

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052249.D
 Acq On : 10 Nov 2018 1:10
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 12 03:27:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	275538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	476911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	429304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	190241	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	153914	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	10.09	98	604398	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	197953	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	147416	49.212	ug/l	100
3) Chloromethane	2.06	50	202652	48.455	ug/l	100
4) Vinyl Chloride	2.19	62	172671	49.554	ug/l	96
5) Bromomethane	2.57	94	99952	45.211	ug/l	97
6) Chloroethane	2.71	64	95143	45.980	ug/l	98
7) Trichlorofluoromethane	3.02	101	231597	47.746	ug/l	96
8) Diethyl Ether	3.41	74	89834	47.077	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	140091	45.016	ug/l	98
10) Methyl Iodide	3.96	142	198667	49.202	ug/l	99
11) Tert butyl alcohol	4.79	59	39262	203.263	ug/l	99
12) 1,1-Dichloroethene	3.74	96	135989	47.208	ug/l	97
13) Acrolein	3.61	56	74027	247.372	ug/l	97
14) Allyl chloride	4.33	41	277833	46.068	ug/l	97
15) Acrylonitrile	4.99	53	294677	248.214	ug/l	99
16) Acetone	3.82	43	211603	223.228	ug/l	100
17) Carbon Disulfide	4.06	76	395991	47.389	ug/l	98
18) Methyl Acetate	4.33	43	146260	46.450	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	410310	49.856	ug/l	100
20) Methylene Chloride	4.55	84	159799	46.518	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	148596	47.464	ug/l	96
22) Diisopropyl ether	5.95	45	594999	49.214	ug/l	98
23) Vinyl Acetate	5.90	43	2113740	254.796	ug/l	100
24) 1,1-Dichloroethane	5.85	63	303295	47.496	ug/l	99
25) 2-Butanone	6.83	43	349913	217.675	ug/l	98
26) 2,2-Dichloropropane	6.83	77	188566	40.431	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	171142	48.836	ug/l	98
28) Bromochloromethane	7.20	49	159477	50.542	ug/l	99
29) Tetrahydrofuran	7.21	42	250112	239.071	ug/l	100
30) Chloroform	7.37	83	292092	48.332	ug/l	98
31) Cyclohexane	7.66	56	284985	48.223	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	243039	49.339	ug/l	99
36) 1,1-Dichloropropene	7.80	75	229937	47.767	ug/l	98
37) Ethyl Acetate	6.93	43	170403	47.066	ug/l	98
38) Carbon Tetrachloride	7.78	117	210447	48.242	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	260647	47.472	ug/l	99
40) Benzene	8.04	78	666638	48.370	ug/l	99
41) Methacrylonitrile	7.18	41	94172	44.763	ug/l	97
42) 1,2-Dichloroethane	8.13	62	227916	47.133	ug/l	100
43) Isopropyl Acetate	8.17	43	314036	49.762	ug/l	99
44) Trichloroethene	8.84	130	162276	46.987	ug/l	99
45) 1,2-Dichloropropane	9.12	63	185430	48.160	ug/l	99
46) Dibromomethane	9.21	93	108010	48.837	ug/l	99
47) Bromodichloromethane	9.40	83	219368	47.874	ug/l	99
48) Methyl methacrylate	9.20	41	163045	49.034	ug/l	100
49) 1,4-Dioxane	9.20	88	22080	826.038	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	857111	245.934	ug/l	100
52) Toluene	10.16	92	402358	48.397	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	220510	48.766	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	259380	48.593	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	144035	47.932	ug/l	96
56) Ethyl methacrylate	10.43	69	204412	50.332	ug/l	99
57) 1,3-Dichloropropane	10.71	76	259329	48.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	586696	260.895	ug/l	99
59) 2-Hexanone	10.75	43	567820	232.089	ug/l	99
60) Dibromochloromethane	10.90	129	158197	51.901	ug/l	100
61) 1,2-Dibromoethane	11.00	107	146904	49.743	ug/l	100
64) Tetrachloroethene	10.63	164	142023	47.251	ug/l	99
65) Chlorobenzene	11.43	112	437729	48.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153676	49.873	ug/l	97
67) Ethyl Benzene	11.51	91	768809	48.050	ug/l	99
68) m/p-Xylenes	11.62	106	579875	97.315	ug/l	98
69) o-Xylene	11.95	106	280297	49.236	ug/l	100
70) Styrene	11.96	104	451437	49.083	ug/l	99
71) Bromoform	12.13	173	91663	49.865	ug/l #	99
73) Isopropylbenzene	12.25	105	744511	46.329	ug/l	100
74) N-amyl acetate	12.07	43	286058	49.032	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	182676	46.369	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	235639	67.749	ug/l #	100
77) Bromobenzene	12.53	156	174079	46.277	ug/l	98
78) n-propylbenzene	12.59	91	878691	46.685	ug/l	100
79) 2-Chlorotoluene	12.67	91	505765	46.385	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	603610	47.230	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	47178	46.301	ug/l	94
82) 4-Chlorotoluene	12.77	91	515604	47.128	ug/l	100
83) tert-Butylbenzene	12.99	119	533678	47.831	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	614779	47.709	ug/l	98
85) sec-Butylbenzene	13.17	105	729066	47.648	ug/l	100
86) p-Isopropyltoluene	13.29	119	609806	47.638	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	307690	46.987	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	303146	46.242	ug/l	99
89) n-Butylbenzene	13.62	91	540210	47.394	ug/l	99
90) Hexachloroethane	13.87	117	106764	47.519	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	294664	46.108	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26243	46.855	ug/l	99

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Response via : Initial Calibration

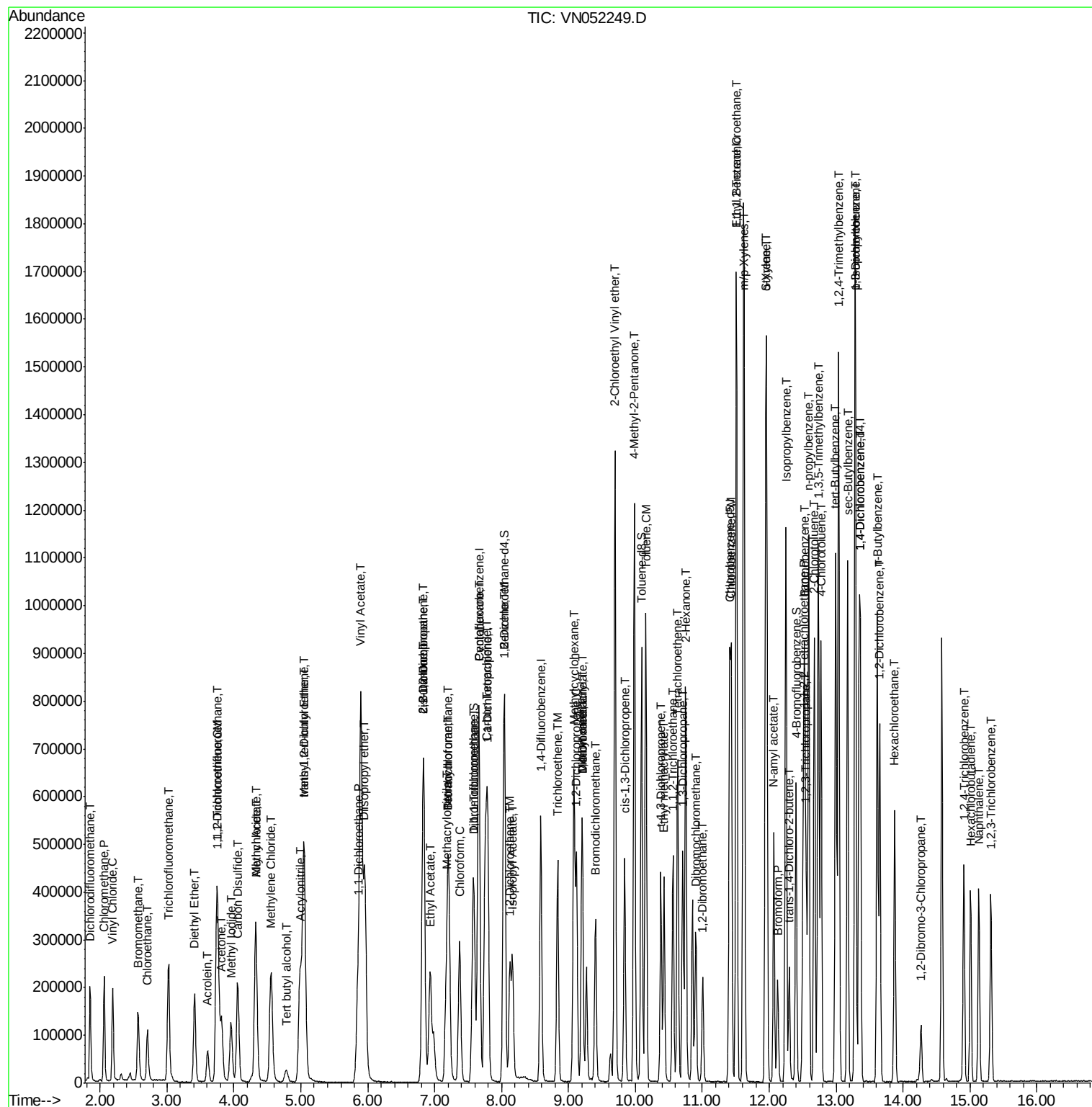
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	133049	52.649	ug/l	100
94) Hexachlorobutadiene	15.01	225	65072	47.387	ug/l	99
95) Naphthalene	15.13	128	326519	52.425	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	120592	50.473	ug/l	99

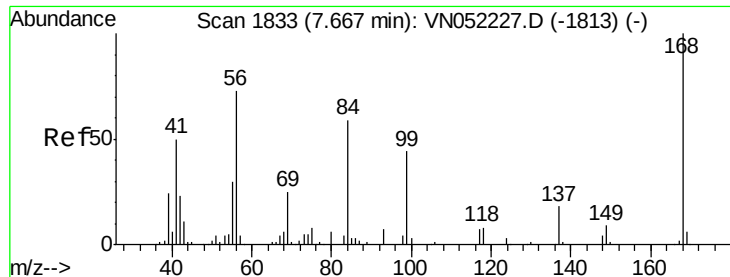
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110918\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

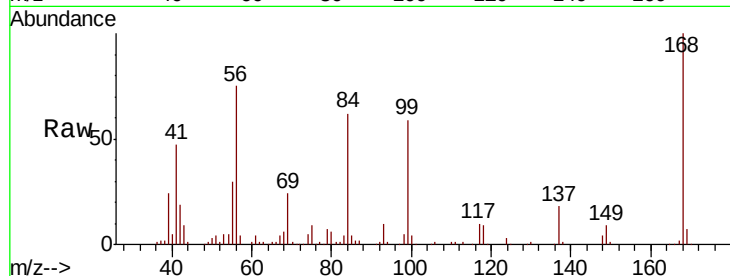
VSTDCCC050EC

Tot Ion:168 Resp: 275538

Ion Ratio Lower Upper

168 100

99 59.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

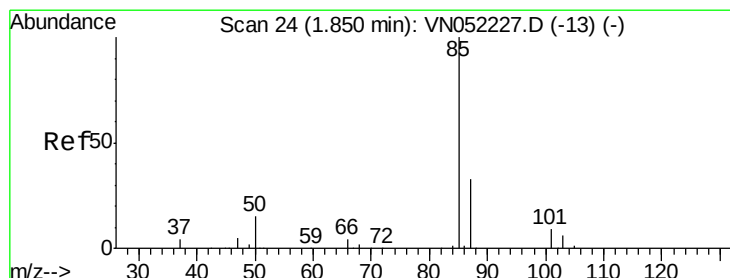
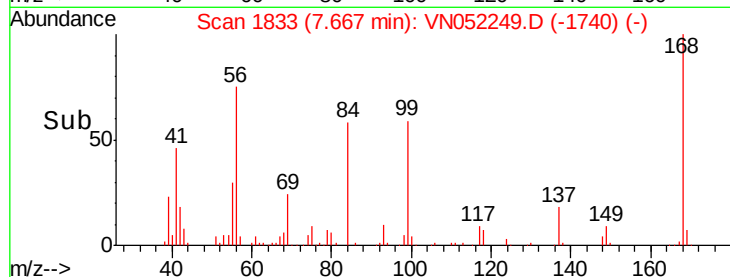
7.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.212 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052249.D

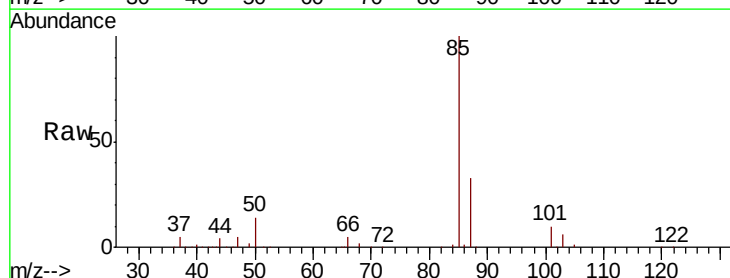
Acq: 10 Nov 2018 1:10

Tgt Ion: 85 Resp: 147416

Ion Ratio Lower Upper

85 100

87 33.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

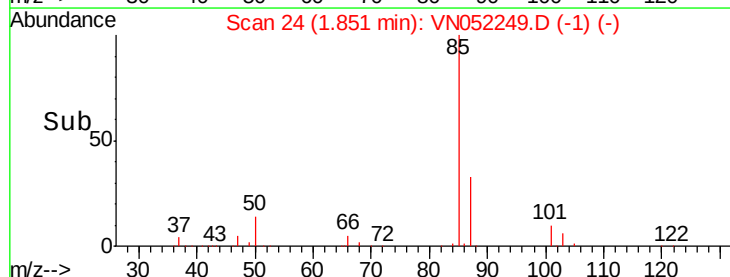
60000

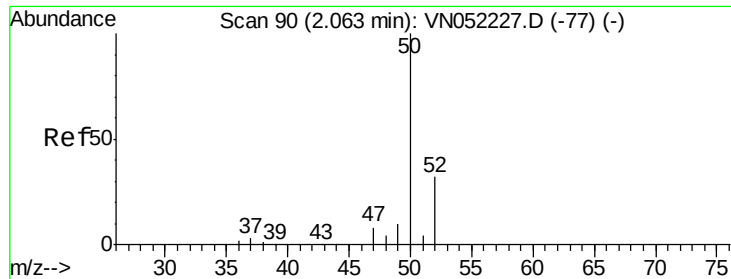
40000

20000

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Time-->

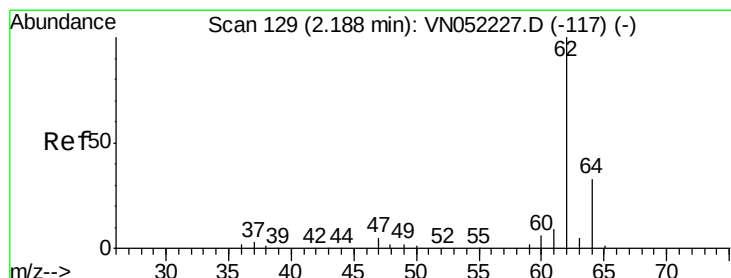
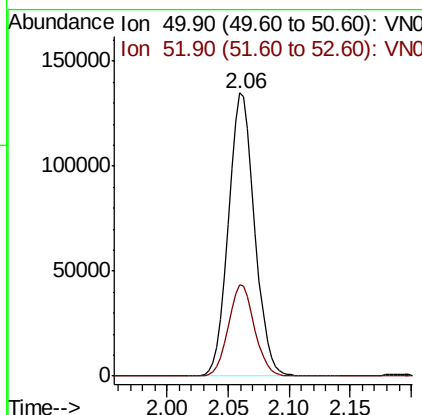
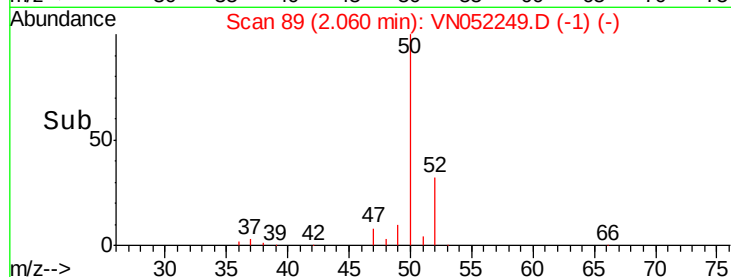
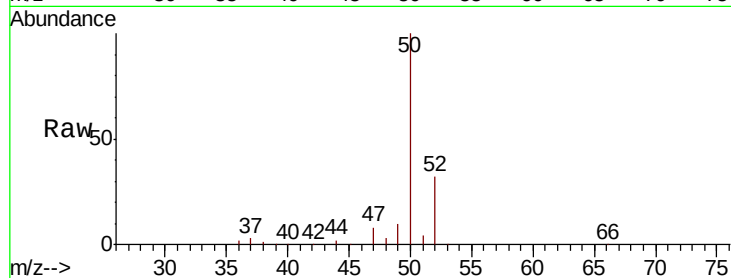




#3
 Chloromethane
 Concen: 48.455 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

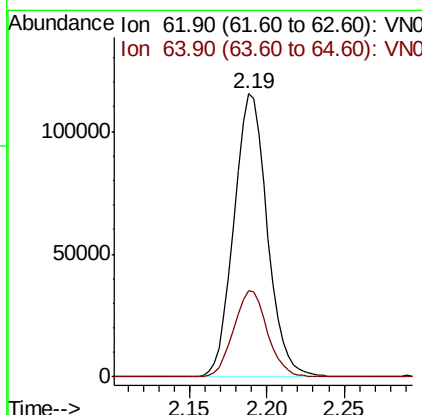
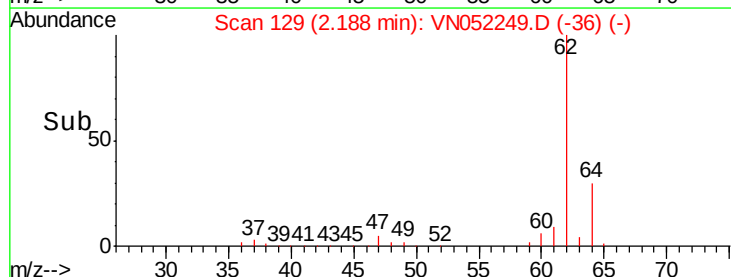
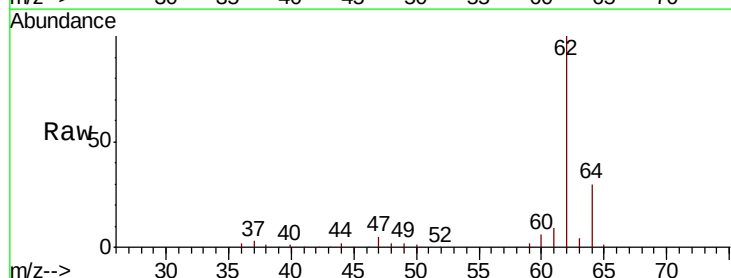
Instrument :
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 VSTDCCC050EC

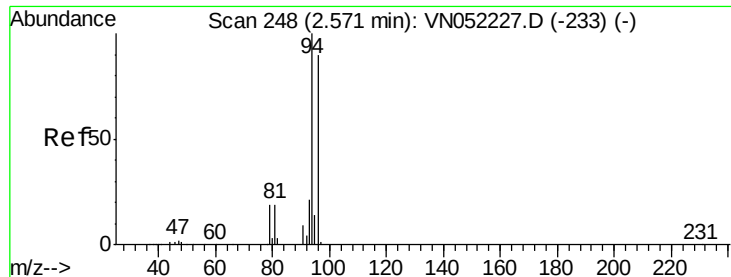
Tot Ion: 50 Resp: 202652
 Ion Ratio Lower Upper
 50 100
 52 32.3 25.7 38.5



#4
 Vinyl Chloride
 Concen: 49.554 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion: 62 Resp: 172671
 Ion Ratio Lower Upper
 62 100
 64 30.3 26.1 39.1





#5

Bromomethane

Concen: 45.211 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

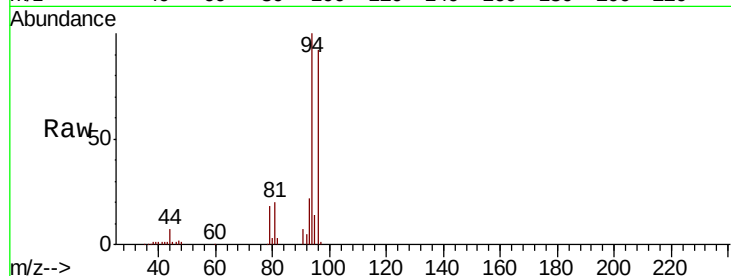
VSTDCCC050EC

Tot Ion: 94 Resp: 99952

Ion Ratio Lower Upper

94 100

96 92.3 71.8 107.8



Abundance Ion 93.90 (93.60 to 94.60): VN052227.D (-233) (-)

Ion 95.90 (95.60 to 96.60): VN052227.D (-233) (-)

2.57

50000

40000

30000

20000

10000

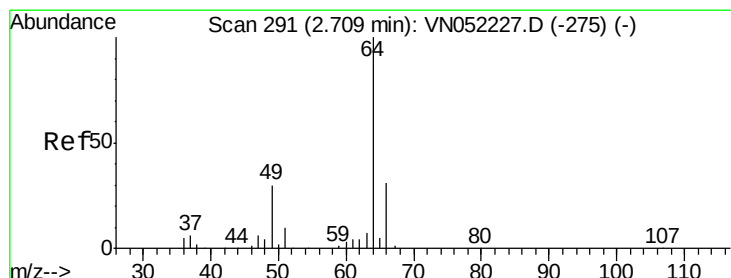
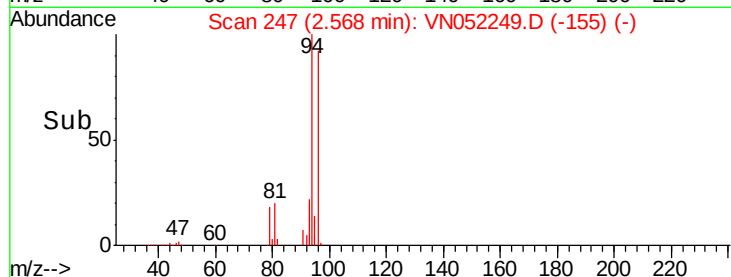
0

2.50

2.60

2.70

Time-->



#6

Chloroethane

Concen: 45.980 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN052249.D

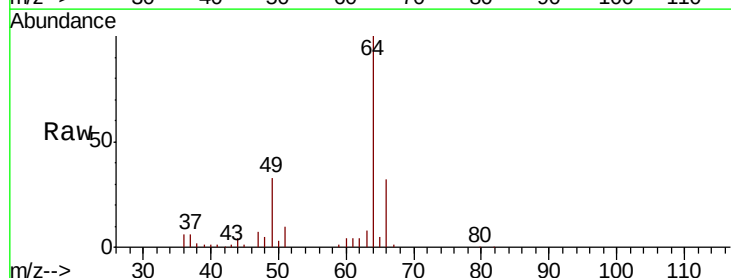
Acq: 10 Nov 2018 1:10

Tgt Ion: 64 Resp: 95143

Ion Ratio Lower Upper

64 100

66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN052227.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN052227.D (-275) (-)

2.71

50000

40000

30000

20000

10000

0

2.60

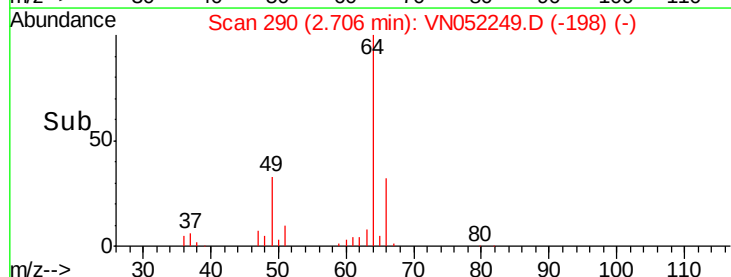
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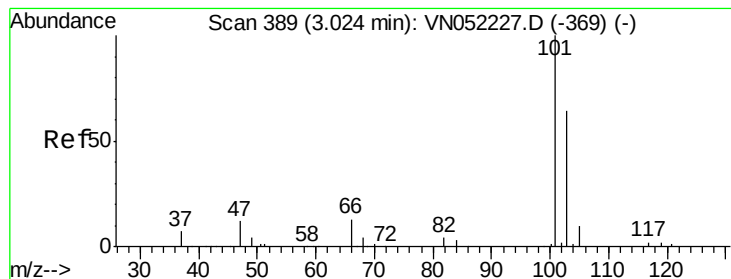
2.70

2.75

2.80

Time-->



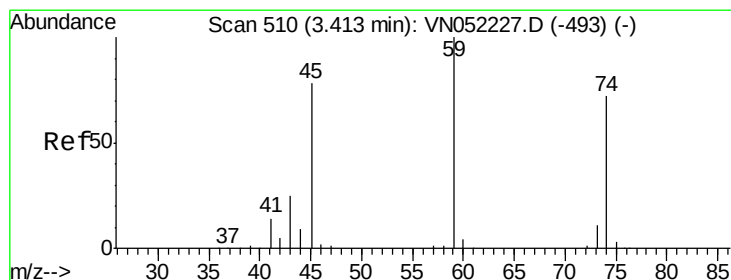
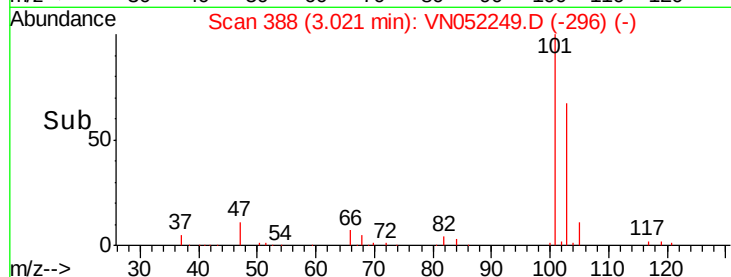
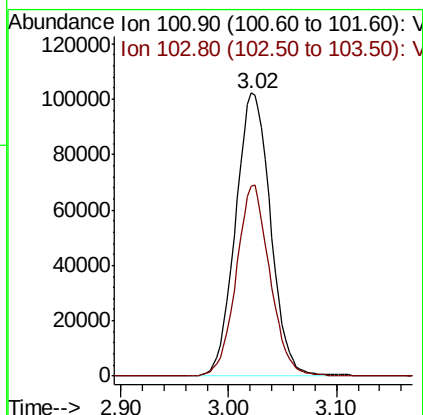
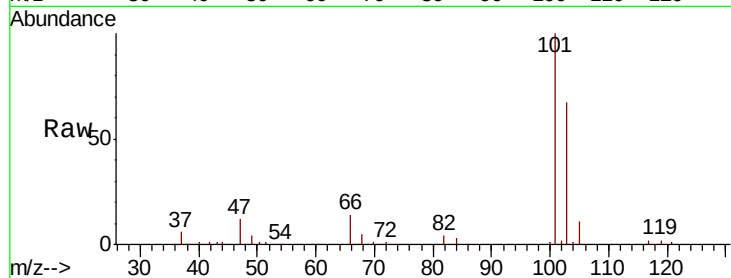


#7

Trichlorofluoromethane
 Concen: 47.746 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Instrument :
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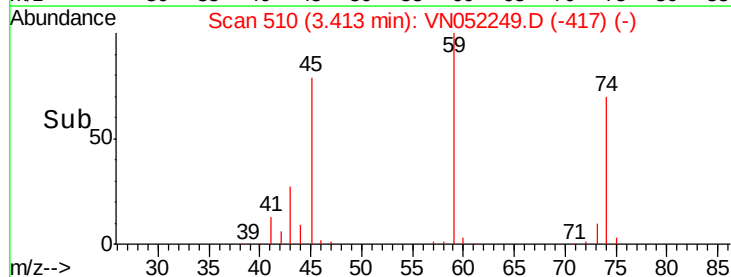
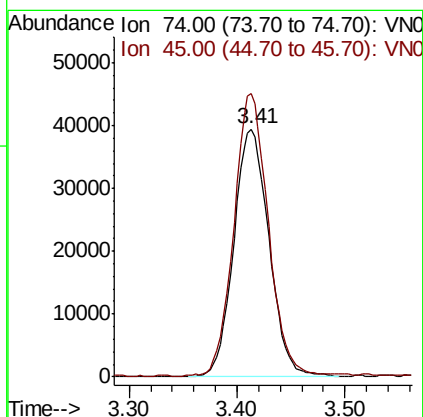
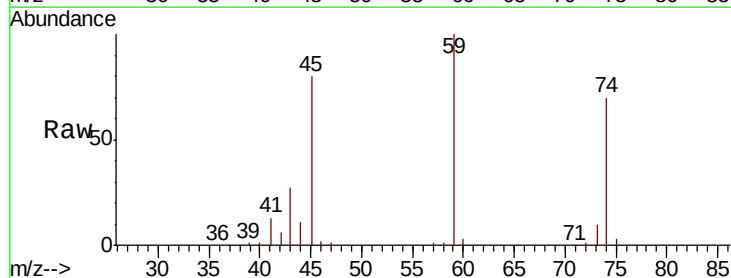
Tot Ion:101 Resp: 231597
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.2 76.8

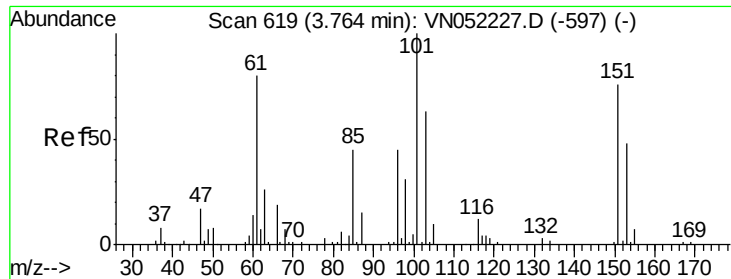


#8

Diethyl Ether
 Concen: 47.077 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion: 74 Resp: 89834
 Ion Ratio Lower Upper
 74 100
 45 112.1 55.5 166.7

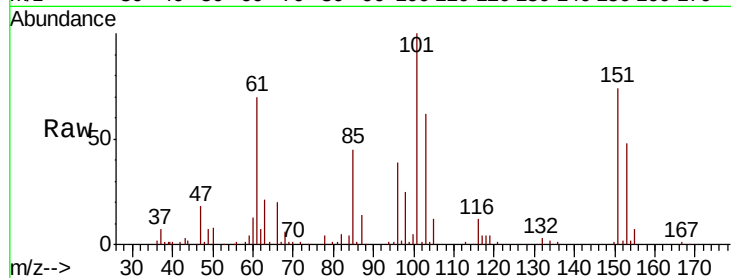




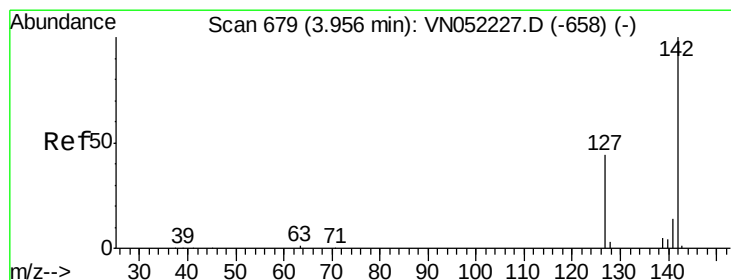
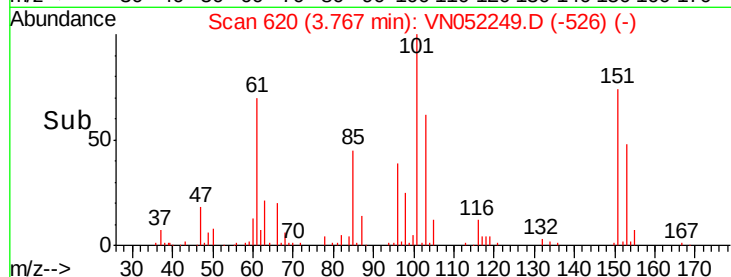
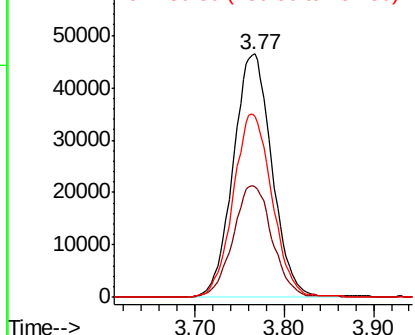
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.016 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 140091
 Ion Ratio Lower Upper
 101 100
 85 46.4 36.2 54.4
 151 75.5 59.2 88.8

