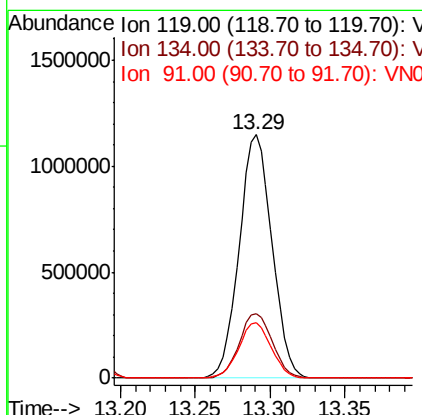
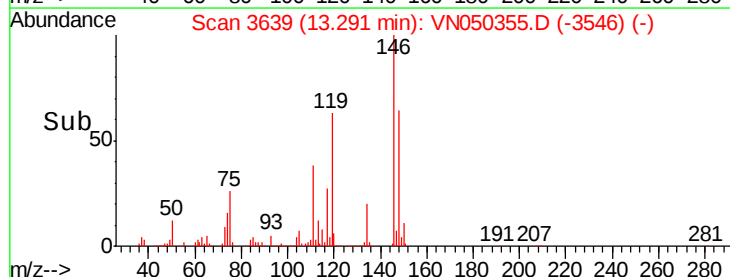
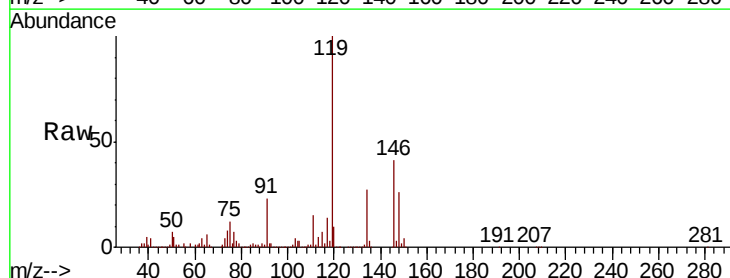
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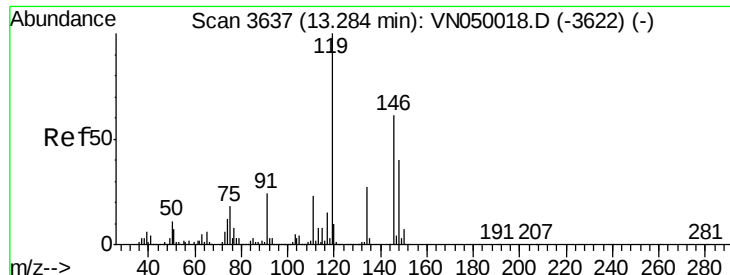
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#86
 p-Isopropyltoluene
 Concen: 57.54 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion:119 Resp: 1746467
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.7 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 51.33 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Instrument :

