

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063857.D
 Acq On : 3 Oct 2020 6:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 05 04:26:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	229200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	376820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	218941	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
35) Dibromofluoromethane	7.55	113	145114	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.06	98	516596	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.38	95	195801	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	108438	44.838	ug/l	99
3) Chloromethane	2.04	50	145323	51.211	ug/l	100
4) Vinyl Chloride	2.16	62	140103	49.185	ug/l	100
5) Bromomethane	2.52	94	93977	52.451	ug/l	97
6) Chloroethane	2.67	64	93995	55.223	ug/l	98
7) Trichlorofluoromethane	2.98	101	216244	47.867	ug/l	96
8) Diethyl Ether	3.37	74	87889	57.525	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	105357	43.633	ug/l	98
10) Methyl Iodide	3.91	142	164520	58.681	ug/l	99
11) Tert butyl alcohol	4.73	59	144722	346.186	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	111763	48.424	ug/l	97
13) Acrolein	3.56	56	65538	255.435	ug/l	98
14) Allyl chloride	4.28	41	230819	53.832	ug/l	95
15) Acrylonitrile	4.93	53	370668	309.759	ug/l	98
16) Acetone	3.77	43	357674	306.853	ug/l	98
17) Carbon Disulfide	4.01	76	298020	47.805	ug/l	98
18) Methyl Acetate	4.27	43	195257	64.518	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	486968	58.075	ug/l	99
20) Methylene Chloride	4.50	84	151292	56.654	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	129475	50.084	ug/l	96
22) Diisopropyl ether	5.90	45	525916	59.615	ug/l	97
23) Vinyl Acetate	5.84	43	2230420	305.214	ug/l	99
24) 1,1-Dichloroethane	5.79	63	275455	54.609	ug/l	98
25) 2-Butanone	6.78	43	549198	332.331	ug/l	99
26) 2,2-Dichloropropane	6.78	77	154626	33.474	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	160290	53.912	ug/l	95
28) Bromochloromethane	7.15	49	145999	58.562	ug/l	98
29) Tetrahydrofuran	7.16	42	366744	330.888	ug/l	97
30) Chloroform	7.33	83	297021	56.474	ug/l	96
31) Cyclohexane	7.61	56	182061	41.415	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	251254	52.964	ug/l	99
36) 1,1-Dichloropropene	7.75	75	184066	44.338	ug/l	99
37) Ethyl Acetate	6.88	43	231994	56.248	ug/l	99
38) Carbon Tetrachloride	7.73	117	208971	44.890	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155337	37.521	ug/l	97
40) Benzene	8.00	78	582694	49.141	ug/l	99
41) Methacrylonitrile	7.12	41	100419	54.781	ug/l #	67
42) 1,2-Dichloroethane	8.08	62	269123	53.170	ug/l	98
43) Isopropyl Acetate	8.13	43	392564	57.703	ug/l #	93
44) Trichloroethene	8.80	130	142384	45.829	ug/l	100
45) 1,2-Dichloropropane	9.08	63	167601	52.337	ug/l	99
46) Dibromomethane	9.17	93	115483	52.275	ug/l	99
47) Bromodichloromethane	9.37	83	240460	52.815	ug/l	100
48) Methyl methacrylate	9.16	41	202871	60.357	ug/l	92
49) 1,4-Dioxane	9.16	88	59545	1246.491	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1225394	306.930	ug/l	99
52) Toluene	10.13	92	360969	49.216	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	243874	49.970	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	249950	48.971	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	158978	54.050	ug/l	98
56) Ethyl methacrylate	10.40	69	239710	57.496	ug/l	97
57) 1,3-Dichloropropane	10.68	76	271081	54.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	653609	293.080	ug/l	99
59) 2-Hexanone	10.72	43	907484	305.981	ug/l	99
60) Dibromochloromethane	10.87	129	182881	53.390	ug/l	100
61) 1,2-Dibromoethane	10.98	107	165603	55.041	ug/l	98
64) Tetrachloroethene	10.60	164	131006	44.937	ug/l	97
65) Chlorobenzene	11.41	112	383001	49.549	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	156553	52.829	ug/l	99
67) Ethyl Benzene	11.48	91	678896	48.267	ug/l	100
68) m/p-Xylenes	11.59	106	507091	96.734	ug/l	99
69) o-Xylene	11.92	106	247442	50.502	ug/l	99
70) Styrene	11.94	104	440604	52.976	ug/l	99
71) Bromoform	12.10	173	127985	56.470	ug/l #	99
73) Isopropylbenzene	12.22	105	631110	47.573	ug/l	100
74) N-amyl acetate	12.05	43	350749	56.580	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	232145	57.226	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	311446	77.680	ug/l #	100
77) Bromobenzene	12.50	156	167699	51.518	ug/l	96
78) n-propylbenzene	12.57	91	719861	46.626	ug/l	99
79) 2-Chlorotoluene	12.65	91	467263	49.210	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	538767	48.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	70093	50.352	ug/l	98
82) 4-Chlorotoluene	12.75	91	490495	49.760	ug/l	99
83) tert-Butylbenzene	12.97	119	429842	47.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	556442	50.076	ug/l	98
85) sec-Butylbenzene	13.14	105	536160	44.840	ug/l	100
86) p-Isopropyltoluene	13.26	119	490285	46.349	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	290178	49.274	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	296824	48.408	ug/l	98
89) n-Butylbenzene	13.59	91	403149	41.293	ug/l	99
90) Hexachloroethane	13.85	117	95273	46.480	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	297903	51.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54758	57.558	ug/l	98

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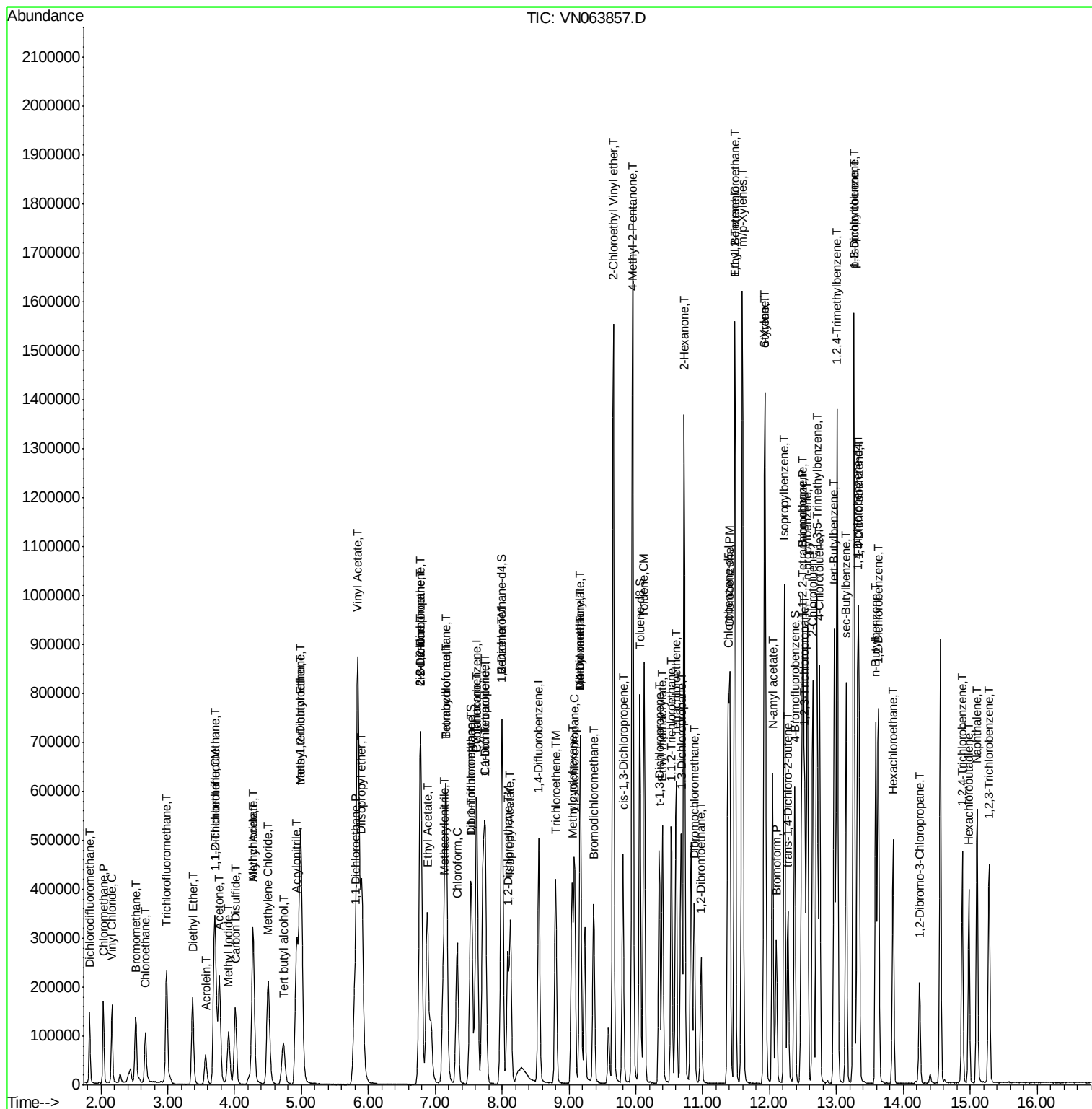
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	138756	43.965	ug/l	96
94) Hexachlorobutadiene	14.98	225	68543	43.349	ug/l	98
95) Naphthalene	15.10	128	460408	47.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	134972	44.067	ug/l	98

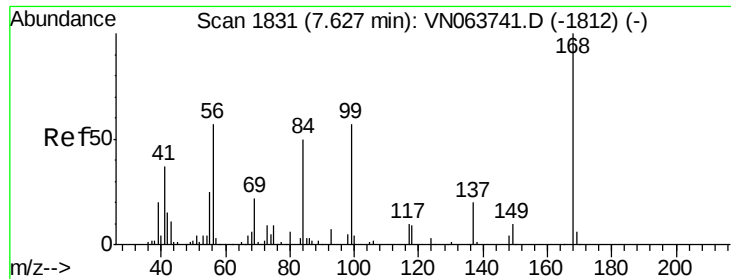
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

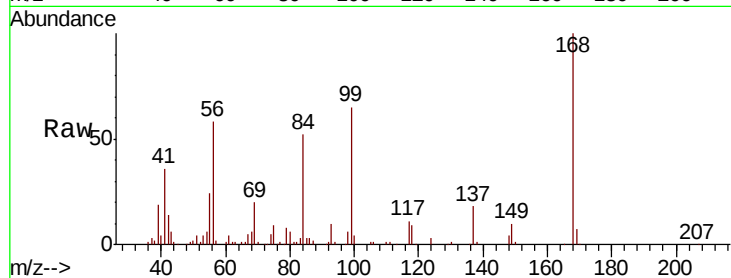
VSTDCCC050EC

Tot Ion:168 Resp: 229200

Ion Ratio Lower Upper

168 100

99 64.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

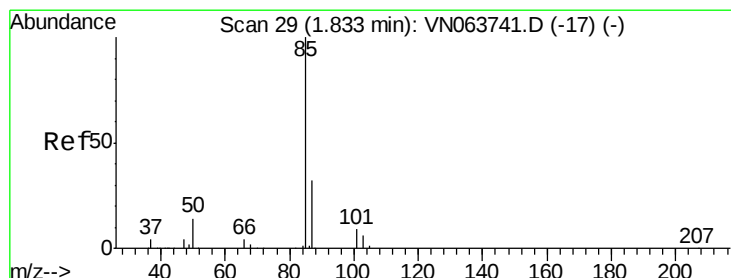
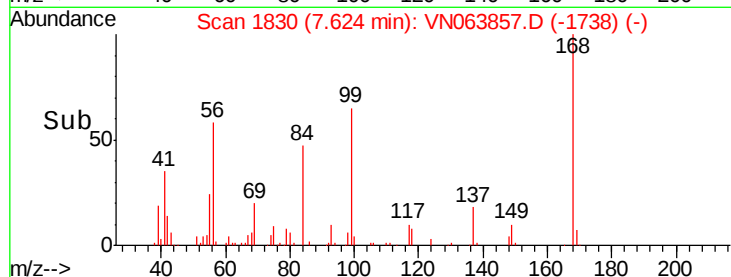
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.838 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063857.D

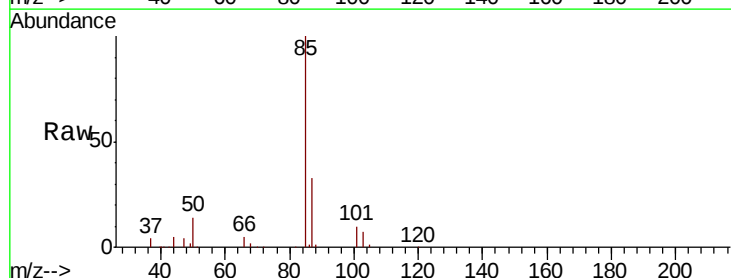
Acq: 3 Oct 2020 6:44

Tgt Ion: 85 Resp: 108438

Ion Ratio Lower Upper

85 100

87 32.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

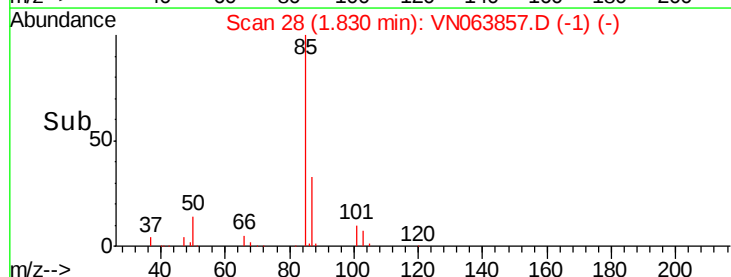
60000

40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 51.211 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

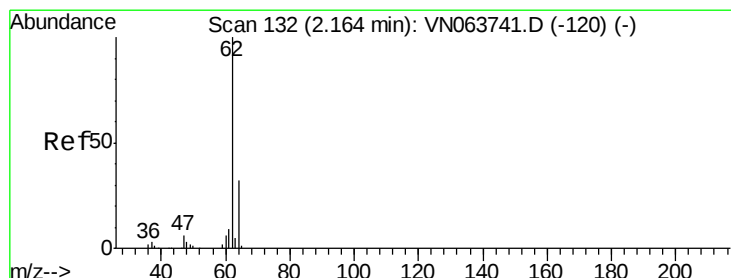
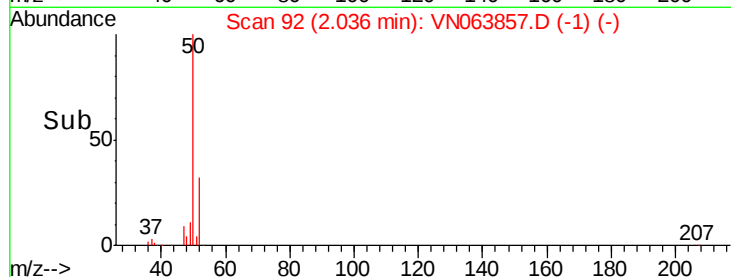
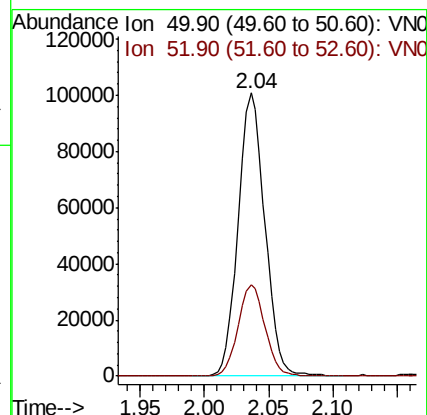
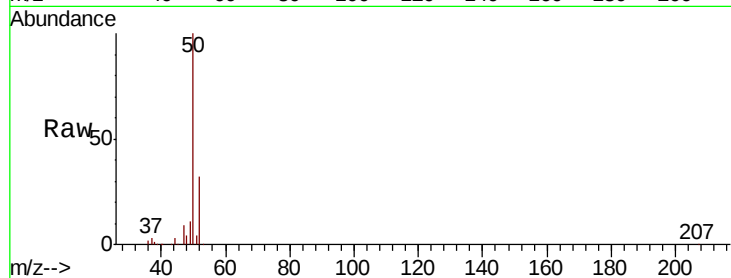
VSTDCCC050EC

Tot Ion: 50 Resp: 145323

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 49.185 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063857.D

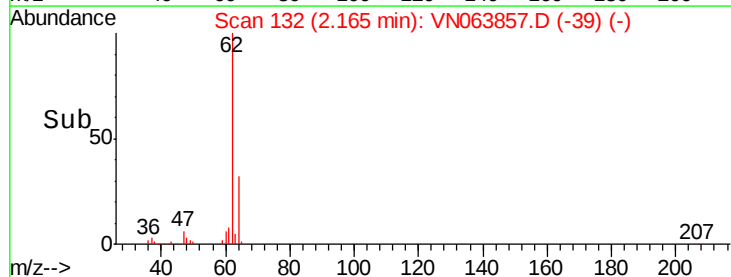
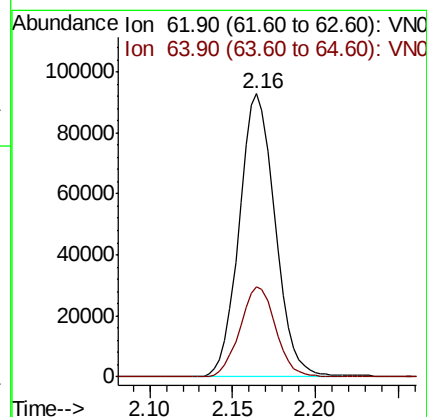
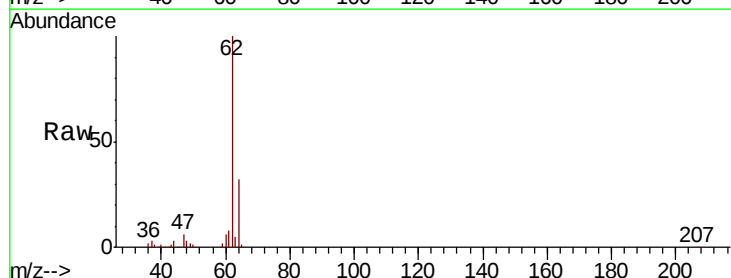
Acq: 3 Oct 2020 6:44

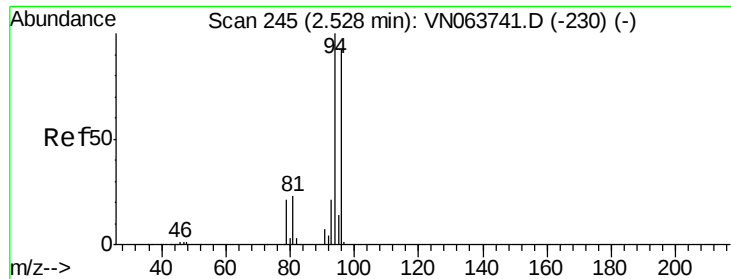
Tgt Ion: 62 Resp: 140103

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 52.451 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

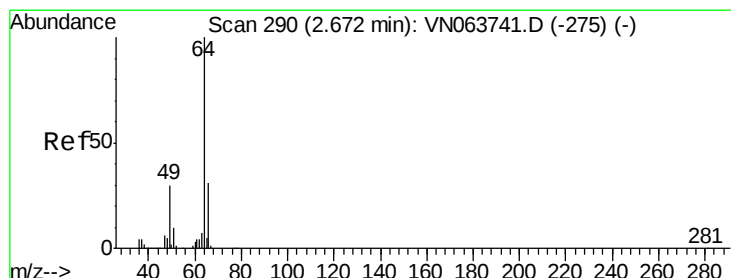
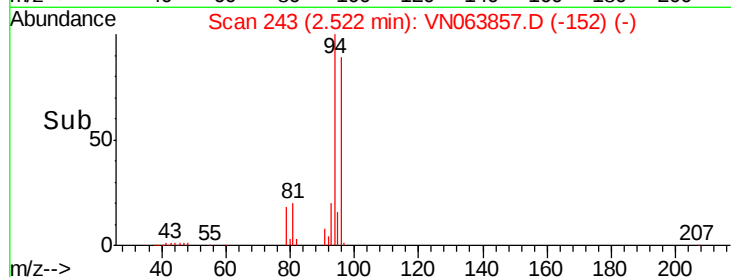
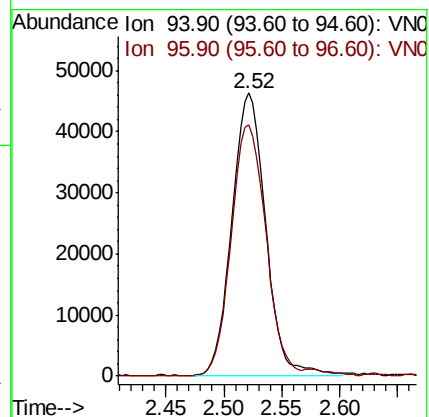
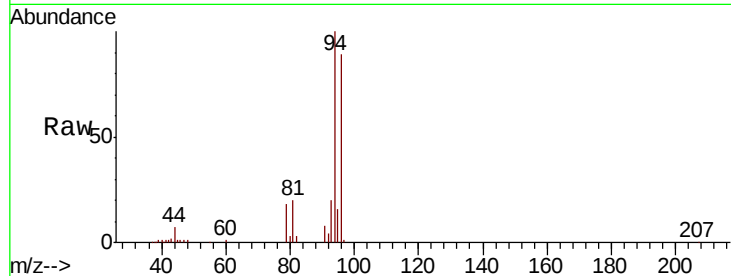
VSTDCCC050EC