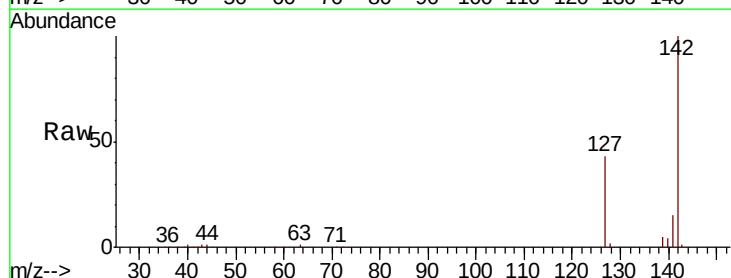


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

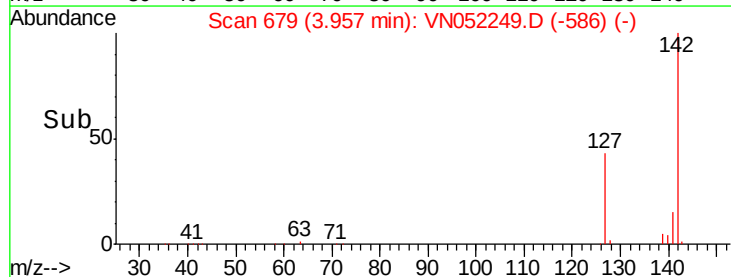
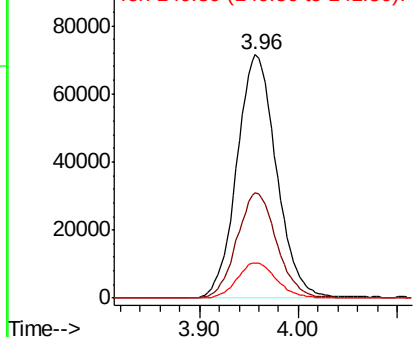


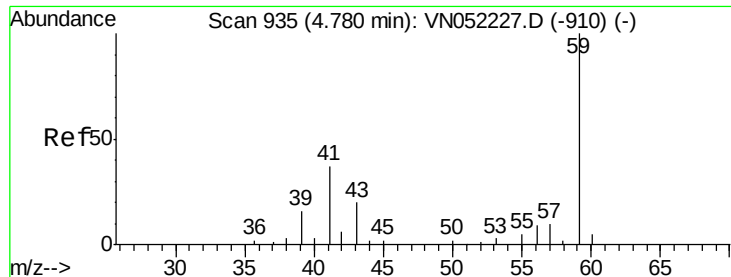
#10
 Methyl Iodide
 Concen: 49.202 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion:142 Resp: 198667
 Ion Ratio Lower Upper
 142 100
 127 43.5 35.3 52.9
 141 14.5 11.8 17.6



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: 203.263 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

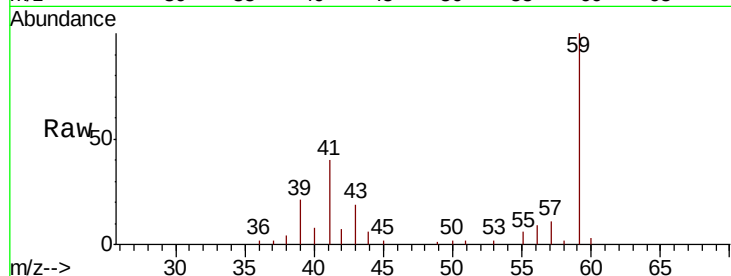
VSTDCCC050EC

Tot Ion: 59 Resp: 39262

Ion Ratio Lower Upper

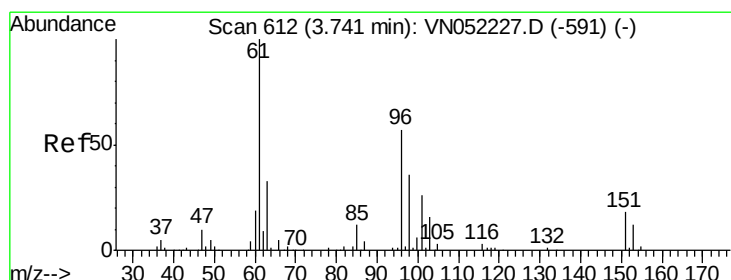
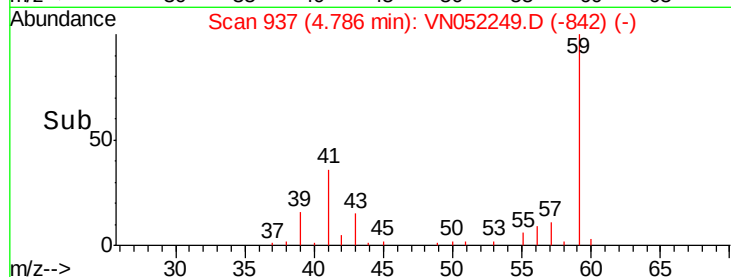
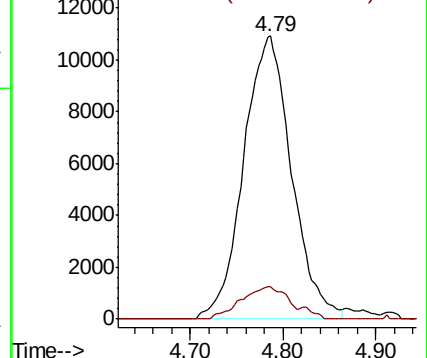
59 100

57 10.8 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 47.208 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

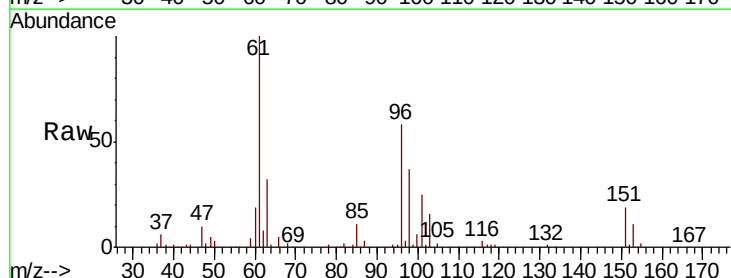
Tgt Ion: 96 Resp: 135989

Ion Ratio Lower Upper

96 100

61 171.3 141.1 211.7

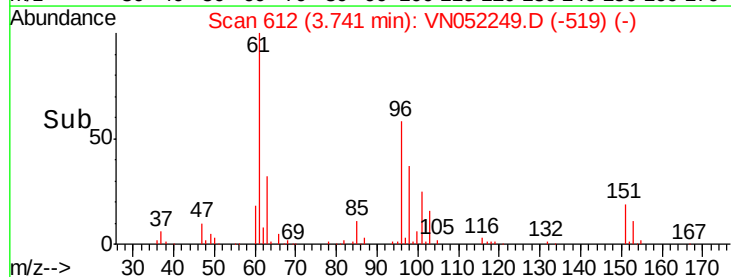
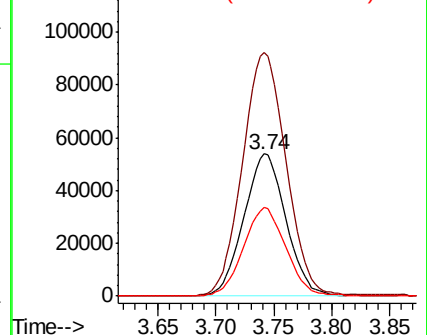
98 62.7 50.3 75.5

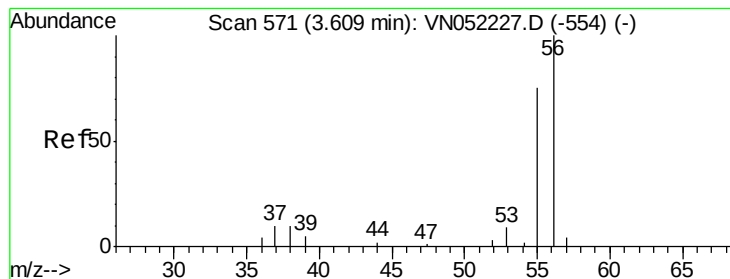


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 247.372 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

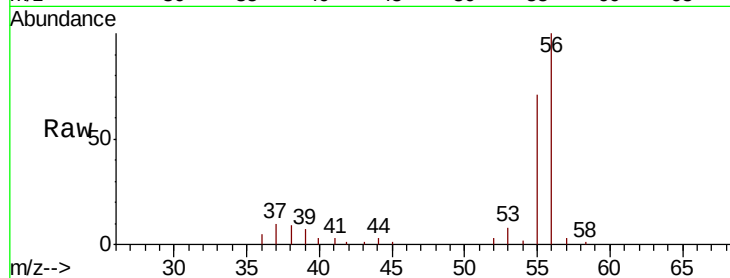
VSTDCCC050EC

Tot Ion: 56 Resp: 74027

Ion Ratio Lower Upper

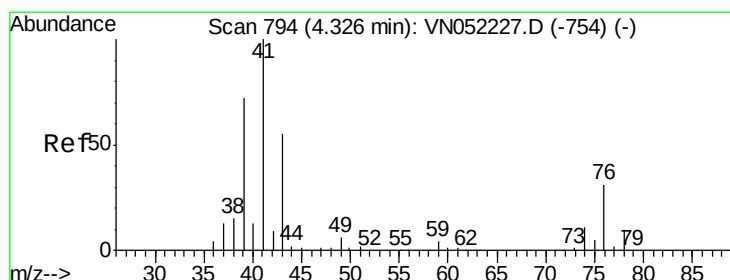
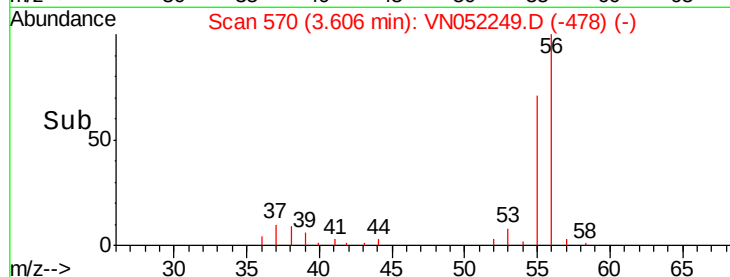
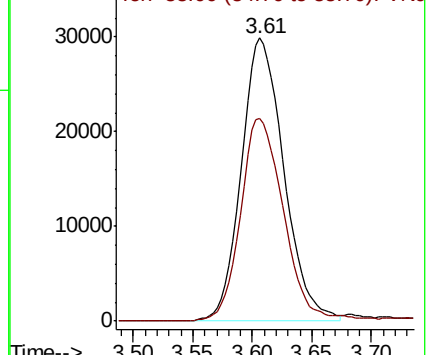
56 100

55 72.7 59.9 89.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.068 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

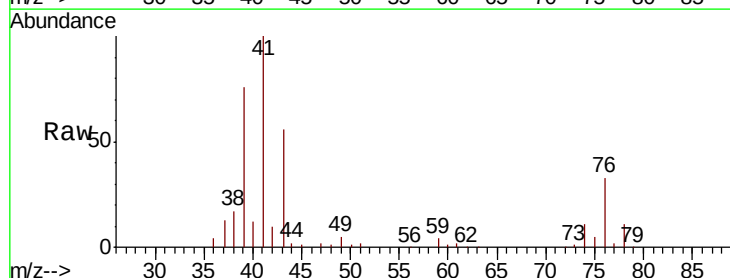
Tgt Ion: 41 Resp: 277833

Ion Ratio Lower Upper

41 100

39 72.1 55.1 82.7

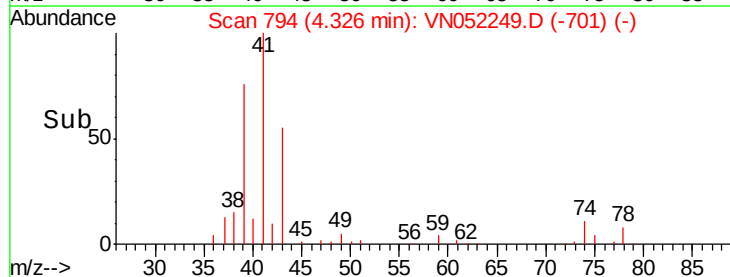
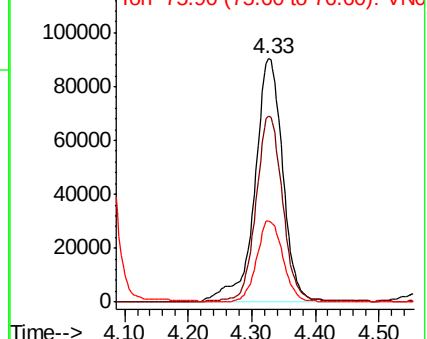
76 30.7 23.6 35.4

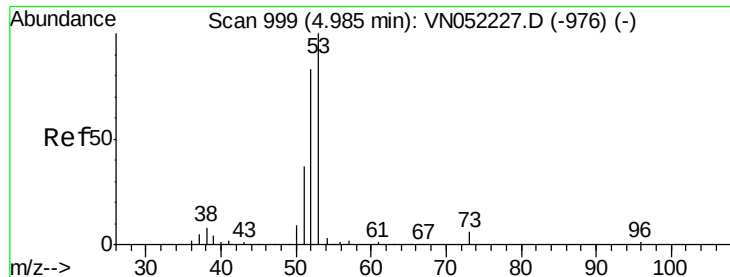


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 248.214 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

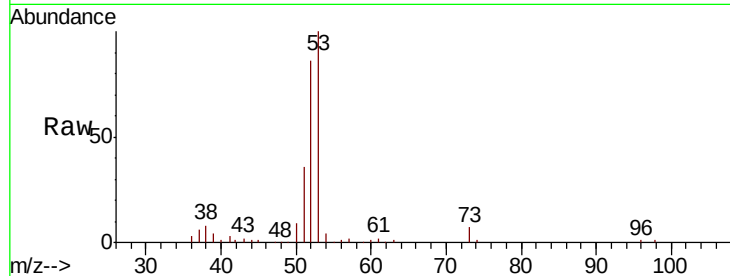
Tot Ion: 53 Resp: 294677

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

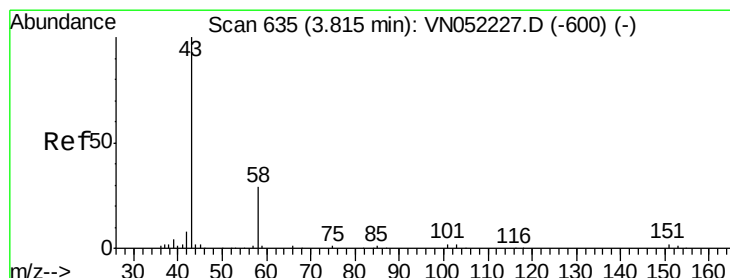
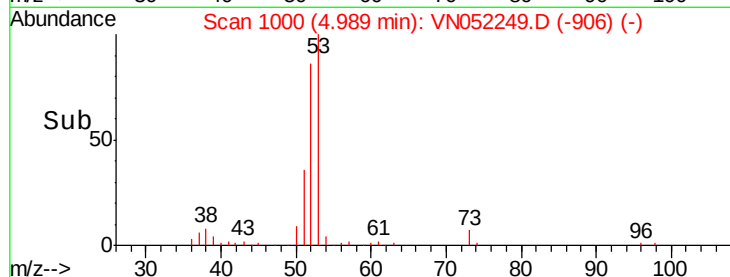
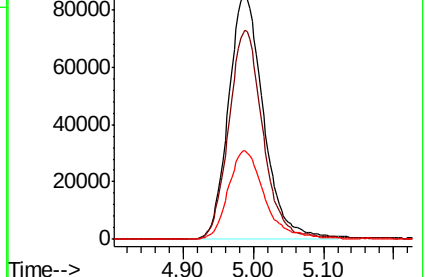
51 37.7 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN052227.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN052227.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN052227.D (-976) (-)



#16

Acetone

Concen: 223.228 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052249.D

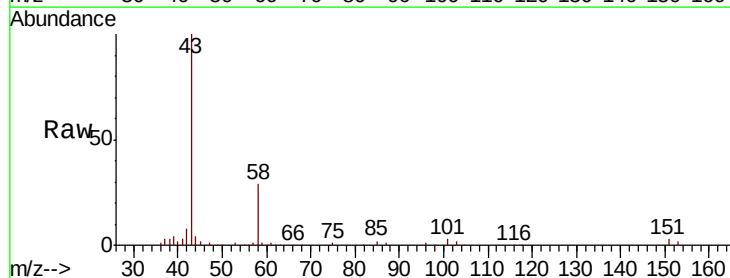
Acq: 10 Nov 2018 1:10

Tgt Ion: 43 Resp: 211603

Ion Ratio Lower Upper

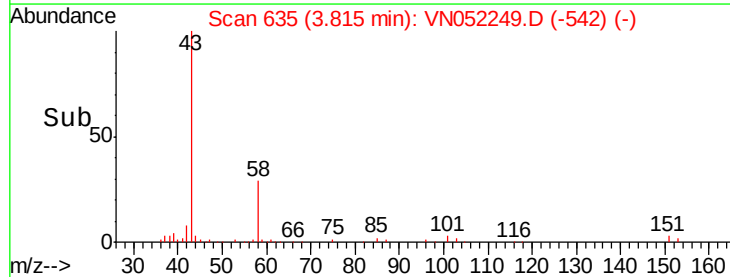
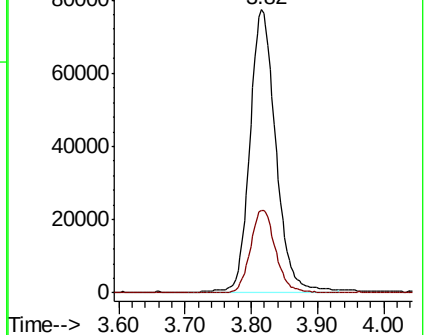
43 100

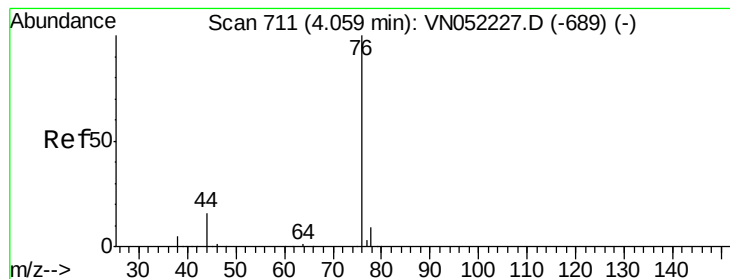
58 29.0 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN052227.D (-600) (-)





#17

Carbon Disulfide

Concen: 47.389 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

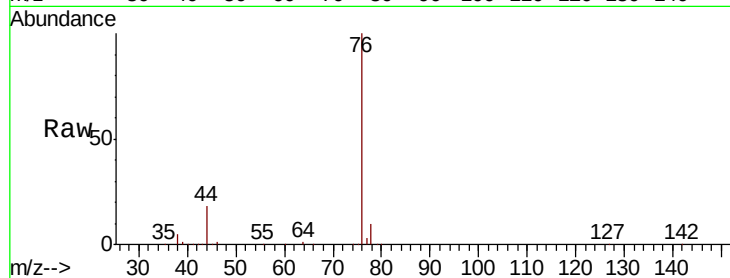
VSTDCCC050EC

Tot Ion: 76 Resp: 395991

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN052227.D (-689) (-)

Ion 77.90 (77.60 to 78.60): VN052227.D (-689) (-)

4.06

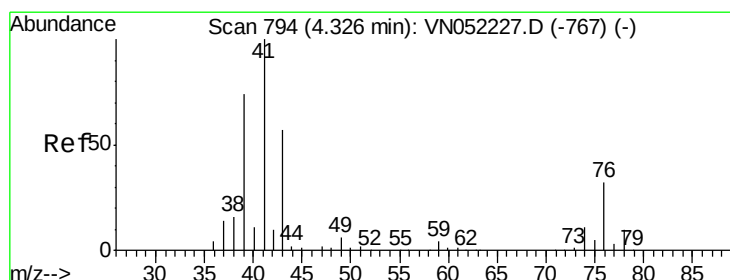
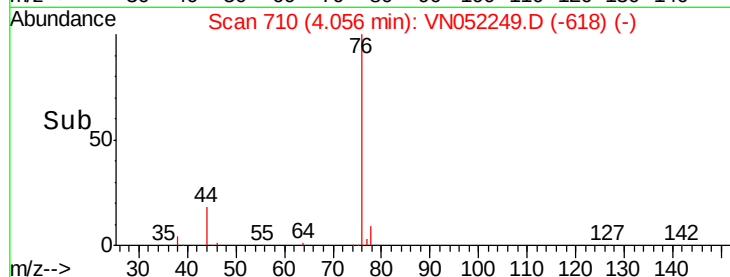
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.450 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052249.D

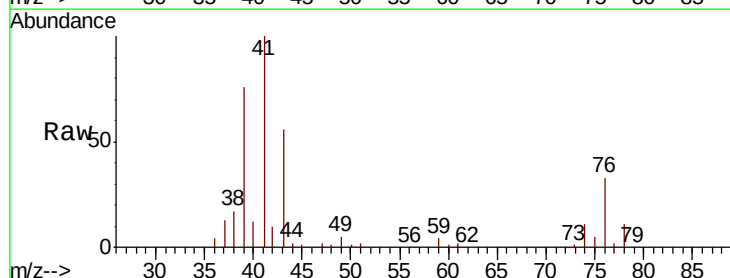
Acq: 10 Nov 2018 1:10

Tgt Ion: 43 Resp: 146260

Ion Ratio Lower Upper

43 100

74 20.3 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-767) (-)

Ion 74.00 (73.70 to 74.70): VN052227.D (-767) (-)

4.33

60000

50000

40000

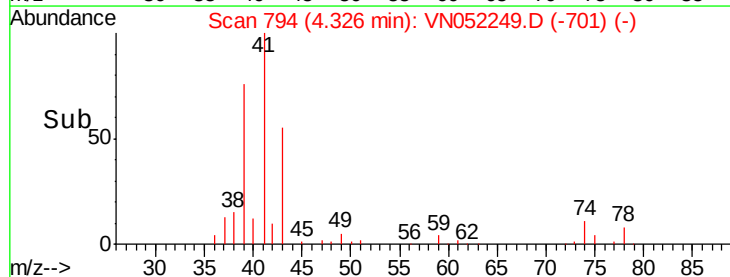
30000

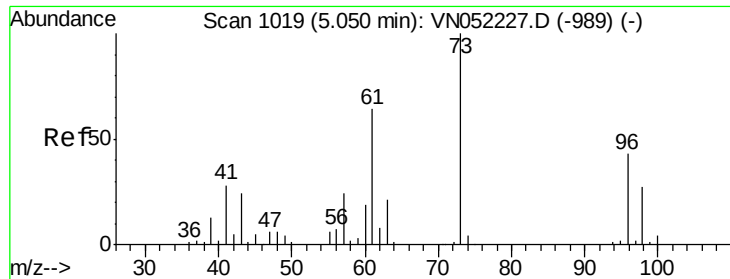
20000

10000

0

Time-->

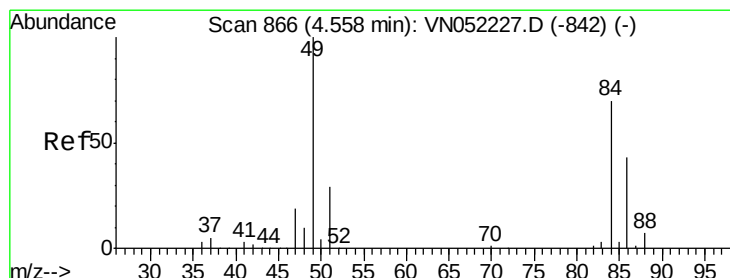
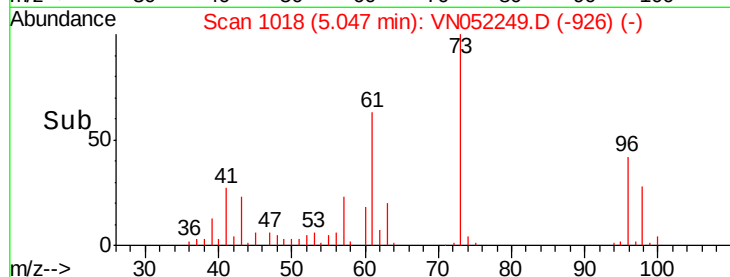
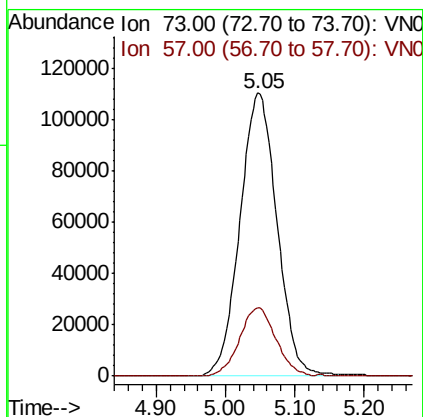
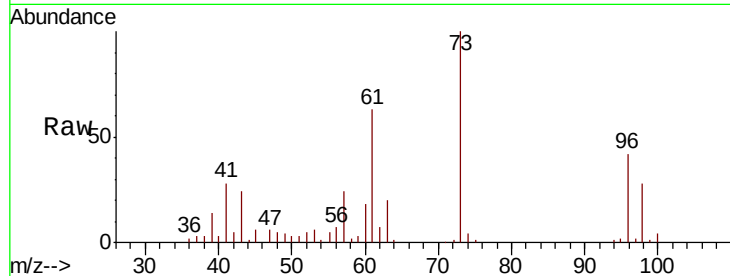




#19
Methyl tert-butyl Ether
Concen: 49.856 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

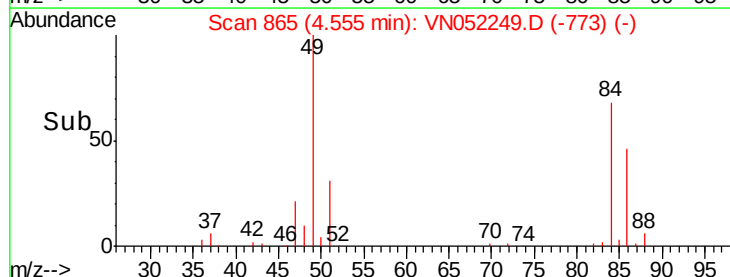
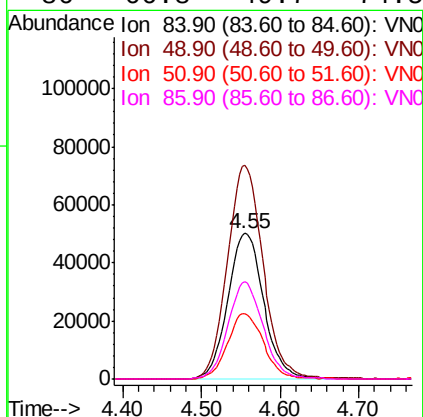
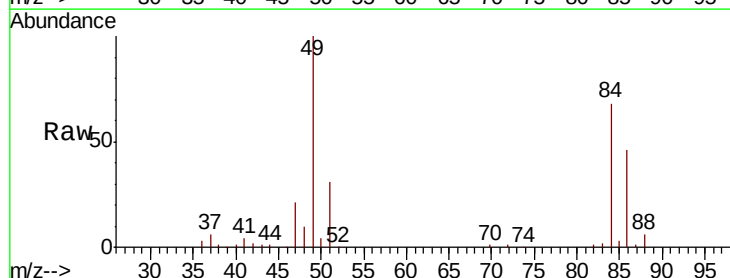
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

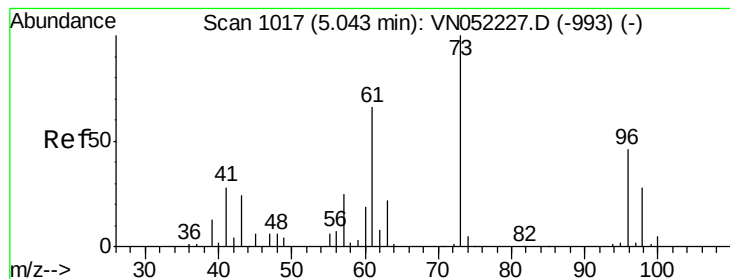
Tot Ion: 73 Resp: 410310
Ion Ratio Lower Upper
73 100
57 24.1 19.1 28.7



#20
Methylene Chloride
Concen: 46.518 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 84 Resp: 159799
Ion Ratio Lower Upper
84 100
49 146.2 114.8 172.2
51 44.8 33.1 49.7
86 66.8 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.464 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

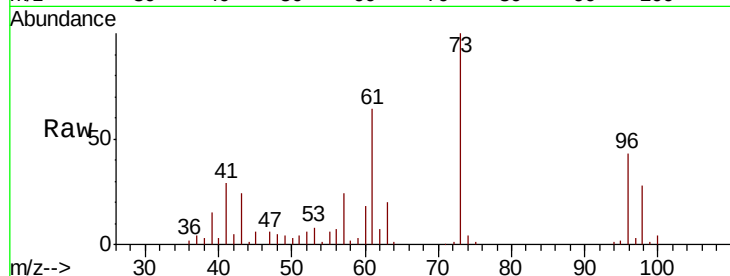
Tot Ion: 96 Resp: 148596

Ion Ratio Lower Upper

96 100

61 149.3 115.3 172.9

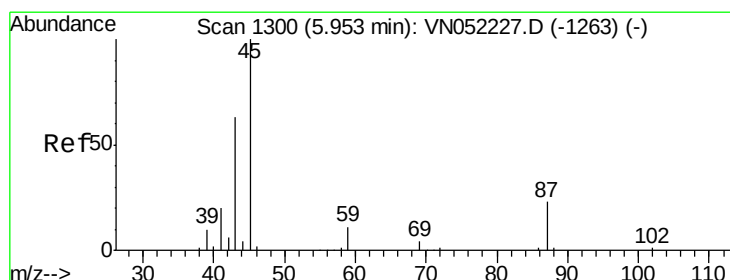
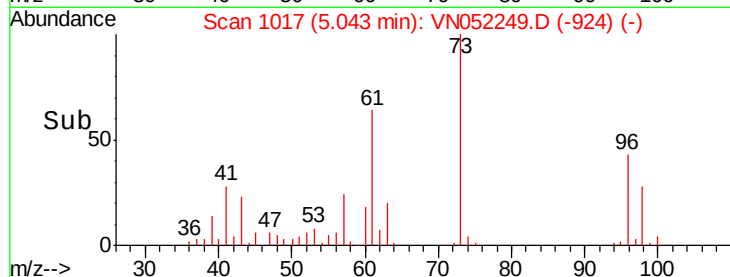
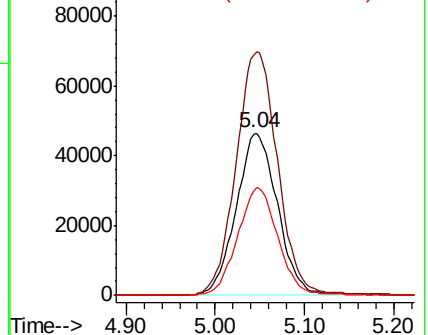
98 65.1 49.5 74.3



Abundance Ion 95.90 (95.60 to 96.60): VN052249.D (-1207) (-)

Ion 60.90 (60.60 to 61.60): VN052249.D (-1207) (-)

Ion 97.90 (97.60 to 98.60): VN052249.D (-1207) (-)



#22

Diisopropyl ether

Concen: 49.214 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Tgt Ion: 45 Resp: 594999

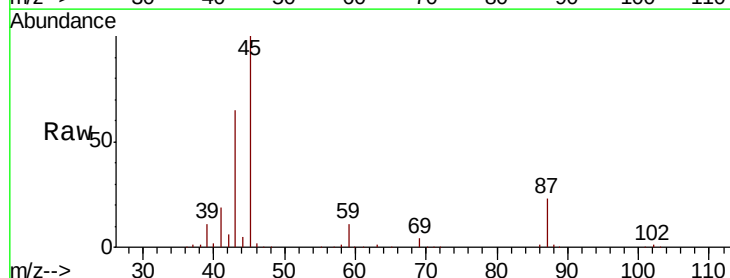
Ion Ratio Lower Upper

45 100

43 64.6 50.6 76.0

87 22.6 19.0 28.4

59 10.6 8.6 13.0

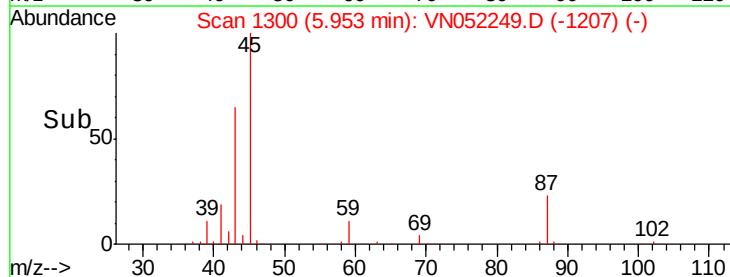
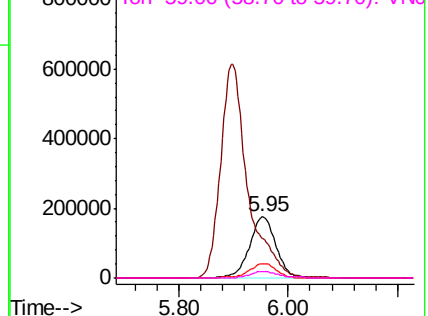