MSVOA_N

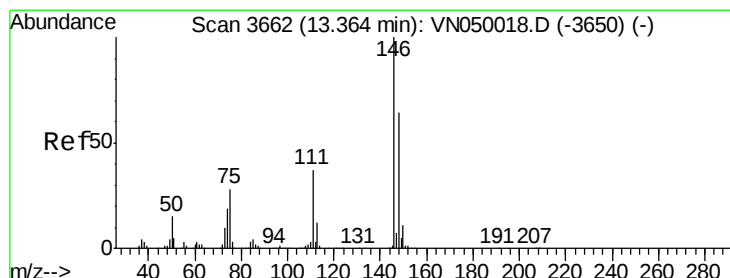
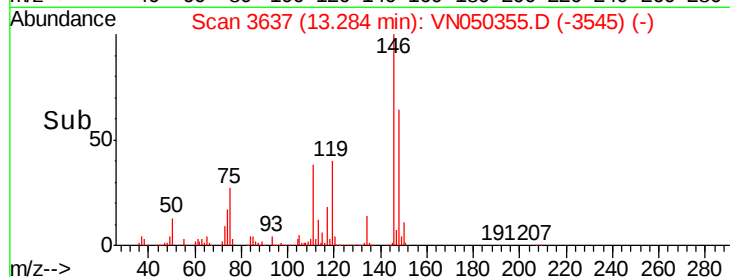
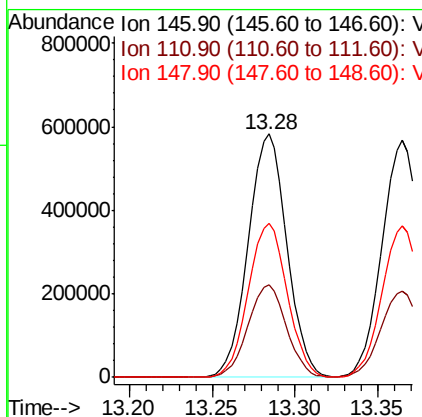
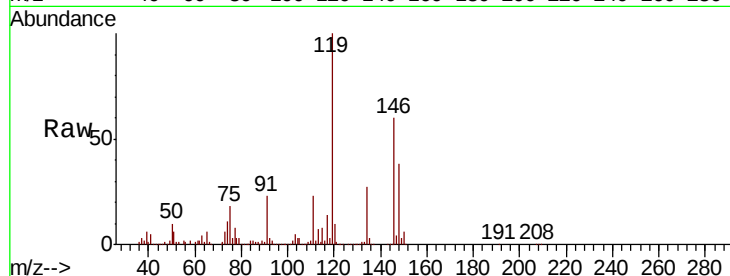
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	947195
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.8	56.4
148	63.9	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 51.72 ug/l

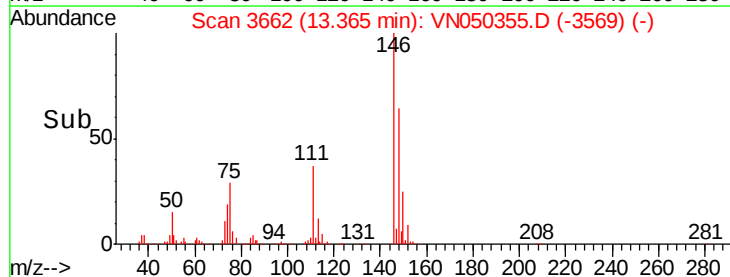
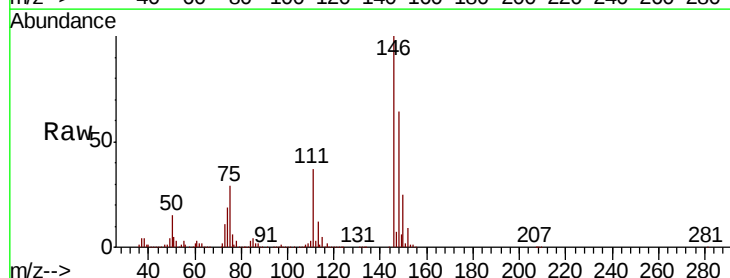
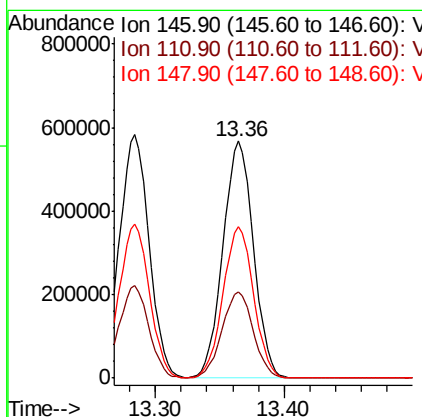
RT: 13.36 min Scan# 3662