Tot Ion: 94 Resp: 93977

Ion Ratio Lower Upper

94 100

96 88.5 73.3 109.9



#6

Chloroethane

Concen: 55.223 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063857.D

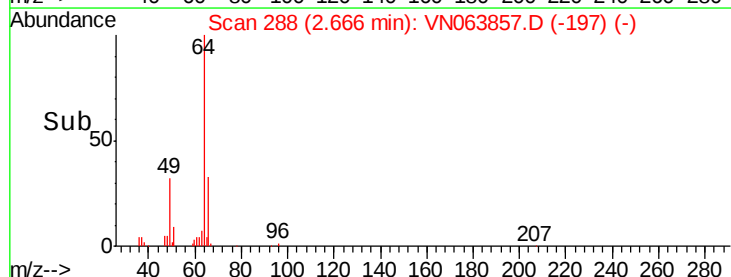
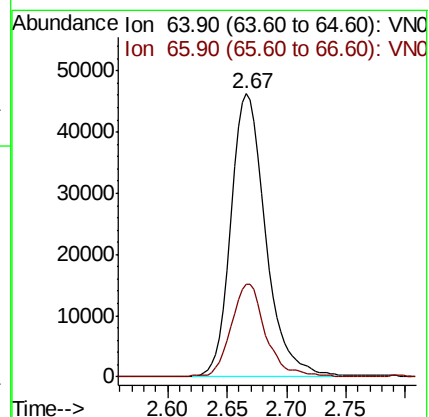
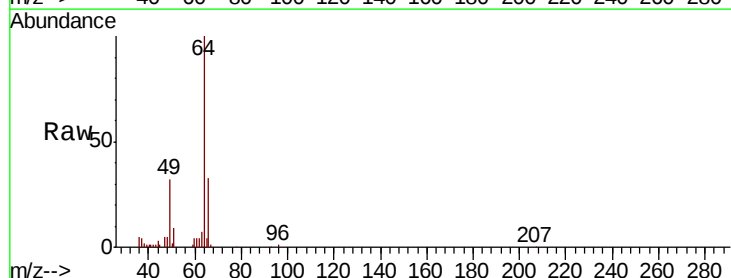
Acq: 3 Oct 2020 6:44

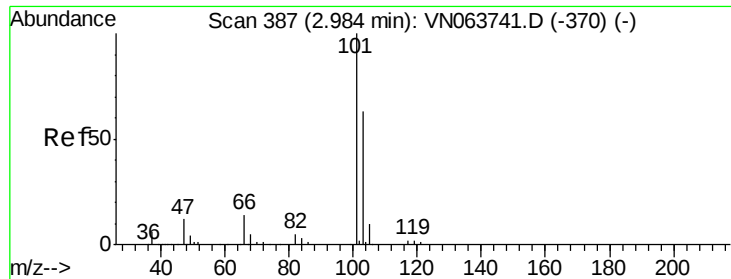
Tgt Ion: 64 Resp: 93995

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7



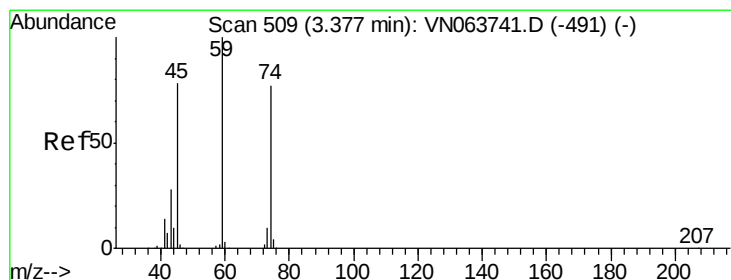
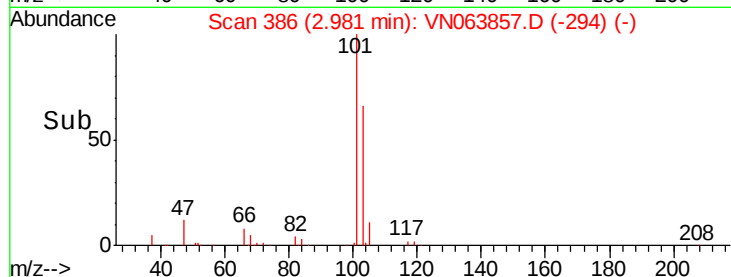
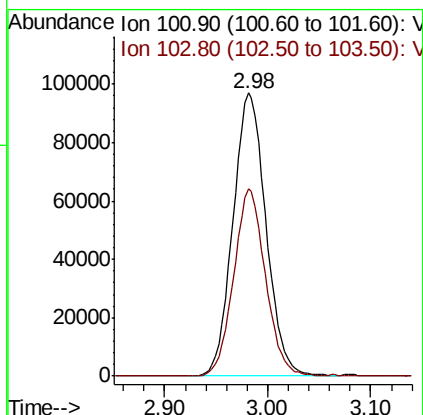
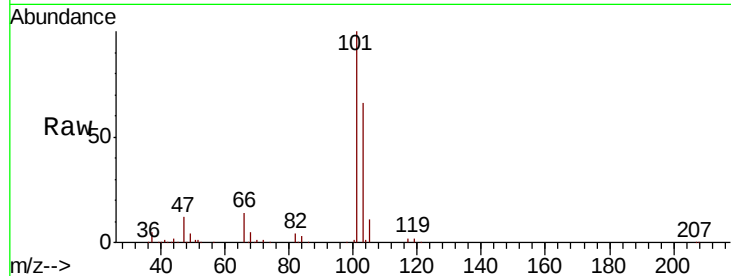


#7

Trichlorofluoromethane
Concen: 47.867 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063857.D
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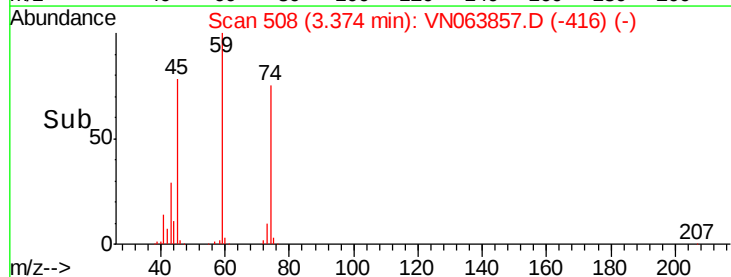
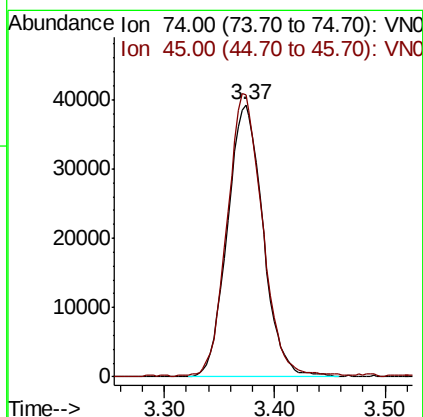
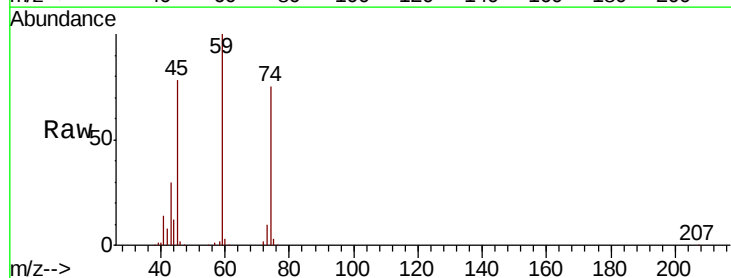
Tot Ion:101 Resp: 216244
Ion Ratio Lower Upper
101 100
103 66.3 50.7 76.1

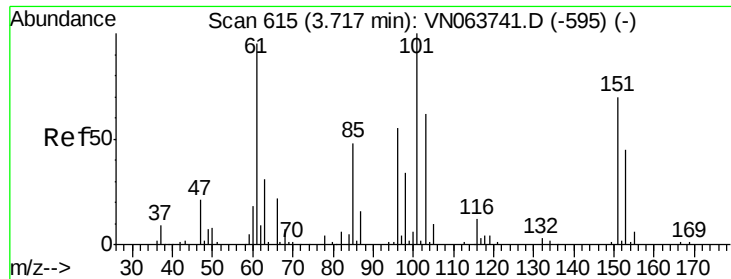


#8

Diethyl Ether
Concen: 57.525 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 74 Resp: 87889
Ion Ratio Lower Upper
74 100
45 102.2 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.633 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

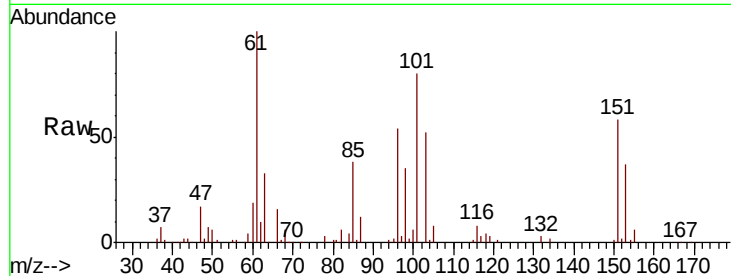
Tot Ion:101 Resp: 105357

Ion Ratio Lower Upper

101 100

85 48.5 38.6 58.0

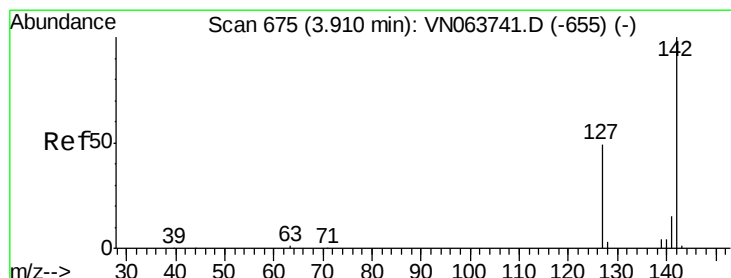
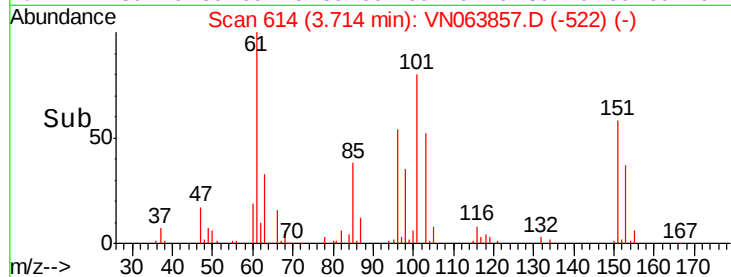
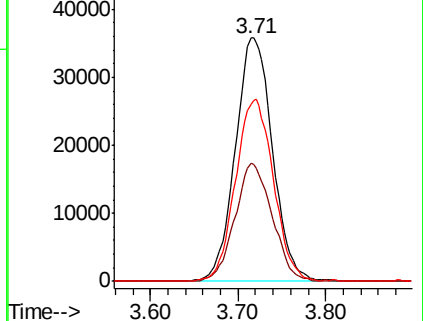
151 76.4 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.681 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

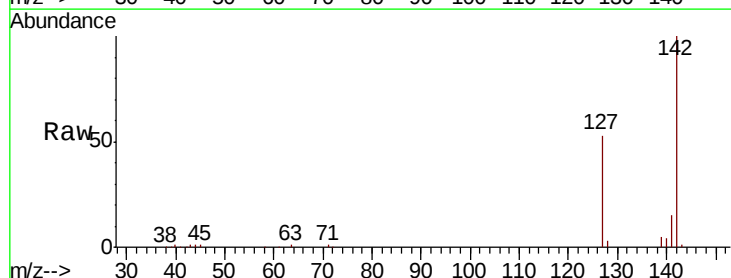
Tgt Ion:142 Resp: 164520

Ion Ratio Lower Upper

142 100

127 51.1 40.5 60.7

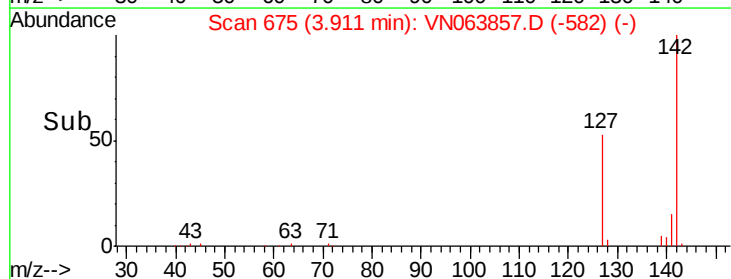
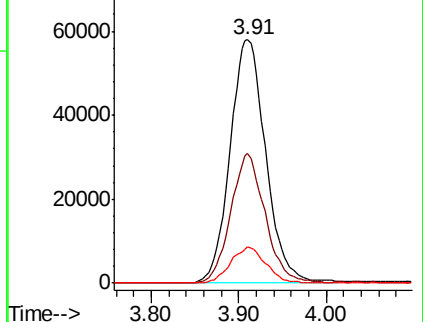
141 14.6 11.7 17.5

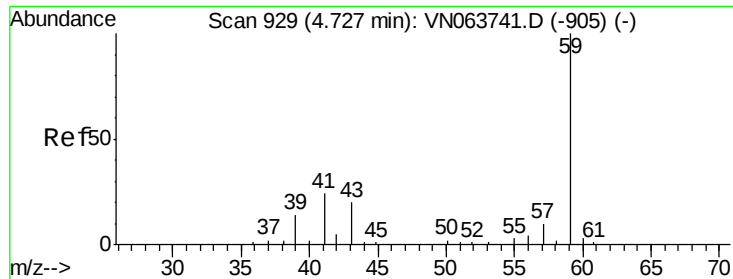


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

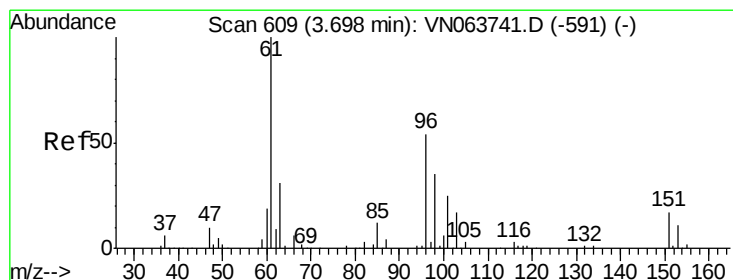
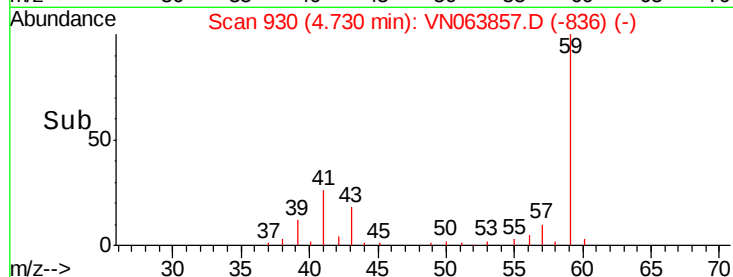
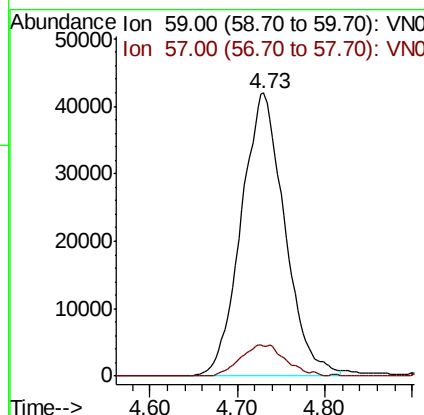
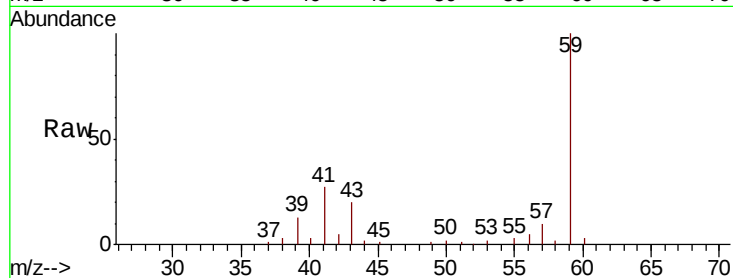




#11
Tert butyl alcohol
Concen: 346.186 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

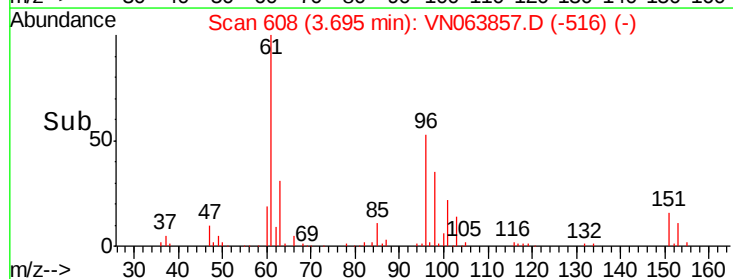
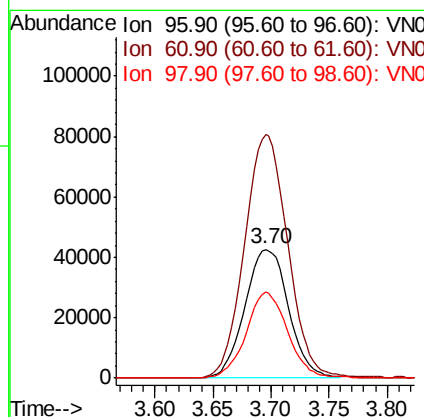
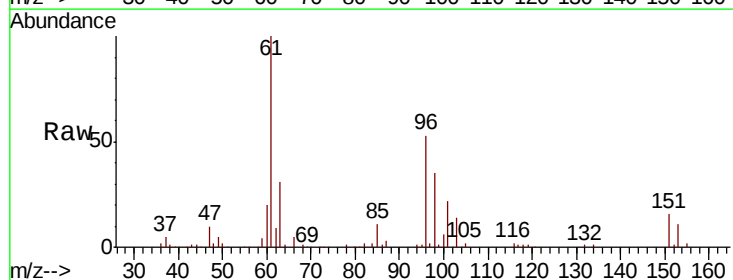
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

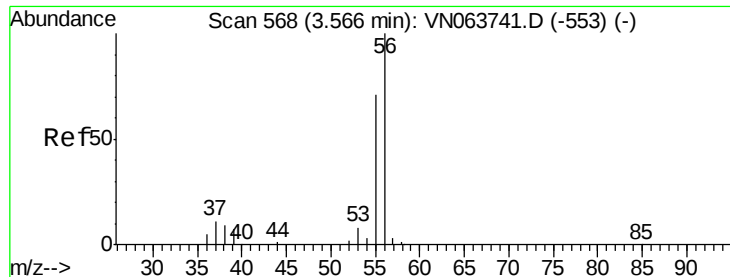
Tot Ion: 59 Resp: 144722
Ion Ratio Lower Upper
59 100
57 6.1 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 48.424 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 96 Resp: 111763
Ion Ratio Lower Upper
96 100
61 189.0 147.7 221.5
98 66.6 51.9 77.9

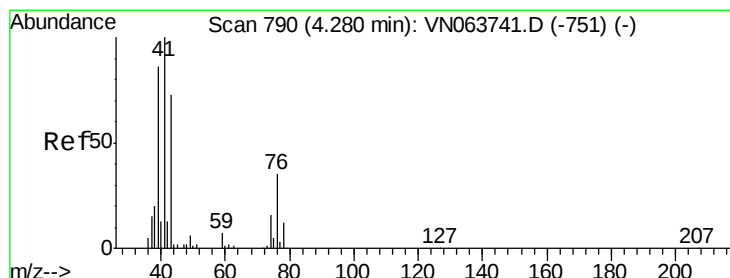
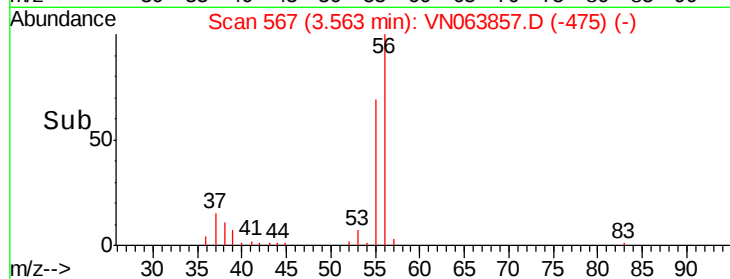
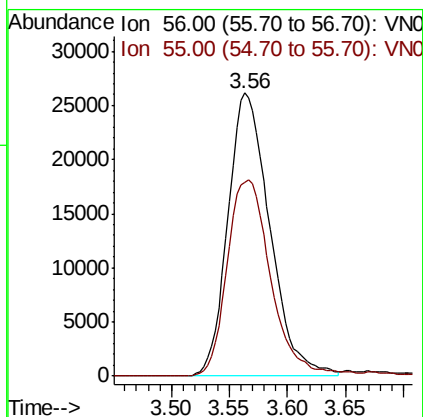
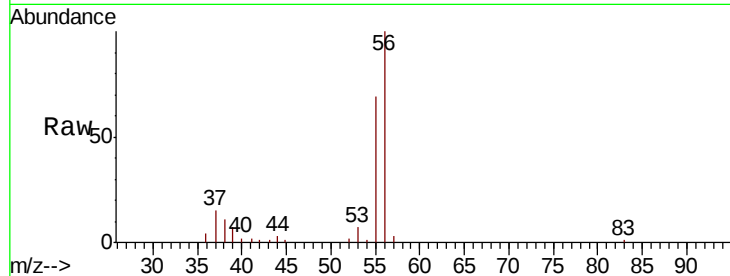