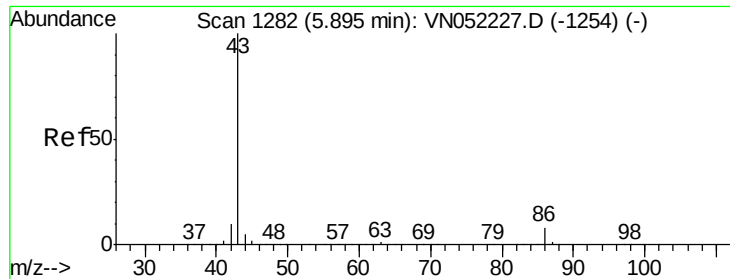
Abundance Ion 45.00 (44.70 to 45.70): VN052249.D (-1207) (-)

Ion 43.00 (42.70 to 43.70): VN052249.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN052249.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN052249.D (-1207) (-)

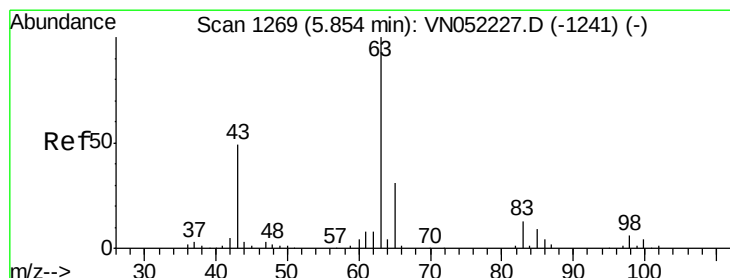
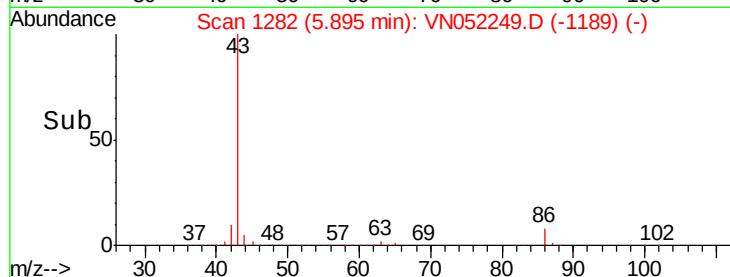
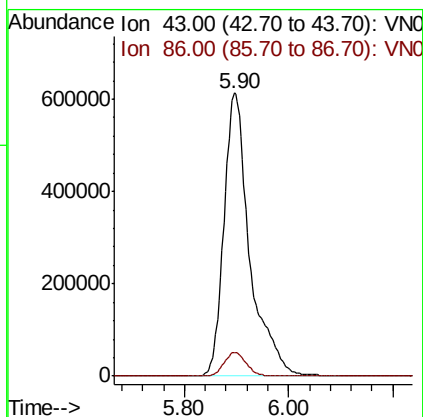
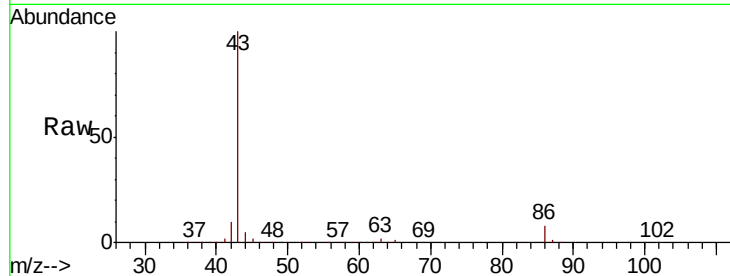




#23
 Vinyl Acetate
 Concen: 254.796 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

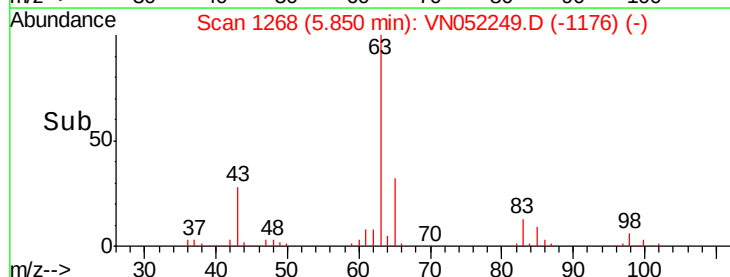
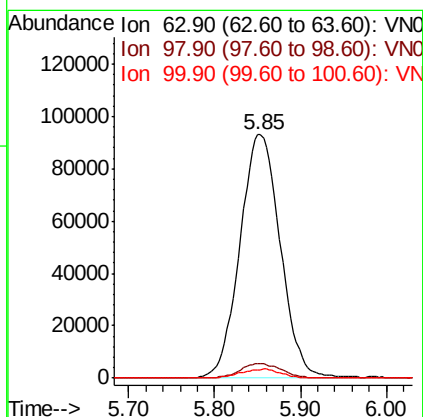
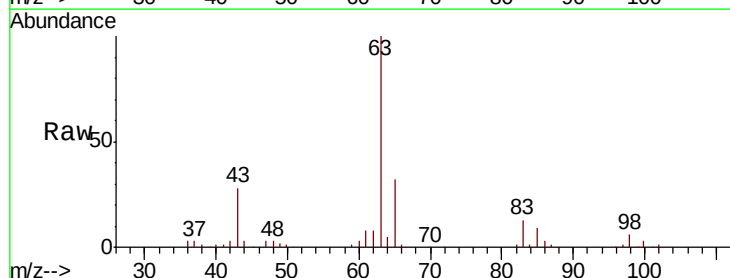
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

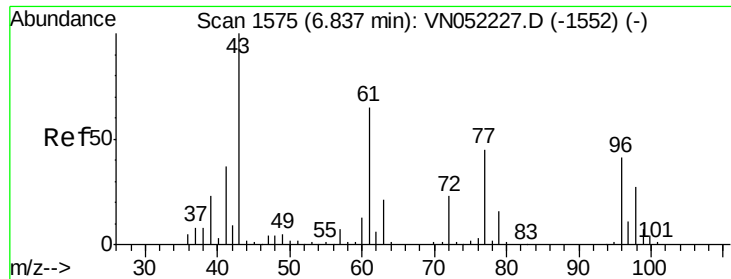
Tot Ion: 43 Resp: 2113740
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 47.496 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion: 63 Resp: 303295
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.6
 100 3.3 2.1 6.2

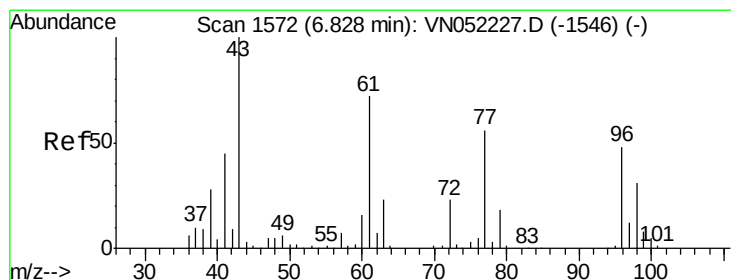
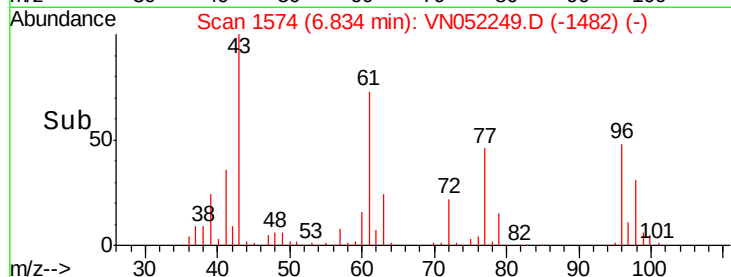
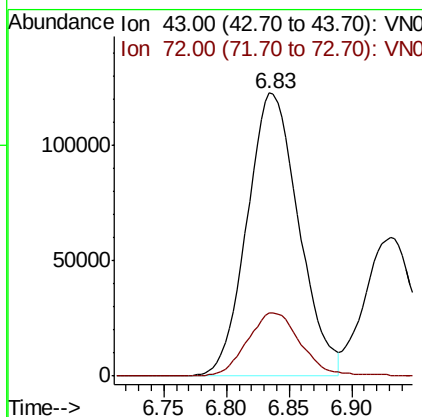
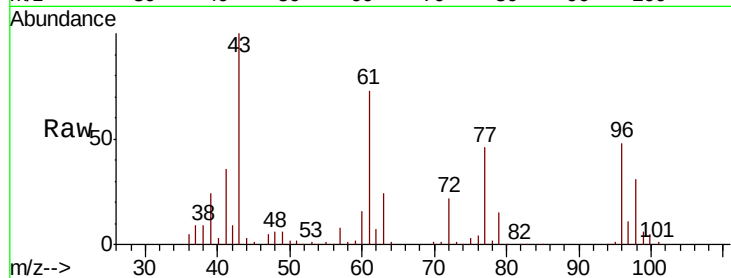




#25
2-Butanone
Concen: 217.675 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

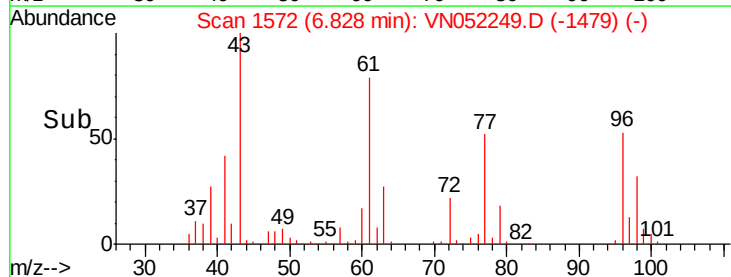
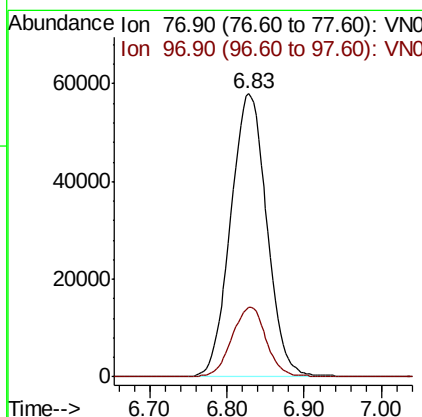
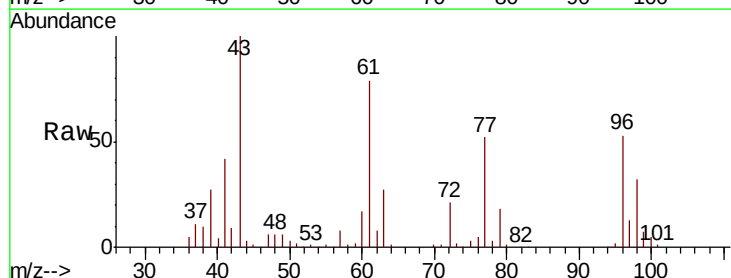
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

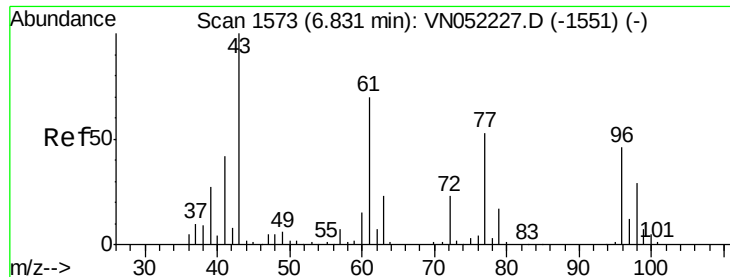
Tot Ion: 43 Resp: 349913
Ion Ratio Lower Upper
43 100
72 22.4 18.6 27.8



#26
2,2-Dichloropropane
Concen: 40.431 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 77 Resp: 188566
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 48.836 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

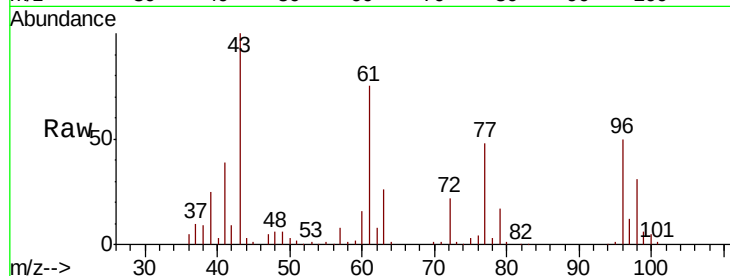
Tot Ion: 96 Resp: 171142

Ion Ratio Lower Upper

96 100

61 154.0 0.0 313.4

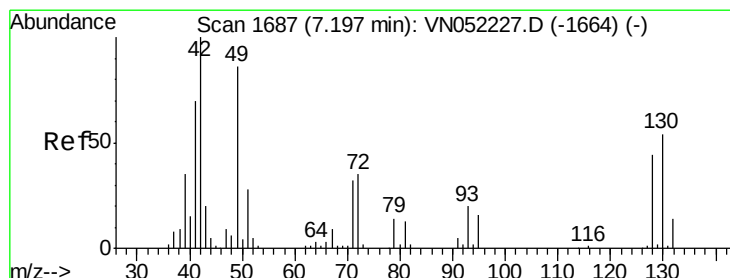
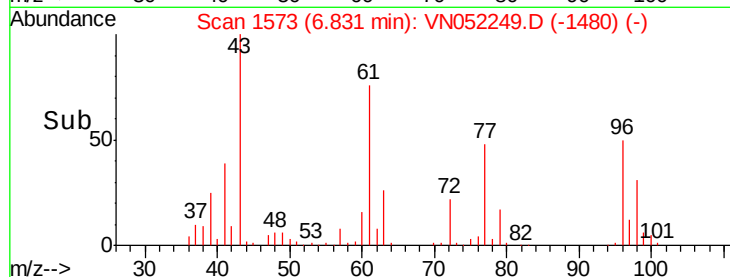
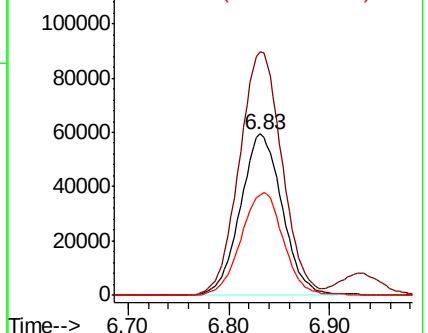
98 64.2 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN052227.D (-1551) (-)

Ion 60.90 (60.60 to 61.60): VN052227.D (-1551) (-)

Ion 97.90 (97.60 to 98.60): VN052227.D (-1551) (-)



#28

Bromochloromethane

Concen: 50.542 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

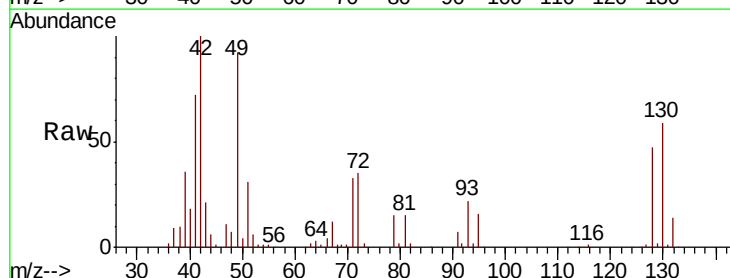
Tgt Ion: 49 Resp: 159477

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

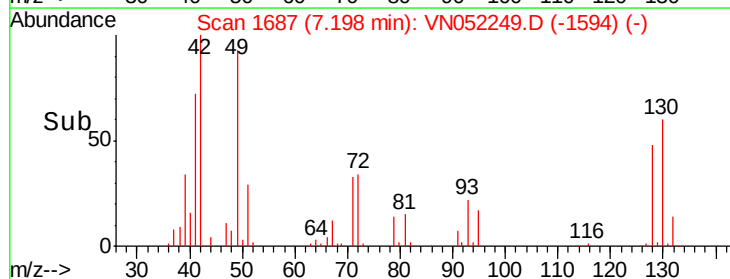
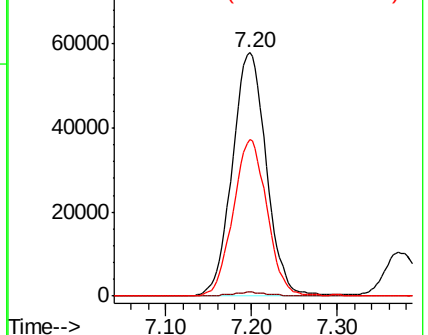
130 63.7 51.4 77.2

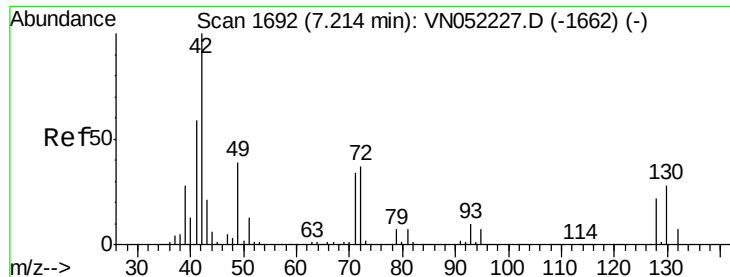


Abundance Ion 48.90 (48.60 to 49.60): VN052227.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN052227.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN052227.D (-1664) (-)

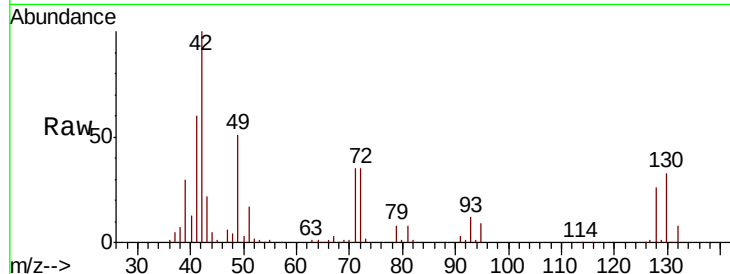




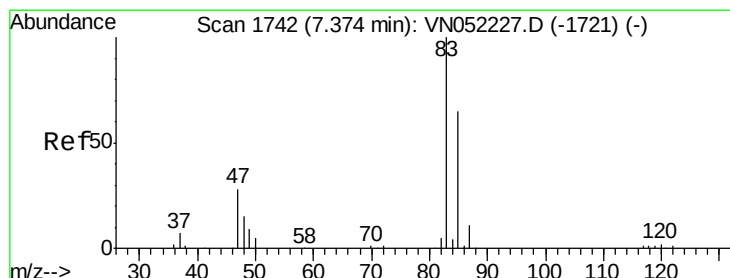
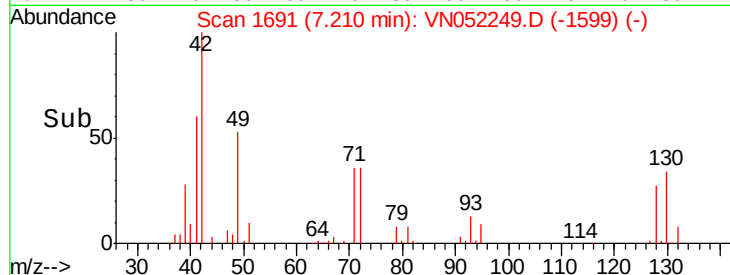
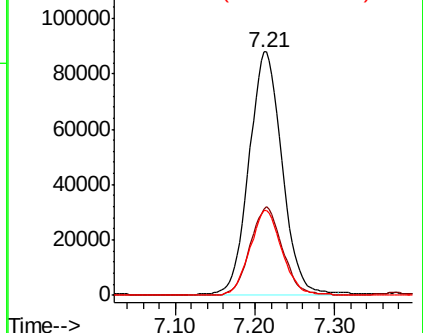
#29
Tetrahydrofuran
Concen: 239.071 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 250112
Ion Ratio Lower Upper
42 100
72 35.4 28.6 43.0
71 33.9 27.1 40.7

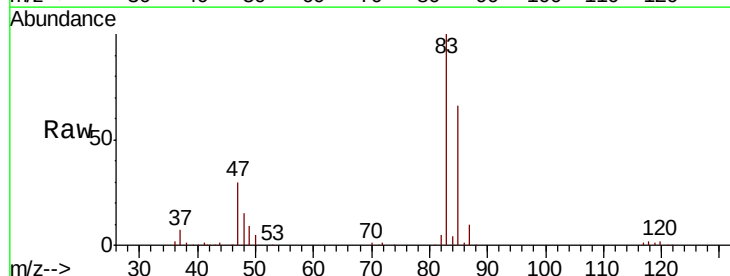


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

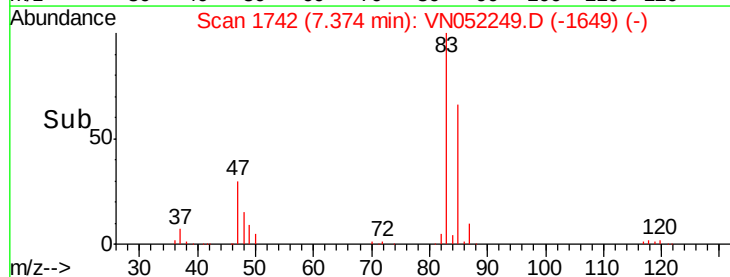
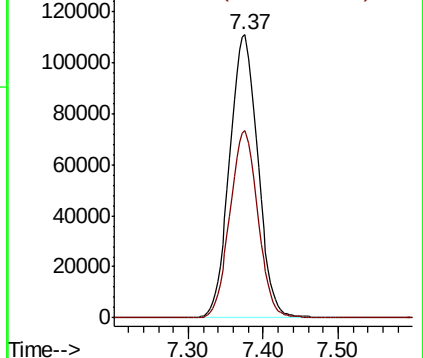


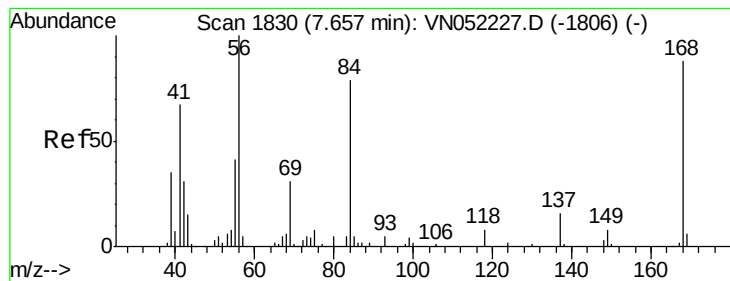
#30
Chloroform
Concen: 48.332 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 83 Resp: 292092
Ion Ratio Lower Upper
83 100
85 66.1 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 48.223 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

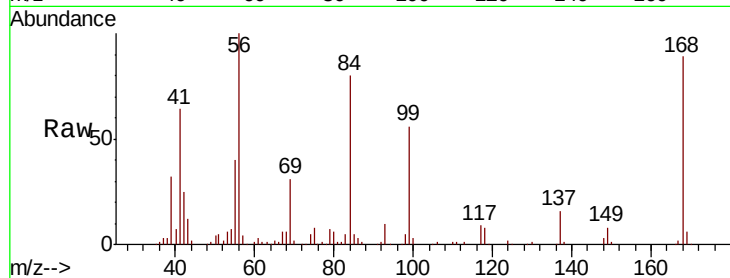
Tot Ion: 56 Resp: 284985

Ion Ratio Lower Upper

56 100

69 30.5 24.8 37.2

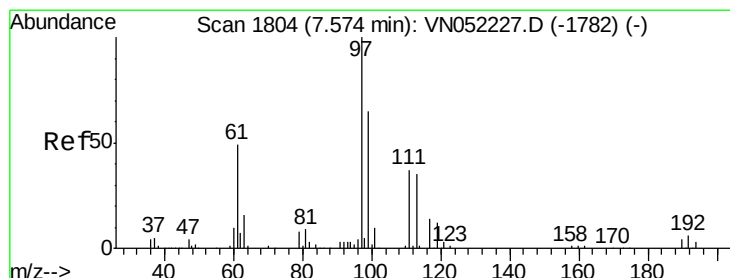
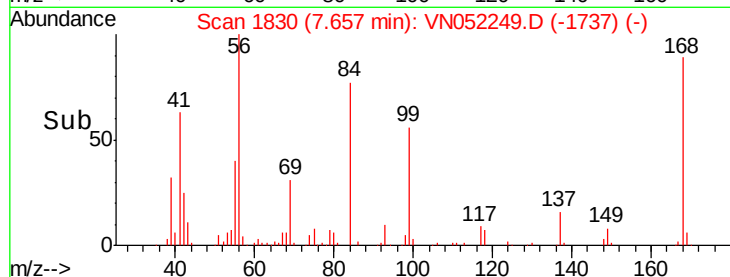
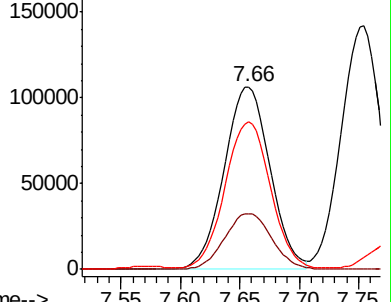
84 79.0 63.1 94.7



Abundance Ion 56.00 (55.70 to 56.70): VN052227.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN052227.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN052227.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 49.339 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

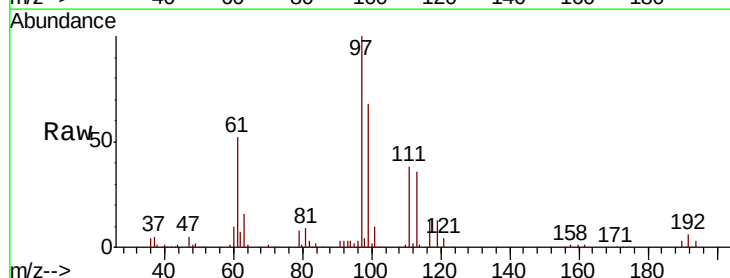
Tgt Ion: 97 Resp: 243039

Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

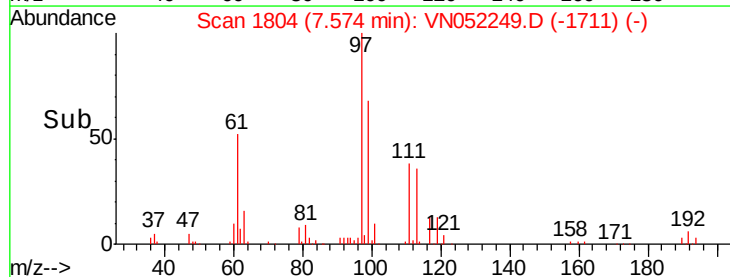
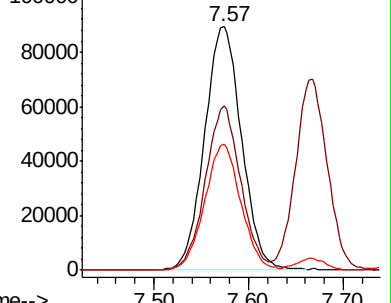
61 50.5 40.2 60.4

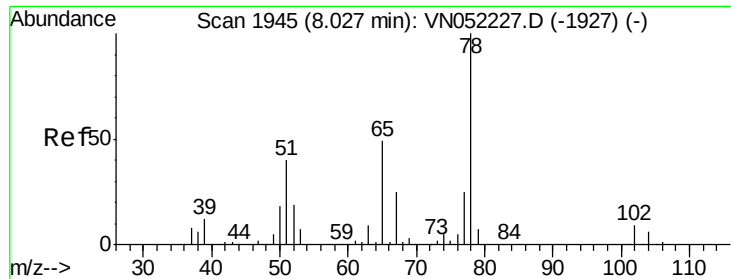


Abundance Ion 96.90 (96.60 to 97.60): VN052227.D (-1782) (-)

Ion 98.90 (98.60 to 99.60): VN052227.D (-1782) (-)

Ion 60.90 (60.60 to 61.60): VN052227.D (-1782) (-)

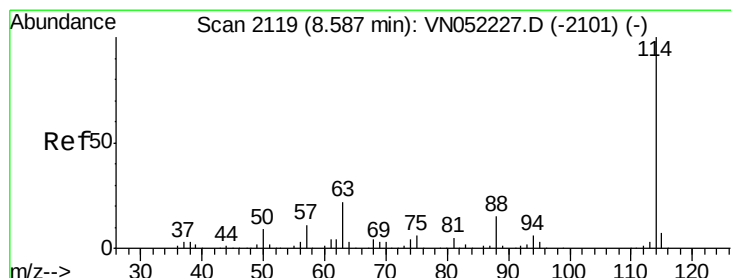
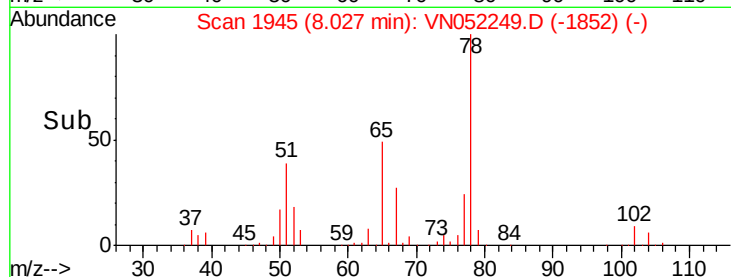
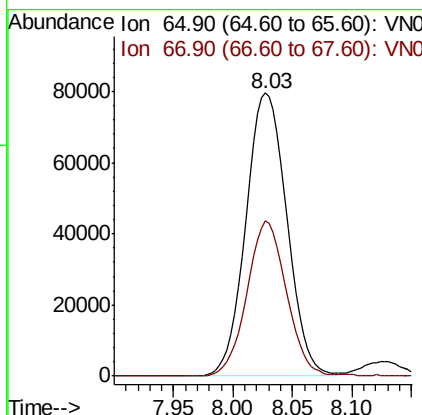
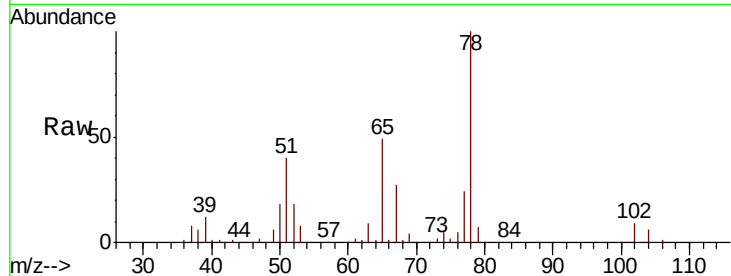




#33
 1,2-Dichloroethane-d4
 Concen: 49.339 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

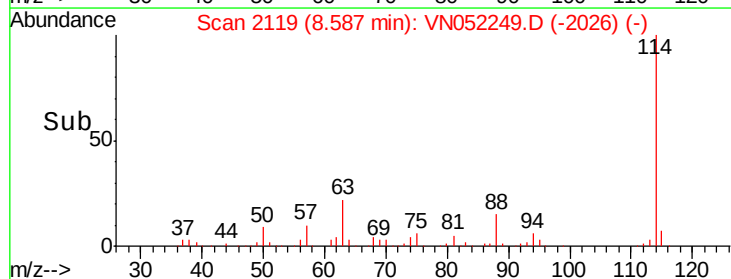
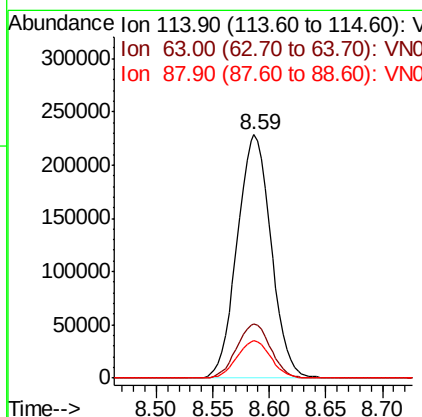
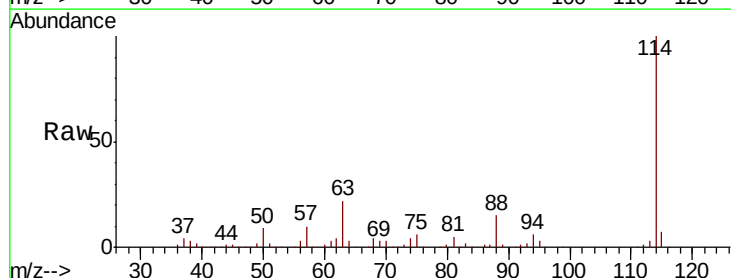
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