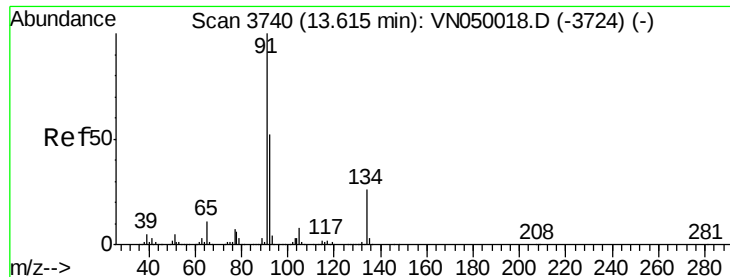
Delta R.T. 0.00 min

Lab File: VN050355.D

Acq: 4 Aug 2018 10:01

Tgt Ion:	146	Resp:	930182
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.3	54.9
148	64.1	31.9	95.9





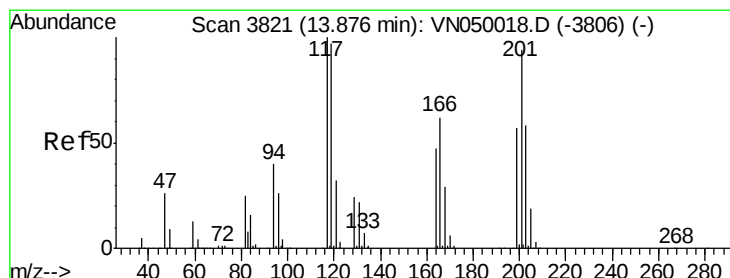
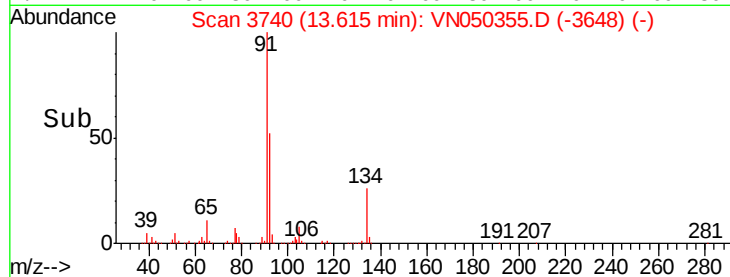
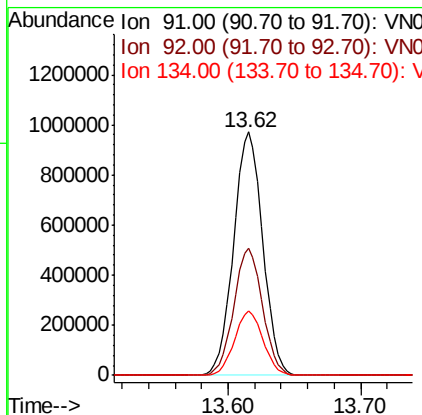
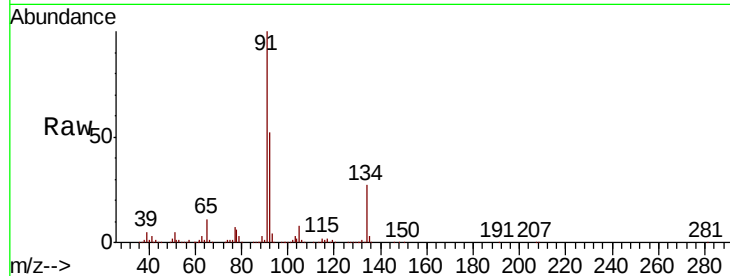
#89
n-Butylbenzene
Concen: 59.21 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.8	77.4
134	26.1	12.8	38.4