#13
Acrolein
Concen: 255.435 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

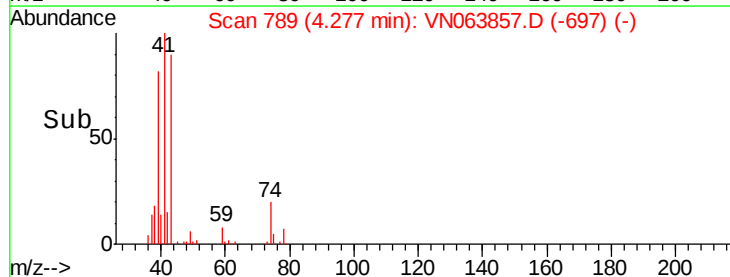
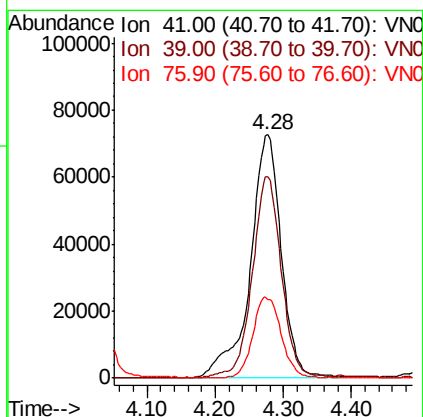
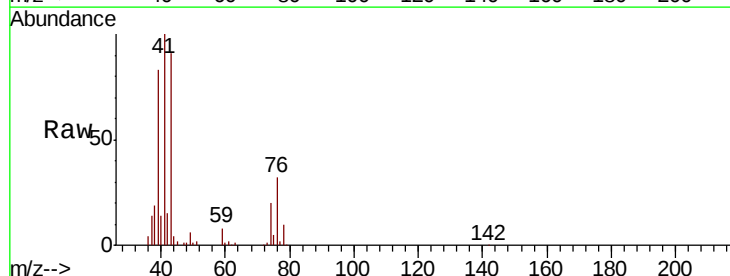
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

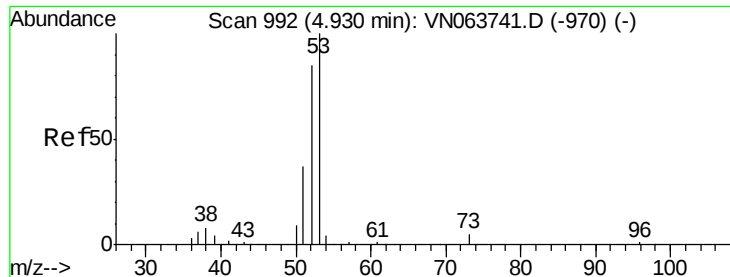
Tot Ion: 56 Resp: 65538
Ion Ratio Lower Upper
56 100
55 72.4 56.9 85.3



#14
Allyl chloride
Concen: 53.832 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 41 Resp: 230819
Ion Ratio Lower Upper
41 100
39 76.8 64.5 96.7
76 29.4 25.9 38.9





#15

Acrylonitrile

Concen: 309.759 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

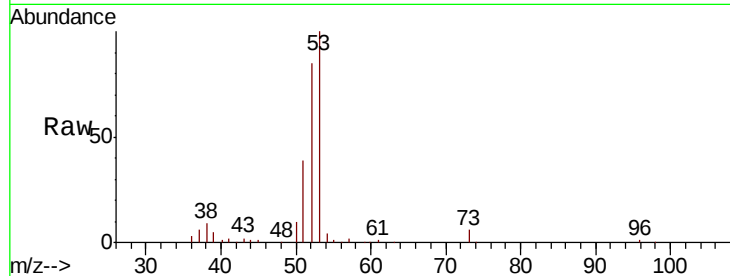
Tot Ion: 53 Resp: 370668

Ion Ratio Lower Upper

53 100

52 84.7 66.5 99.7

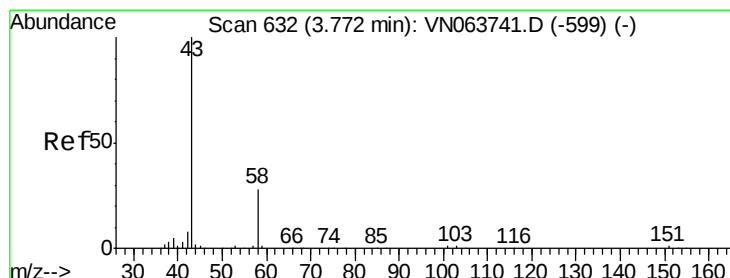
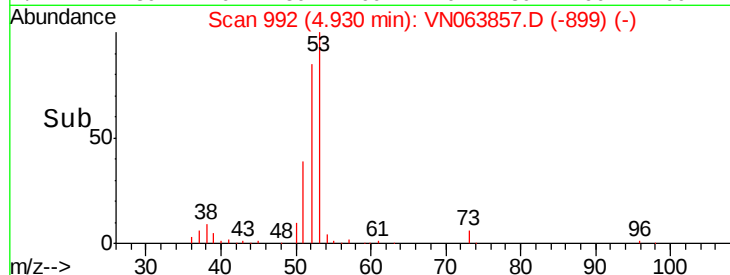
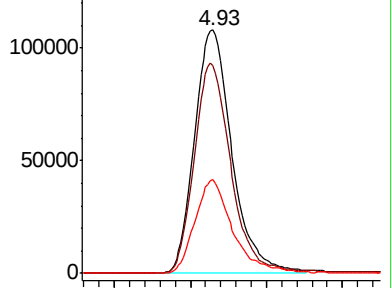
51 38.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063741.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063741.D (-970) (-)



#16

Acetone

Concen: 306.853 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN063857.D

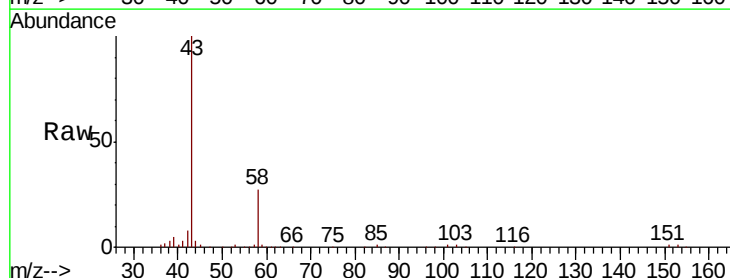
Acq: 3 Oct 2020 6:44

Tgt Ion: 43 Resp: 357674

Ion Ratio Lower Upper

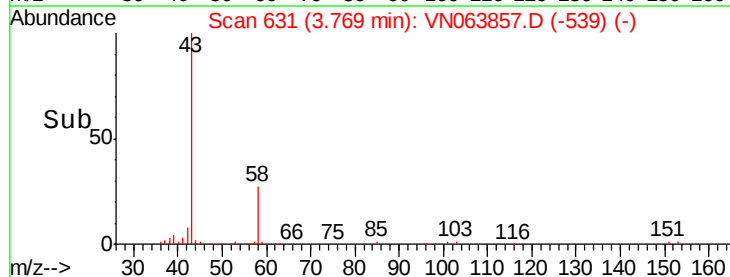
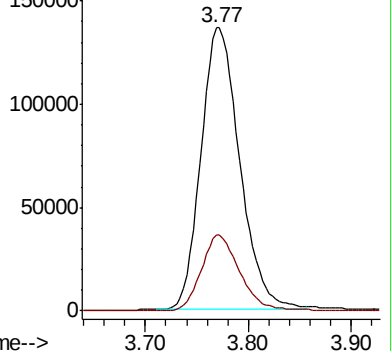
43 100

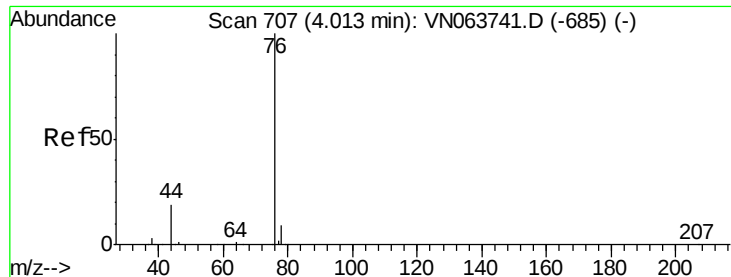
58 26.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

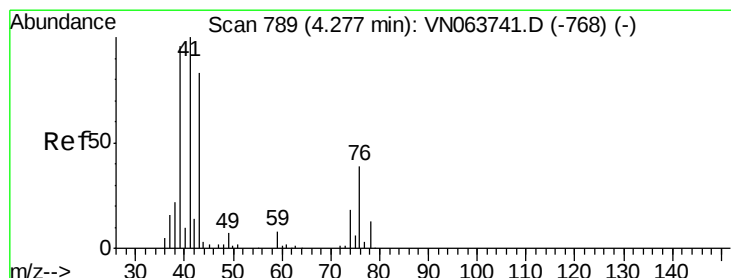
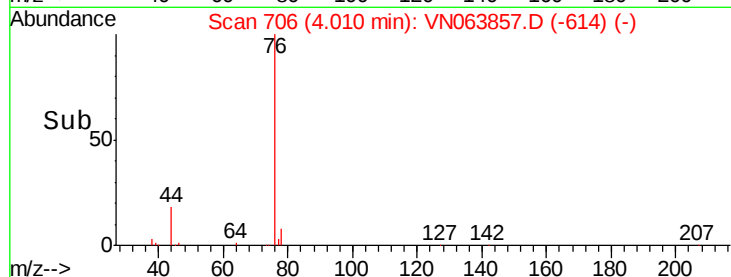
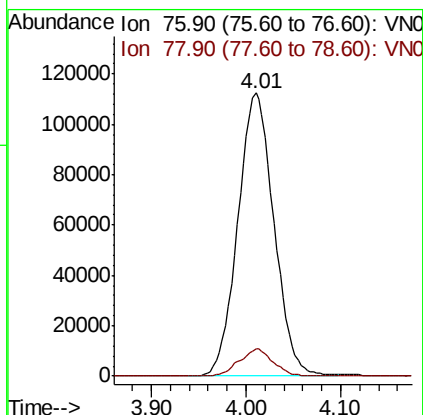
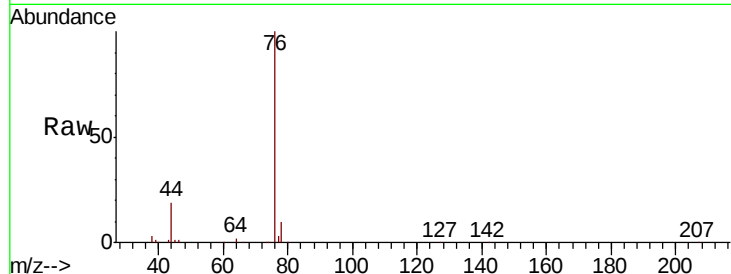




#17
Carbon Disulfide
Concen: 47.805 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

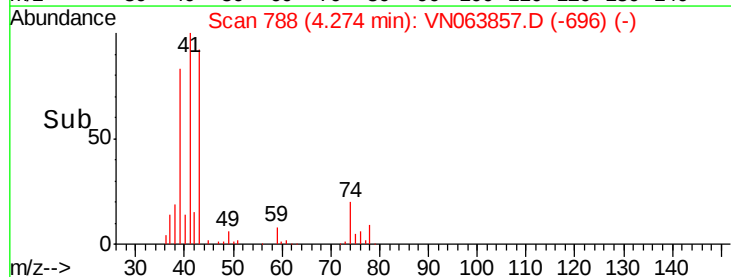
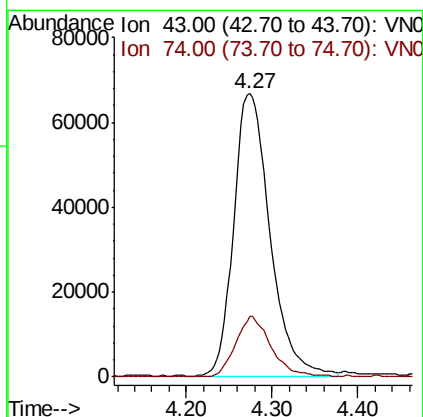
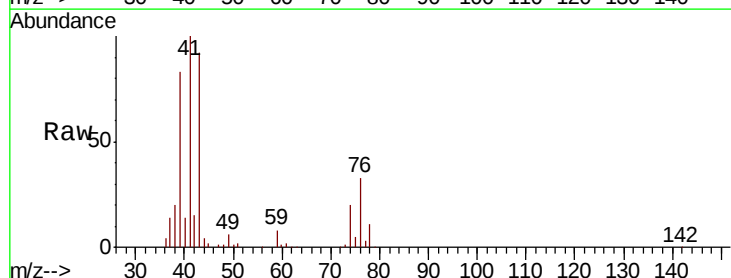
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 298020
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 64.518 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 43 Resp: 195257
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.2

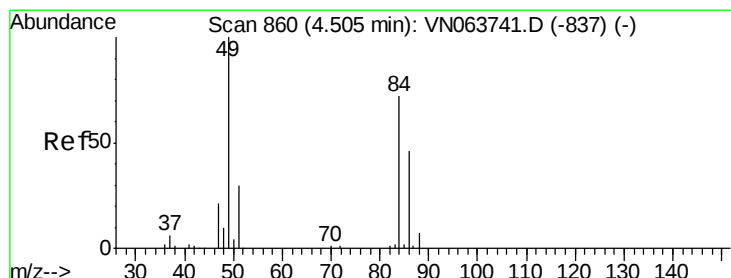
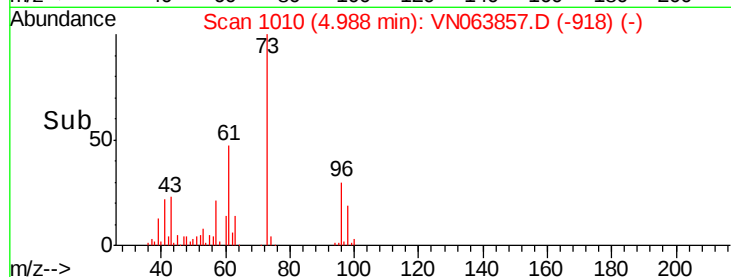
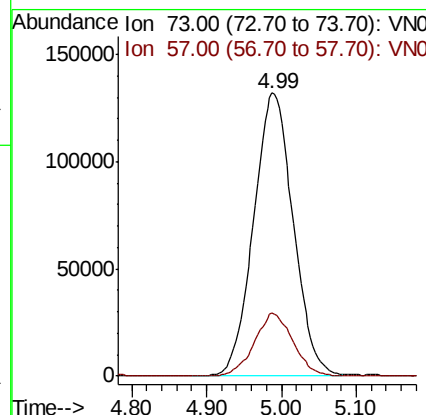
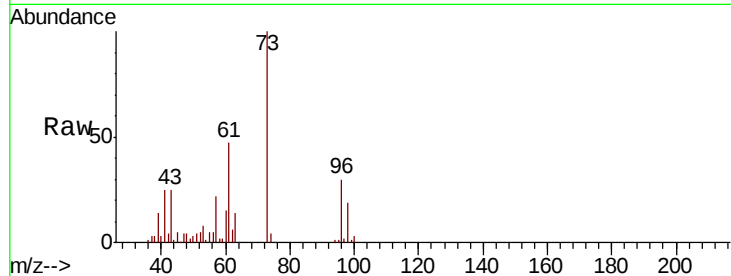




#19
Methyl tert-butyl Ether
Concen: 58.075 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

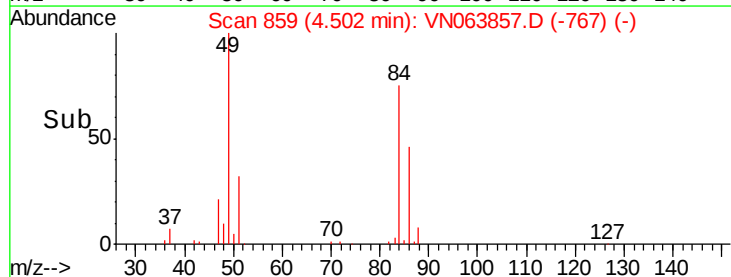
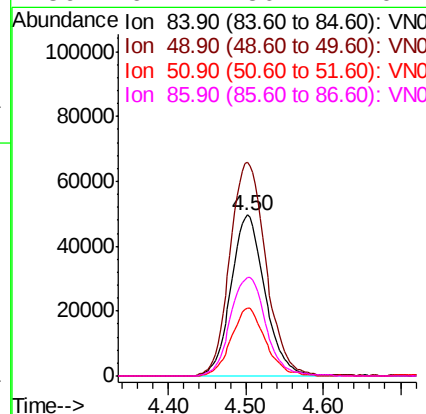
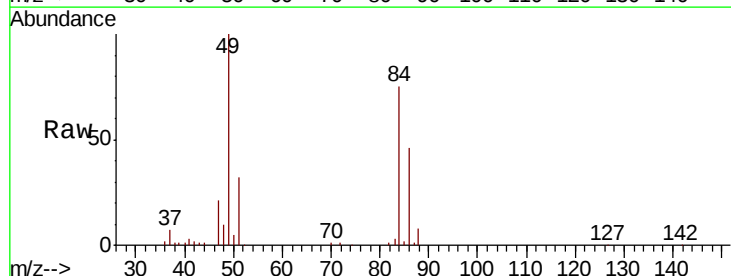
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

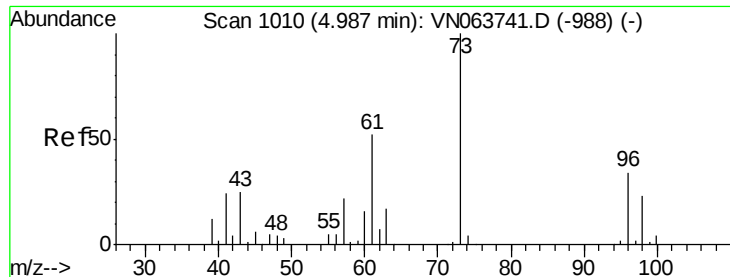
Tot Ion: 73 Resp: 486968
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4



#20
Methylene Chloride
Concen: 56.654 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 84 Resp: 151292
Ion Ratio Lower Upper
84 100
49 132.8 110.4 165.6
51 42.5 33.3 49.9
86 61.2 50.7 76.1

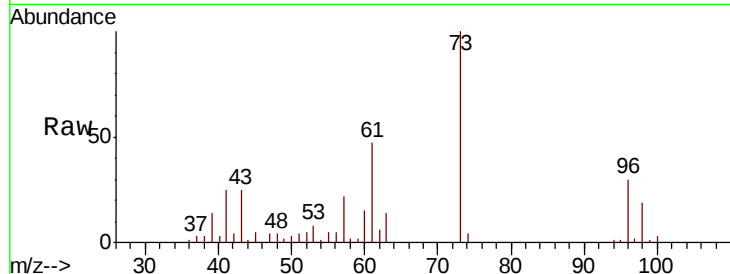




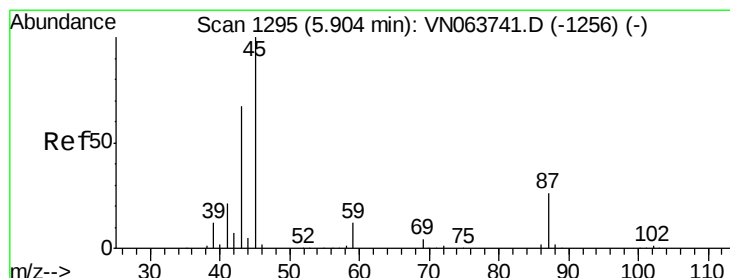
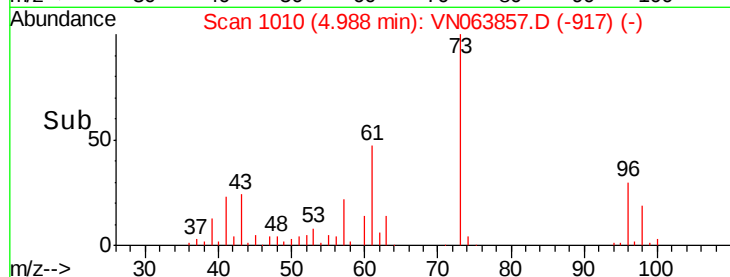
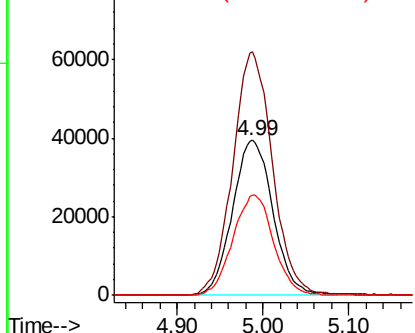
#21
trans-1,2-Dichloroethene
Concen: 50.084 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 129475
Ion Ratio Lower Upper
96 100
61 157.1 120.2 180.2
98 65.0 52.6 79.0