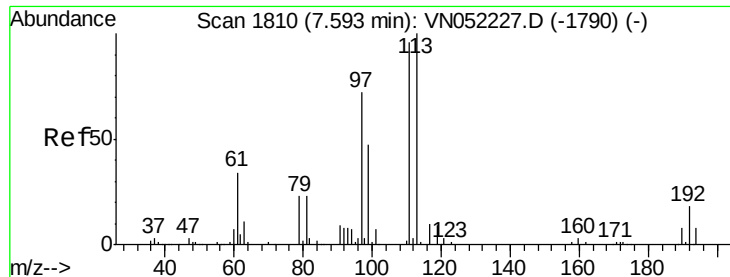
Tot Ion: 65 Resp: 190241
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion: 114 Resp: 476911
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 15.4 0.0 30.2

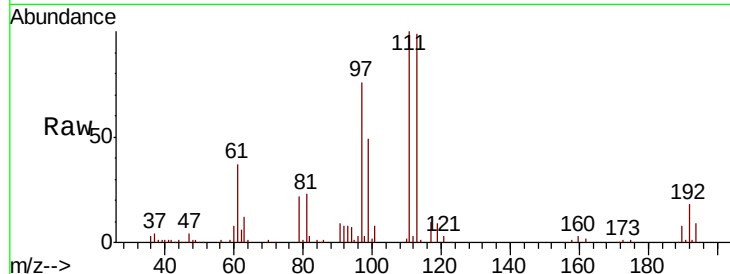




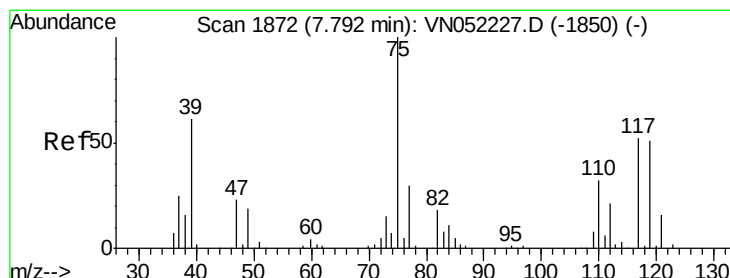
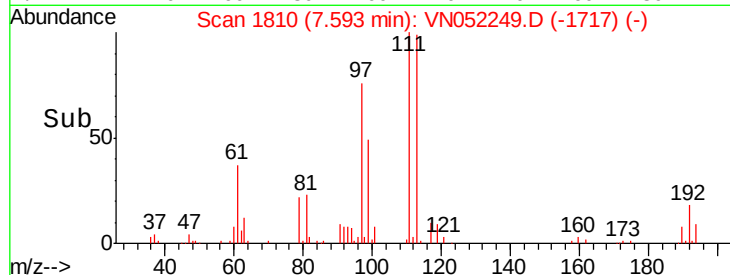
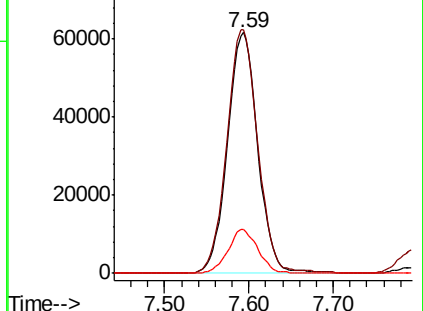
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 153914
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.2 120.4
 192 17.9 14.1 21.1

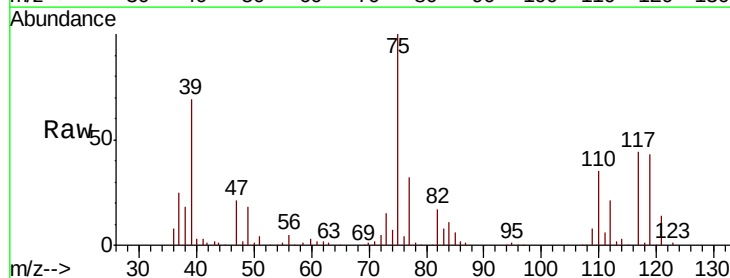


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

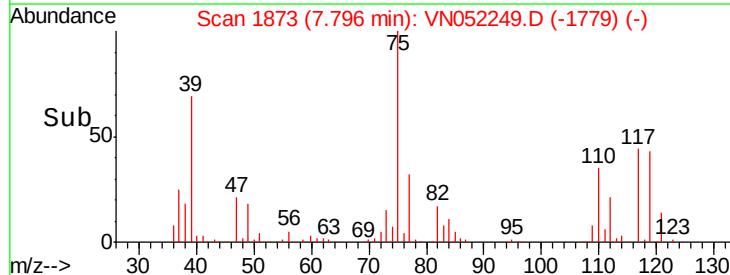
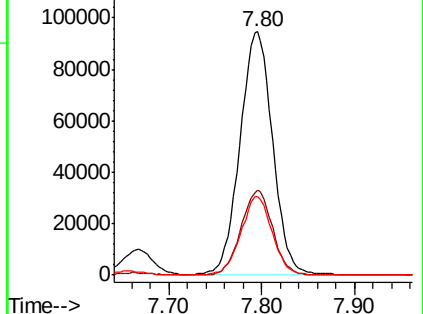


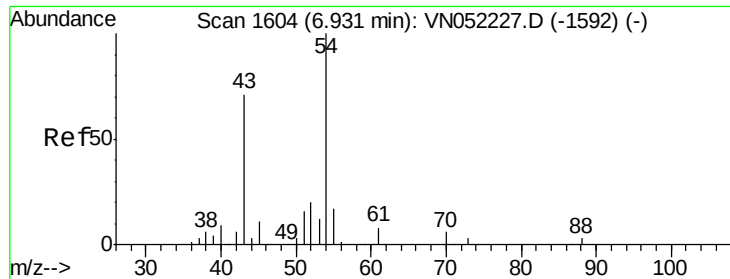
#36
 1,1-Dichloropropene
 Concen: 47.767 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion: 75 Resp: 229937
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.4 49.4
 77 31.2 23.9 35.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

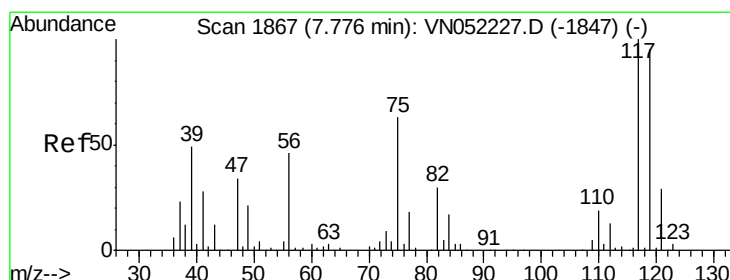
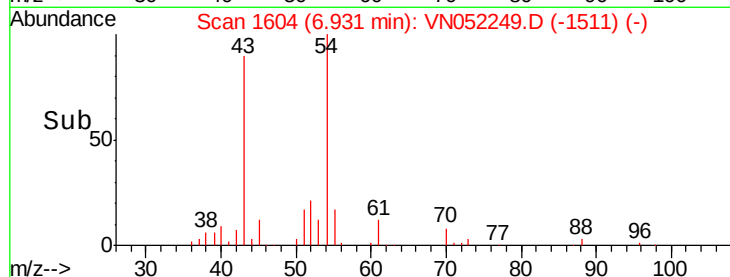
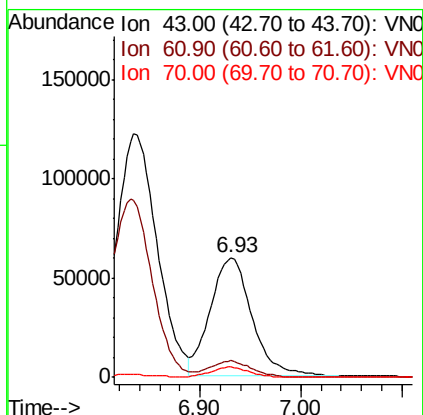
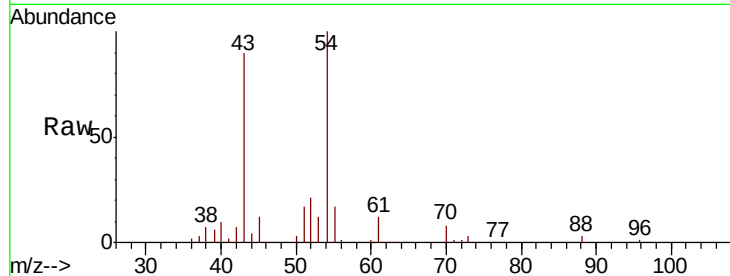




#37
Ethyl Acetate
Concen: 47.066 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

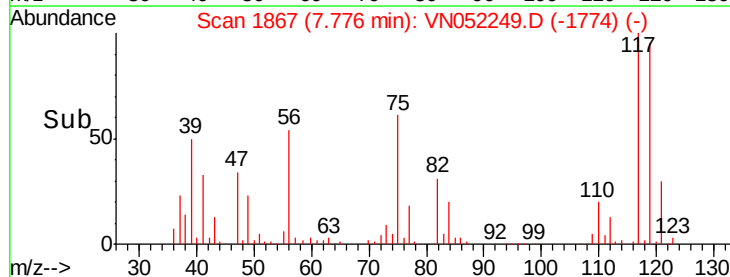
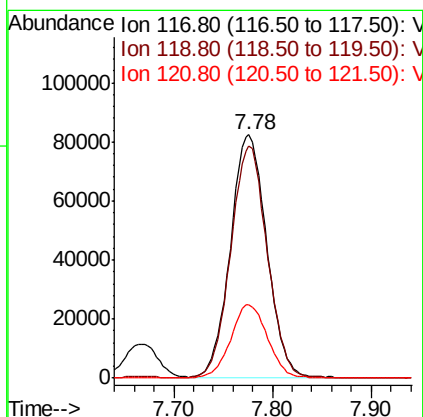
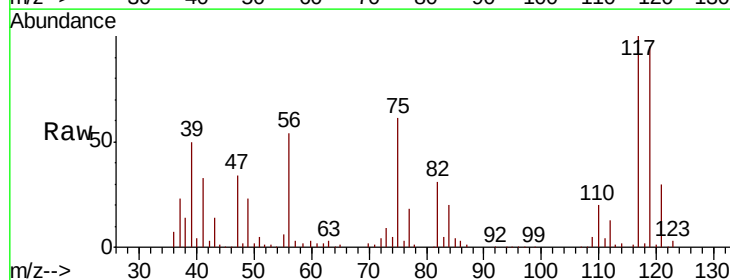
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

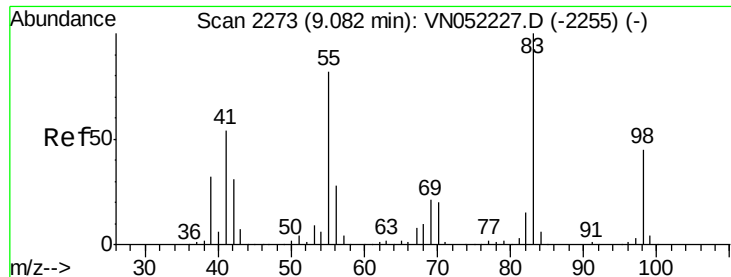
Tot Ion: 43 Resp: 170403
Ion Ratio Lower Upper
43 100
61 13.4 10.0 15.0
70 8.4 6.9 10.3



#38
Carbon Tetrachloride
Concen: 48.242 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 117 Resp: 210447
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
121 30.2 23.4 35.2

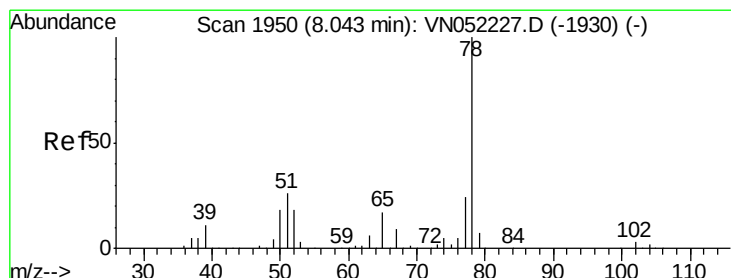
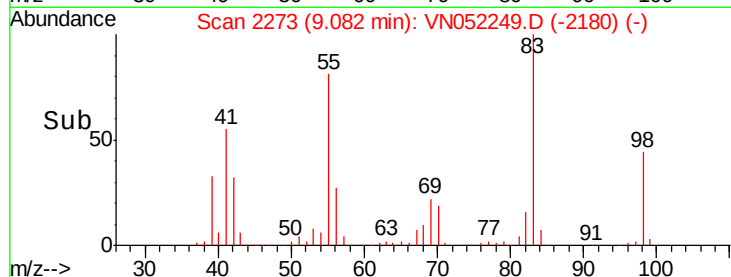
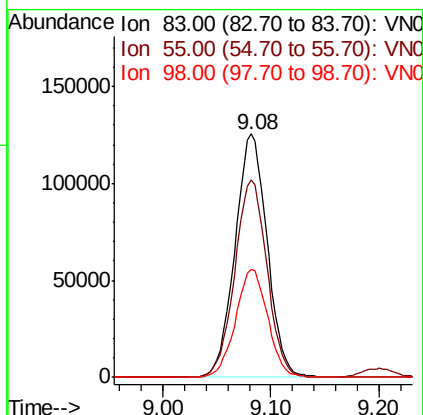
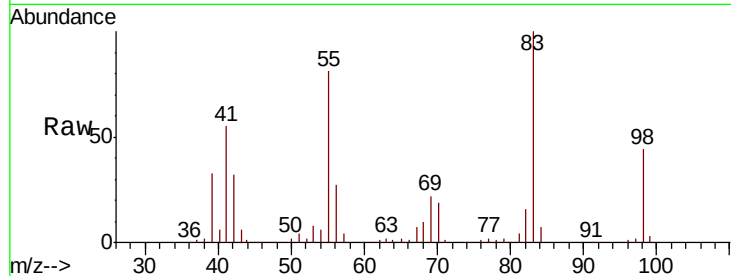




#39
Methylvlcyclohexane
Concen: 47.472 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

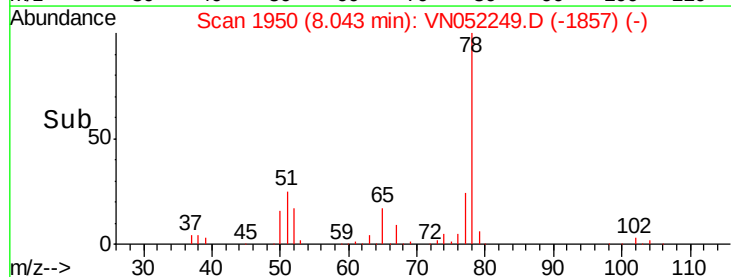
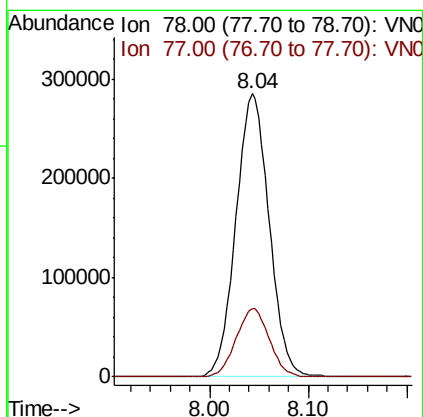
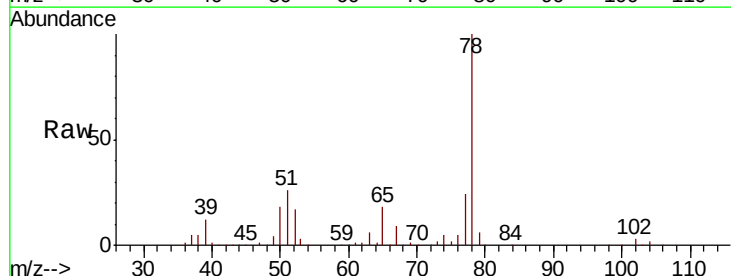
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

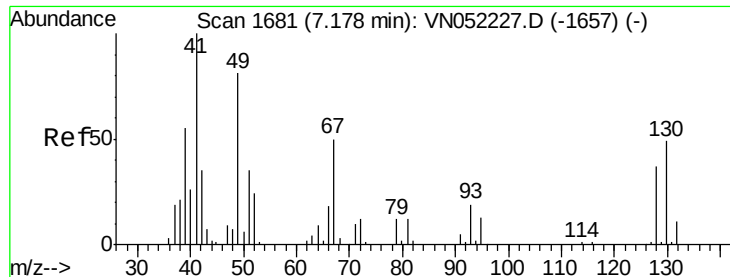
Tot Ion: 83 Resp: 260647
Ion Ratio Lower Upper
83 100
55 81.0 65.2 97.8
98 44.5 36.3 54.5



#40
Benzene
Concen: 48.370 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 78 Resp: 666638
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8

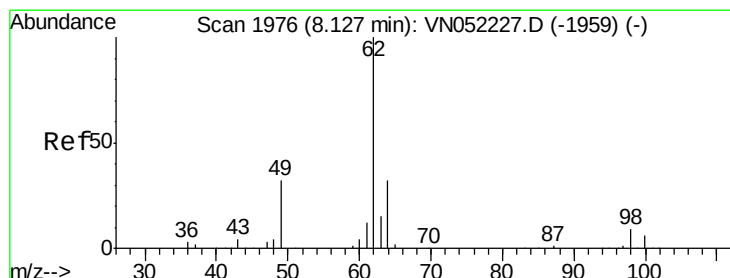
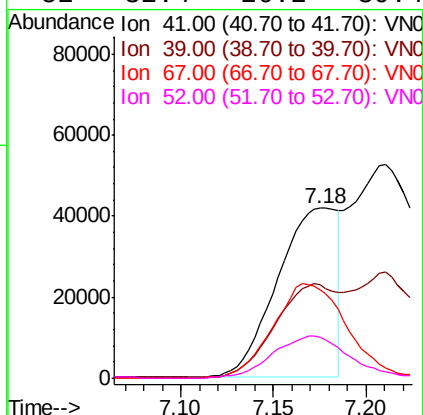
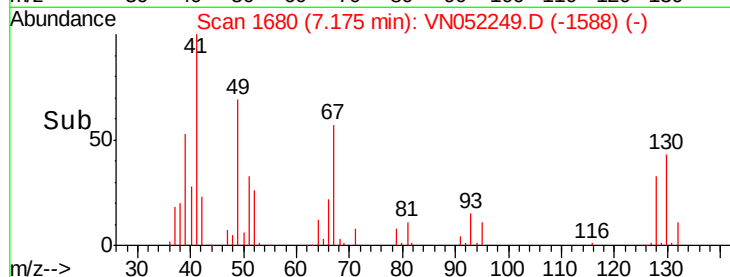
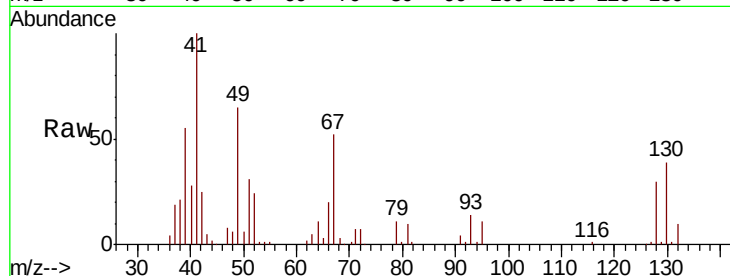




#41
Methacrylonitrile
Concen: 44.763 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

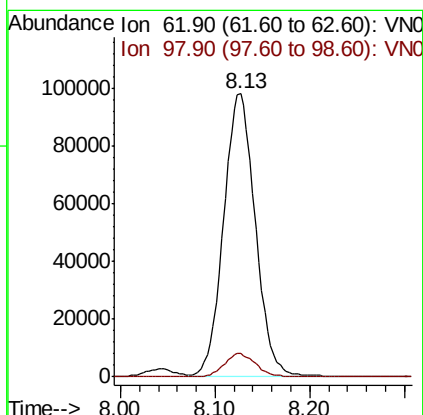
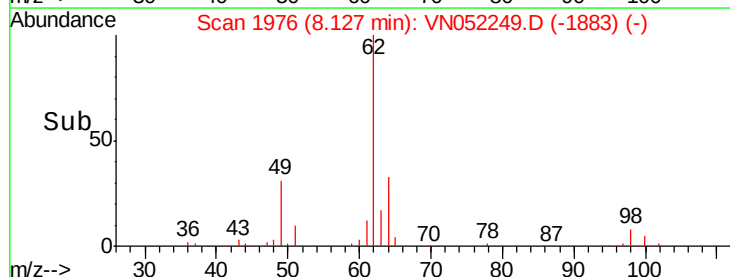
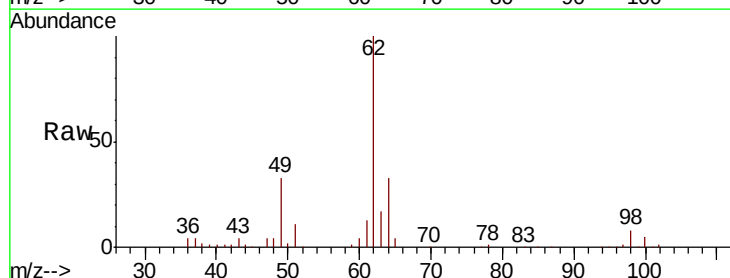
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

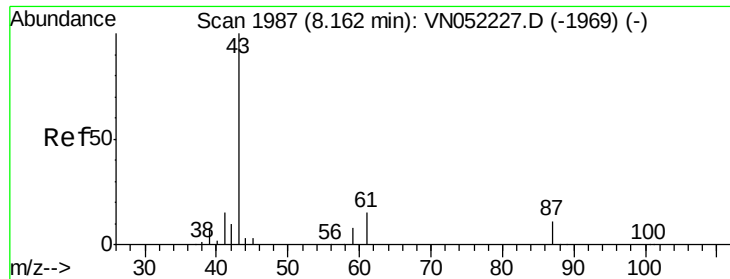
Tot Ion: 41 Resp: 94172
Ion Ratio Lower Upper
41 100
39 55.4 47.8 71.6
67 69.5 54.3 81.5
52 32.4 26.2 39.4



#42
1,2-Dichloroethane
Concen: 47.133 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 62 Resp: 227916
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.4





#43

Isopropyl Acetate

Concen: 49.762 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

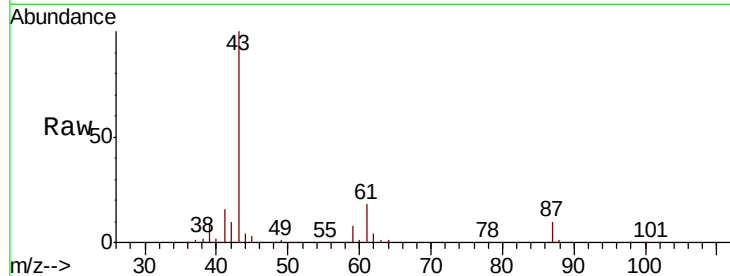
Tot Ion: 43 Resp: 314036

Ion Ratio Lower Upper

43 100

61 17.4 14.2 21.4

87 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN052227.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN052227.D (-1969) (-)

8.17

150000

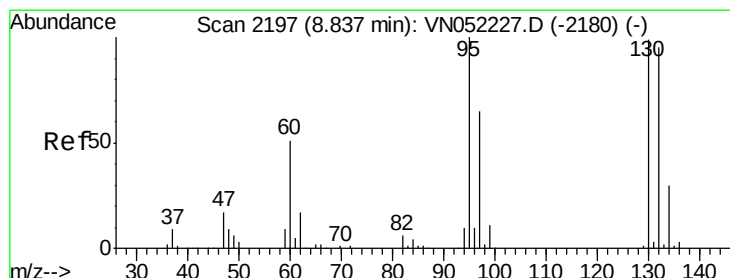
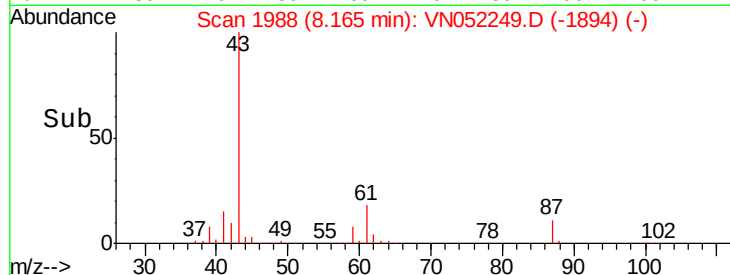
100000

50000

0

8.10 8.20 8.30

Time-->



#44

Trichloroethene

Concen: 46.987 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052249.D

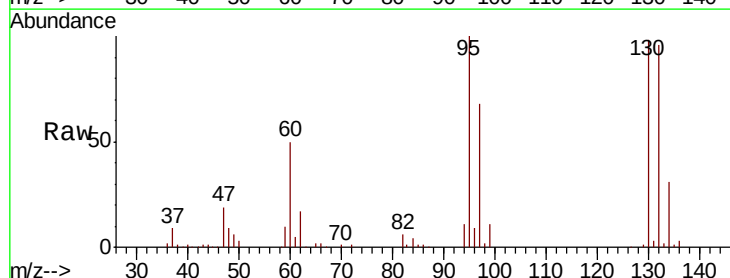
Acq: 10 Nov 2018 1:10

Tgt Ion: 130 Resp: 162276

Ion Ratio Lower Upper

130 100

95 101.8 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN052227.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN052227.D (-2180) (-)

8.84

80000

60000

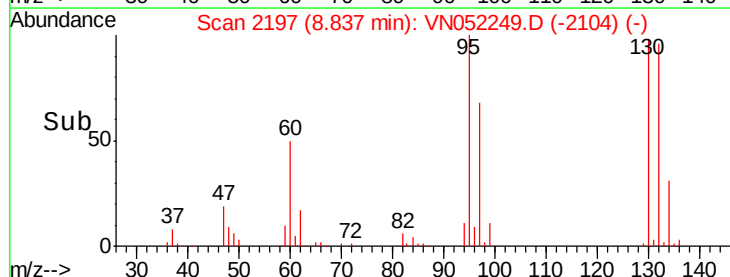
40000

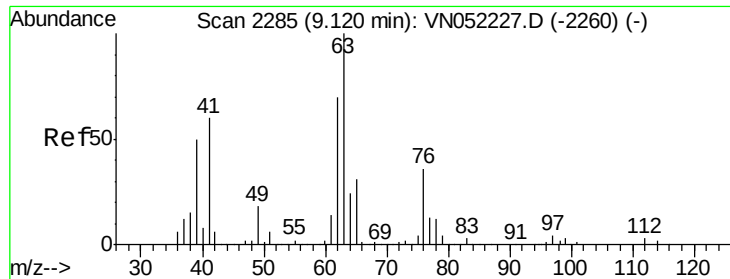
20000

0

8.75 8.80 8.85 8.90

Time-->

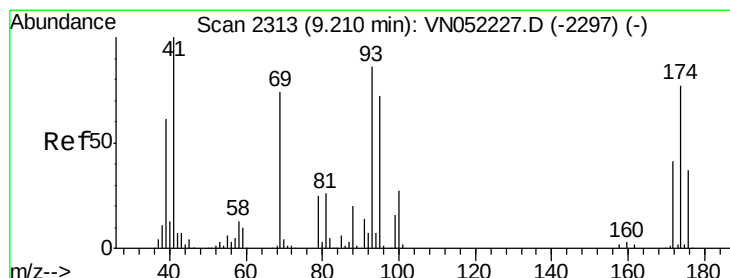
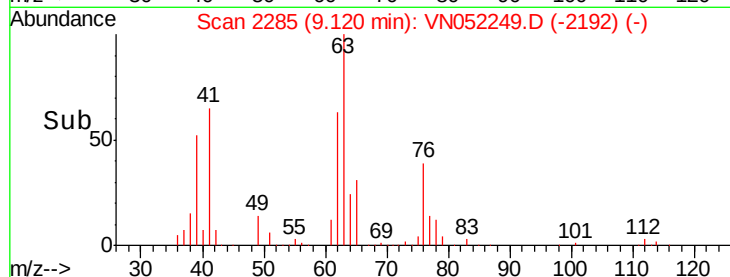
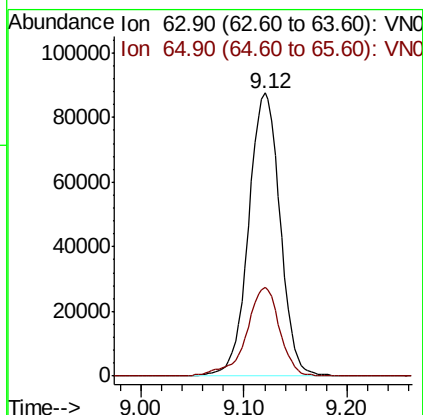
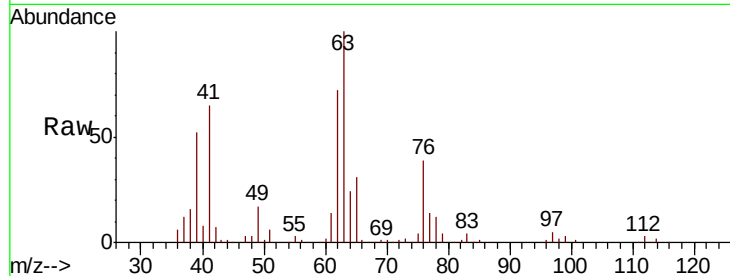




#45
 1,2-Dichloropropane
 Concen: 48.160 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

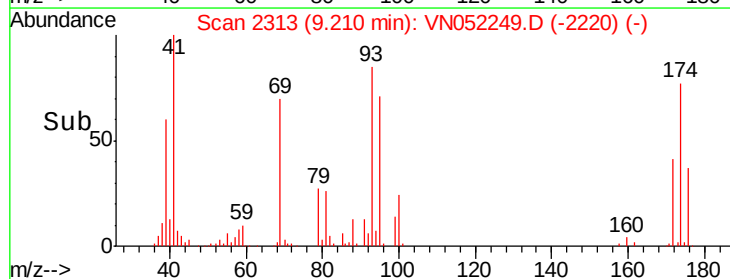
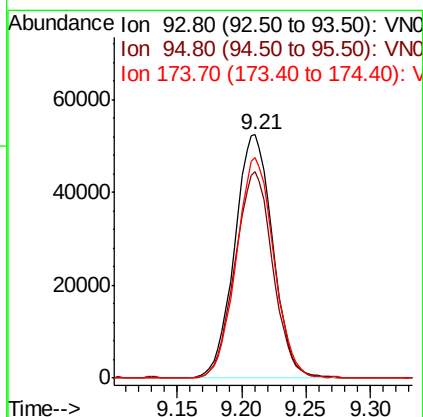
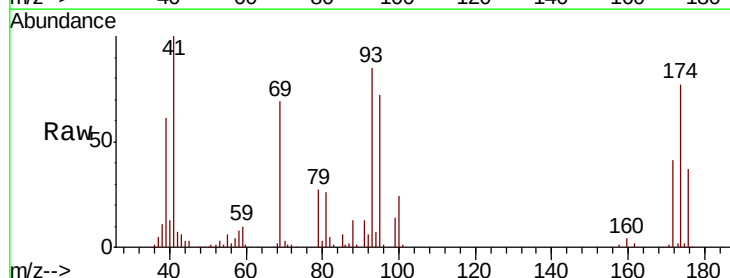
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

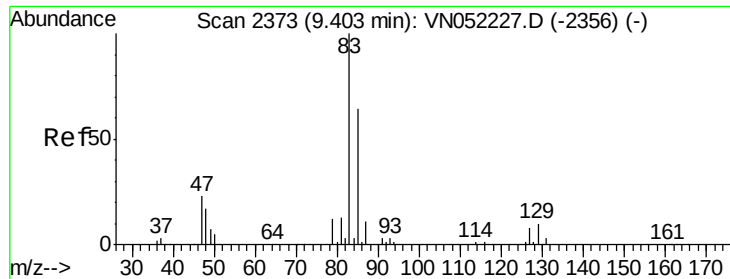
Tot Ion: 63 Resp: 185430
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2