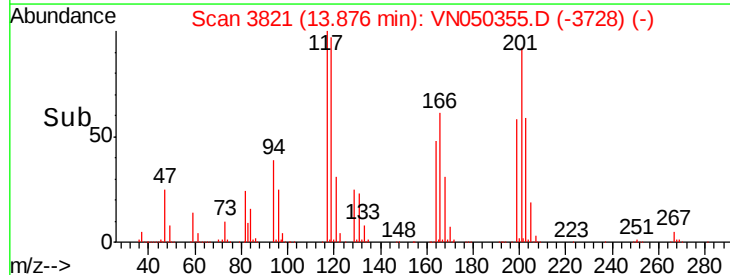
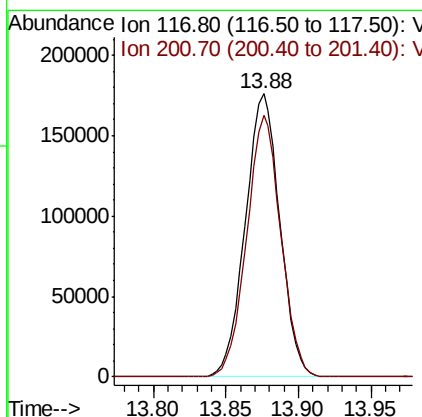
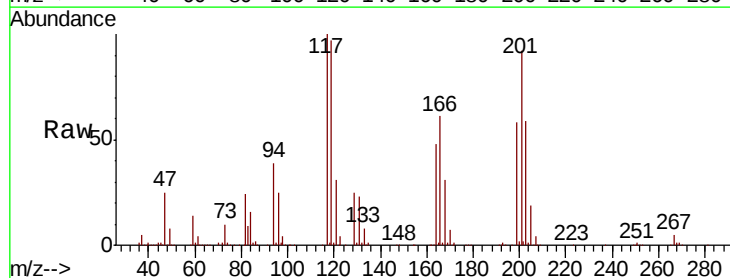
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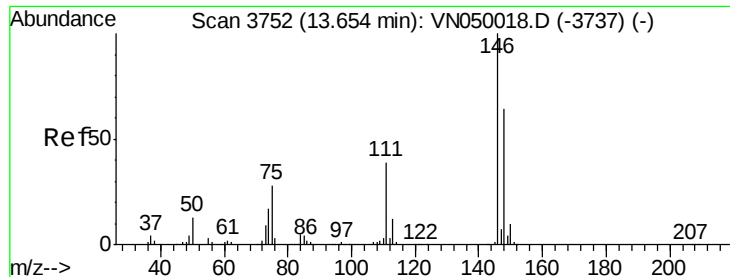
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#90
Hexachloroethane
Concen: 43.40 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.1	45.6	136.8





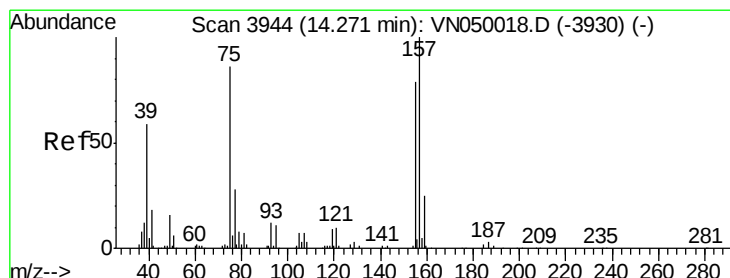
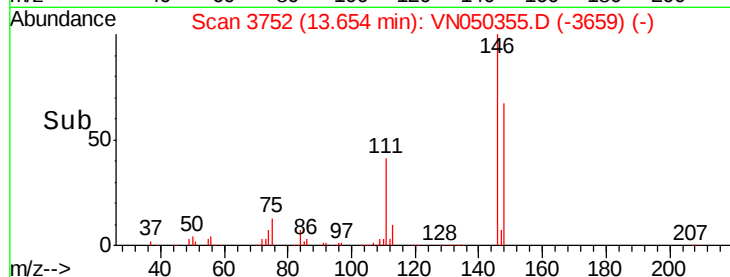
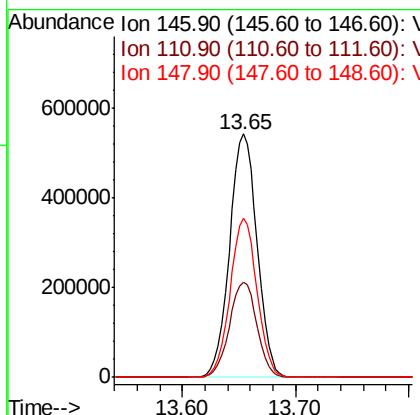
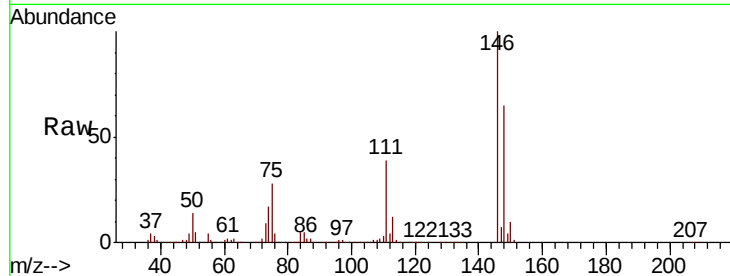
#91
 1,2-Dichlorobenzene
 Concen: 49.53 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.3	19.6	58.7	
148	63.9	32.1	96.3	