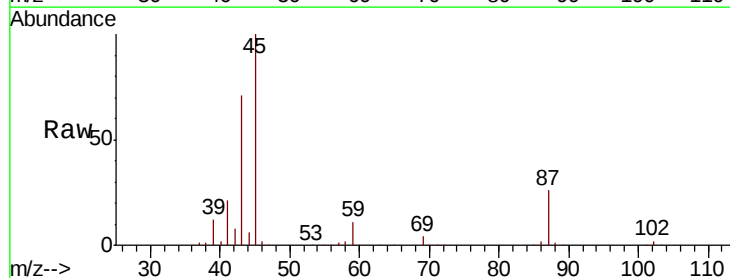


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

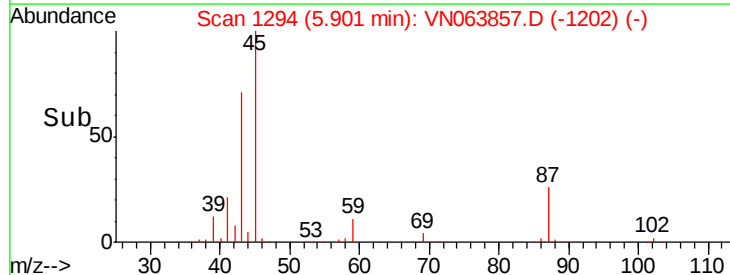
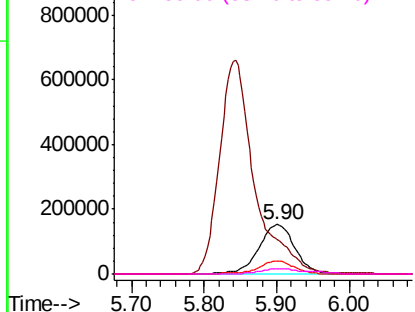


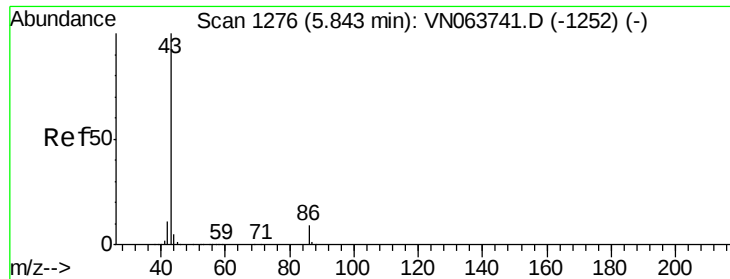
#22
Diisopropyl ether
Concen: 59.615 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 45 Resp: 525916
Ion Ratio Lower Upper
45 100
43 70.3 53.7 80.5
87 25.7 21.1 31.7
59 10.9 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

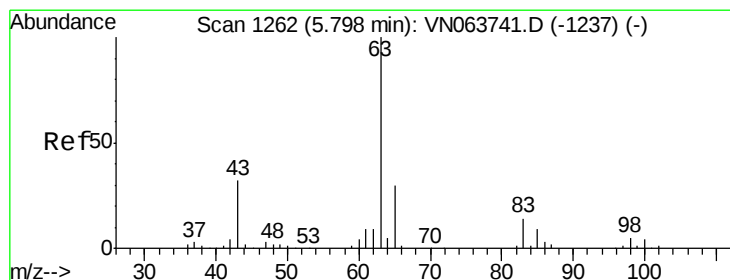
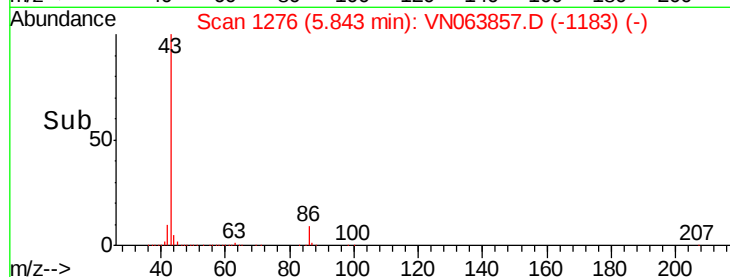
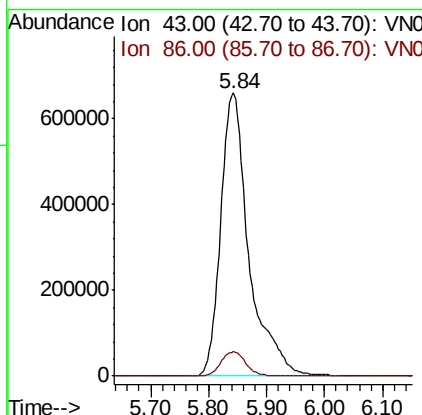
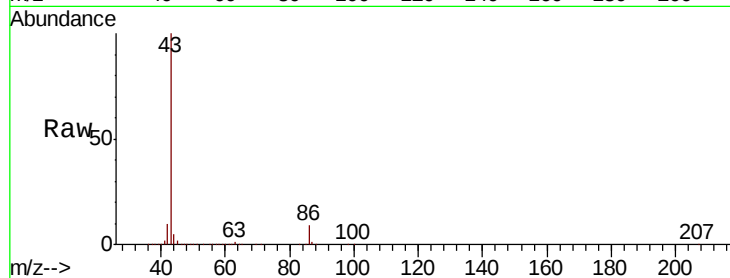




#23
 Vinyl Acetate
 Concen: 305.214 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

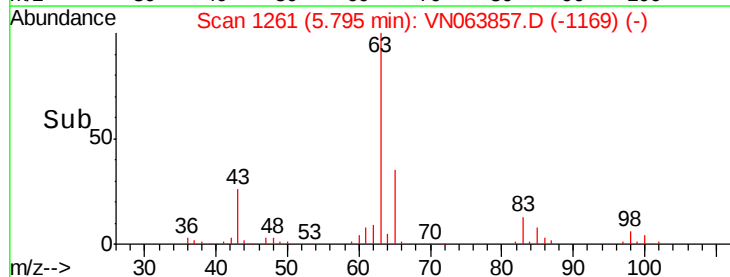
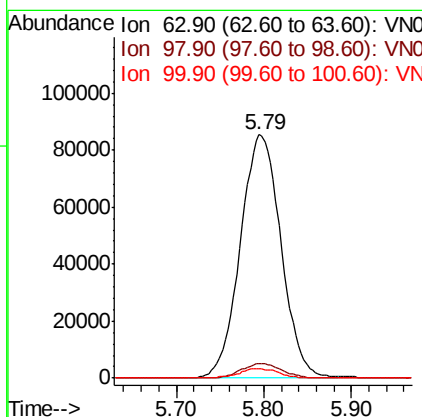
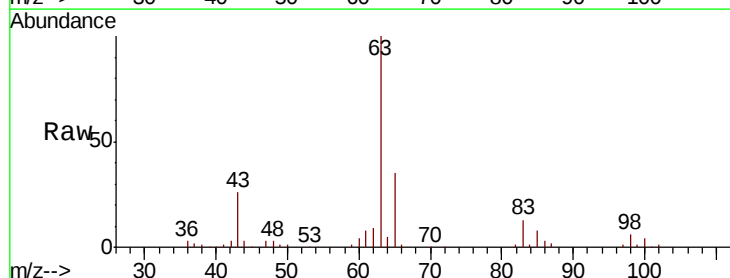
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2230420
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 54.609 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion: 63 Resp: 275455
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.7 8.1
 100 3.6 1.9 5.7

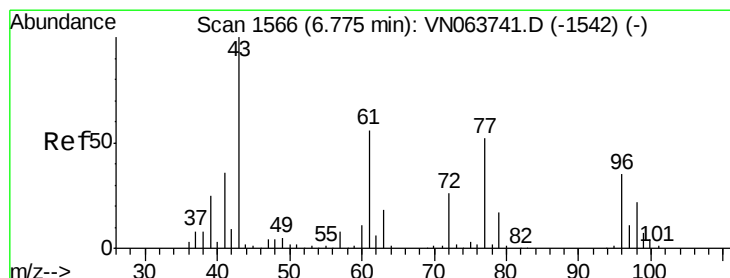
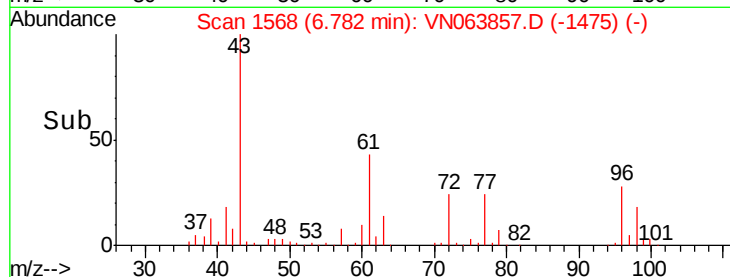
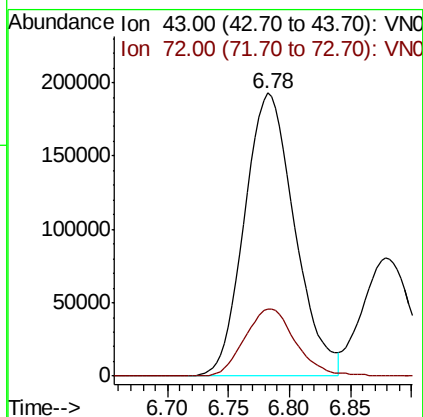
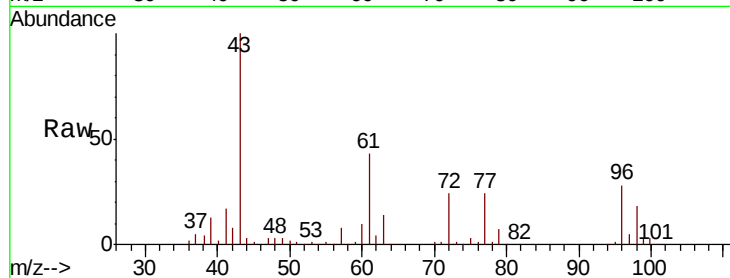




#25
2-Butanone
Concen: 332.331 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

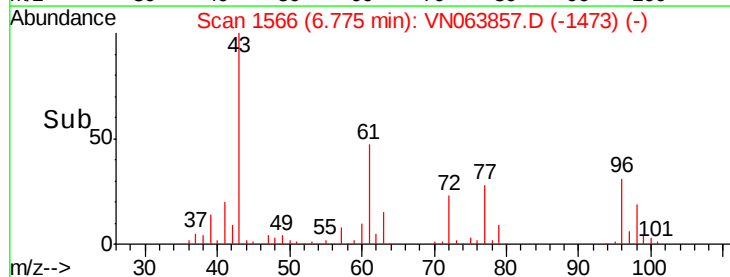
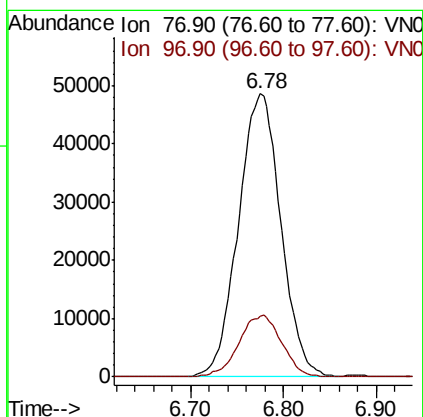
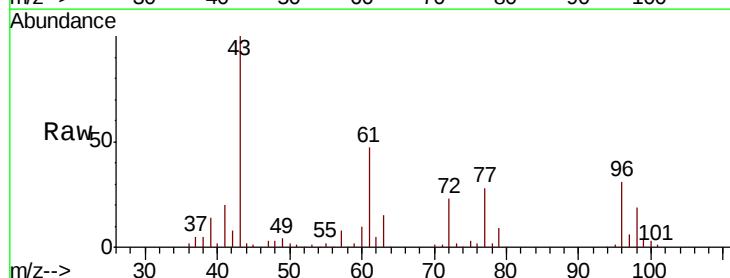
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

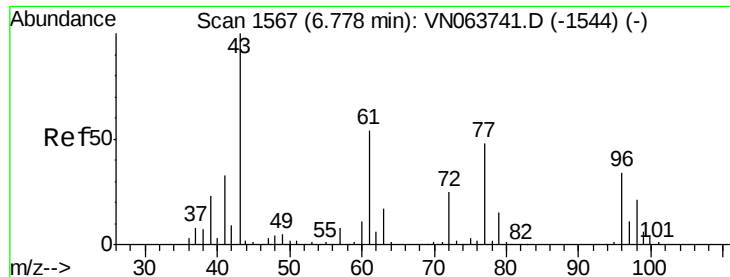
Tot Ion: 43 Resp: 549198
Ion Ratio Lower Upper
43 100
72 23.7 19.3 28.9



#26
2,2-Dichloropropane
Concen: 33.474 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 77 Resp: 154626
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.912 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

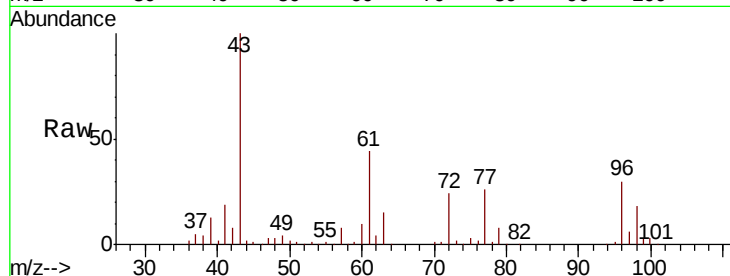
Tot Ion: 96 Resp: 160290

Ion Ratio Lower Upper

96 100

61 151.7 0.0 321.2

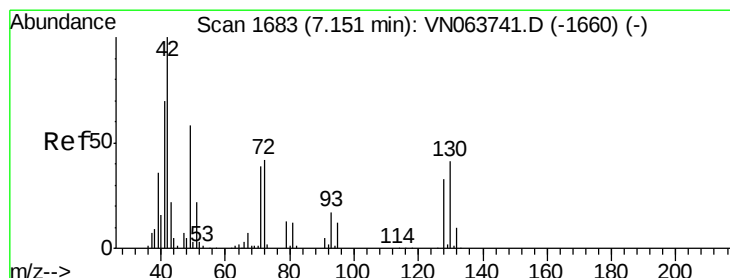
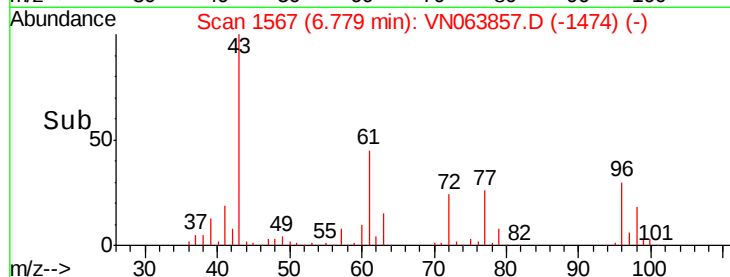
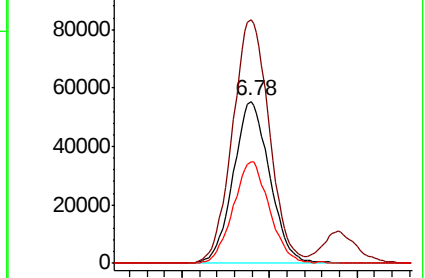
98 62.2 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063857.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063857.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063857.D (-1544) (-)



#28

Bromochloromethane

Concen: 58.562 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

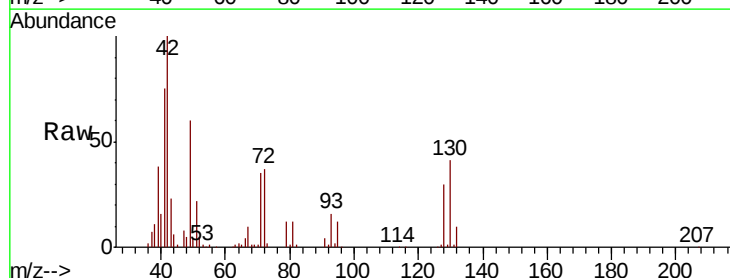
Tgt Ion: 49 Resp: 145999

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.8

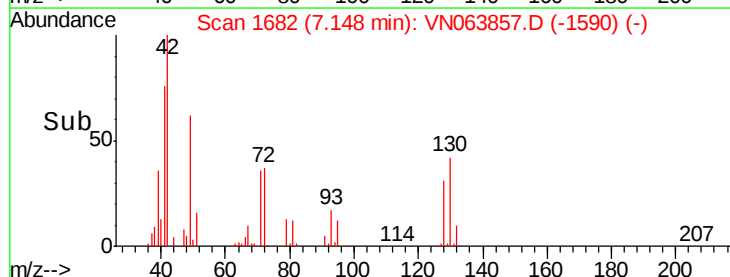
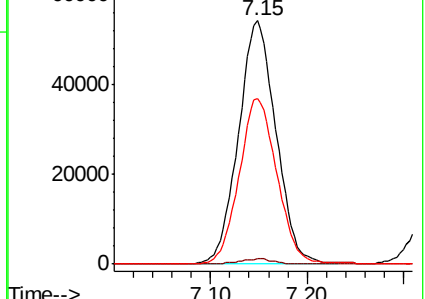
130 68.3 55.6 83.4

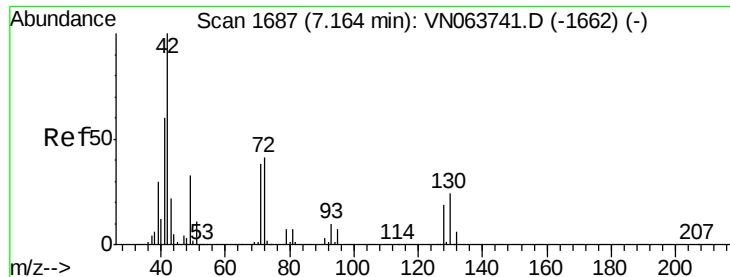


Abundance Ion 48.90 (48.60 to 49.60): VN063857.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063857.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063857.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 330.888 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

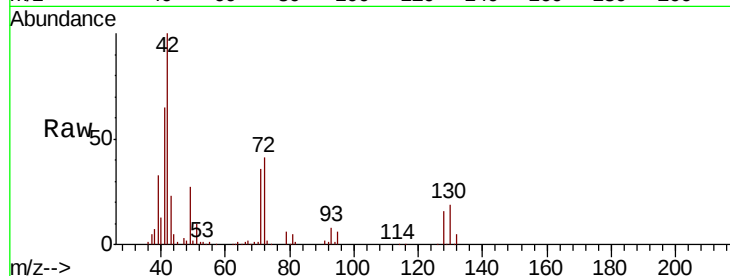
Tot Ion: 42 Resp: 366744

Ion Ratio Lower Upper

42 100

72 38.8 32.8 49.2

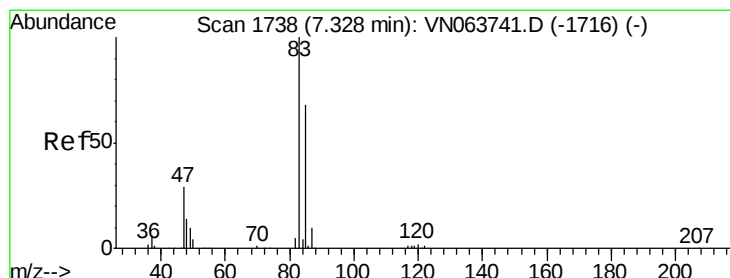
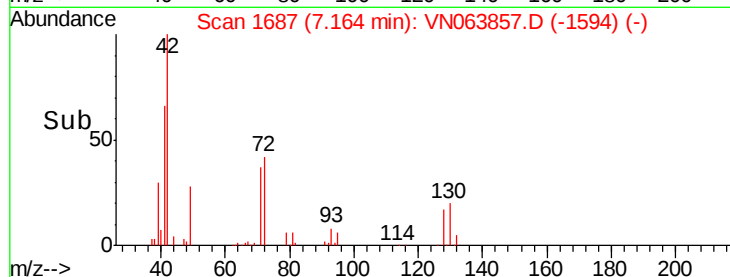
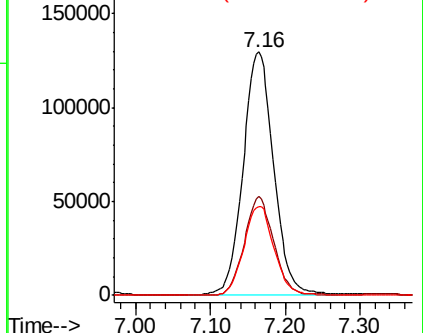
71 36.6 30.6 45.8



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: 56.474 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063857.D