#46
 Dibromomethane
 Concen: 48.837 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion: 93 Resp: 108010
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.0 100.4
 174 89.2 72.1 108.1

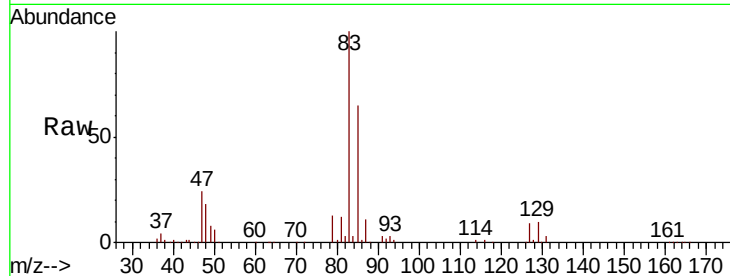




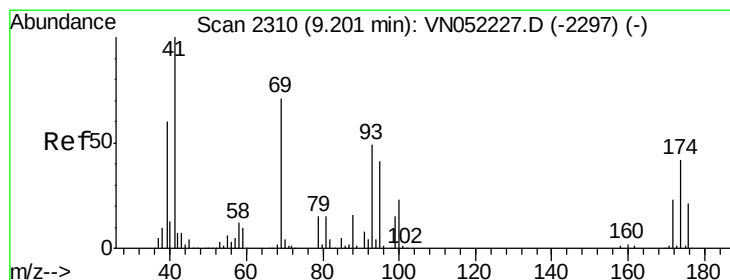
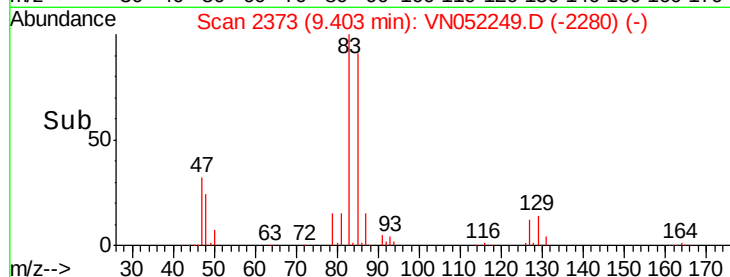
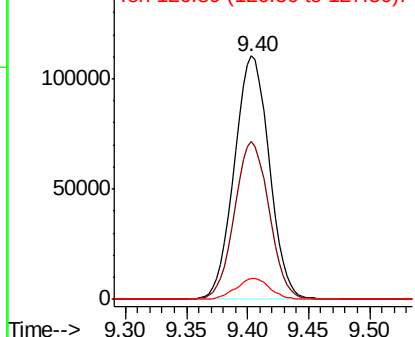
#47
Bromodichloromethane
Concen: 47.874 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 219368
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8
127 8.6 6.2 9.4

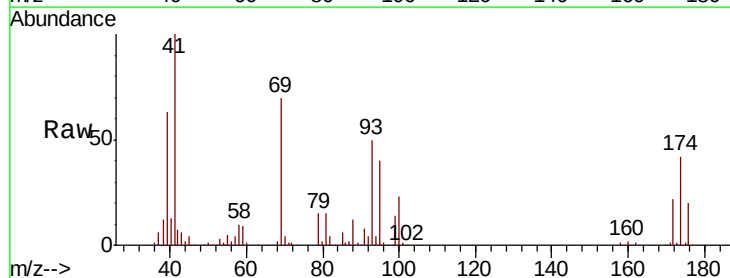


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

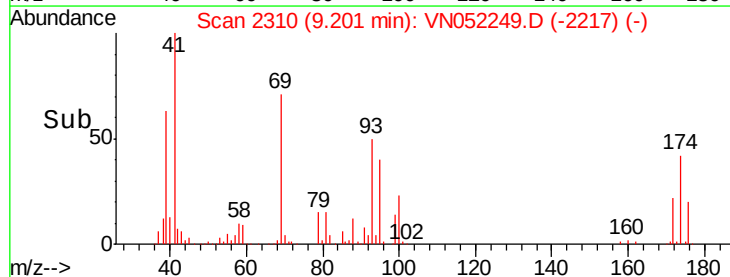
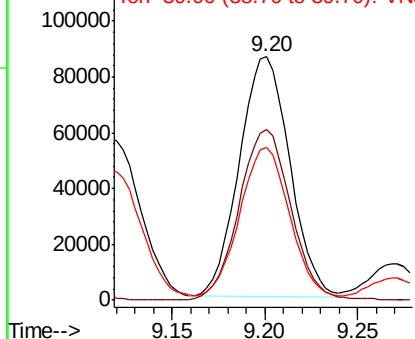


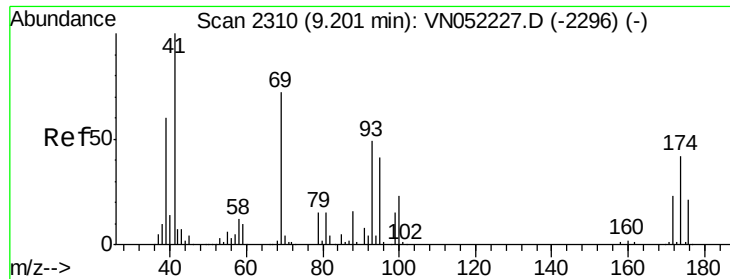
#48
Methyl methacrylate
Concen: 49.034 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 41 Resp: 163045
Ion Ratio Lower Upper
41 100
69 73.0 58.8 88.2
39 63.5 50.7 76.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 826.038 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

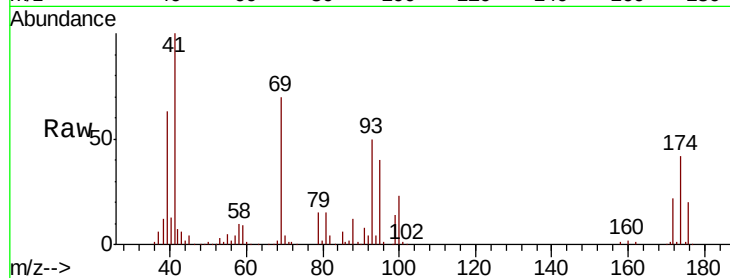
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 22080

Ion	Ratio	Lower	Upper
88	100		
43	43.5	32.5	48.7
58	74.2	58.2	87.4

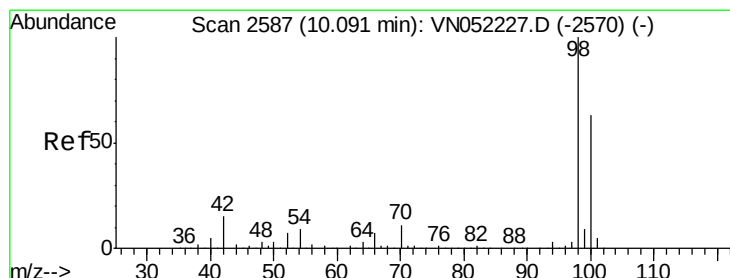
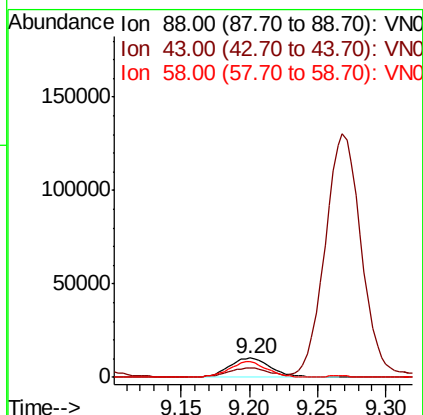
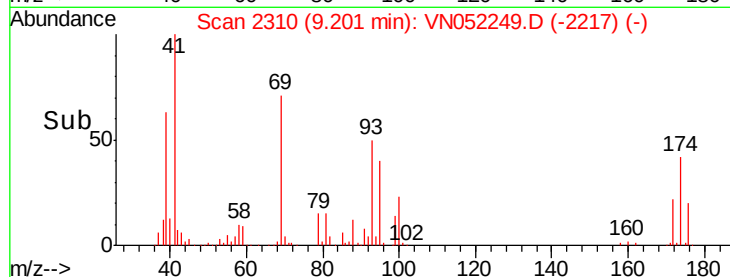


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 826.038 ug/l

RT: 10.09 min Scan# 2587

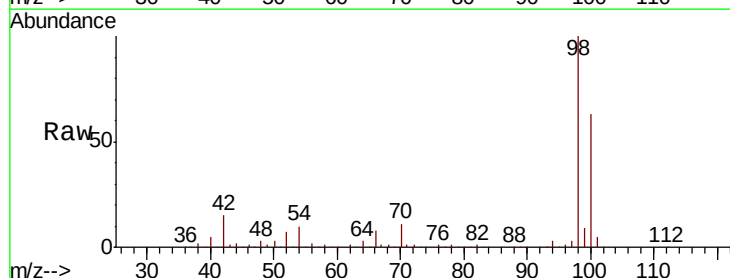
Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Tgt Ion: 98 Resp: 604398

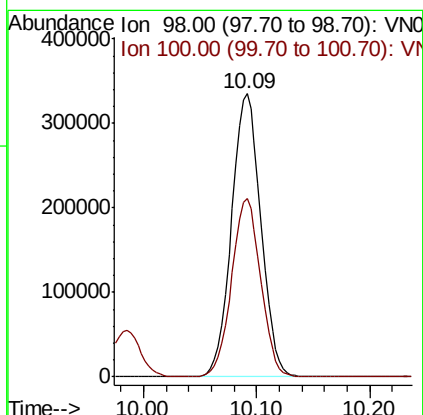
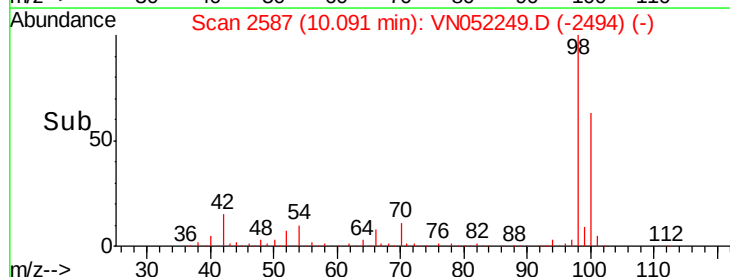
Ion	Ratio	Lower	Upper
98	100		
100	62.3	50.2	75.2

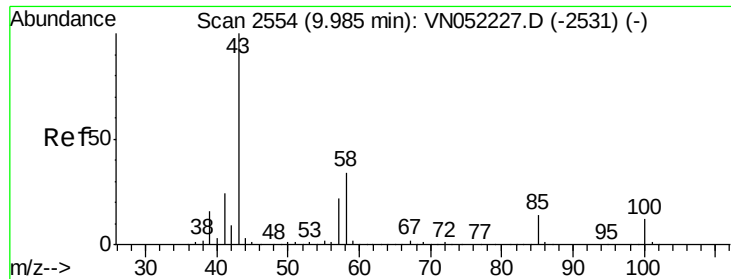


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 245.934 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

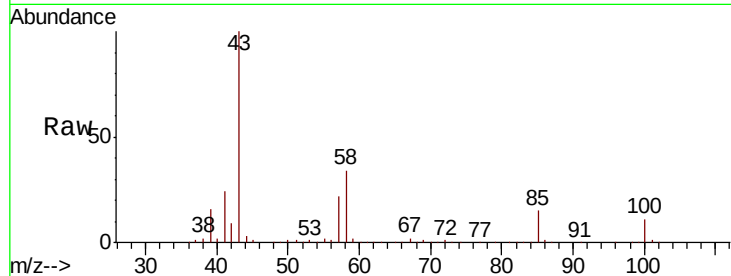
VSTDCCC050EC

Tot Ion: 43 Resp: 857111

Ion Ratio Lower Upper

43 100

58 34.2 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN052227.D (-2531) (-)

9.99

500000

400000

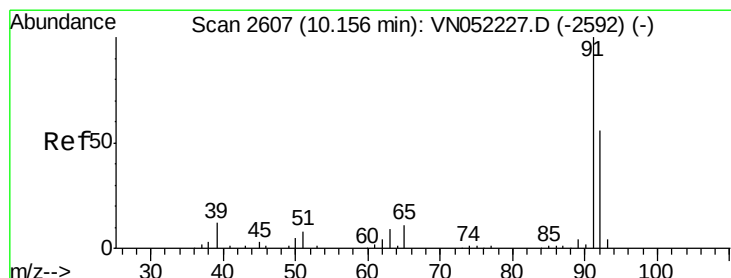
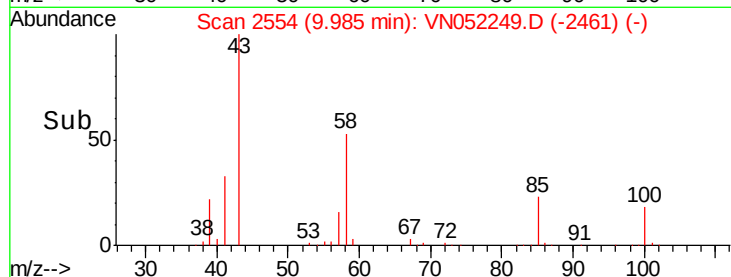
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.397 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052249.D

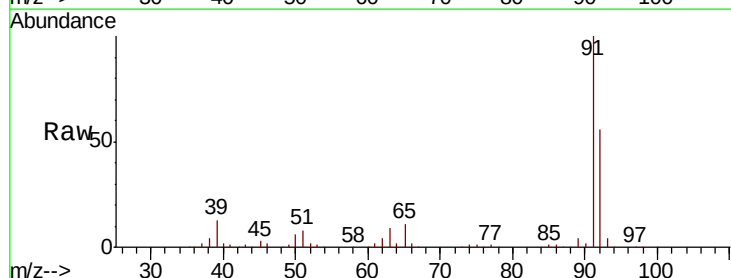
Acq: 10 Nov 2018 1:10

Tgt Ion: 92 Resp: 402358

Ion Ratio Lower Upper

92 100

91 178.5 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN052227.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN052227.D (-2592) (-)

10.16

400000

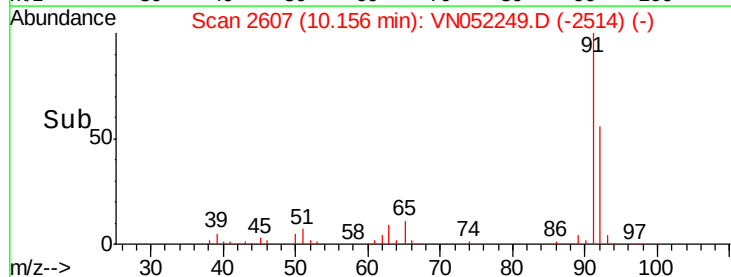
300000

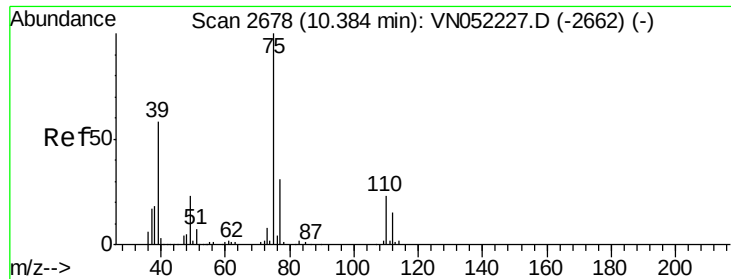
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.766 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

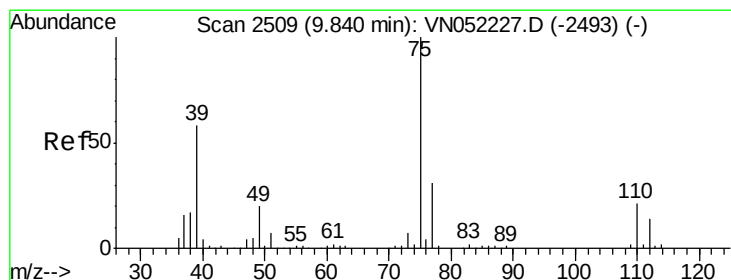
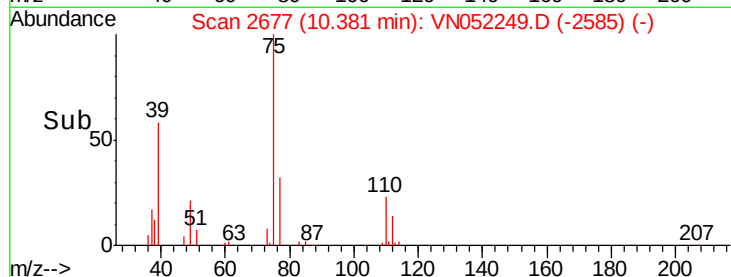
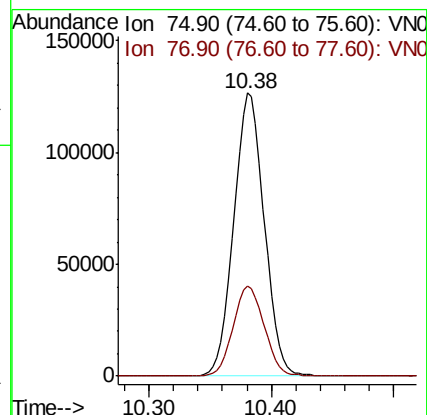
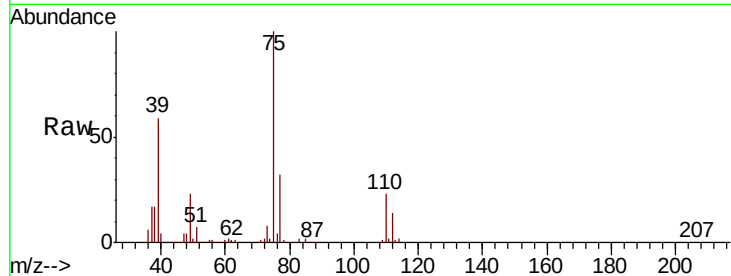
VSTDCCC050EC

Tot Ion: 75 Resp: 220510

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 48.593 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

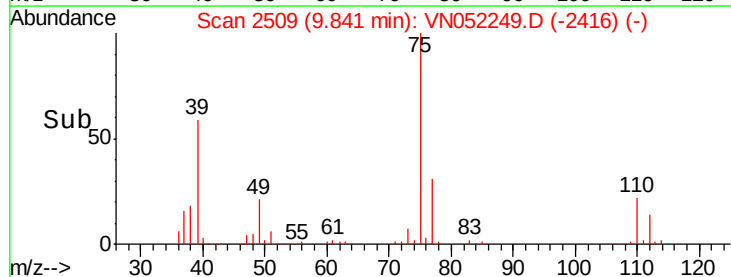
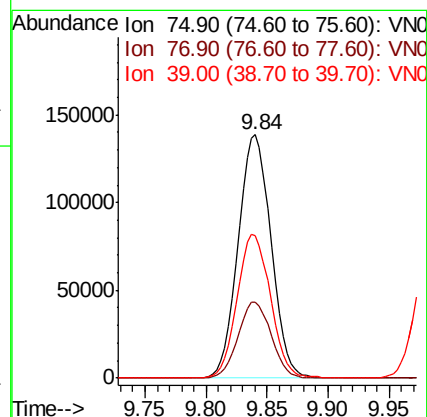
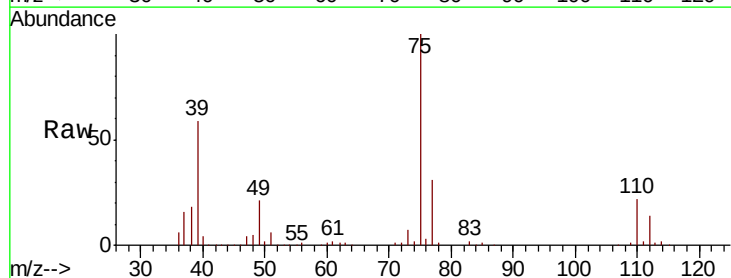
Tgt Ion: 75 Resp: 259380

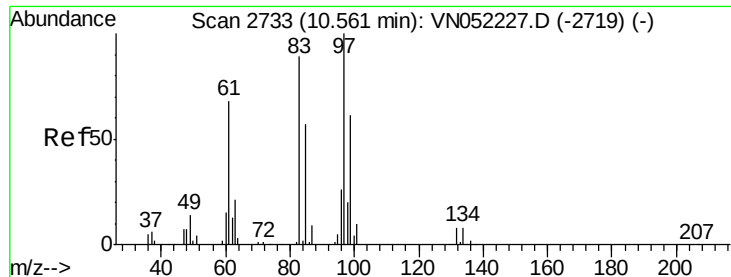
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 58.4 46.6 70.0

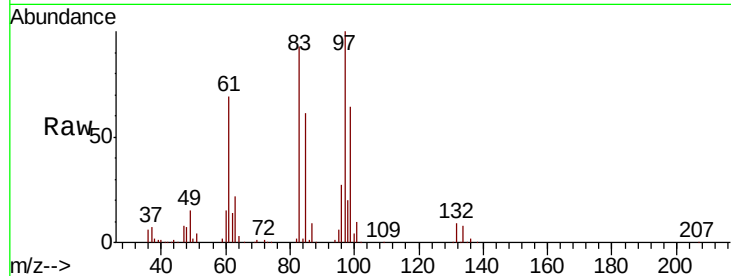




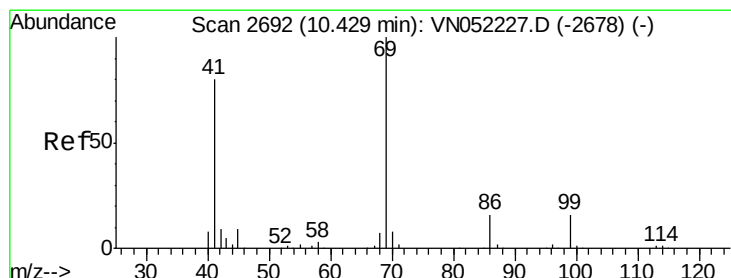
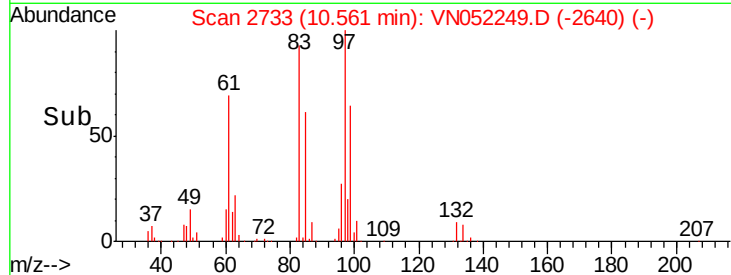
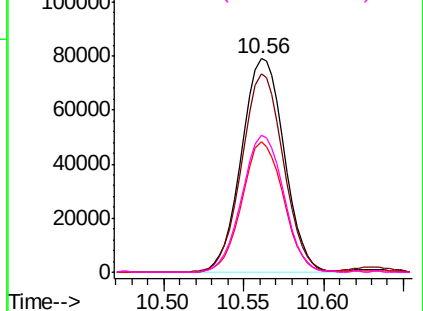
#55
 1,1,2-Trichloroethane
 Concen: 47.932 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 144035
 Ion Ratio Lower Upper
 97 100
 83 93.0 71.2 106.8
 85 60.9 45.6 68.4
 99 64.0 49.1 73.7

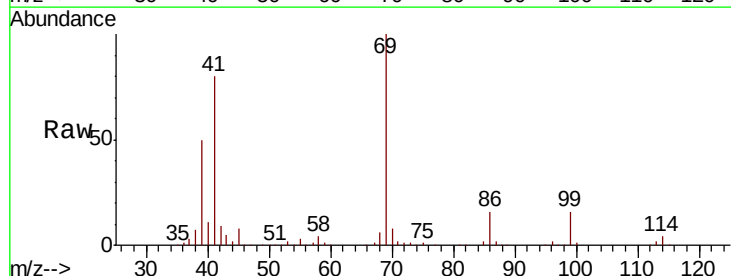


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

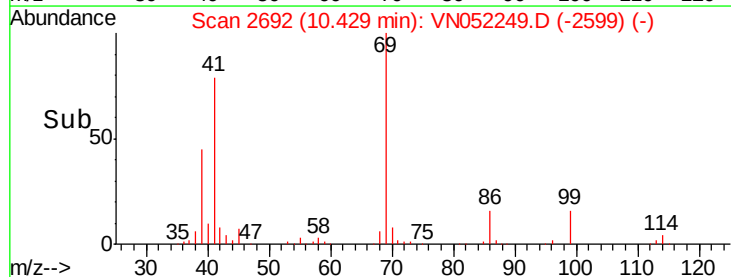
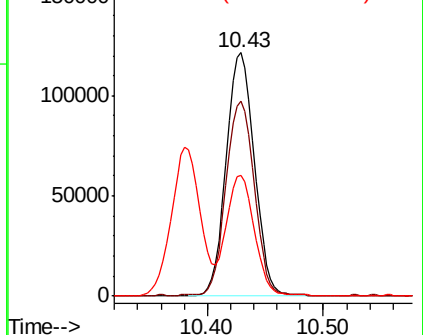


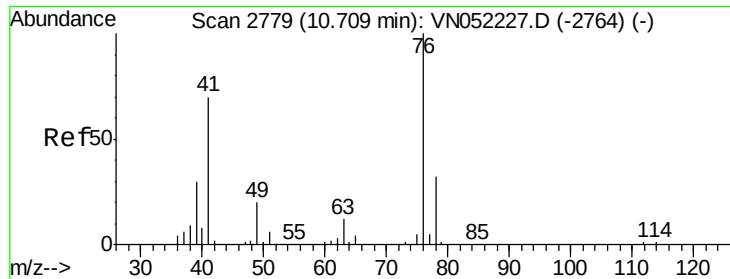
#56
 Ethyl methacrylate
 Concen: 50.332 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion: 69 Resp: 204412
 Ion Ratio Lower Upper
 69 100
 41 79.8 64.0 96.0
 39 49.1 37.8 56.8



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

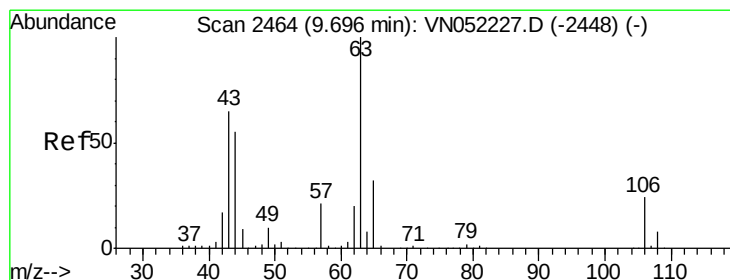
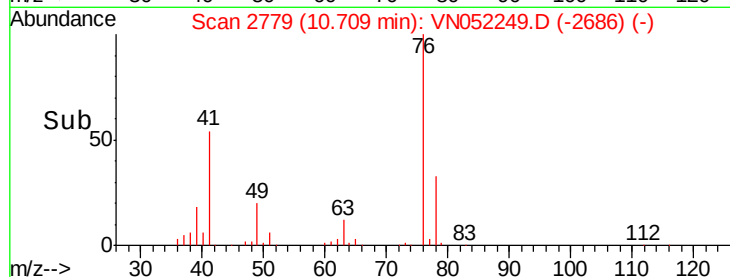
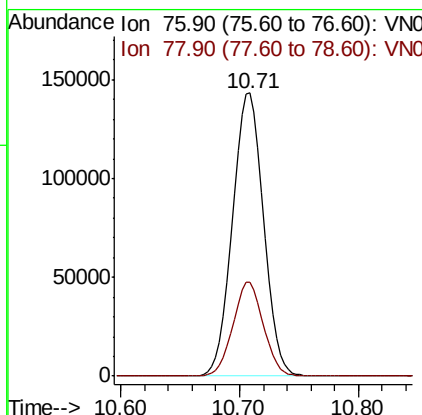
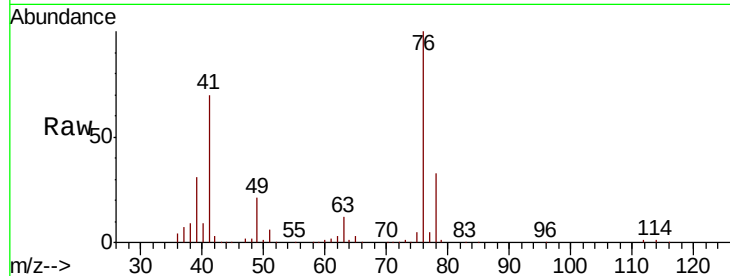




#57
 1,3-Dichloropropane
 Concen: 48.209 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

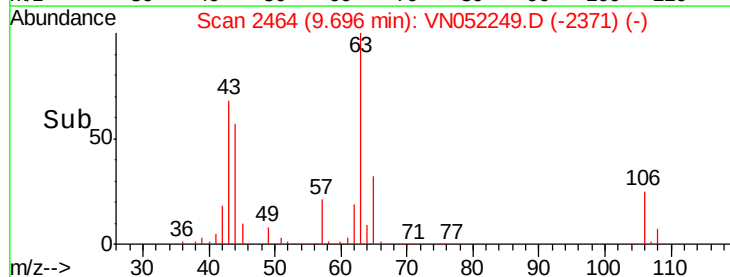
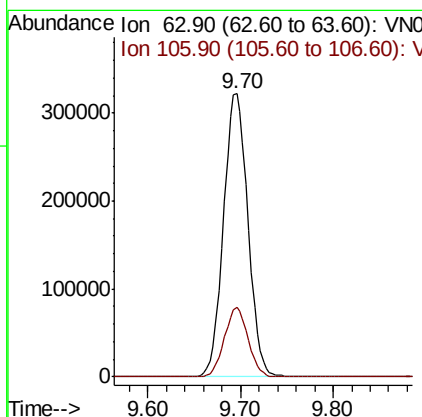
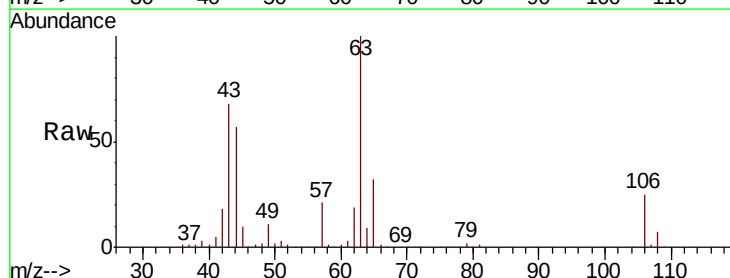
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

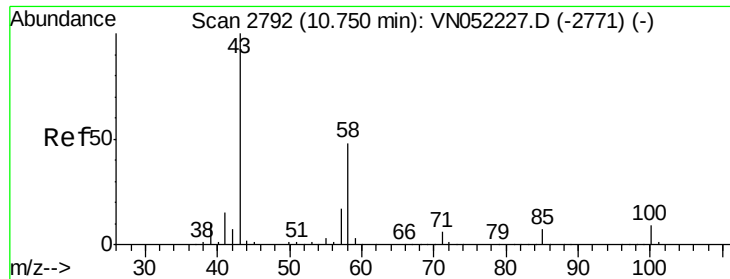
Tot Ion: 76 Resp: 259329
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.895 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion: 63 Resp: 586696
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.5 29.3

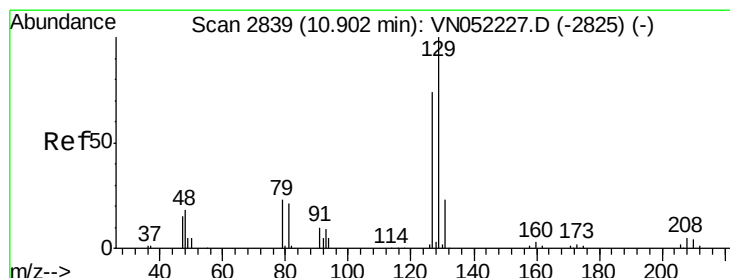
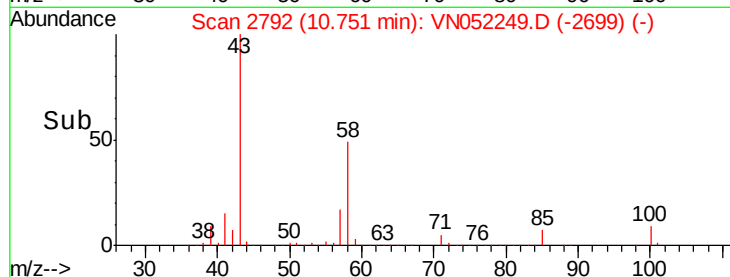
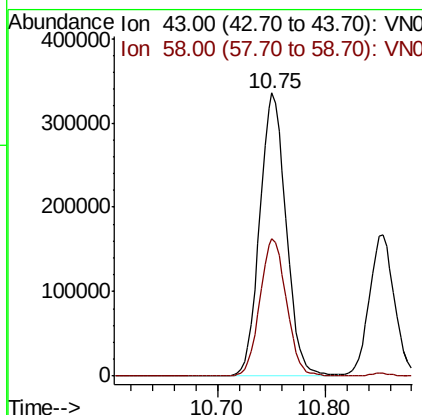
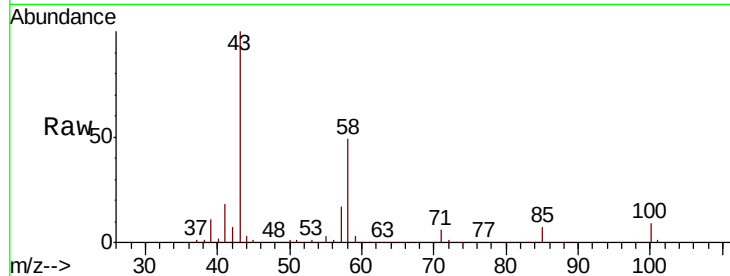