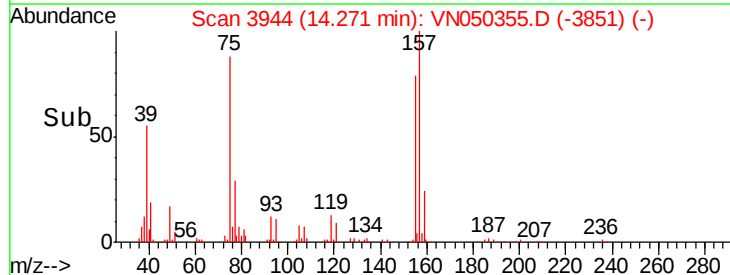
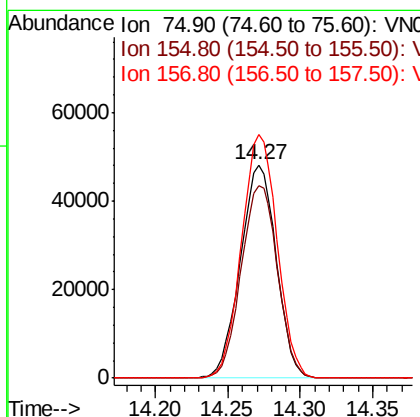
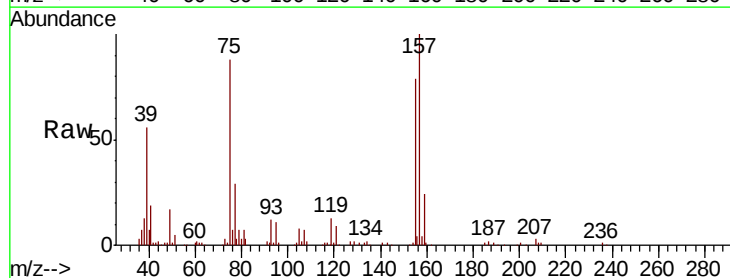
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.46 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	91.1	44.8	134.4	
157	113.1	57.2	171.6	





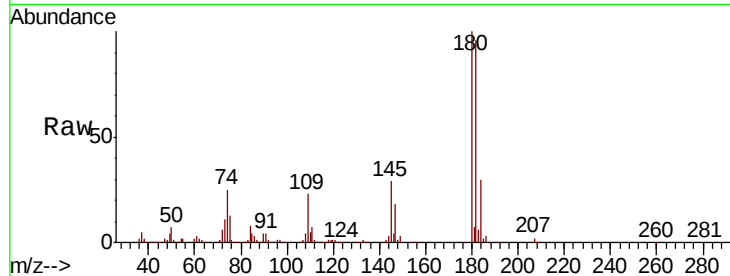
#93
 1,2,4-Trichlorobenzene
 Concen: 52.64 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	46.7	140.1	
145	28.9	13.8	41.4	