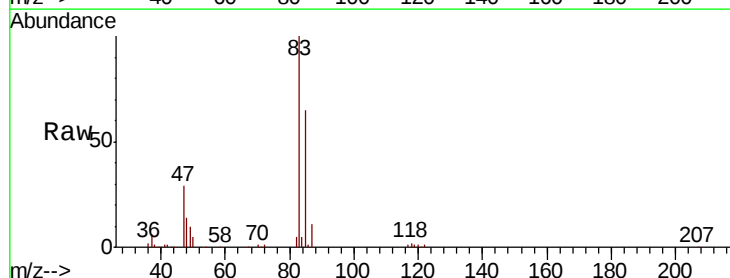
Acq: 3 Oct 2020 6:44

Tgt Ion: 83 Resp: 297021

Ion Ratio Lower Upper

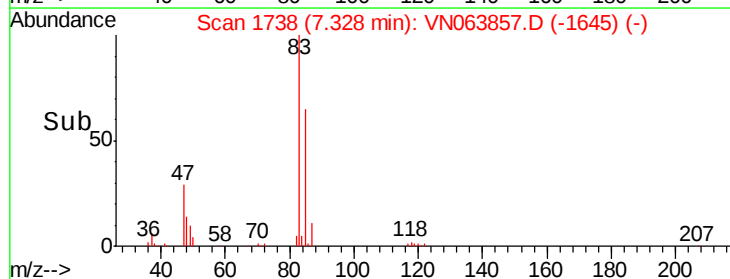
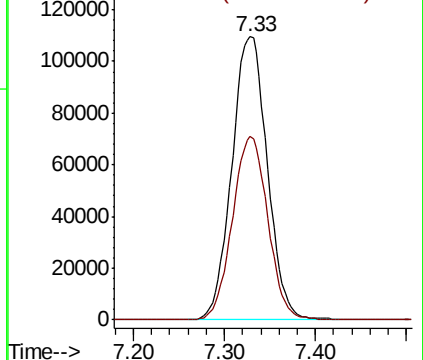
83 100

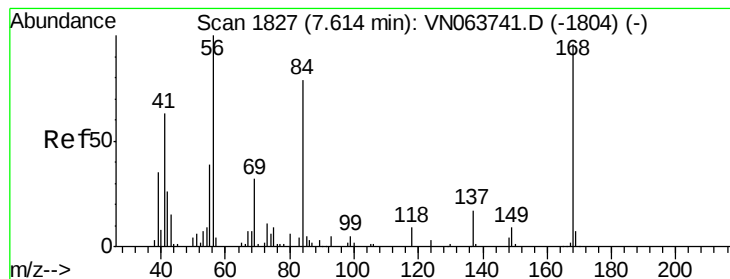
85 64.9 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 41.415 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

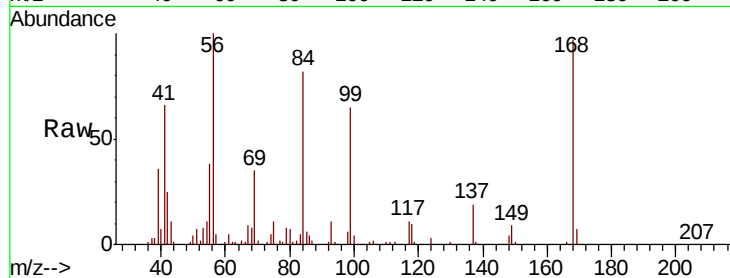
Tot Ion: 56 Resp: 182061

Ion Ratio Lower Upper

56 100

69 34.9 25.4 38.2

84 80.3 63.3 94.9

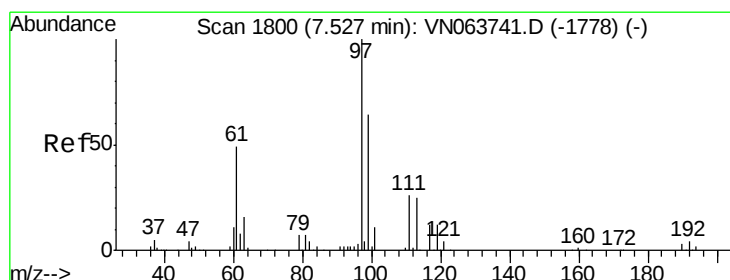
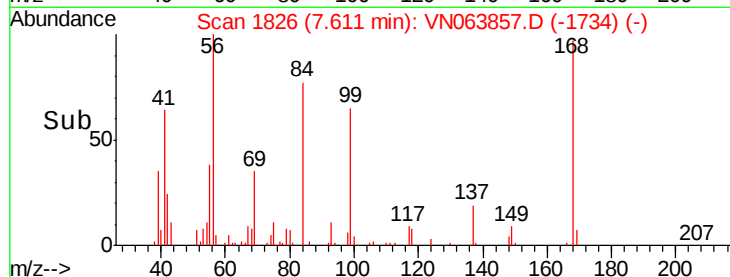
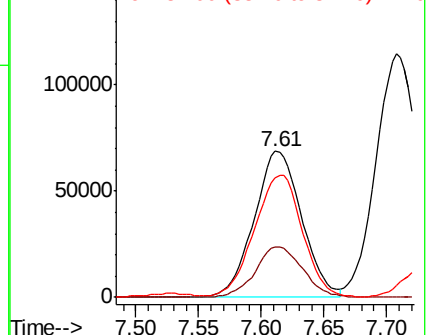


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 52.964 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

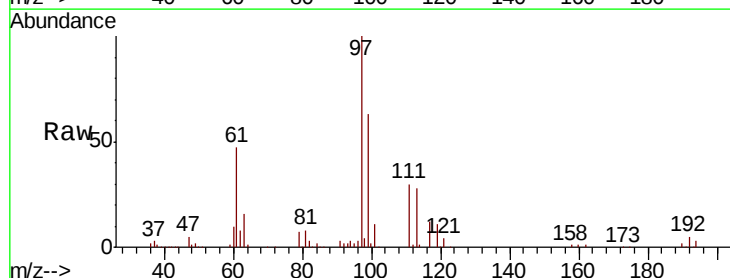
Tgt Ion: 97 Resp: 251254

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 47.9 38.7 58.1

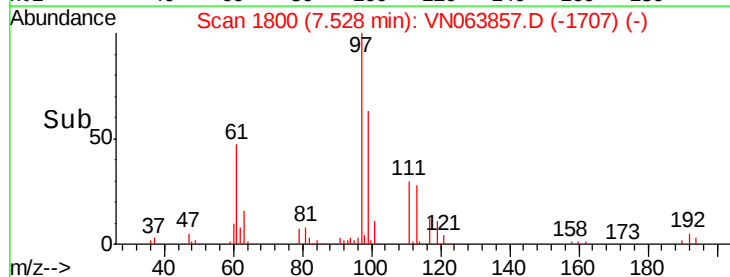
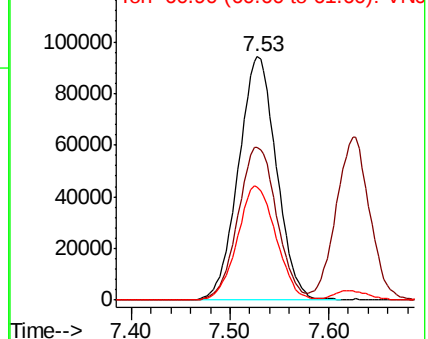


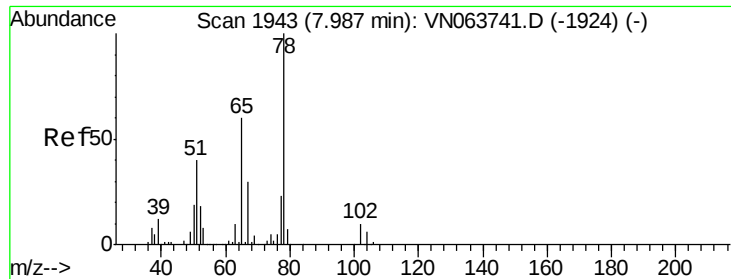
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

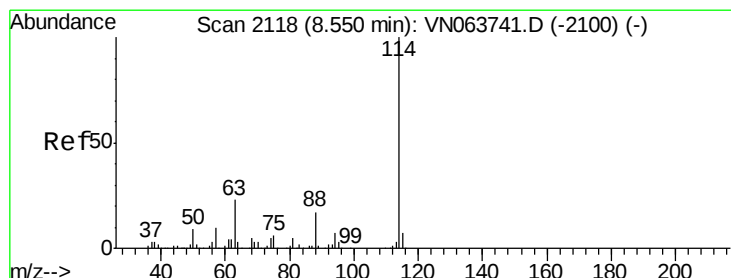
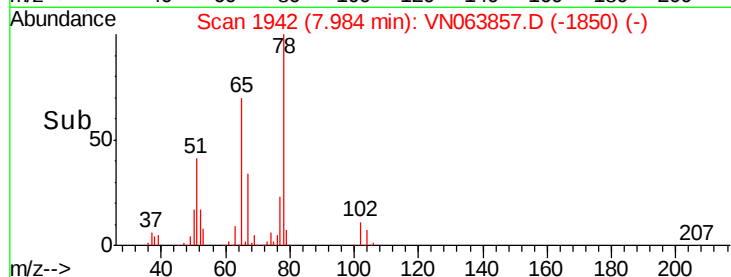
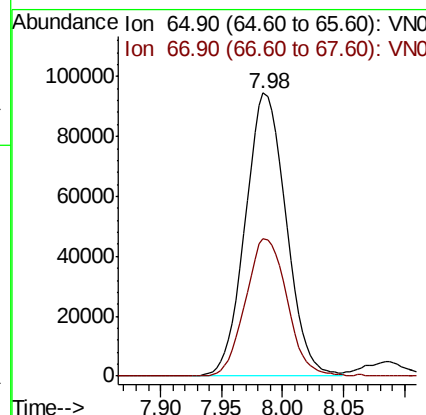
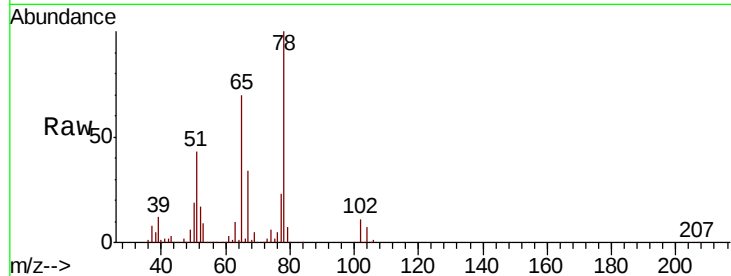




#33
 1,2-Dichloroethane-d4
 Concen: 57.821 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

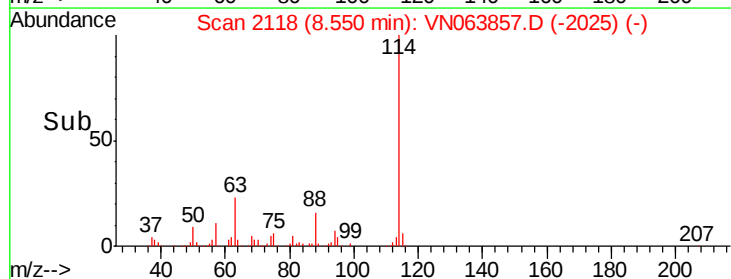
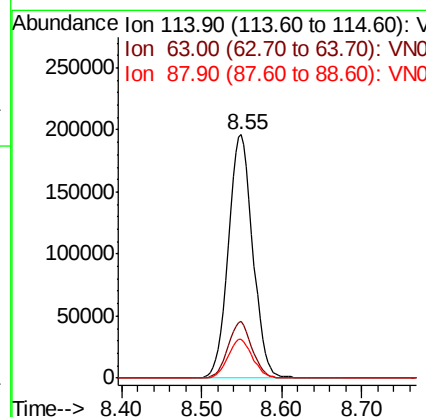
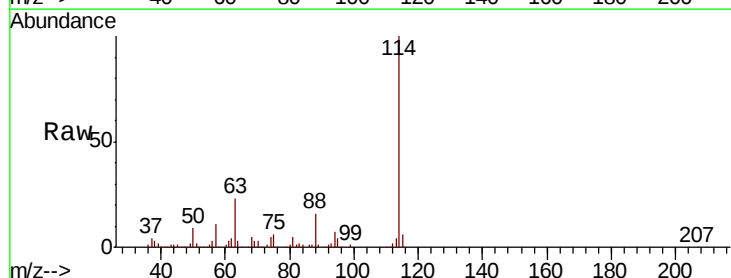
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

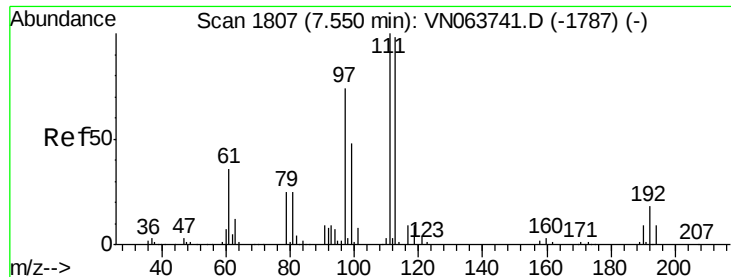
Tot Ion: 65 Resp: 218941
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion: 114 Resp: 409776
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 16.1 0.0 34.0

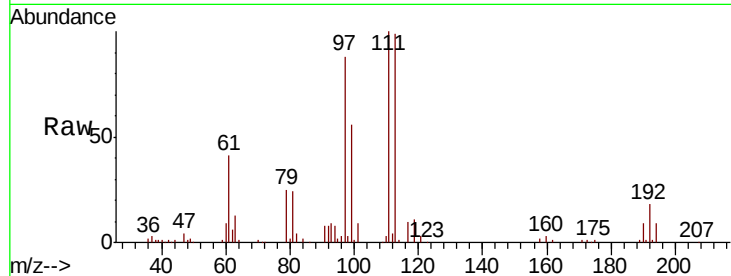




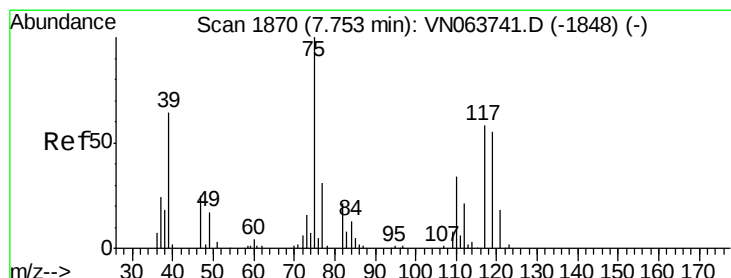
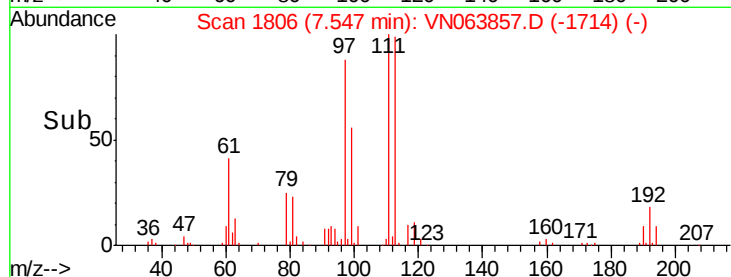
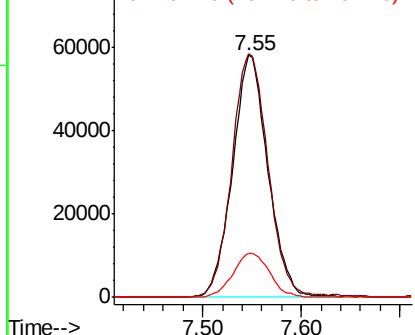
#35
 Dibromofluoromethane
 Concen: 51.036 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 145114
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 18.8 14.2 21.2

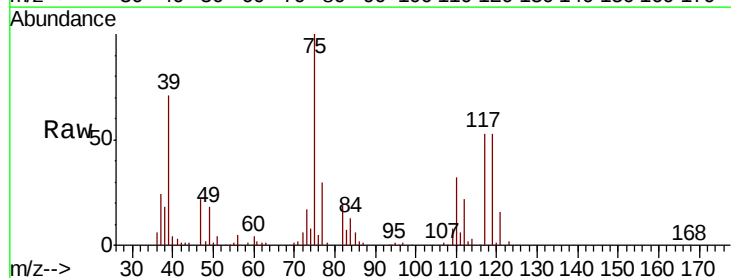


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

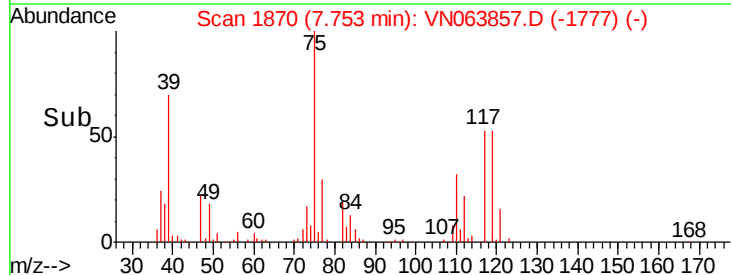
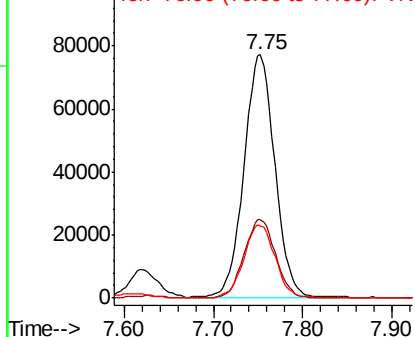


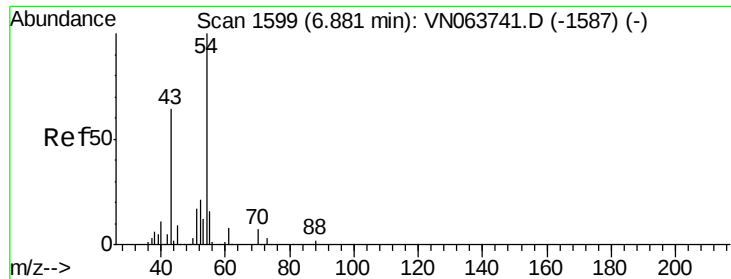
#36
 1,1-Dichloropropene
 Concen: 44.338 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion: 75 Resp: 184066
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.9 50.6
 77 30.3 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

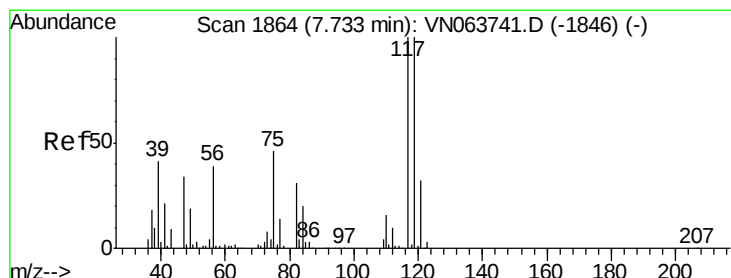
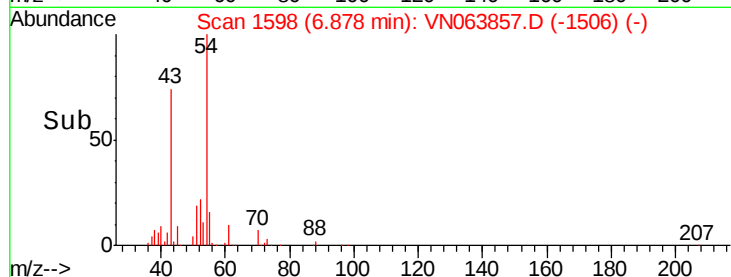
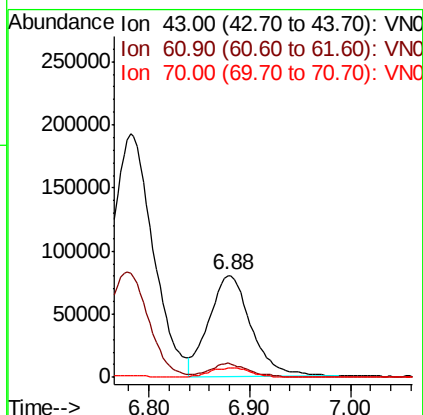
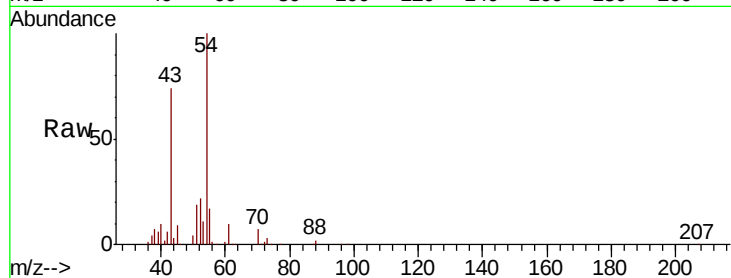




#37
Ethyl Acetate
Concen: 56.248 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