#59
2-Hexanone
Concen: 232.089 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

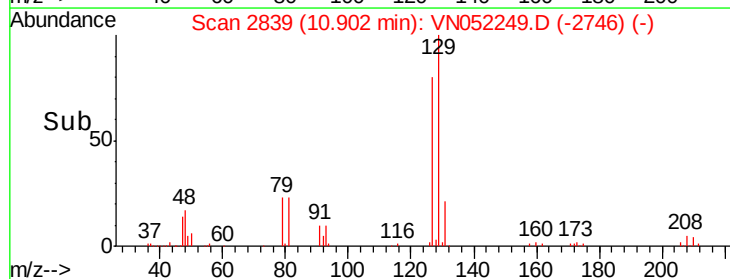
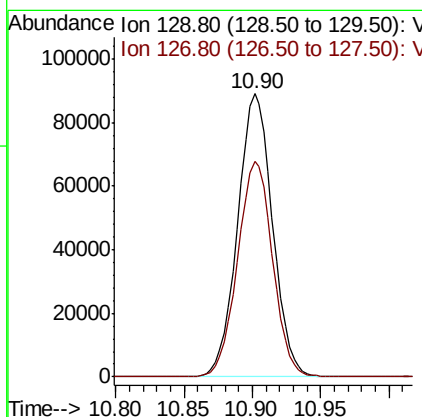
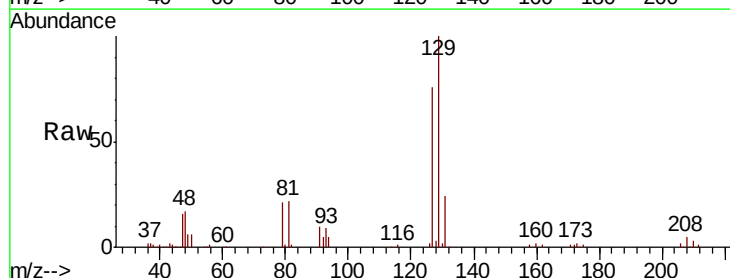
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

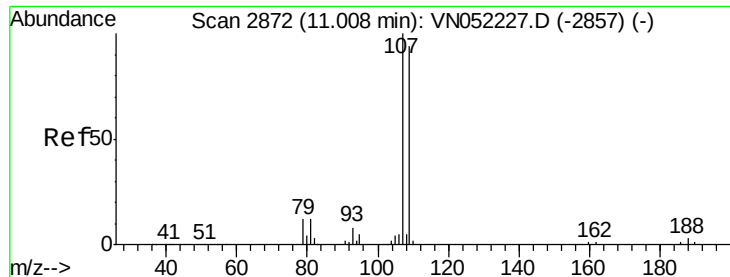
Tot Ion: 43 Resp: 567820
Ion Ratio Lower Upper
43 100
58 49.0 24.1 72.3



#60
Dibromochloromethane
Concen: 51.901 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 129 Resp: 158197
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1

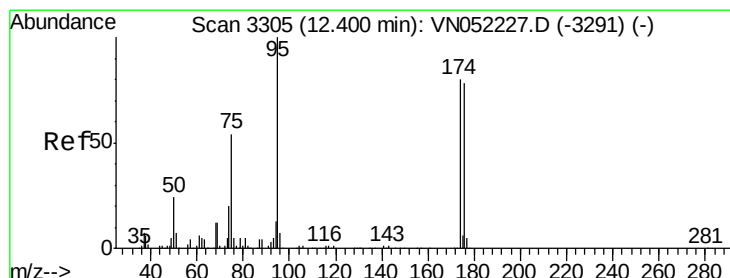
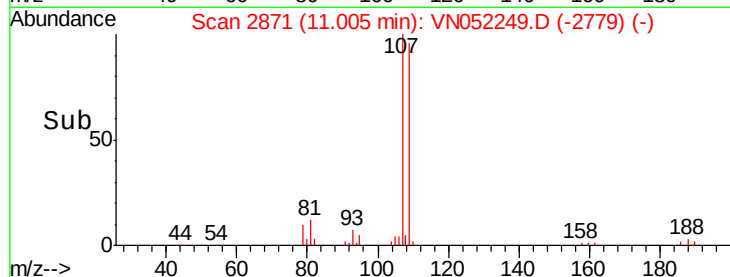
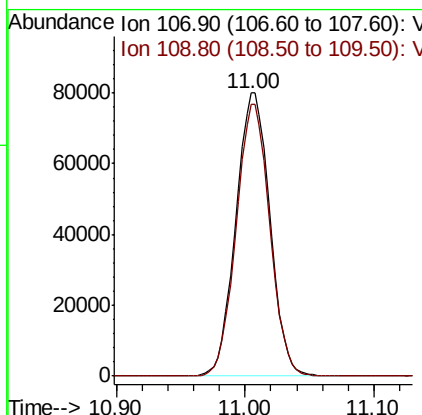
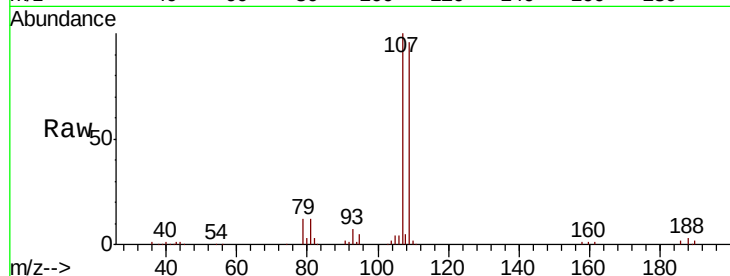




#61
 1,2-Dibromoethane
 Concen: 49.743 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

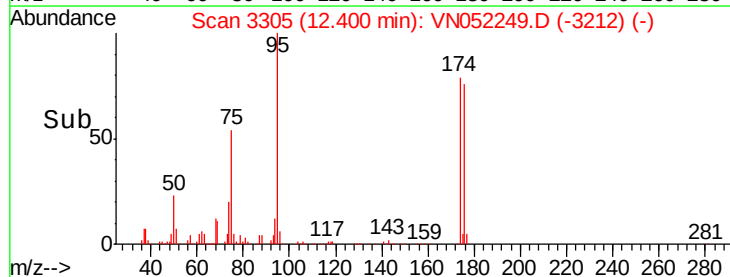
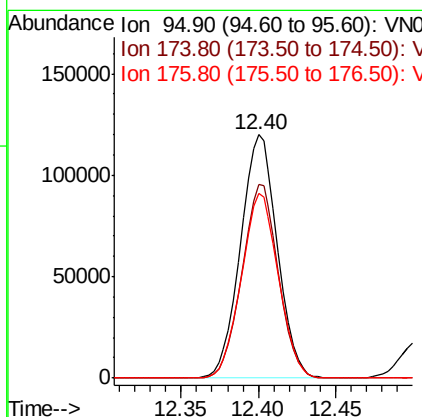
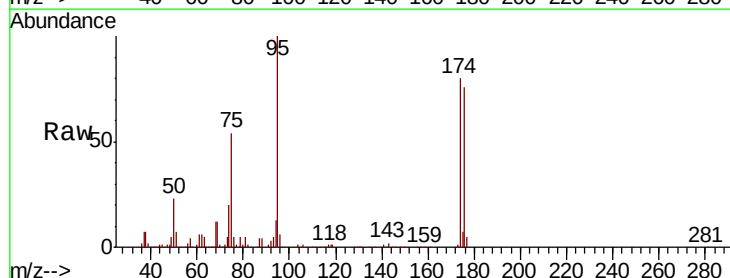
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

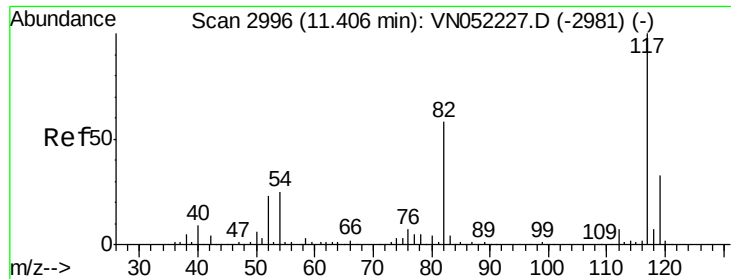
Tot Ion: 107 Resp: 146904
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.743 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion: 95 Resp: 197953
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 159.4
 176 76.3 0.0 157.8

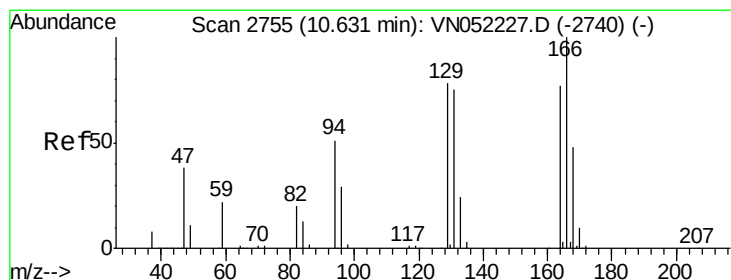
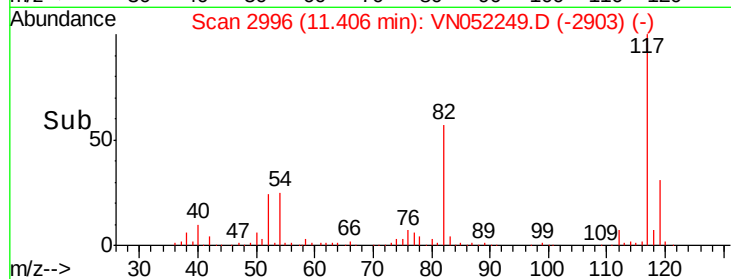
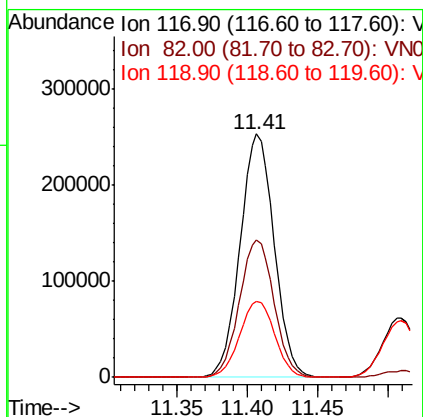
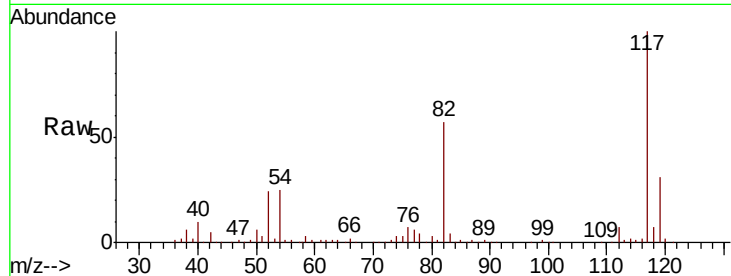




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

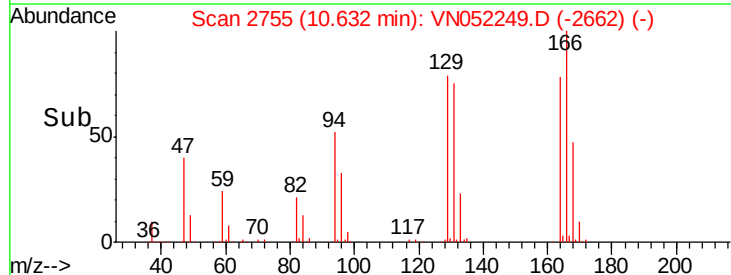
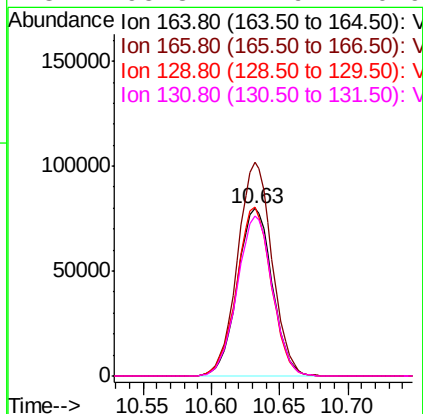
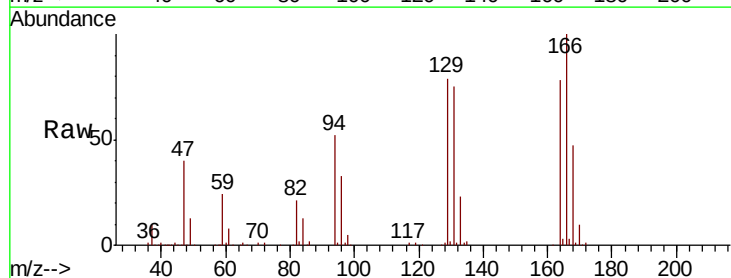
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

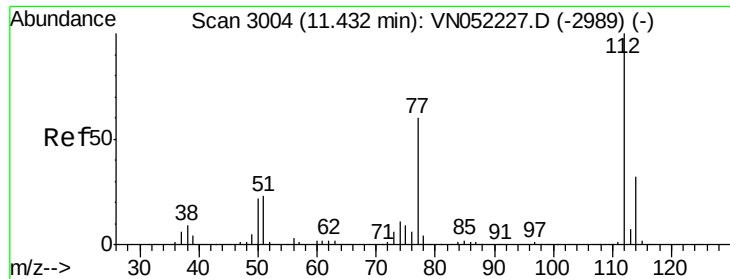
Tot Ion:117 Resp: 429304
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.2
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 47.251 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion:164 Resp: 142023
Ion Ratio Lower Upper
164 100
166 127.4 103.6 155.4
129 100.7 81.0 121.6
131 95.8 77.9 116.9

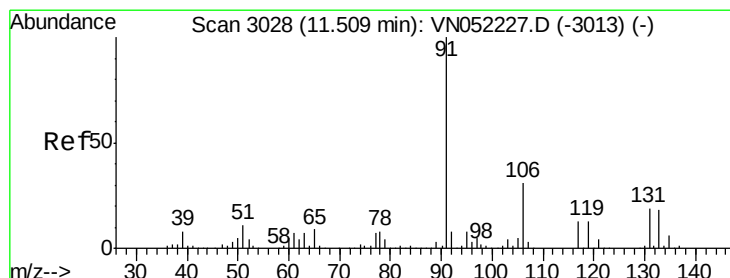
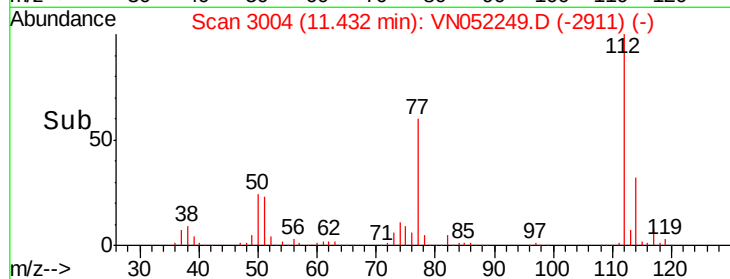
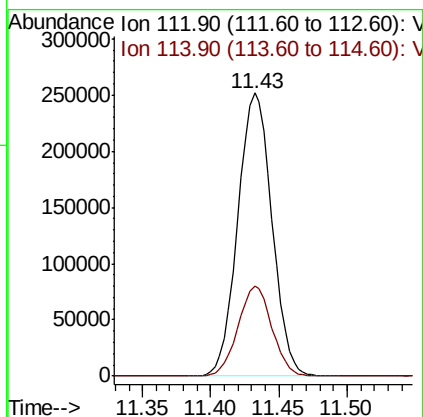
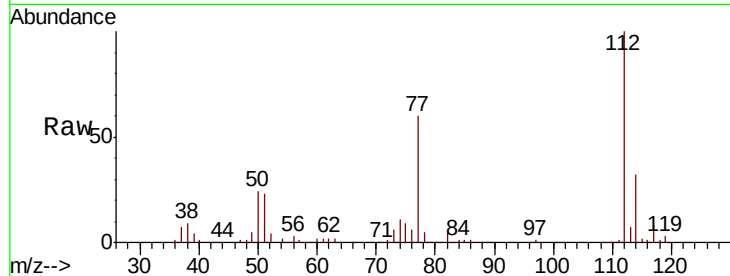




#65
Chlorobenzene
Concen: 48.120 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

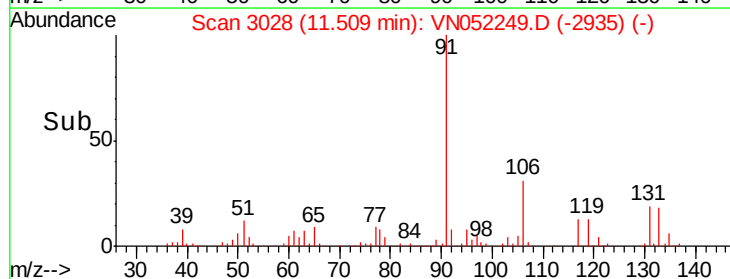
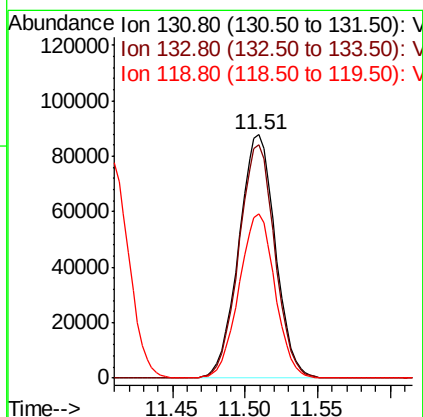
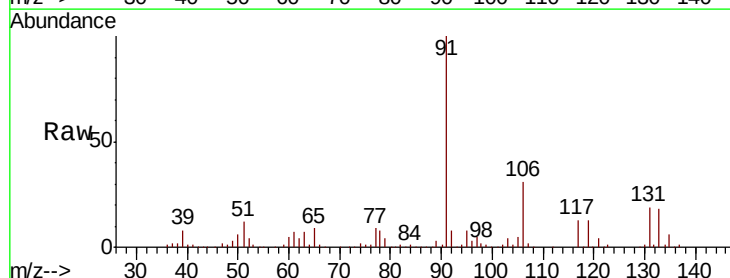
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

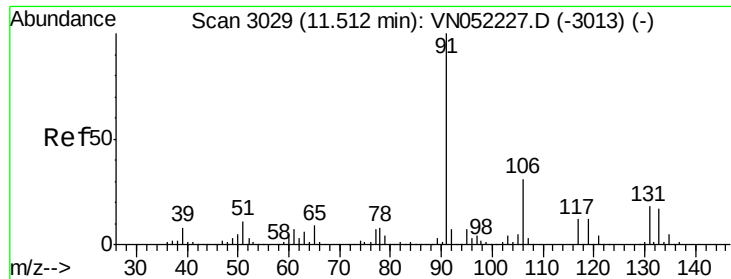
Tot Ion:112 Resp: 437729
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.873 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion:131 Resp: 153676
Ion Ratio Lower Upper
131 100
133 94.4 48.3 144.9
119 66.6 34.6 103.9

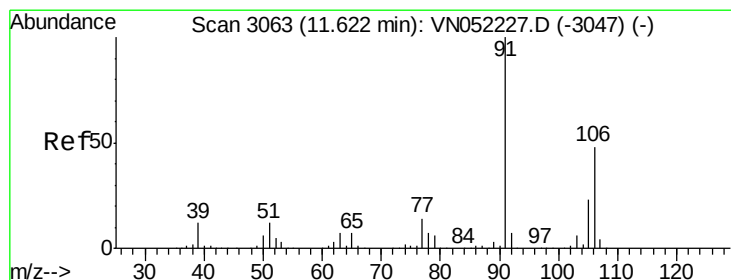
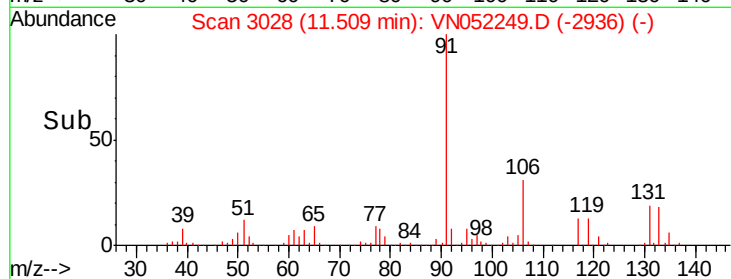
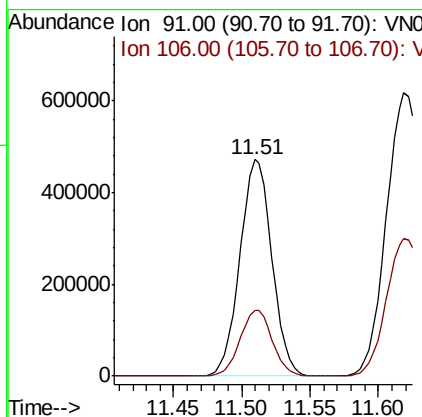
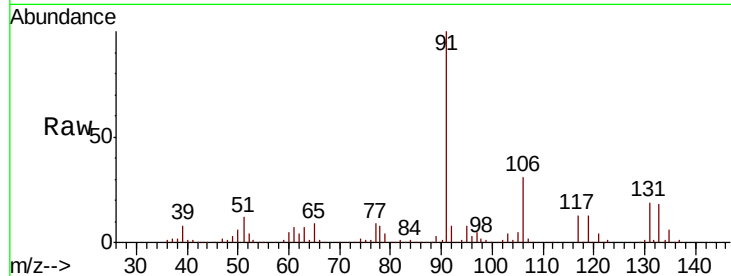




#67
Ethyl Benzene
Concen: 48.050 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

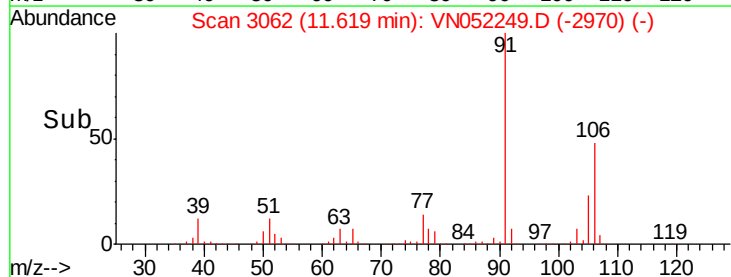
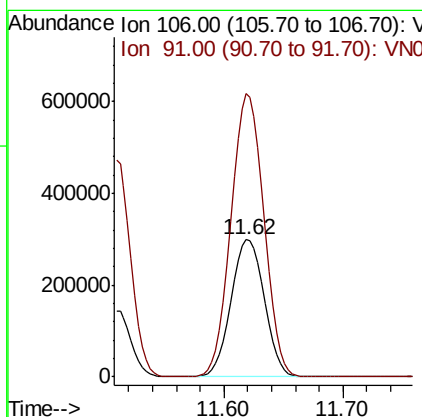
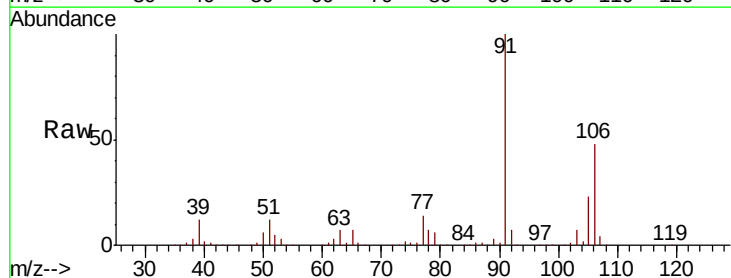
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

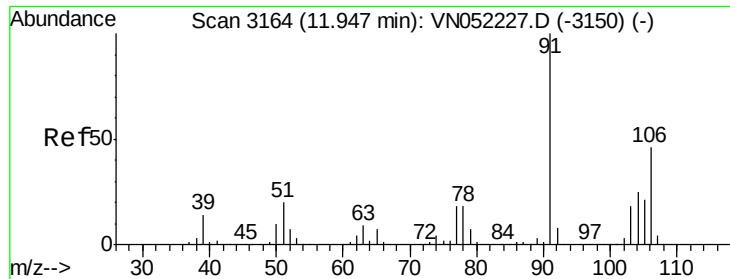
Tot Ion: 91 Resp: 768809
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1



#68
m/p-Xylenes
Concen: 97.315 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 106 Resp: 579875
Ion Ratio Lower Upper
106 100
91 204.0 165.7 248.5

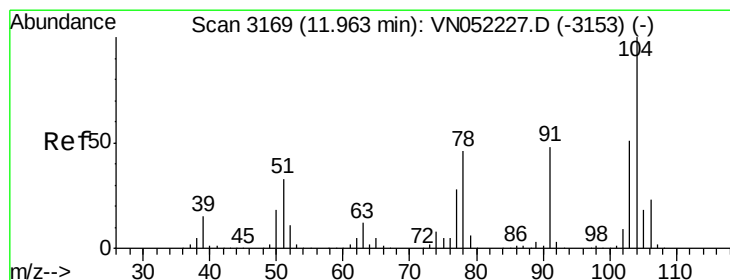
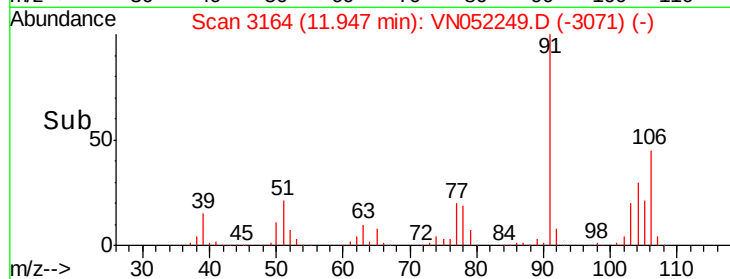
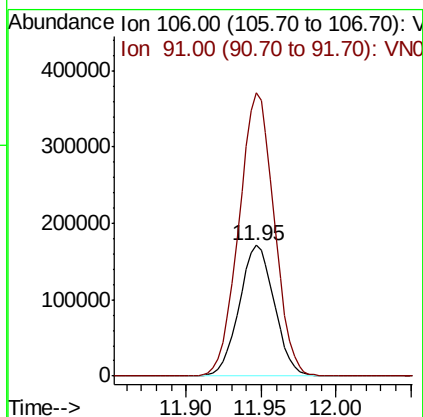
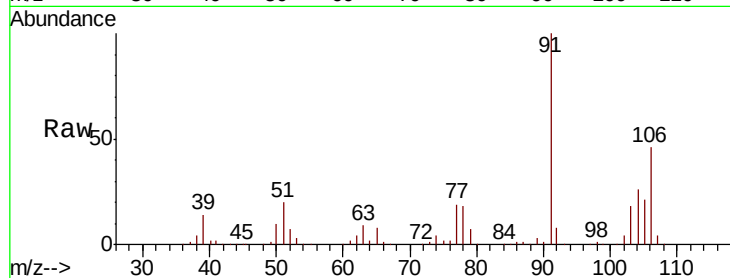




#69
o-Xylene
Concen: 49.236 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

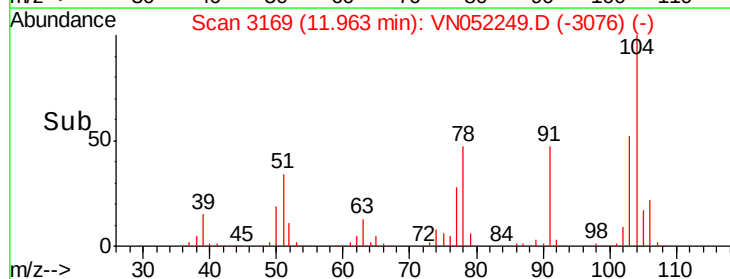
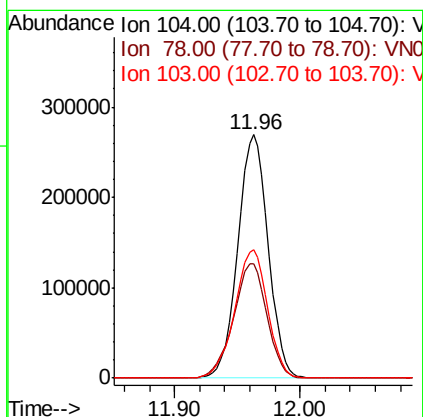
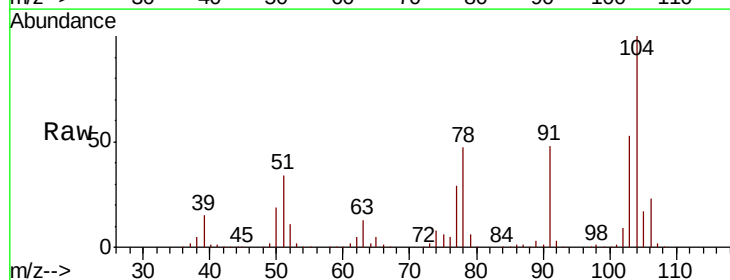
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

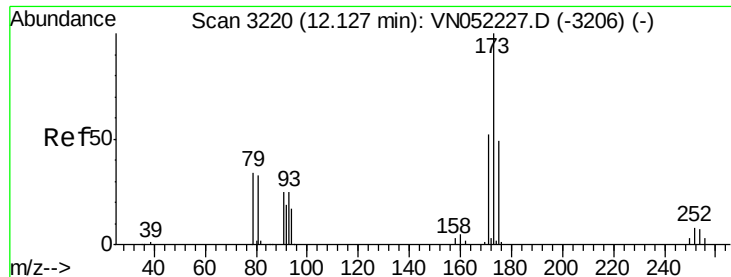
Tot Ion:106 Resp: 280297
Ion Ratio Lower Upper
106 100
91 217.3 108.5 325.5



#70
Styrene
Concen: 49.083 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion:104 Resp: 451437
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.6
103 57.1 44.9 67.3





#71

Bromoform

Concen: 49.865 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

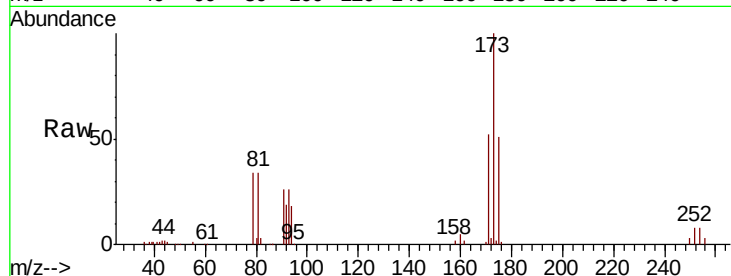
Tot Ion:173 Resp: 91663

Ion Ratio Lower Upper

173 100

175 49.9 24.5 73.5

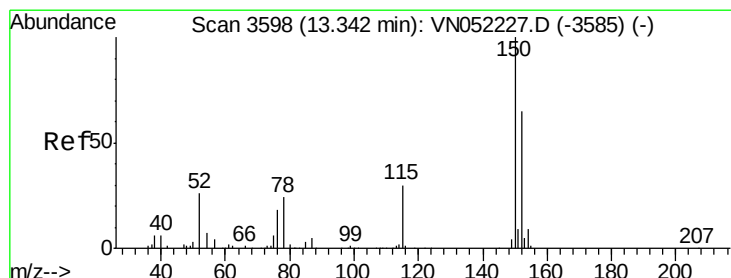
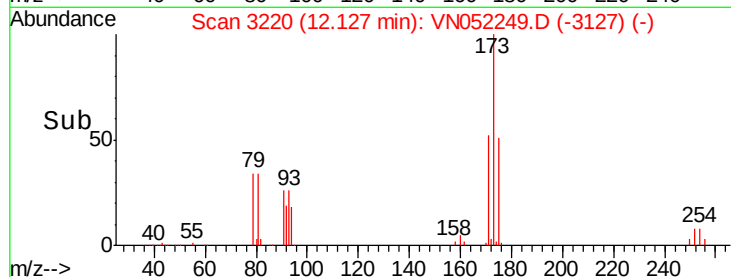
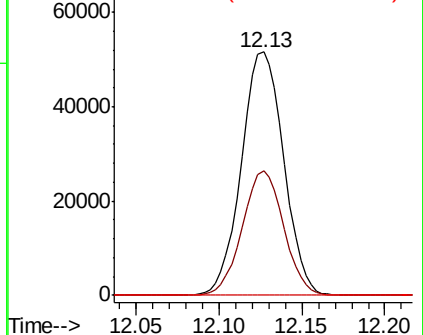
254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