Manual Integrations
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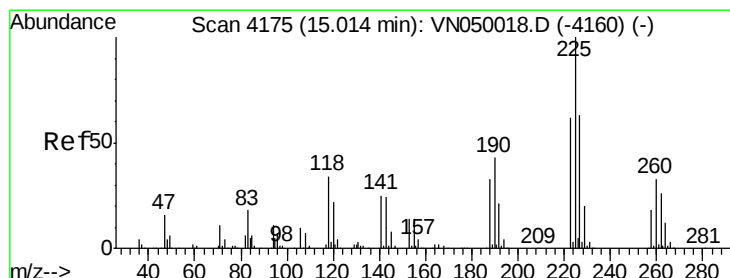
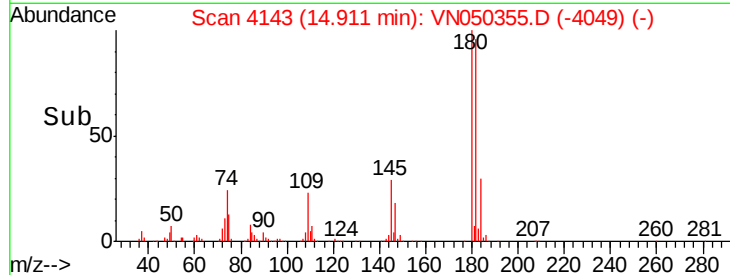
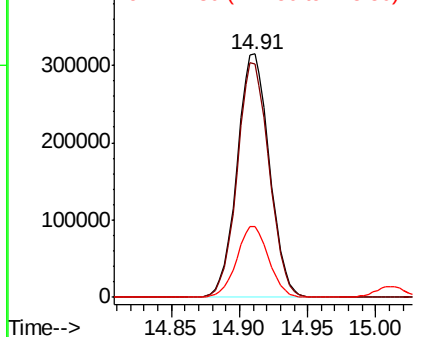


Abundance

Ion 179.80 (179.50 to 180.50): V

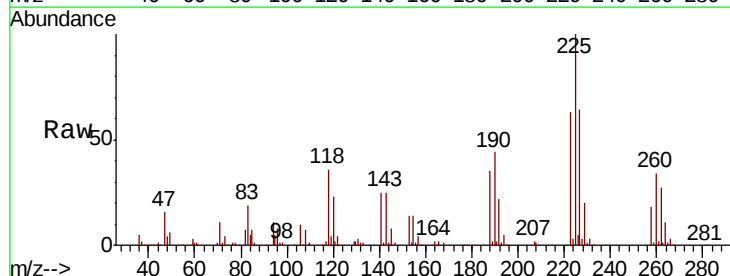
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.96 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050355.D
 Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	31.4	94.2	
227	64.0	32.1	96.5	

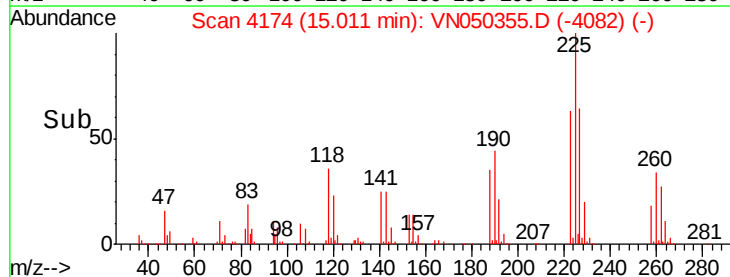
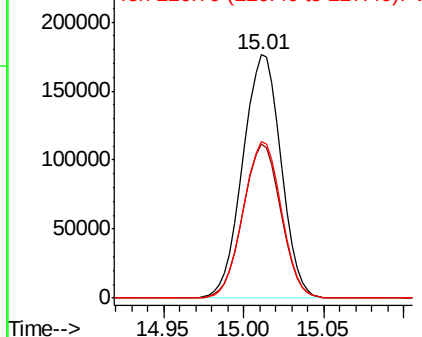