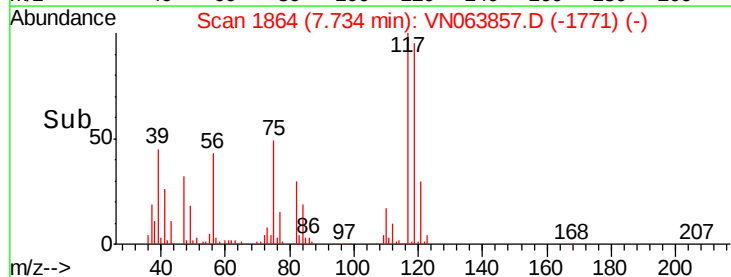
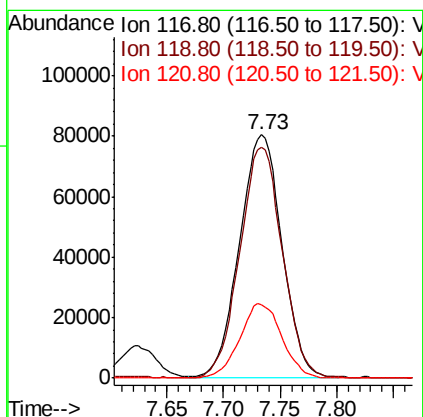
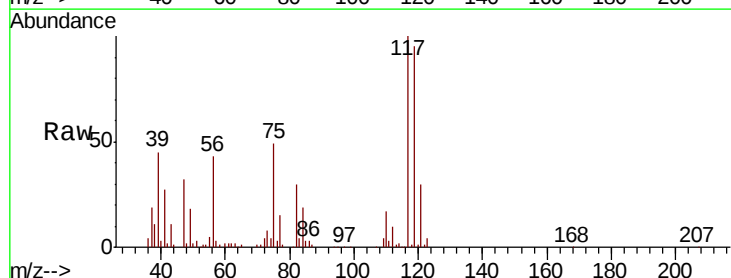
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

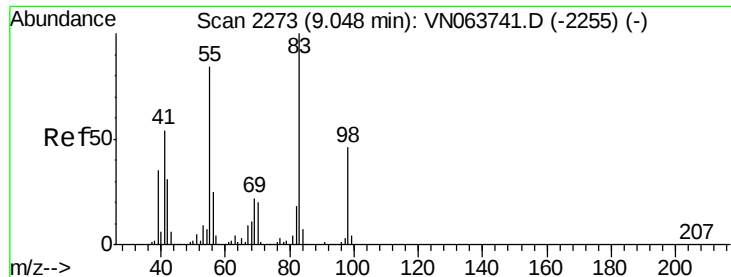
Tot Ion: 43 Resp: 231994
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 8.9 7.3 10.9



#38
Carbon Tetrachloride
Concen: 44.890 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 117 Resp: 208971
Ion Ratio Lower Upper
117 100
119 95.2 80.1 120.1
121 30.2 25.7 38.5

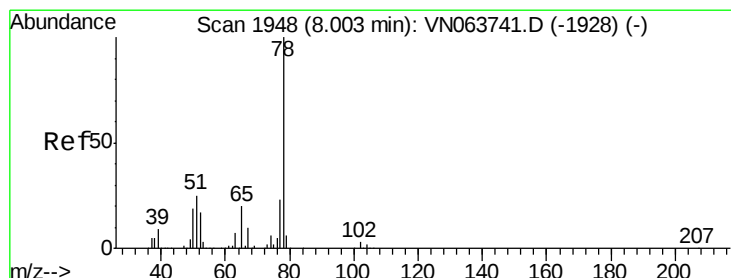
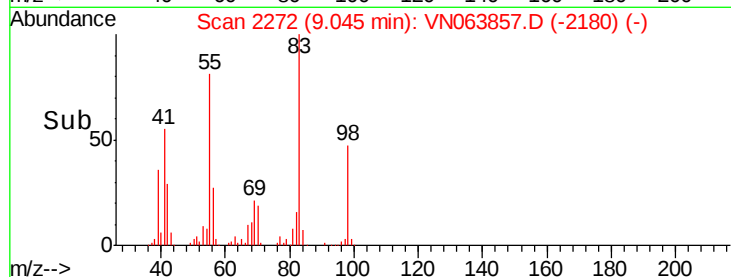
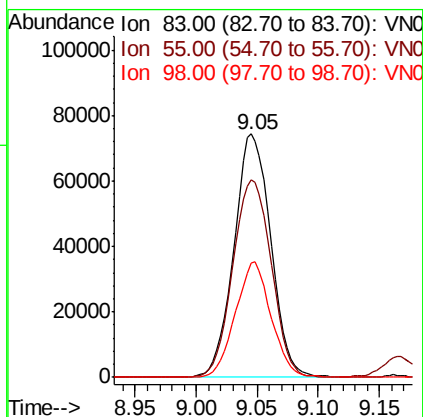
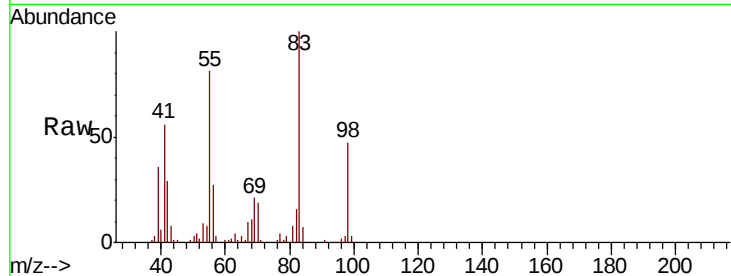




#39
Methvlcvclohexane
Concen: 37.521 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

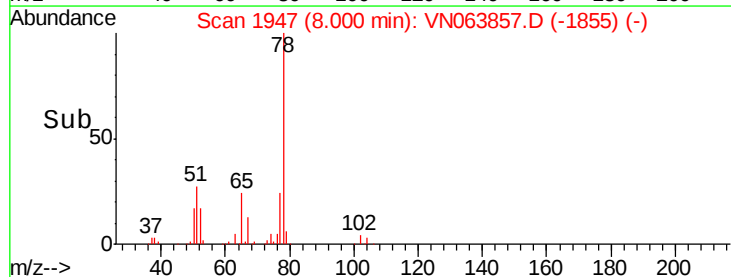
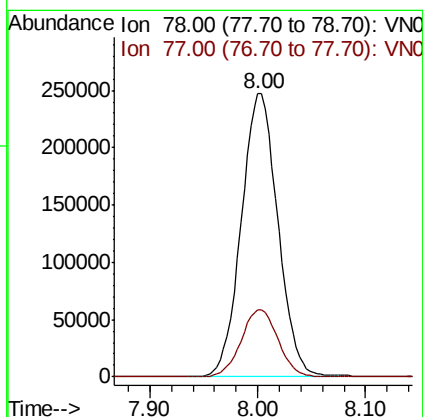
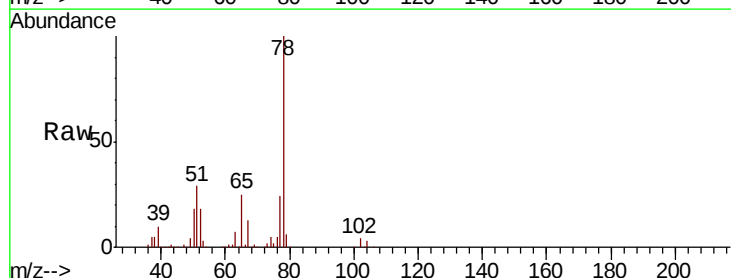
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

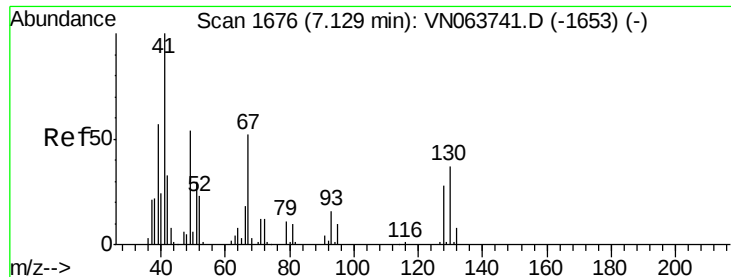
Tot Ion: 83 Resp: 155337
Ion Ratio Lower Upper
83 100
55 81.2 67.1 100.7
98 47.2 36.6 54.8



#40
Benzene
Concen: 49.141 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 78 Resp: 582694
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

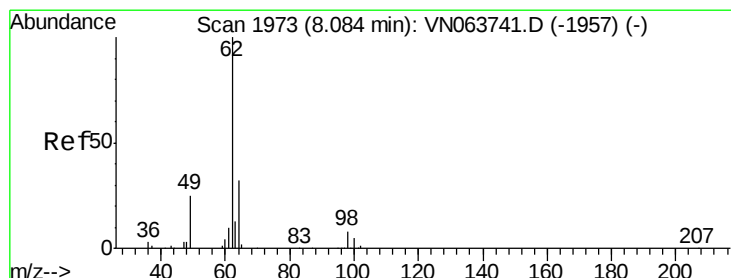
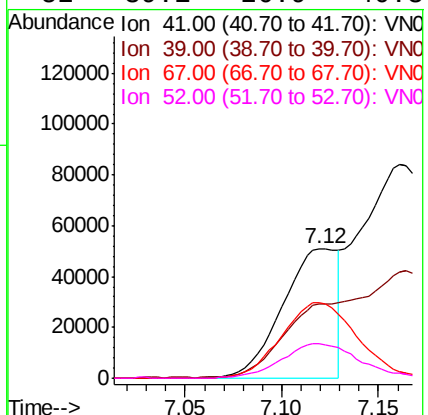
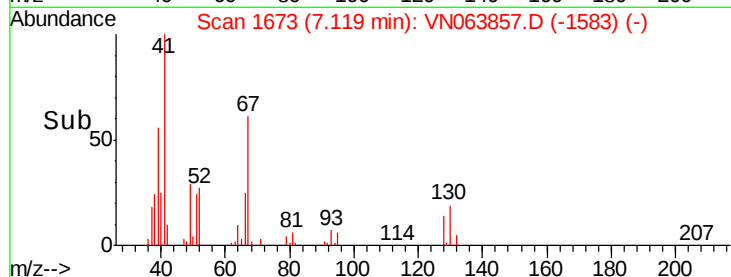
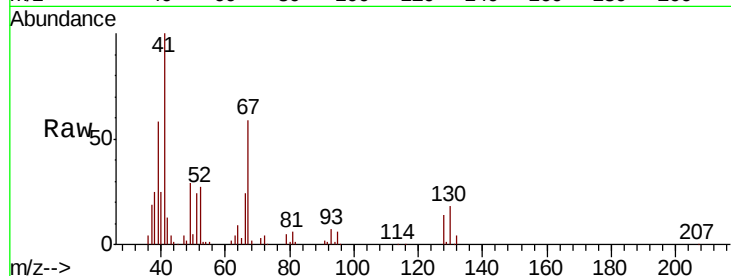




#41
Methacrylonitrile
Concen: 54.781 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

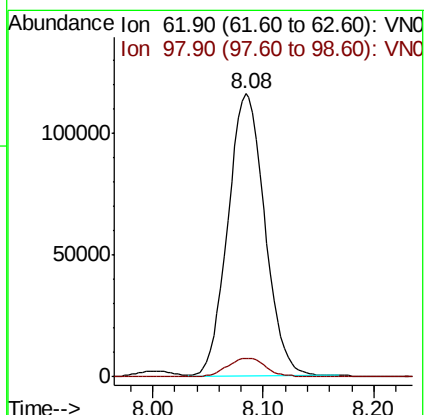
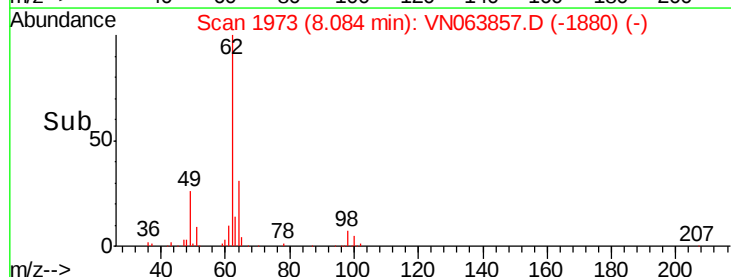
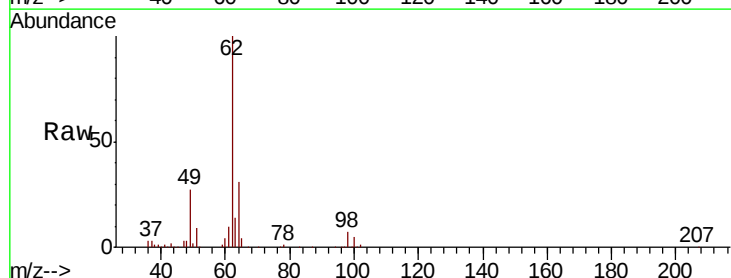
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

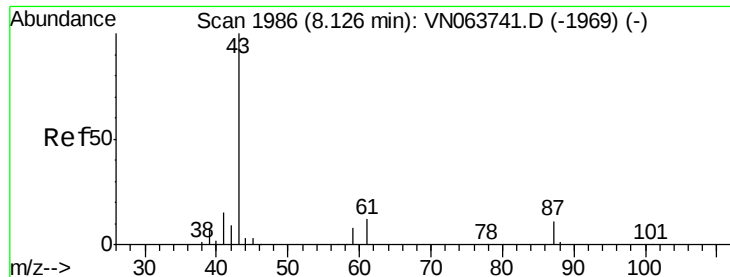
Tot Ion: 41 Resp: 100419
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 81.9 57.4 86.2
52 39.1 26.9 40.3



#42
1,2-Dichloroethane
Concen: 53.170 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 62 Resp: 269123
Ion Ratio Lower Upper
62 100
98 6.8 0.0 15.0





#43

Isopropyl Acetate

Concen: 57.703 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

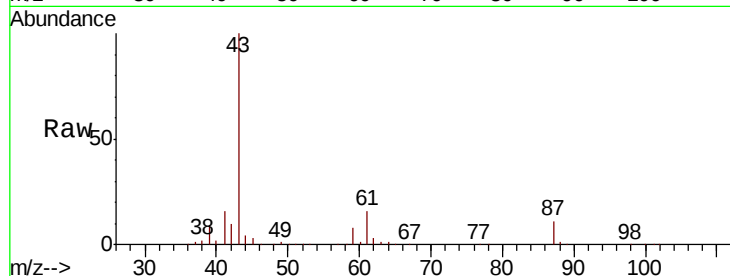
Tot Ion: 43 Resp: 392564

Ion Ratio Lower Upper

43 100

61 22.8 14.2 21.4#

87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063857.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063857.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063857.D (-2103) (-)

8.13

200000

150000

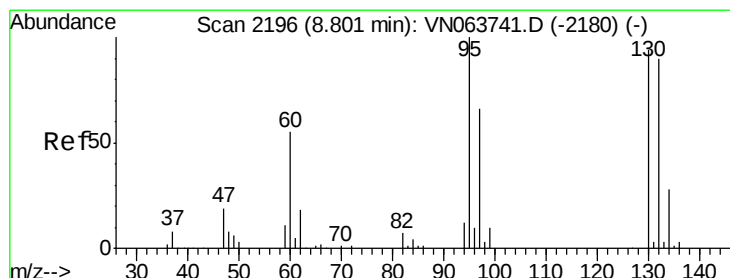
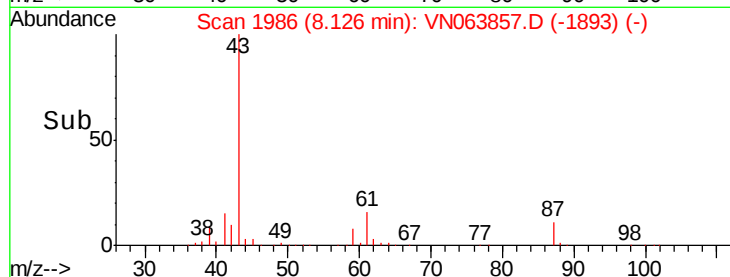
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 45.829 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063857.D

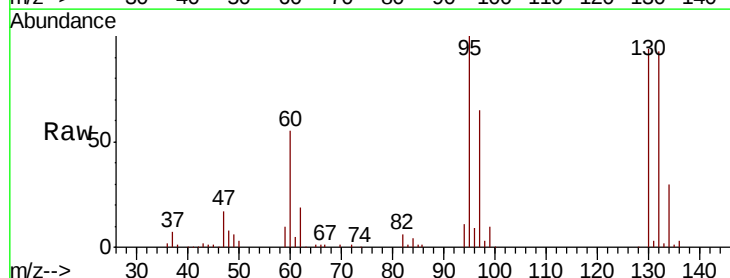
Acq: 3 Oct 2020 6:44

Tgt Ion:130 Resp: 142384

Ion Ratio Lower Upper

130 100

95 106.3 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063857.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063857.D (-2103) (-)

8.80

80000

60000

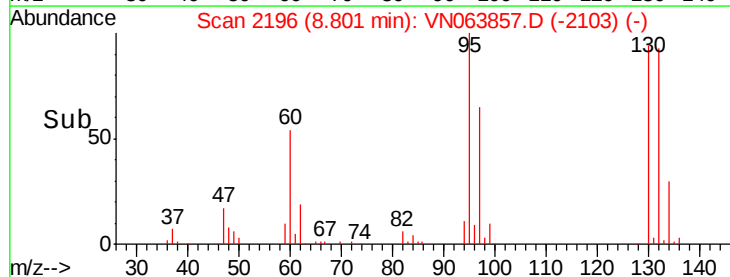
40000

20000

0

8.70 8.80 8.90

Time-->

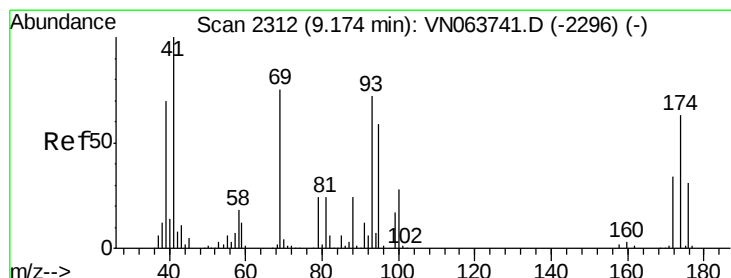
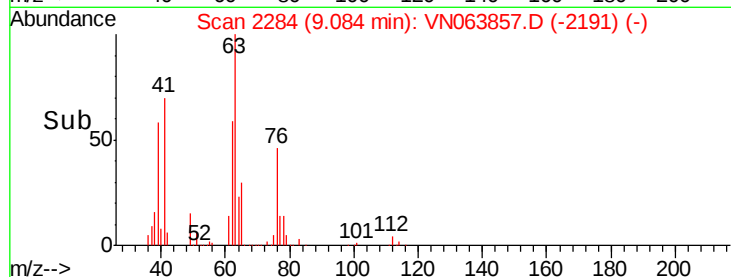
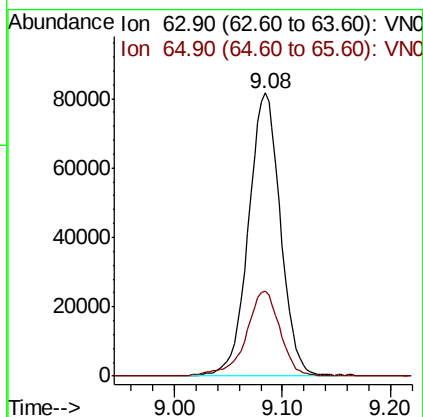
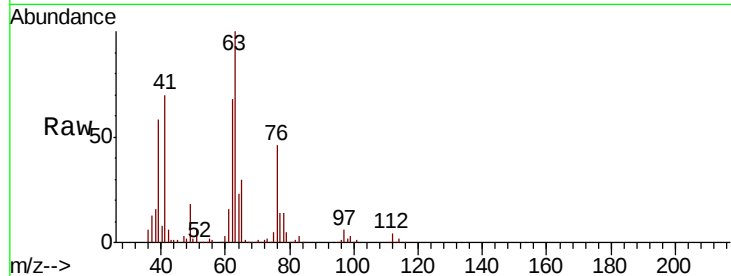




#45
 1,2-Dichloropropane
 Concen: 52.337 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

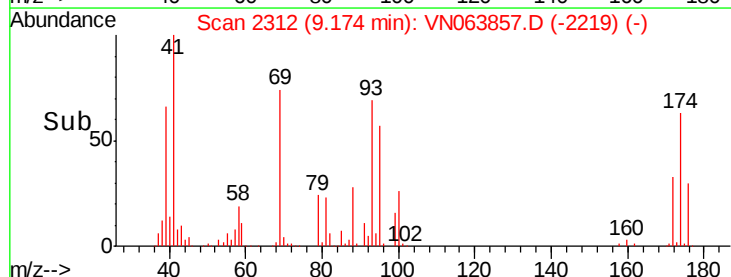
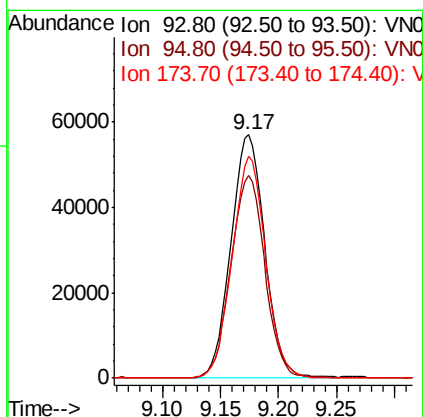
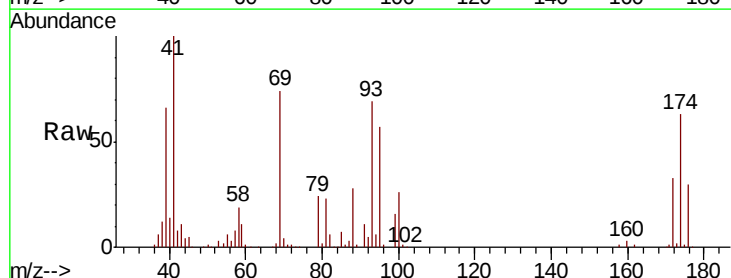
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