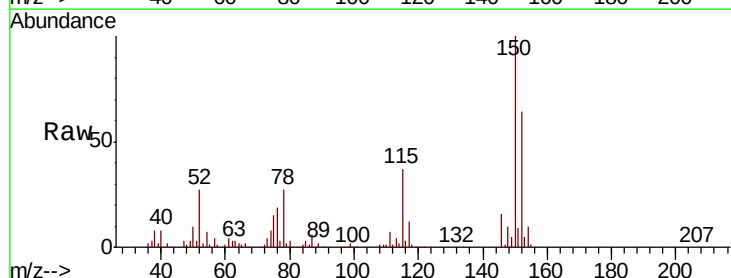
Tgt Ion:152 Resp: 196586

Ion Ratio Lower Upper

152 100

115 59.1 29.8 89.5

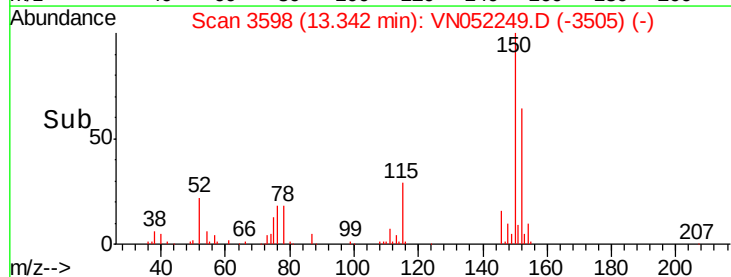
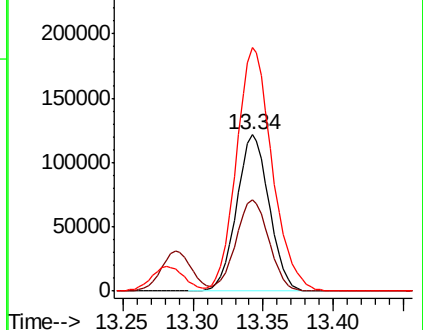
150 170.8 0.0 350.2

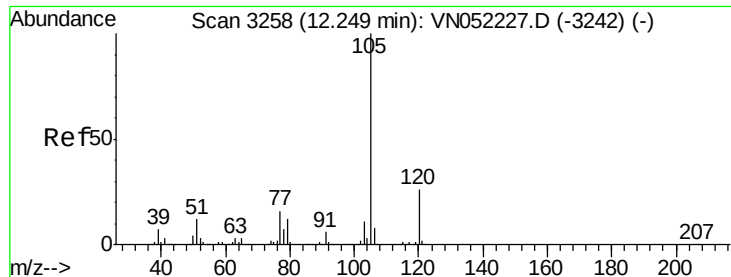


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.329 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

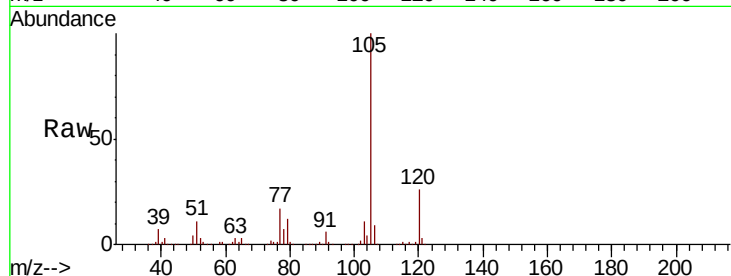
VSTDCCC050EC

Tot Ion:105 Resp: 744511

Ion Ratio Lower Upper

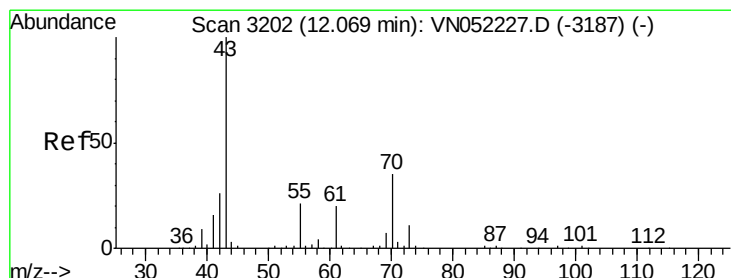
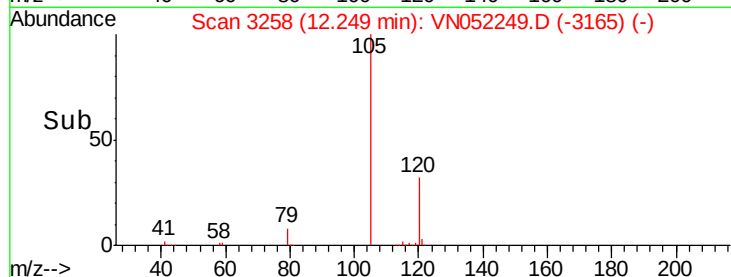
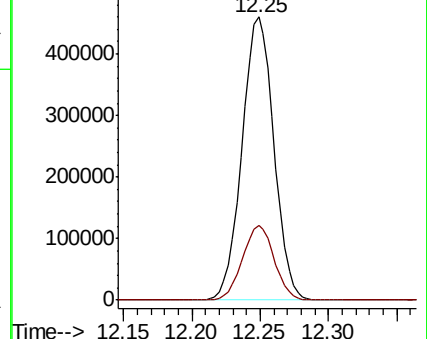
105 100

120 26.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.032 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Tgt Ion: 43 Resp: 286058

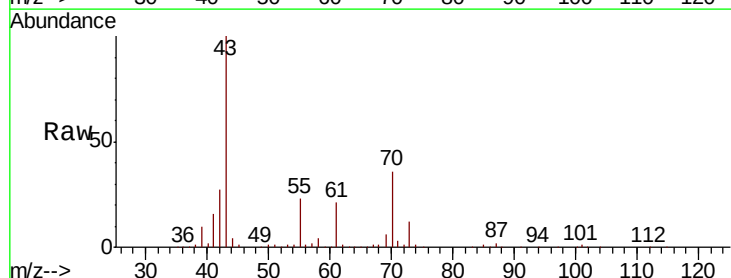
Ion Ratio Lower Upper

43 100

70 35.9 28.2 42.2

55 22.5 17.4 26.2

61 21.0 16.3 24.5

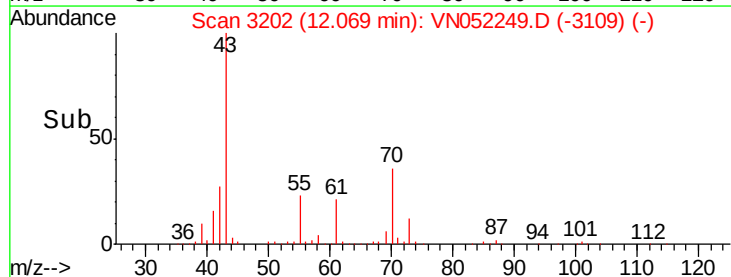
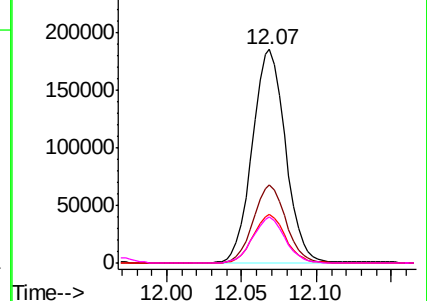


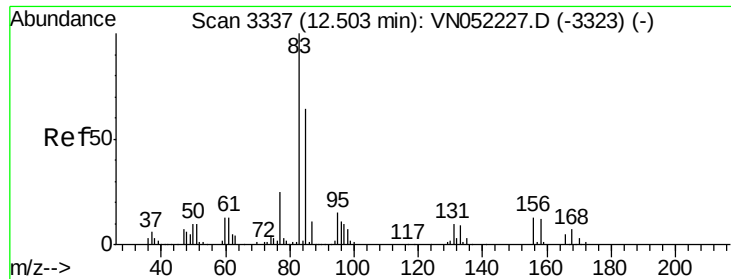
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.369 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

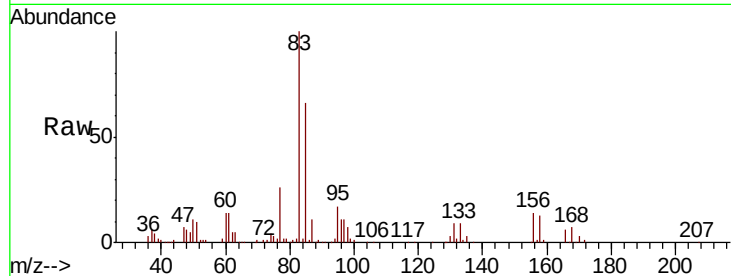
Tot Ion: 83 Resp: 182676

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.2

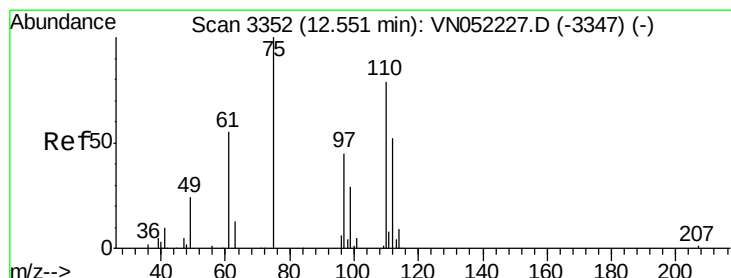
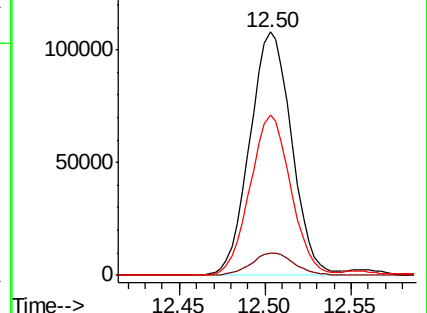
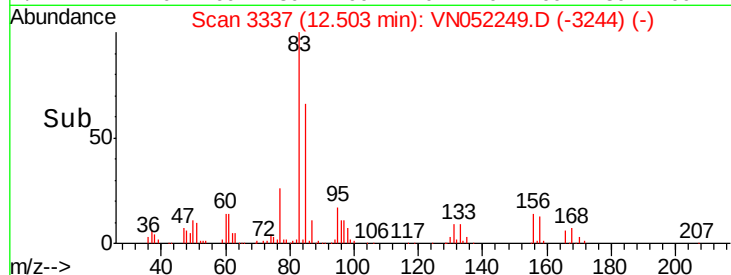
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 67.749 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052249.D

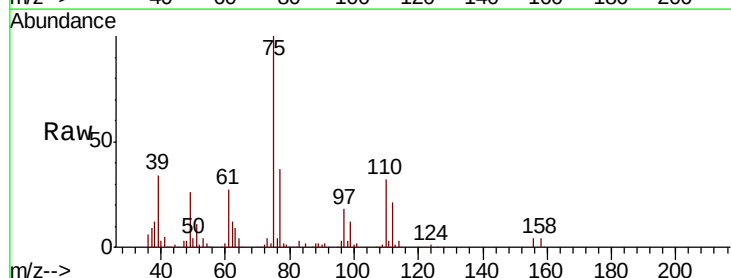
Acq: 10 Nov 2018 1:10

Tgt Ion: 75 Resp: 235639

Ion Ratio Lower Upper

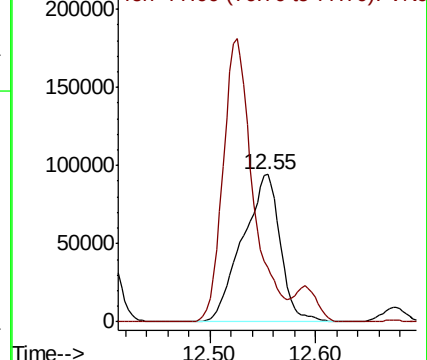
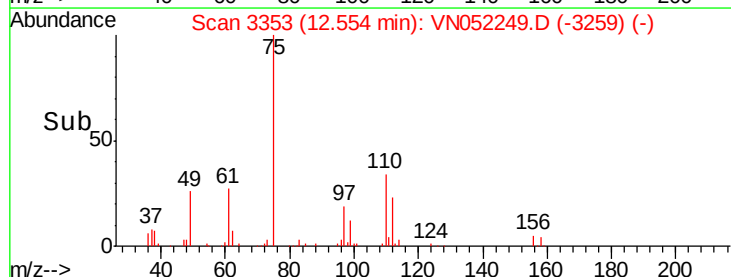
75 100

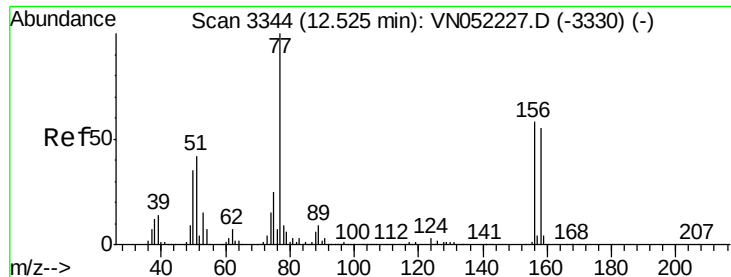
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 46.277 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

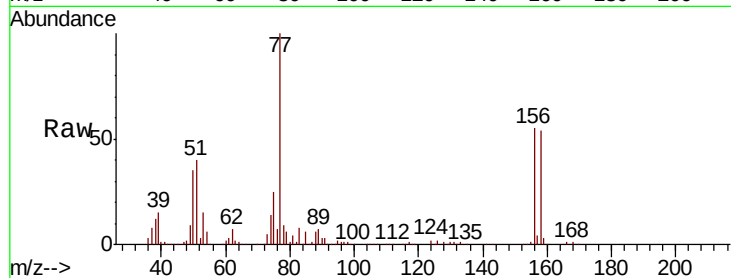
Tot Ion:156 Resp: 174079

Ion Ratio Lower Upper

156 100

77 204.7 101.1 303.3

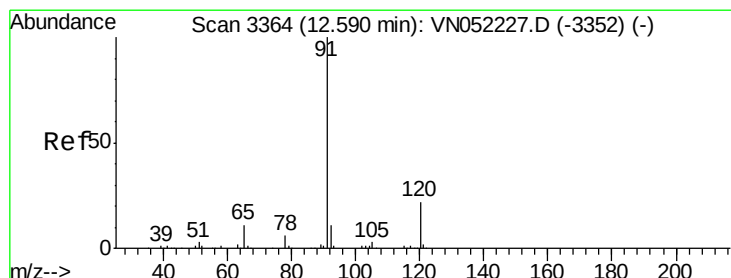
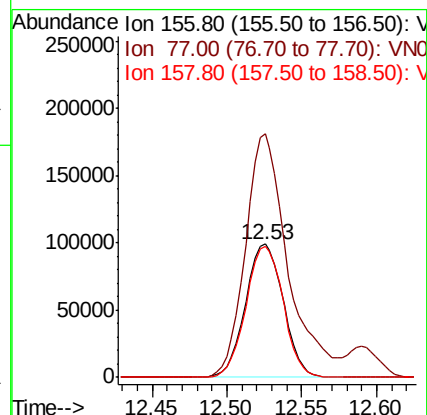
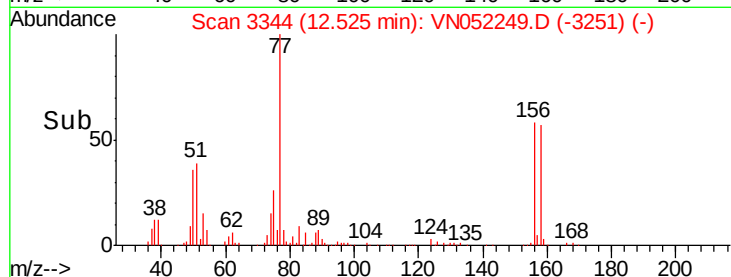
158 97.0 47.8 143.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.685 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052249.D

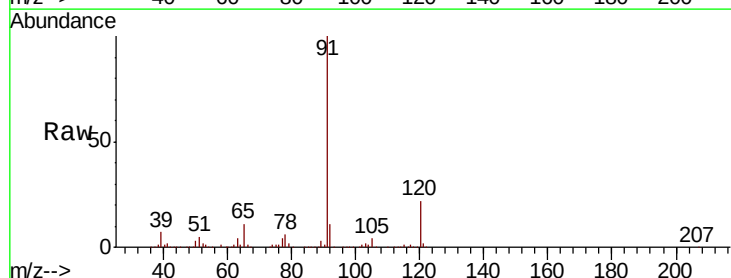
Acq: 10 Nov 2018 1:10

Tgt Ion: 91 Resp: 878691

Ion Ratio Lower Upper

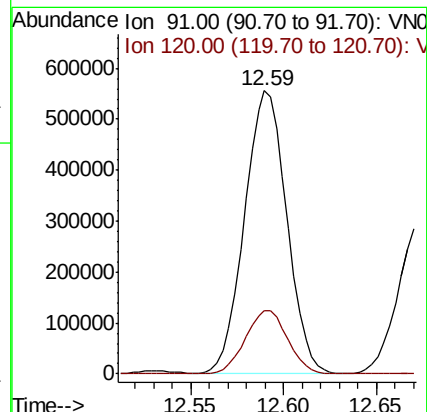
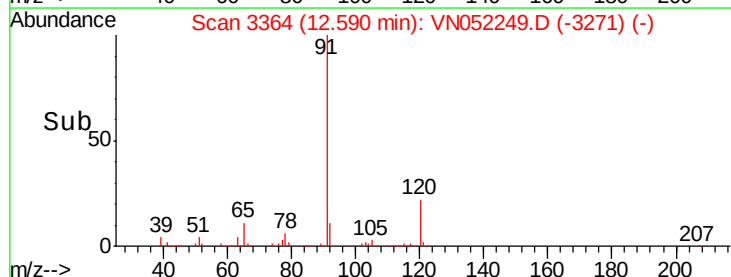
91 100

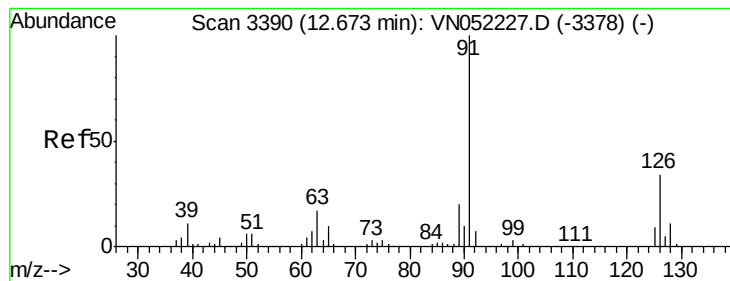
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.385 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

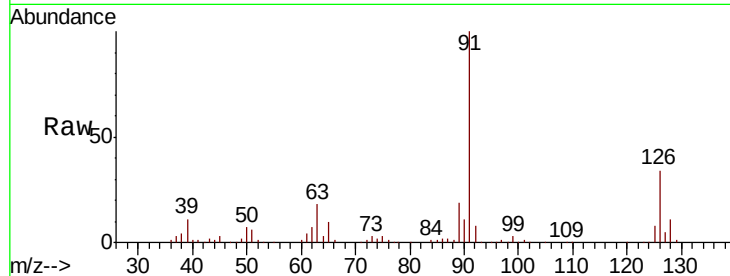
VSTDCCC050EC

Tot Ion: 91 Resp: 505765

Ion Ratio Lower Upper

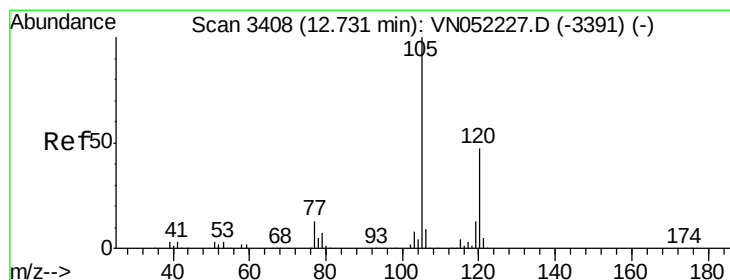
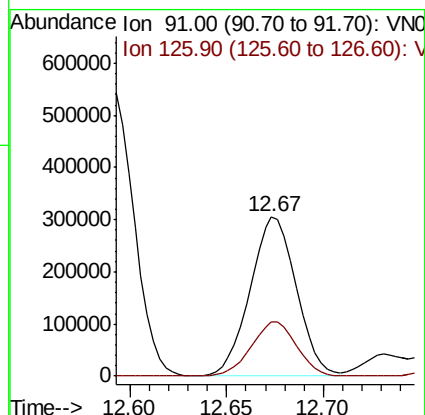
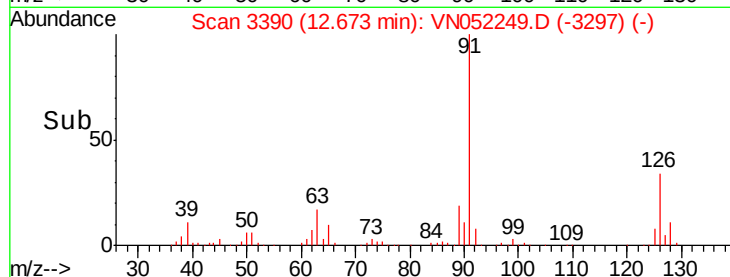
91 100

126 33.9 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052227.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.230 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052249.D

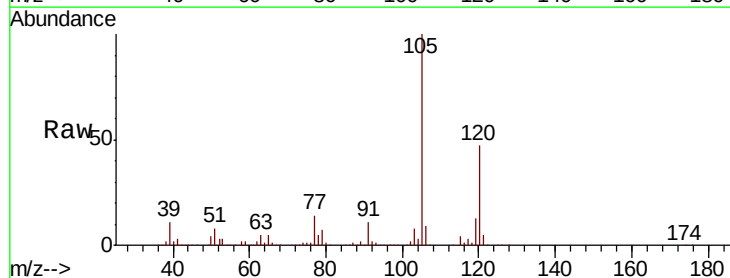
Acq: 10 Nov 2018 1:10

Tgt Ion: 105 Resp: 603610

Ion Ratio Lower Upper

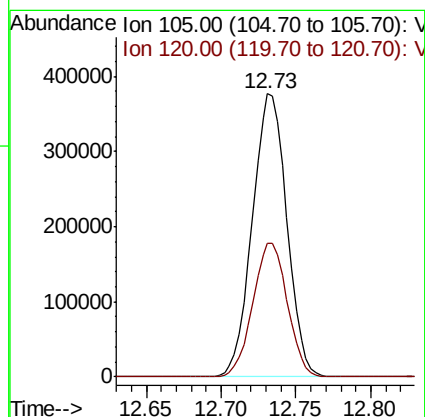
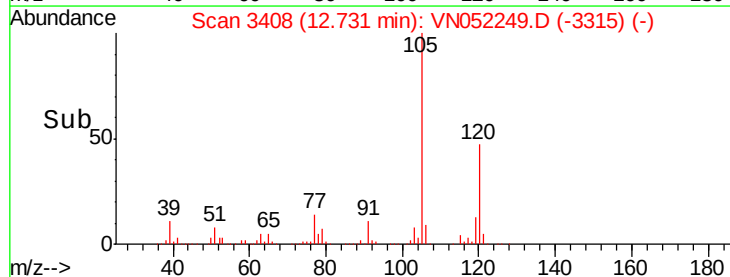
105 100

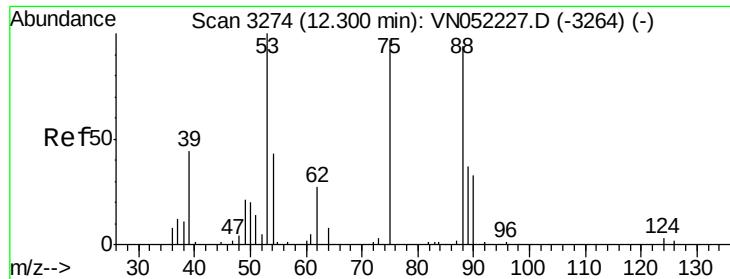
120 47.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VN052227.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN052227.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.301 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

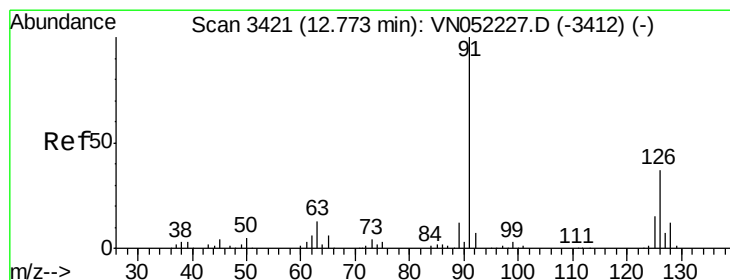
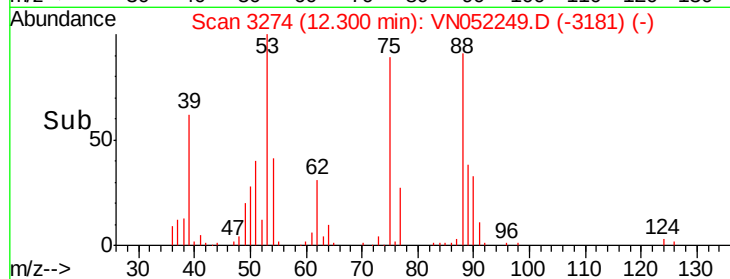
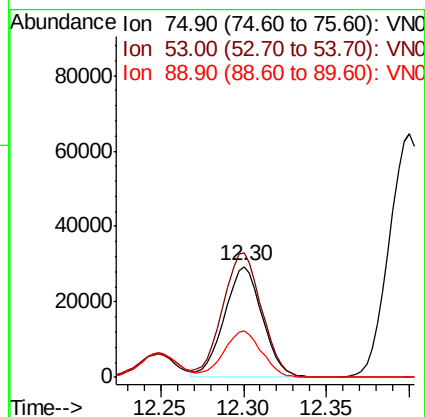
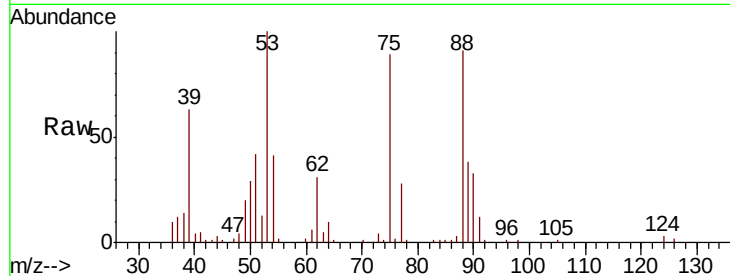
Tot Ion: 75 Resp: 47178

Ion Ratio Lower Upper

75 100

53 114.1 84.0 126.0

89 41.8 33.7 50.5



#82

4-Chlorotoluene

Concen: 47.128 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052249.D

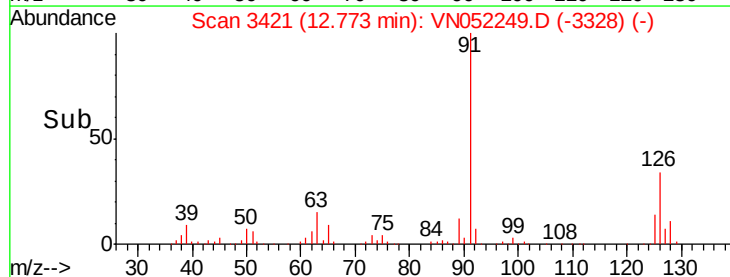
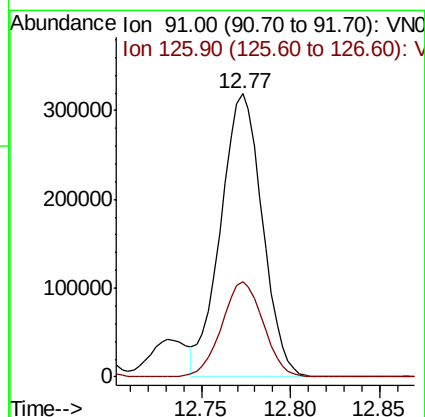
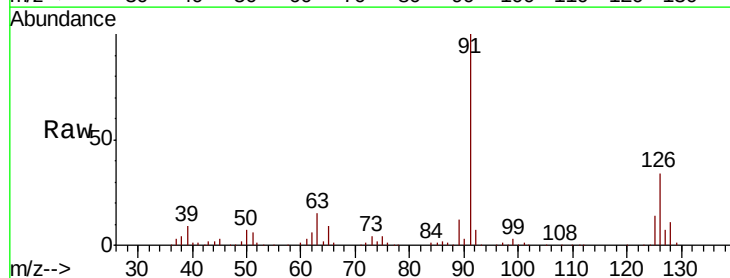
Acq: 10 Nov 2018 1:10

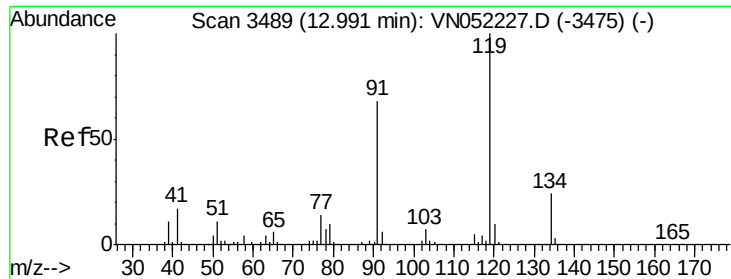
Tgt Ion: 91 Resp: 515604

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.7

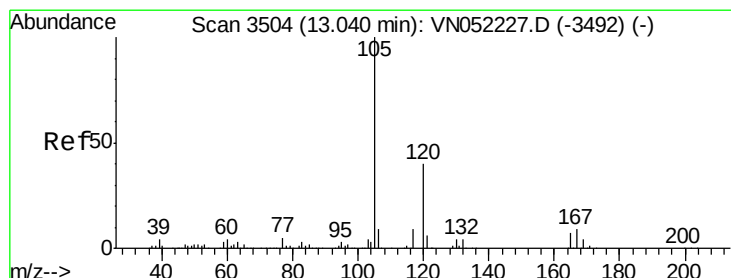
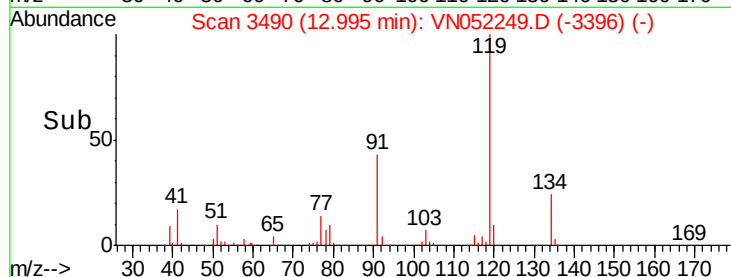
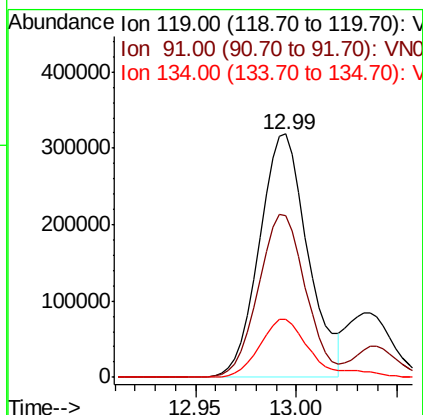
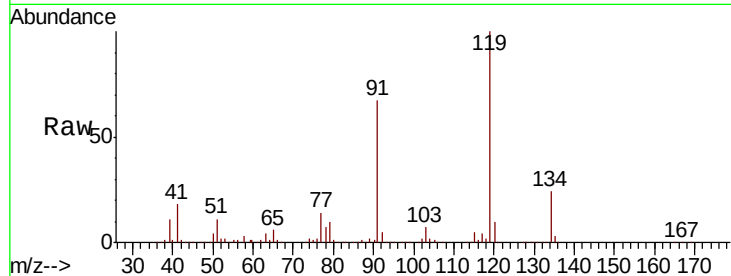