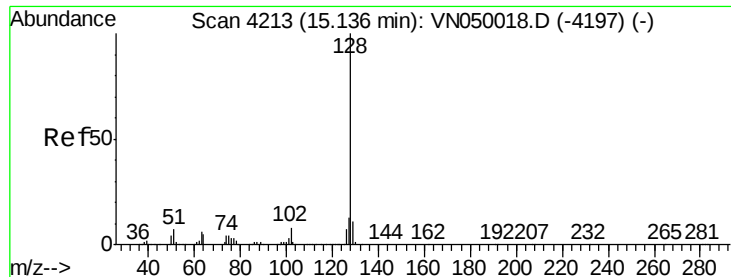
Abundance

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





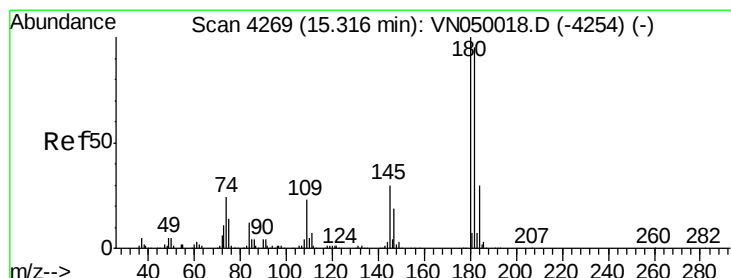
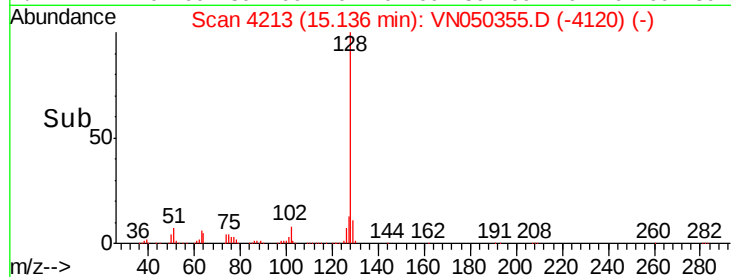
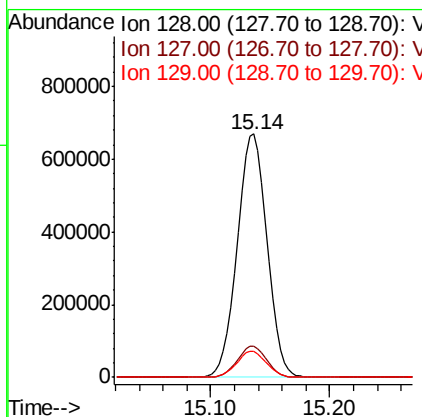
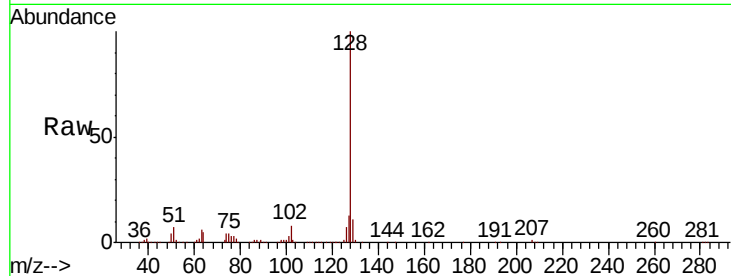
#95
Naphthalene
Concen: 50.13 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.03 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050355.D
Acq: 4 Aug 2018 10:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.4
145	29.8	15.3	45.9