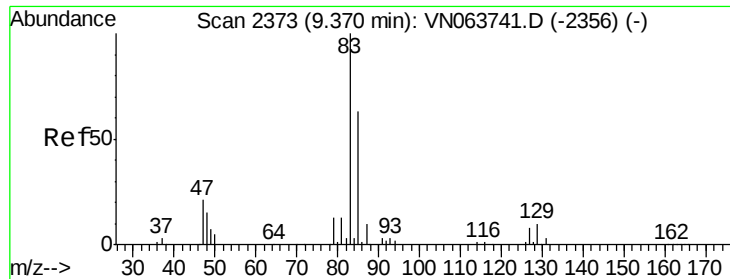
Tot Ion: 63 Resp: 167601
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



#46
 Dibromomethane
 Concen: 52.275 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion: 93 Resp: 115483
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.3 99.5
 174 89.7 72.7 109.1





#47

Bromodichloromethane

Concen: 52.815 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

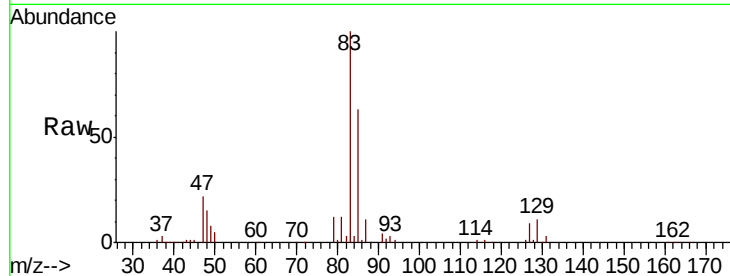
Tot Ion: 83 Resp: 240460

Ion Ratio Lower Upper

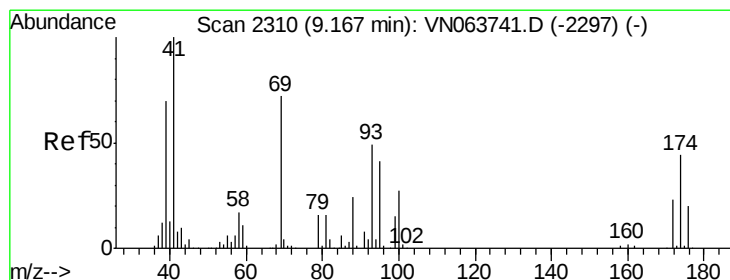
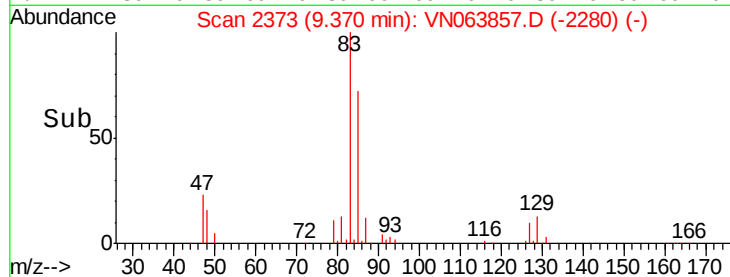
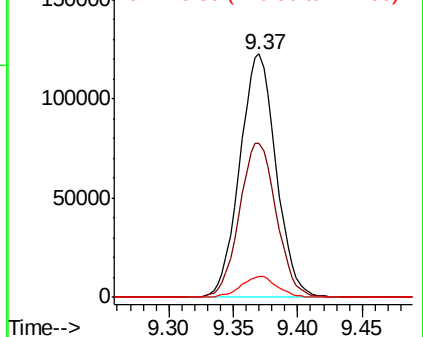
83 100

85 63.4 50.6 75.8

127 8.5 6.6 9.8



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



#48

Methyl methacrylate

Concen: 60.357 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

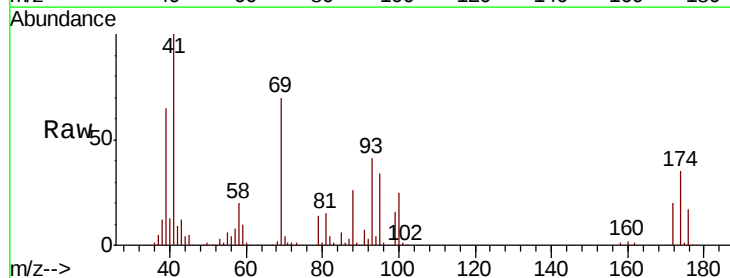
Tgt Ion: 41 Resp: 202871

Ion Ratio Lower Upper

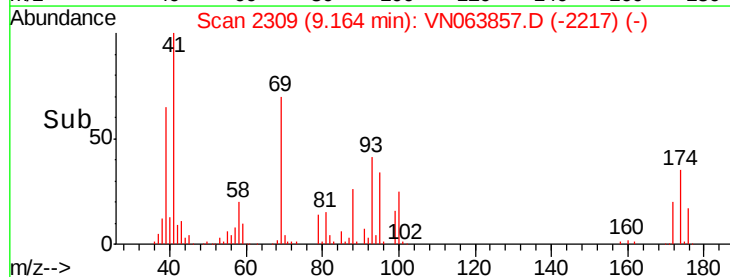
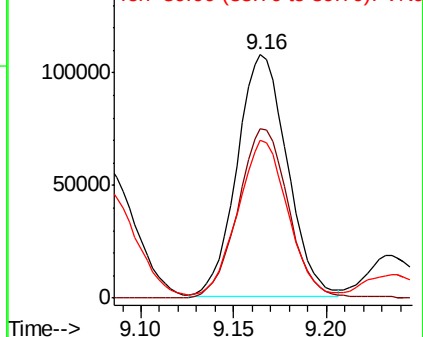
41 100

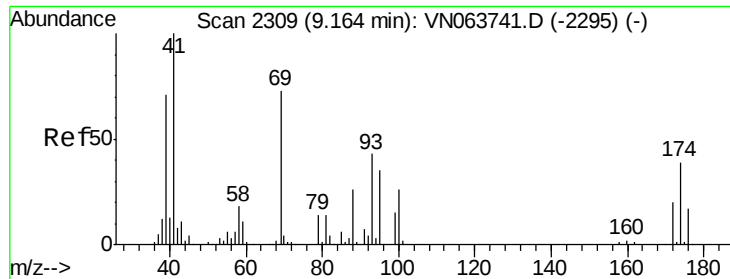
69 70.7 60.9 91.3

39 64.5 57.5 86.3



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





#49

1,4-Dioxane

Concen: 1246.491 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

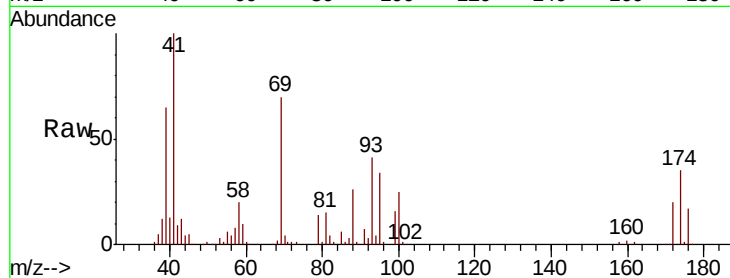
Tot Ion: 88 Resp: 59545

Ion Ratio Lower Upper

88 100

43 39.7 33.1 49.7

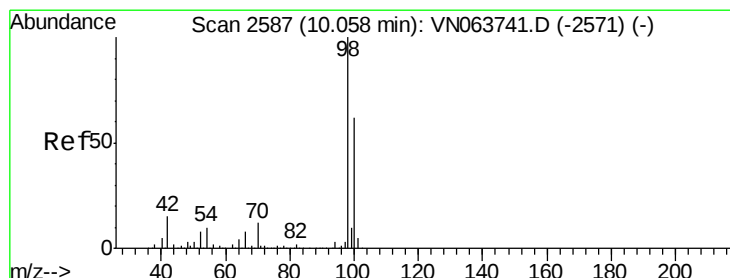
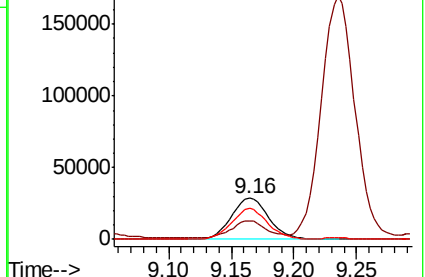
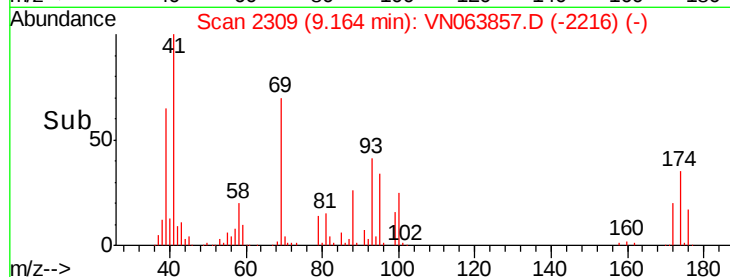
58 72.2 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063857.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063857.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063857.D (-2216) (-)



#50

Toluene-d8

Concen: 47.927 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063857.D

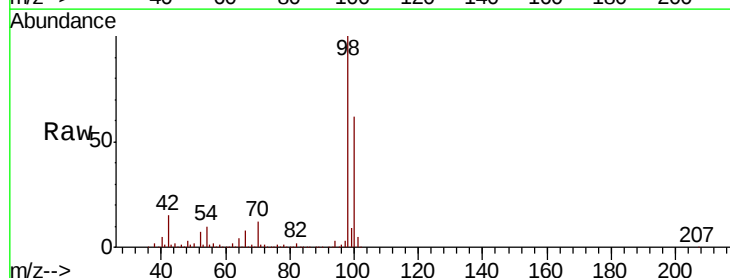
Acq: 3 Oct 2020 6:44

Tgt Ion: 98 Resp: 516596

Ion Ratio Lower Upper

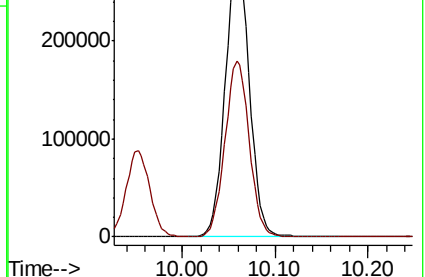
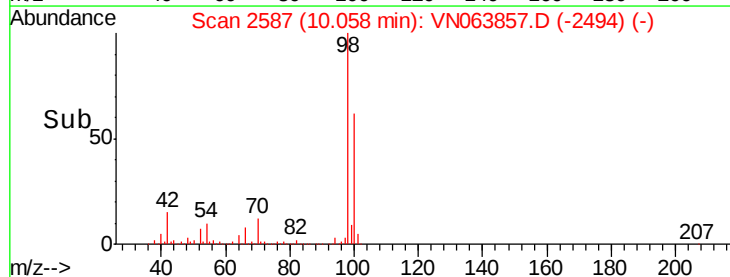
98 100

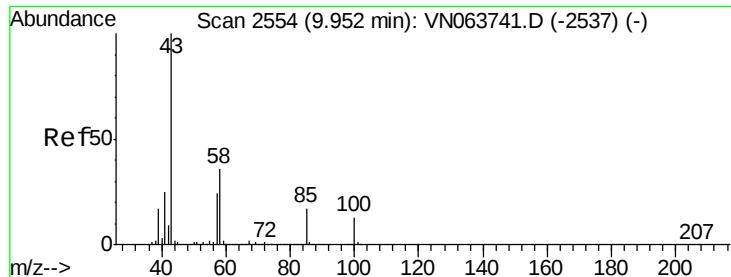
100 62.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063857.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063857.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 306.930 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

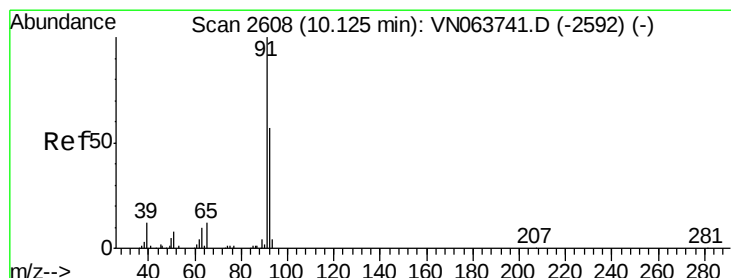
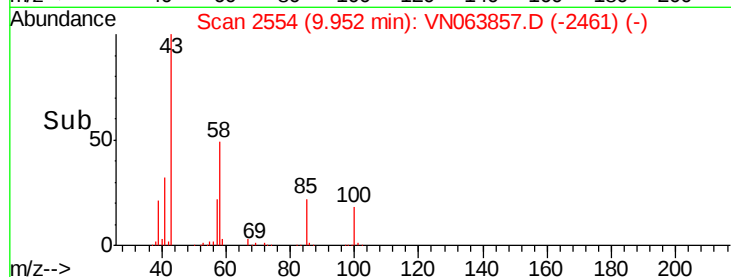
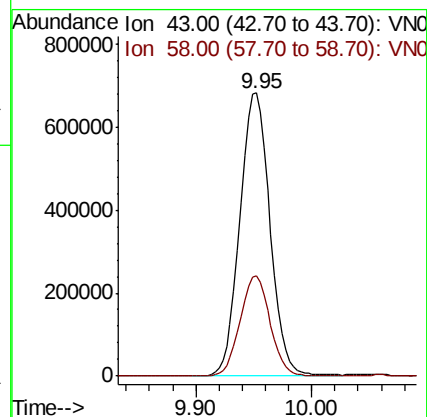
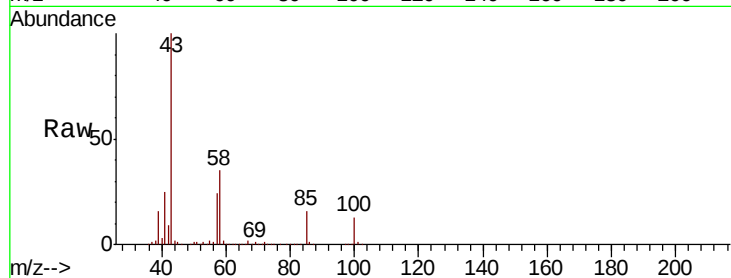
VSTDCCC050EC

Tot Ion: 43 Resp: 1225394

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



#52

Toluene

Concen: 49.216 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063857.D

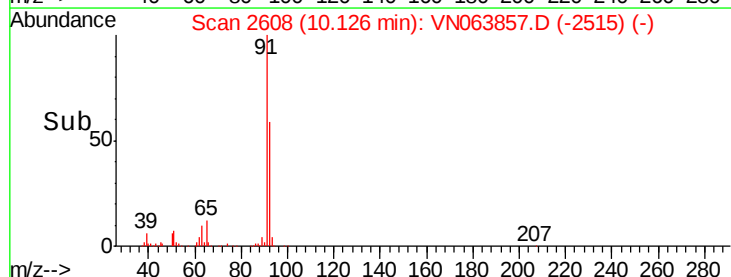
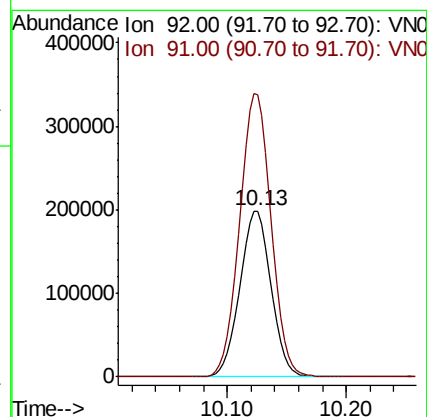
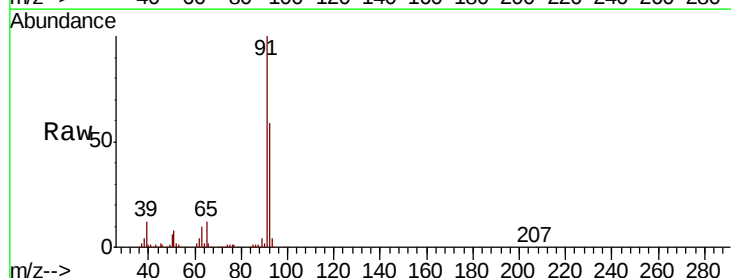
Acq: 3 Oct 2020 6:44

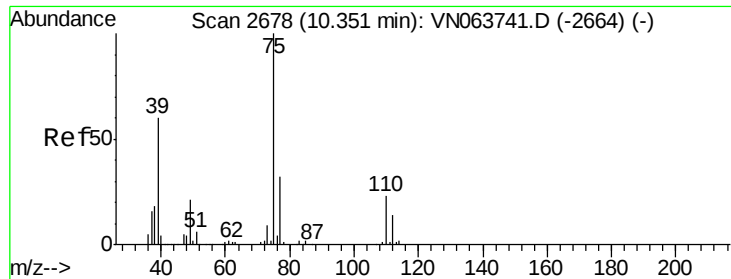
Tgt Ion: 92 Resp: 360969

Ion Ratio Lower Upper

92 100

91 172.2 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 49.970 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

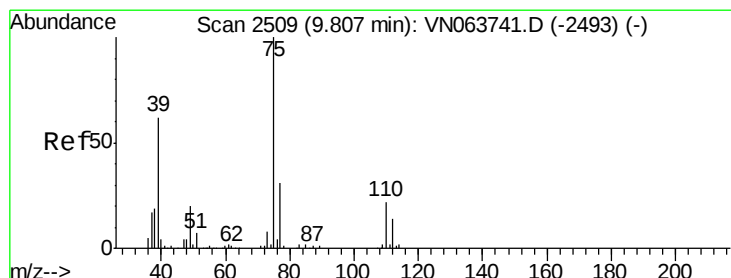
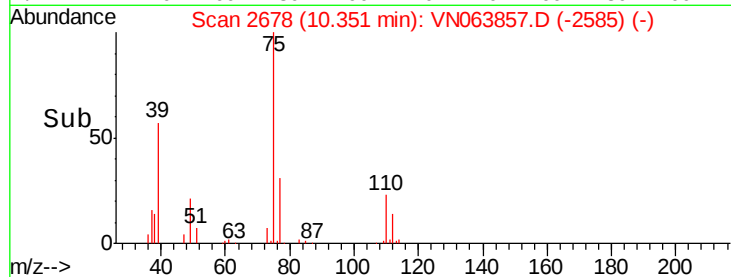
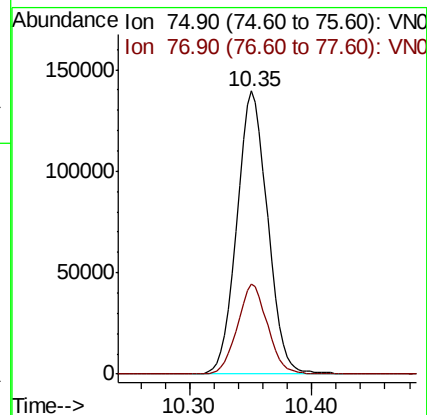
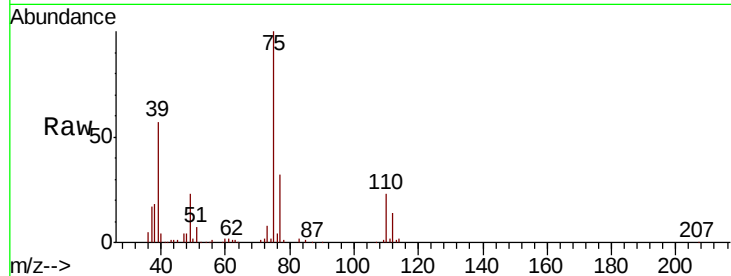
VSTDCCC050EC

Tot Ion: 75 Resp: 243874

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 48.971 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

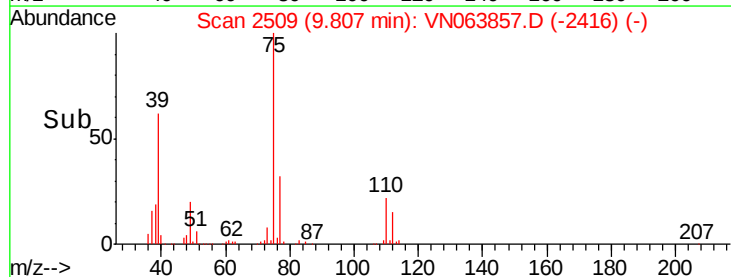
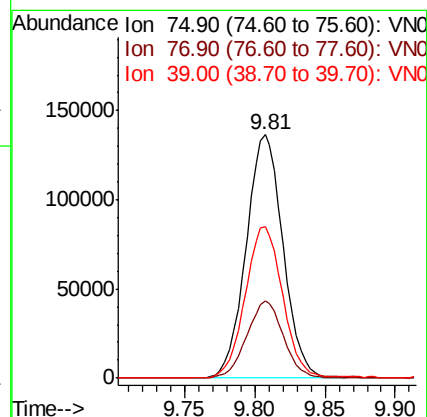
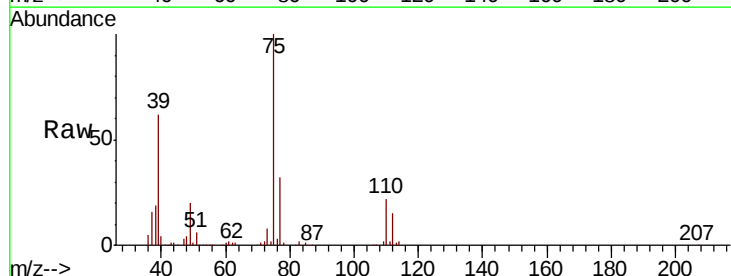
Tgt Ion: 75 Resp: 249950