#83
 tert-Butylbenzene
 Concen: 47.831 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

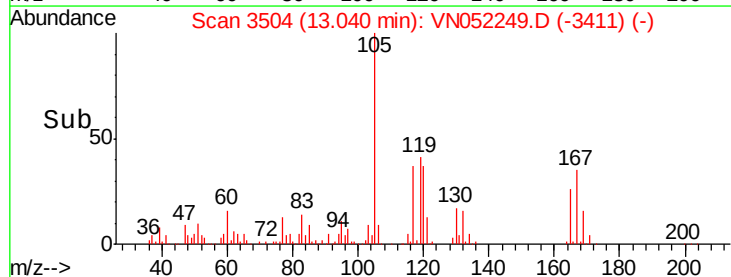
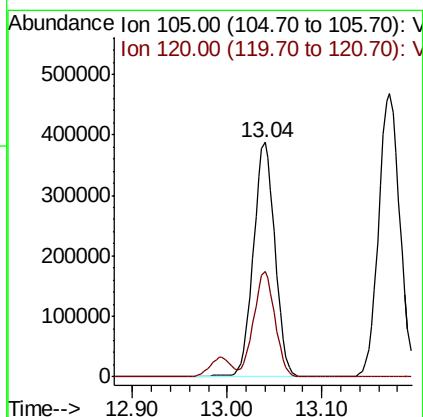
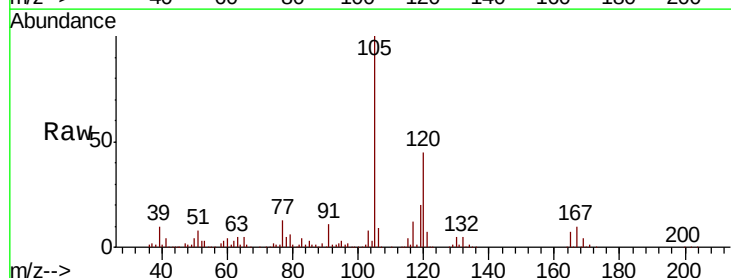
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

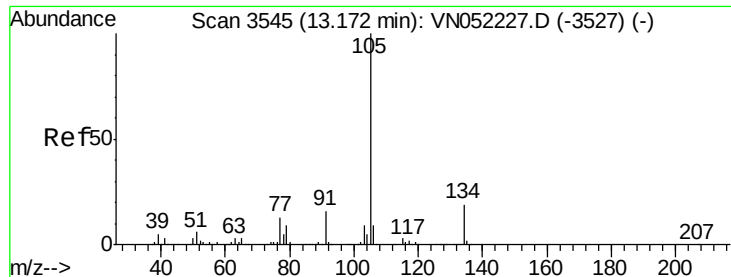
Tot Ion:119 Resp: 533678
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.5 100.4
 134 25.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 47.709 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion:105 Resp: 614779
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 47.648 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

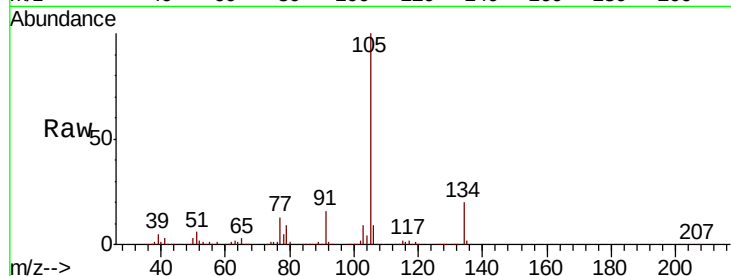
VSTDCCC050EC

Tot Ion:105 Resp: 729066

Ion Ratio Lower Upper

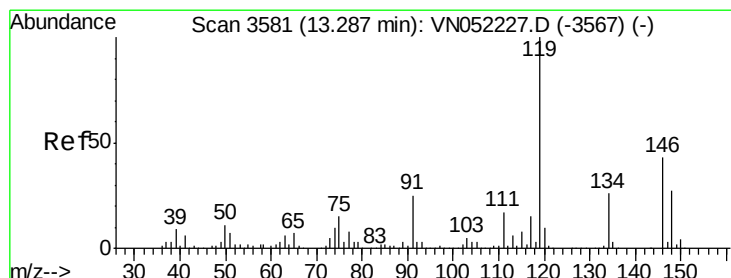
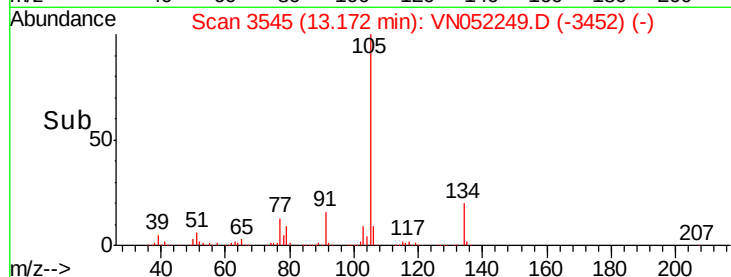
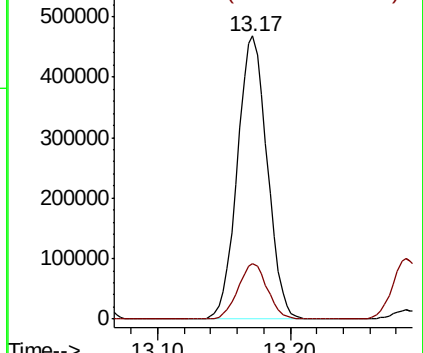
105 100

134 19.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.638 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

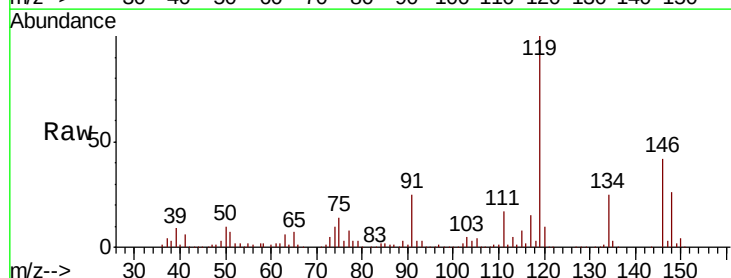
Tgt Ion:119 Resp: 609806

Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.6

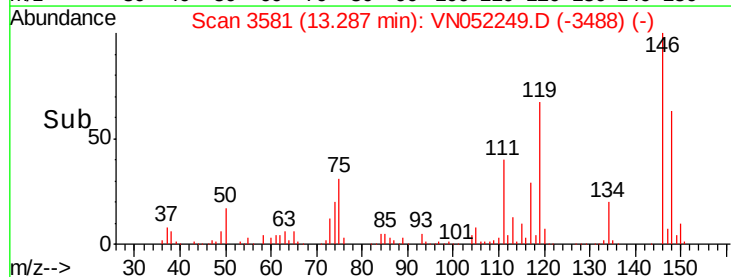
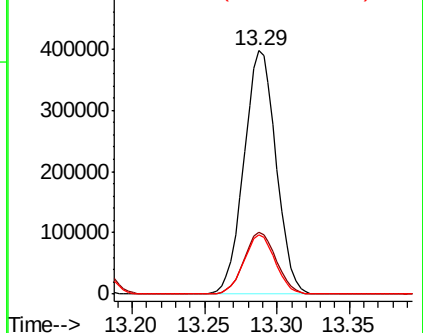
91 24.1 12.4 37.0

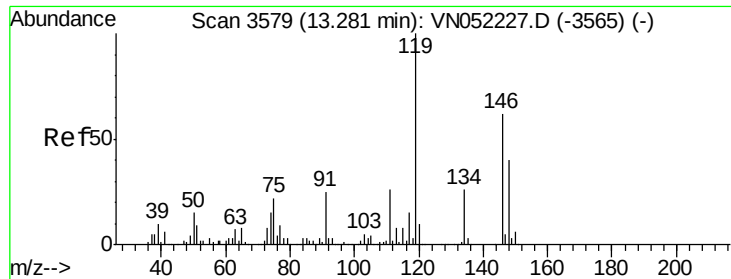


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

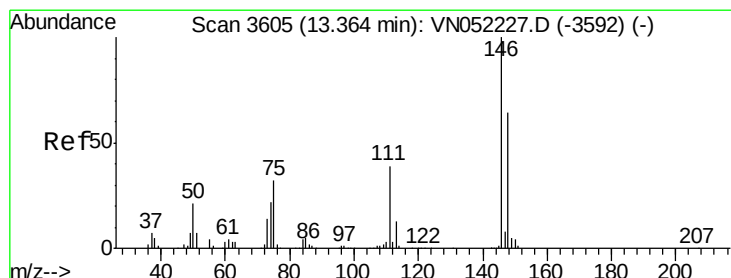
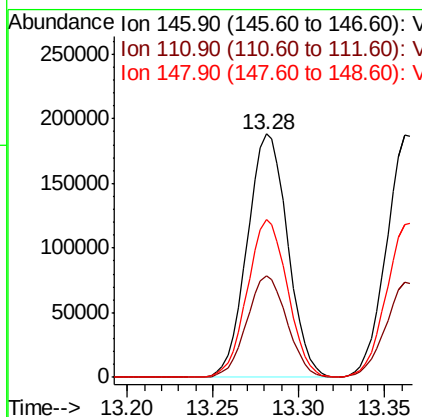
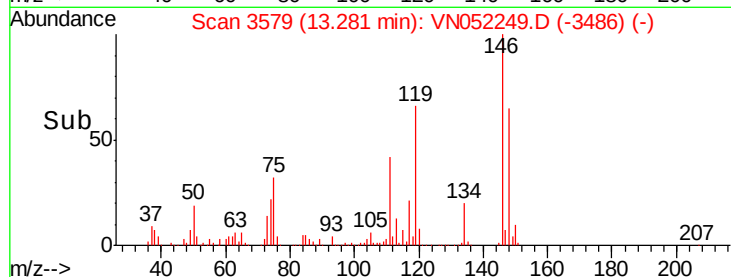
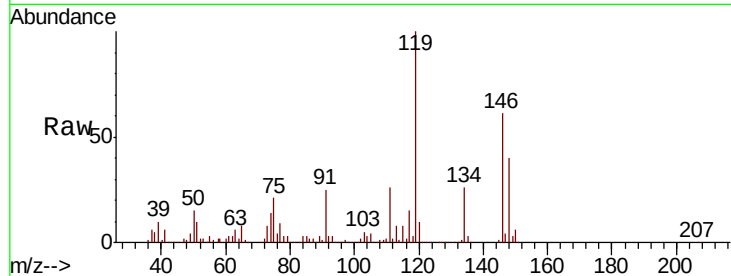




#87
 1,3-Dichlorobenzene
 Concen: 46.987 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

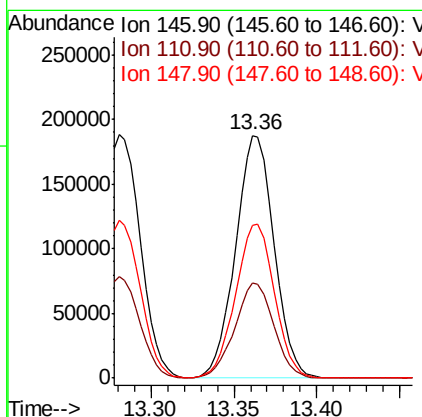
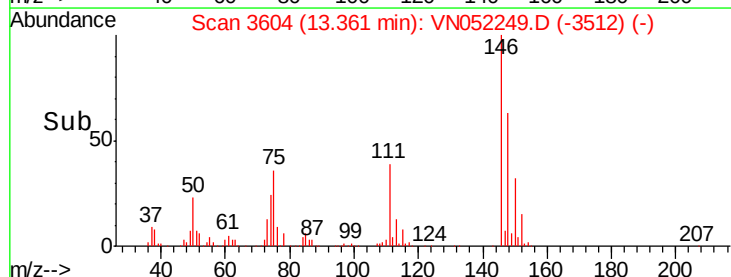
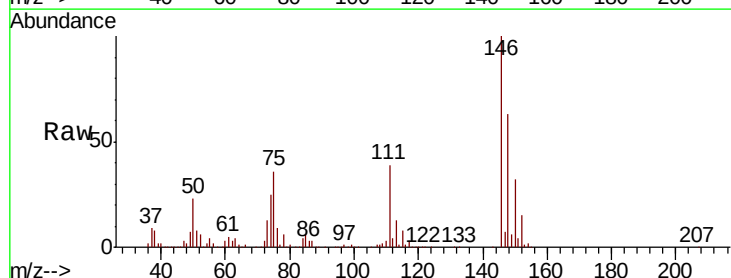
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

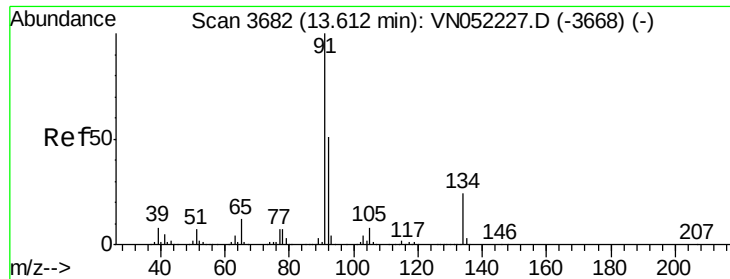
Tot Ion:146 Resp: 307690
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.1 60.3
 148 64.3 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 46.242 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion:146 Resp: 303146
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.2 60.6
 148 63.9 32.1 96.3

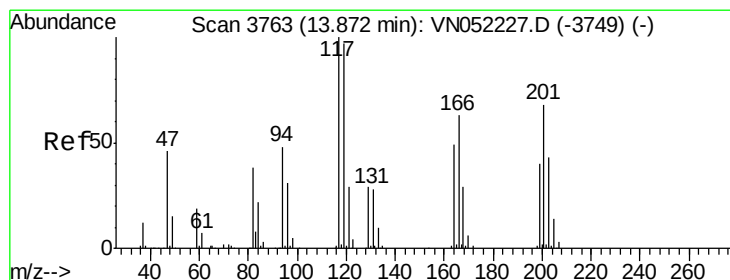
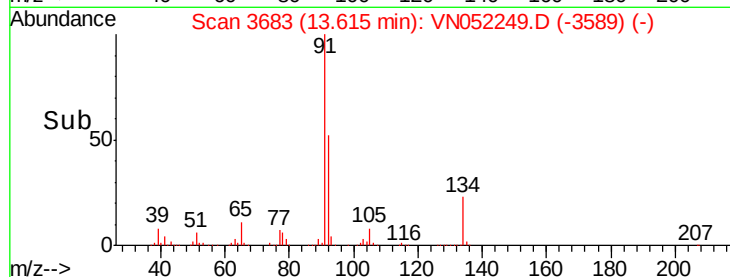
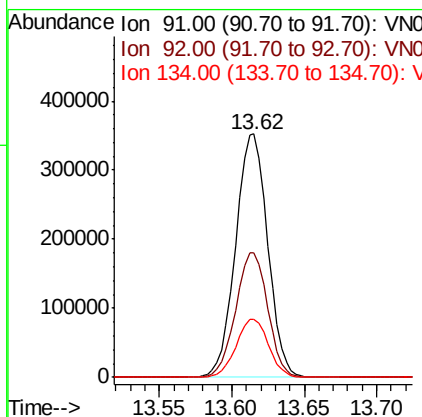
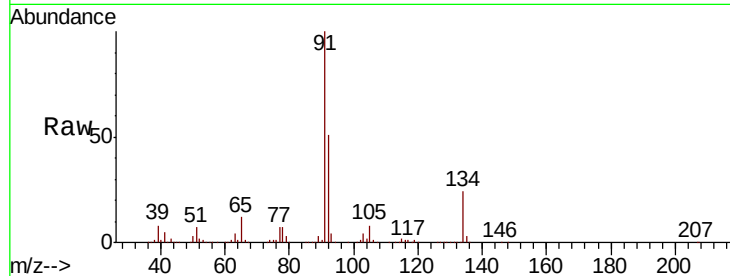




#89
n-Butylbenzene
Concen: 47.394 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

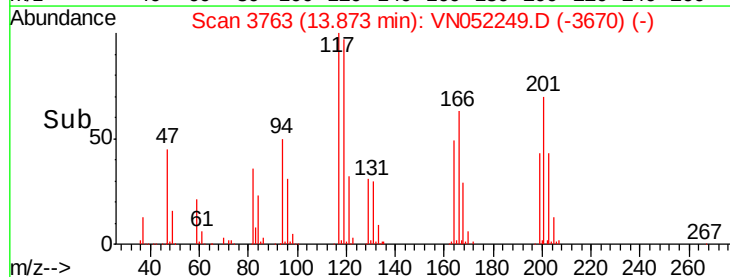
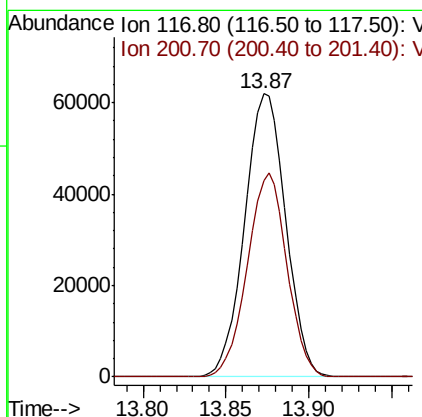
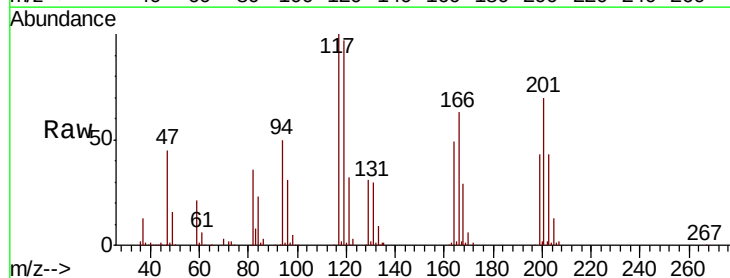
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

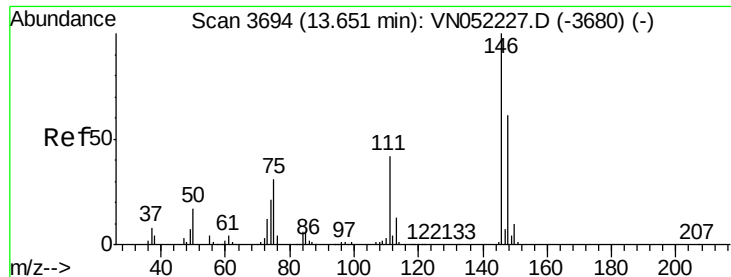
Tot Ion: 91 Resp: 540210
Ion Ratio Lower Upper
91 100
92 51.2 25.1 75.3
134 24.2 12.0 36.1



#90
Hexachloroethane
Concen: 47.519 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion: 117 Resp: 106764
Ion Ratio Lower Upper
117 100
201 69.3 34.6 103.9

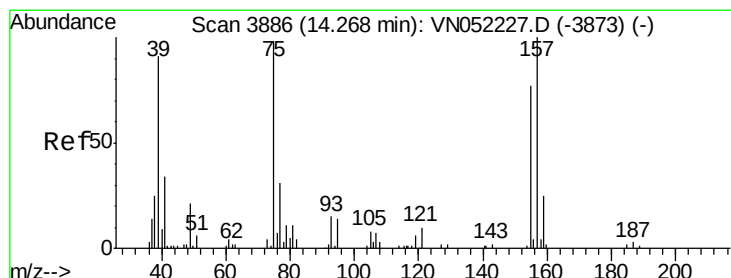
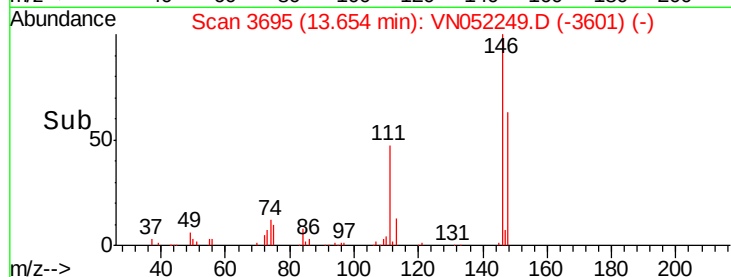
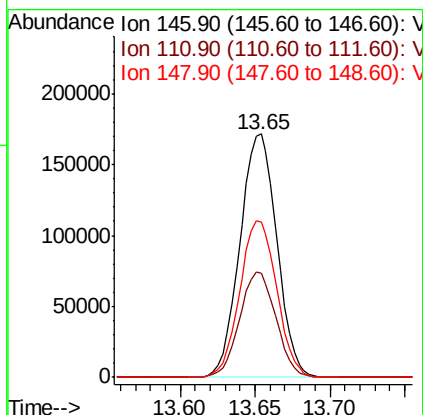
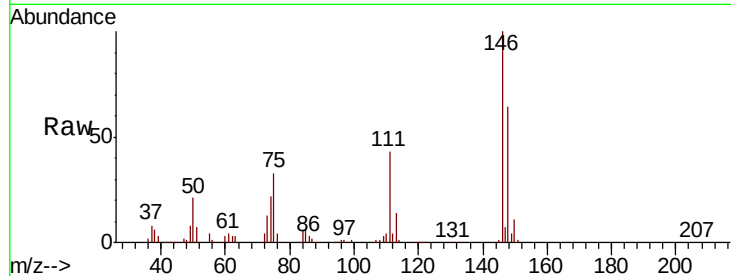




#91
 1,2-Dichlorobenzene
 Concen: 46.108 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

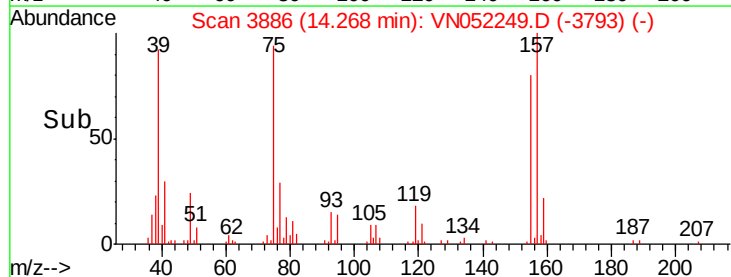
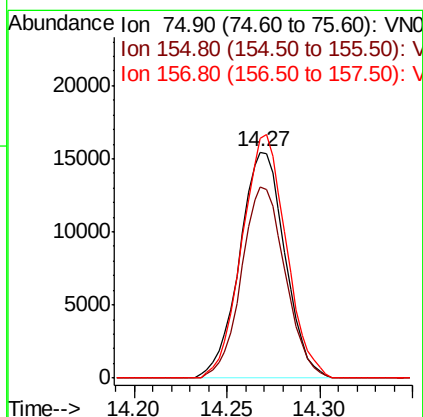
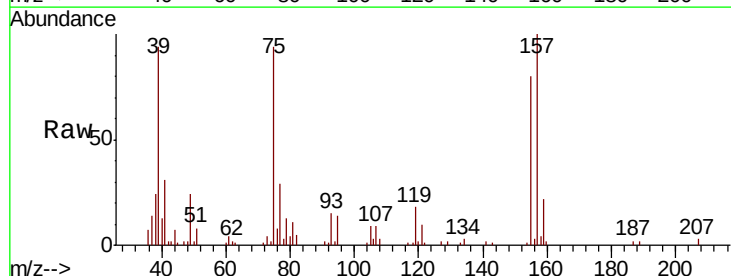
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

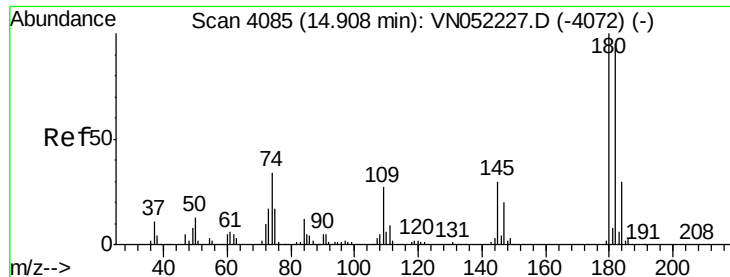
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.3
148	64.4	31.3	93.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.855 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052249.D
 Acq: 10 Nov 2018 1:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	40.2	120.5
157	104.8	51.7	155.2





#93

1,2,4-Trichlorobenzene

Concen: 52.649 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

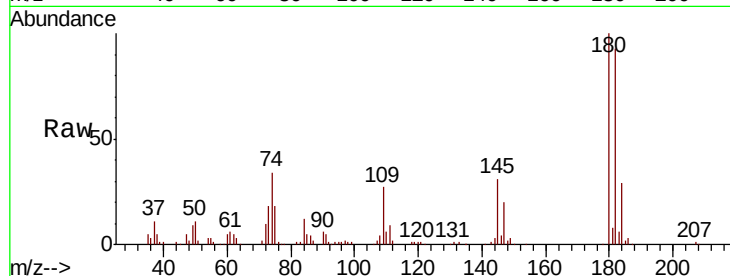
Tot Ion:180 Resp: 133049

Ion Ratio Lower Upper

180 100

182 94.4 47.3 142.0

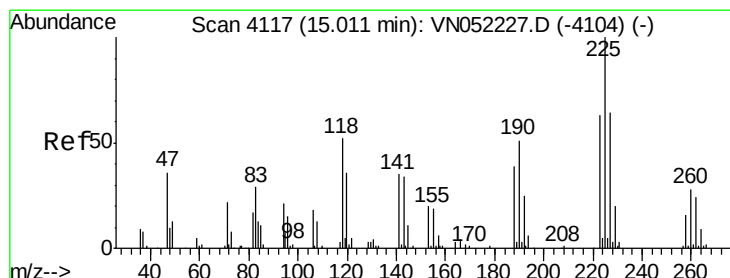
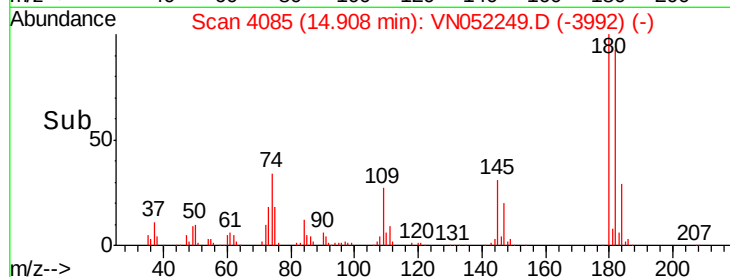
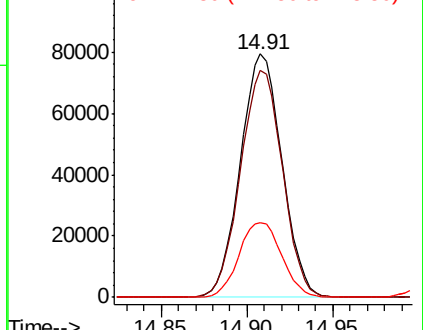
145 31.7 15.6 46.8



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: 47.387 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN052249.D

Acq: 10 Nov 2018 1:10

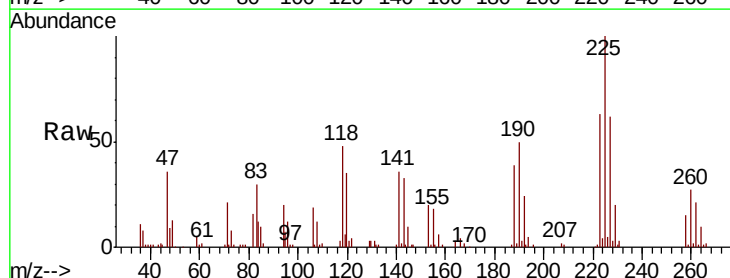
Tgt Ion:225 Resp: 65072

Ion Ratio Lower Upper

225 100

223 65.0 32.1 96.3

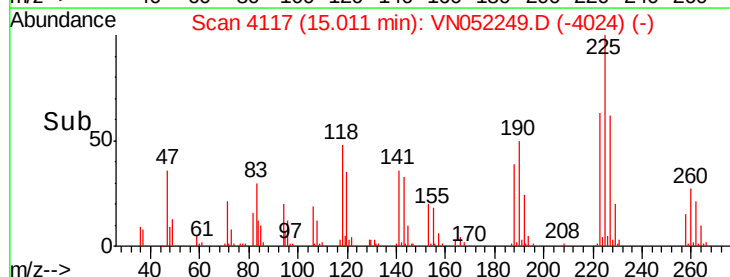
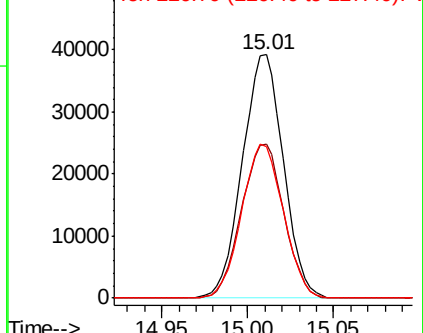
227 64.1 31.8 95.4

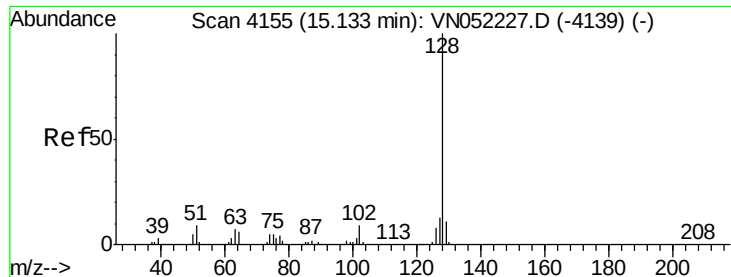


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

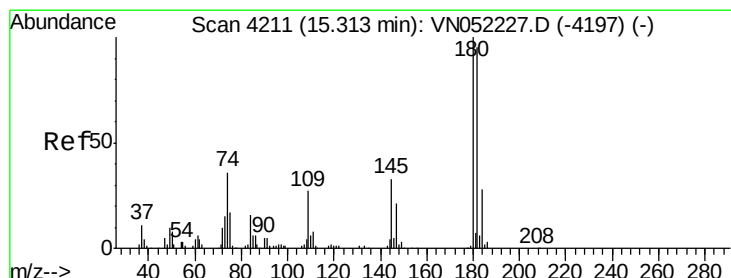
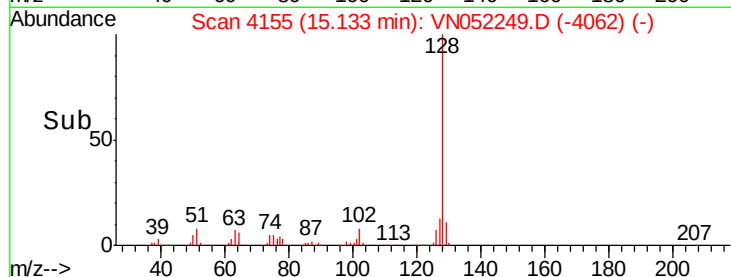
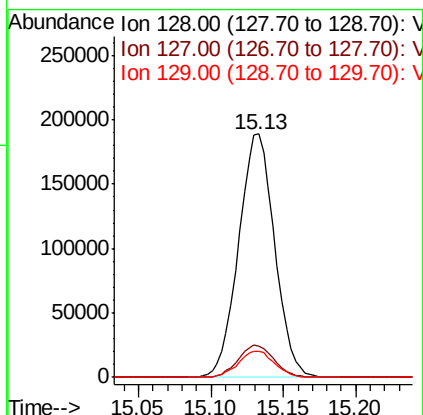
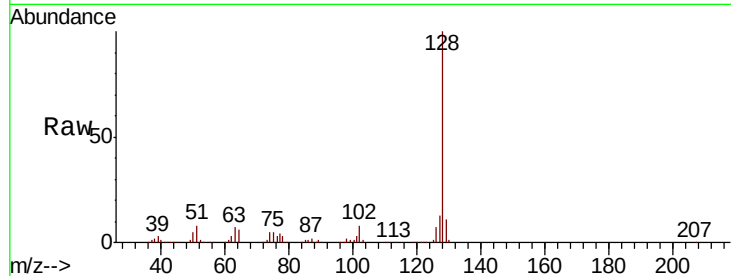




#95
Naphthalene
Concen: 52.425 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 326519
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.473 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052249.D
Acq: 10 Nov 2018 1:10

Tgt Ion:180 Resp: 120592
Ion Ratio Lower Upper
180 100
182 96.4 47.7 143.1
145 32.4 16.8 50.3