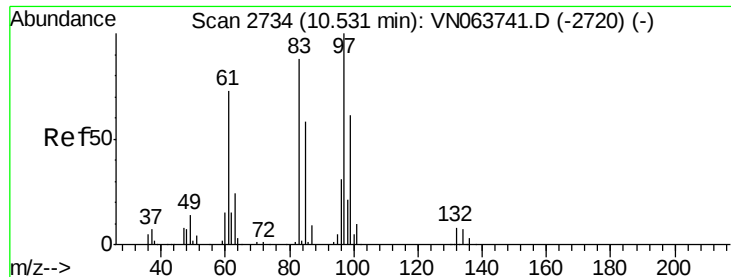
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 61.9 49.7 74.5

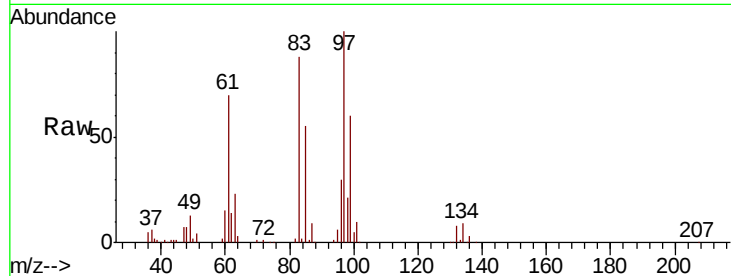




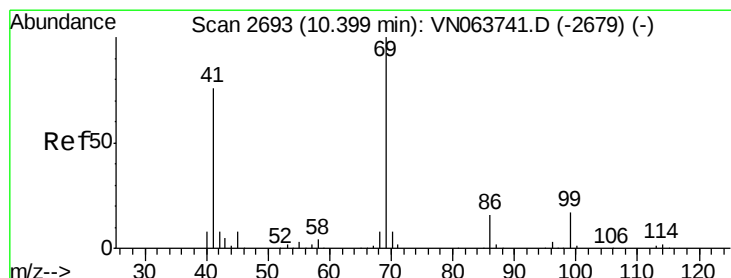
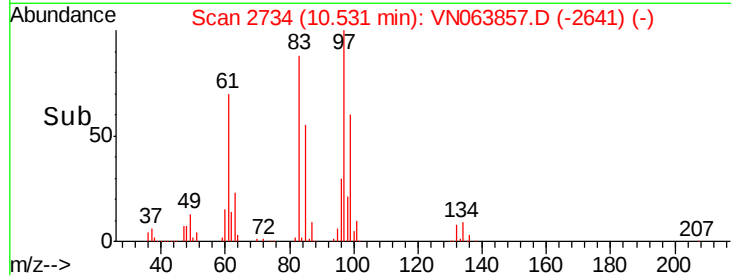
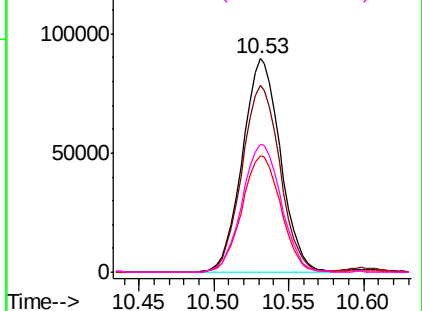
#55
 1,1,2-Trichloroethane
 Concen: 54.050 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 158978
 Ion Ratio Lower Upper
 97 100
 83 87.5 70.7 106.1
 85 54.7 46.1 69.1
 99 59.7 48.8 73.2

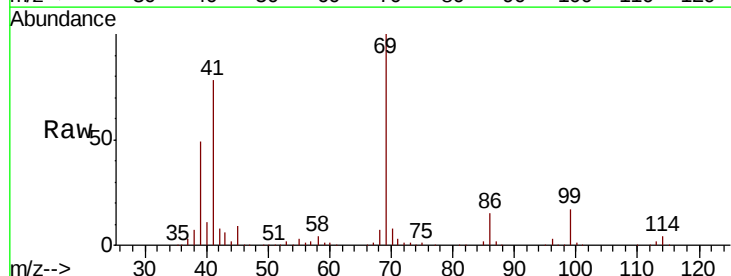


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

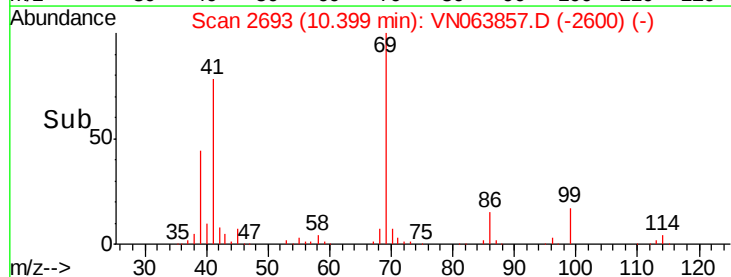
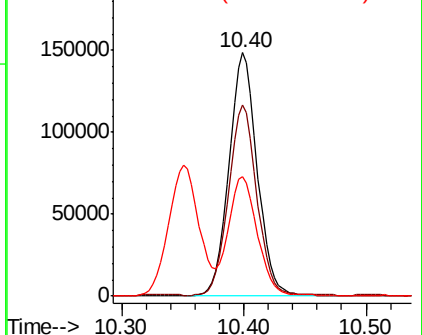


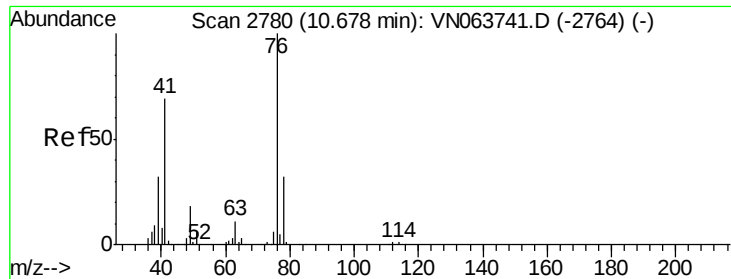
#56
 Ethyl methacrylate
 Concen: 57.496 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion: 69 Resp: 239710
 Ion Ratio Lower Upper
 69 100
 41 78.0 61.1 91.7
 39 50.0 42.2 63.4



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: 54.476 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

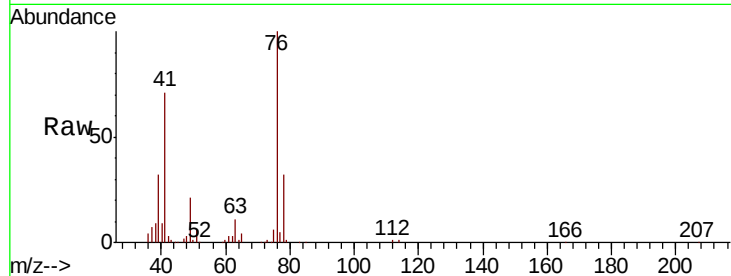
VSTDCCC050EC

Tot Ion: 76 Resp: 271081

Ion Ratio Lower Upper

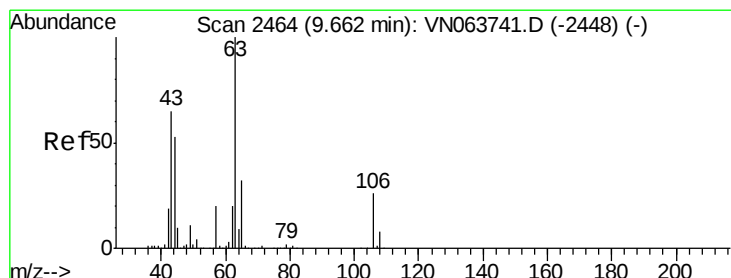
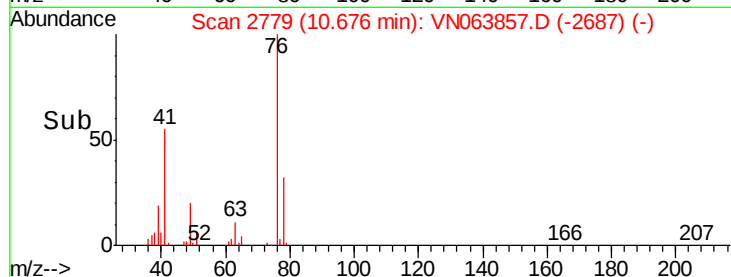
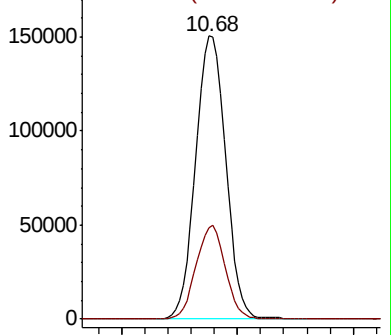
76 100

78 31.8 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 293.080 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063857.D

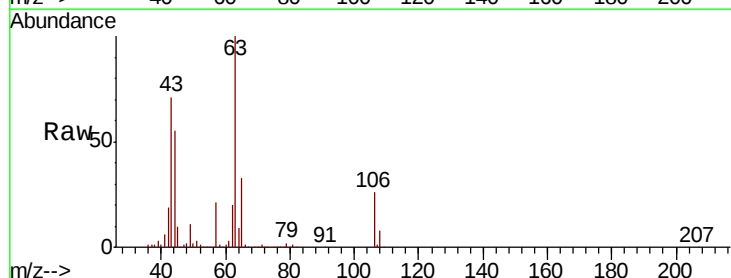
Acq: 3 Oct 2020 6:44

Tgt Ion: 63 Resp: 653609

Ion Ratio Lower Upper

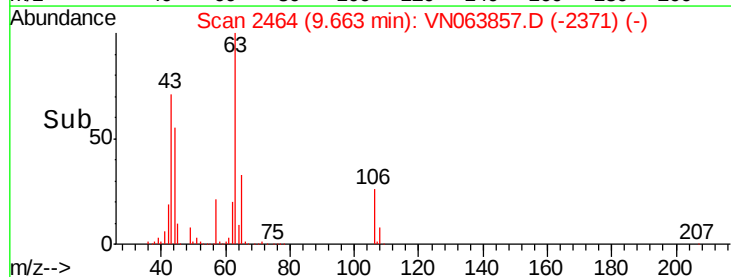
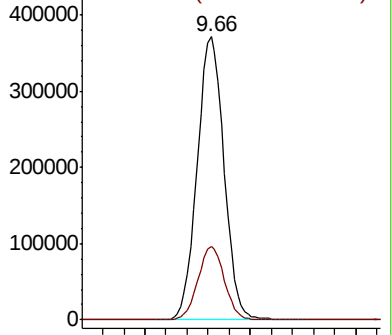
63 100

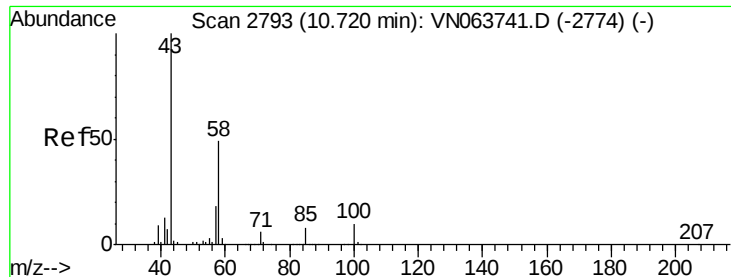
106 25.5 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

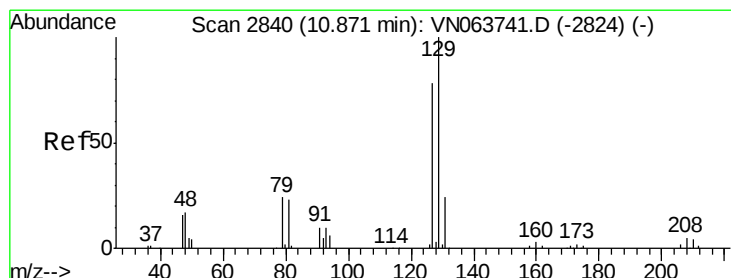
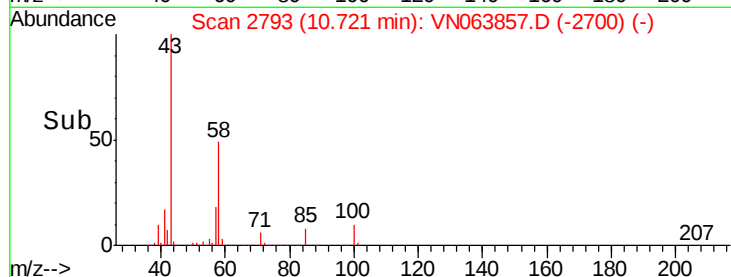
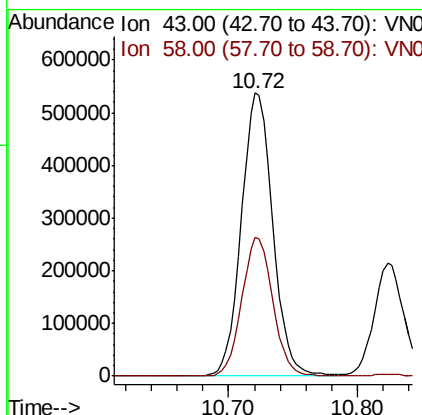
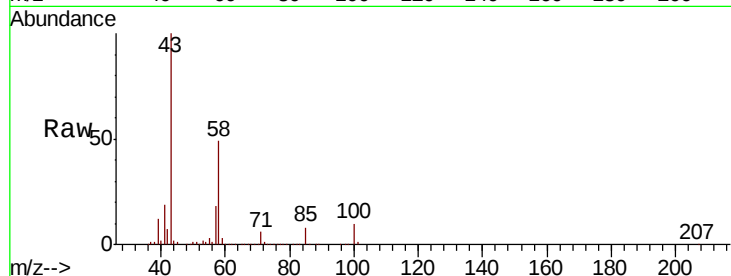




#59
2-Hexanone
Concen: 305.981 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

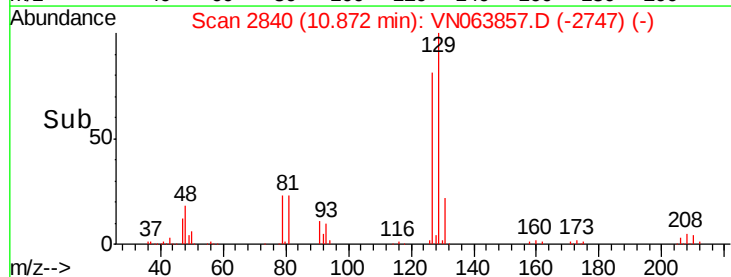
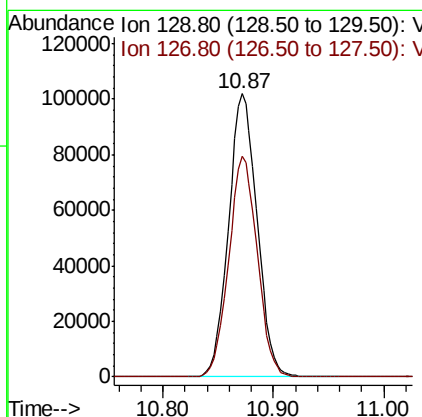
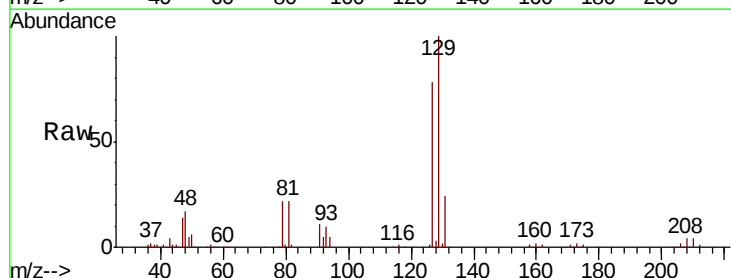
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

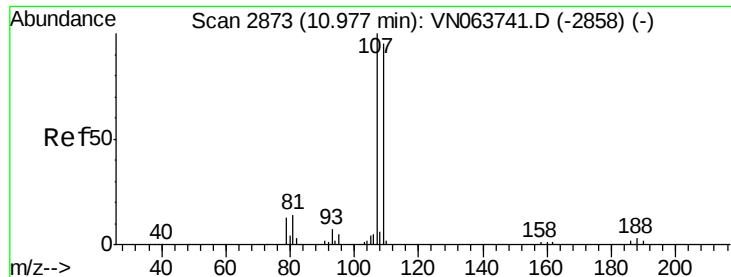
Tot Ion: 43 Resp: 907484
Ion Ratio Lower Upper
43 100
58 48.8 24.6 73.8



#60
Dibromochloromethane
Concen: 53.390 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 129 Resp: 182881
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 55.041 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

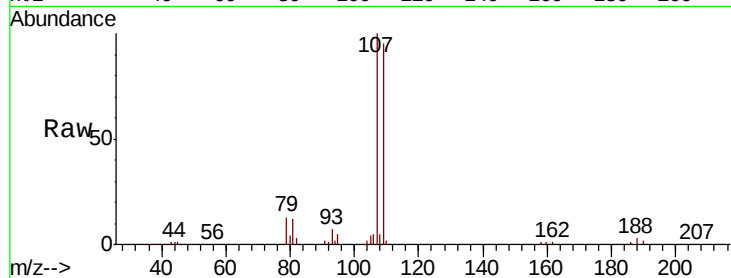
VSTDCCC050EC

Tot Ion:107 Resp: 165603

Ion Ratio Lower Upper

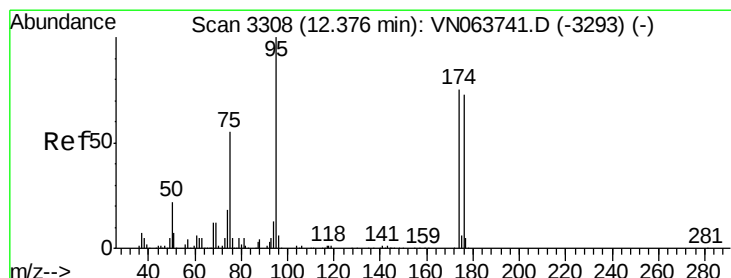
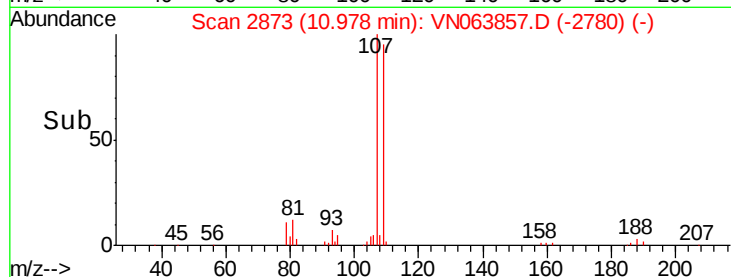
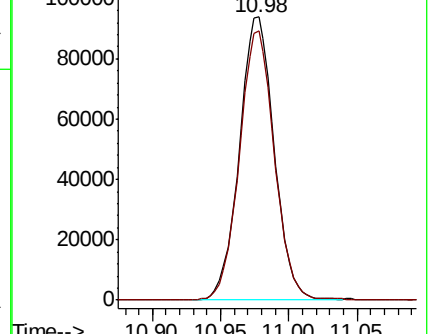
107 100

109 95.7 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.324 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

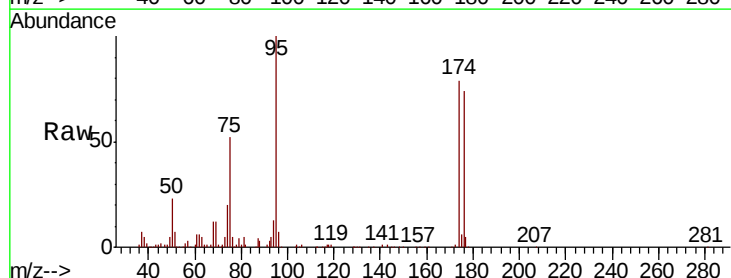
Tgt Ion: 95 Resp: 195801

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.6

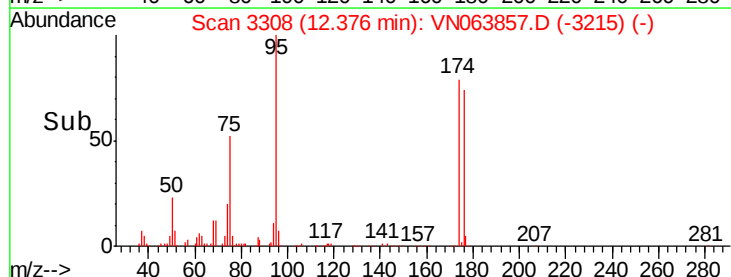
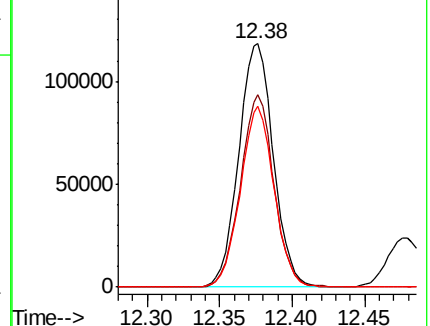
176 72.3 0.0 145.4

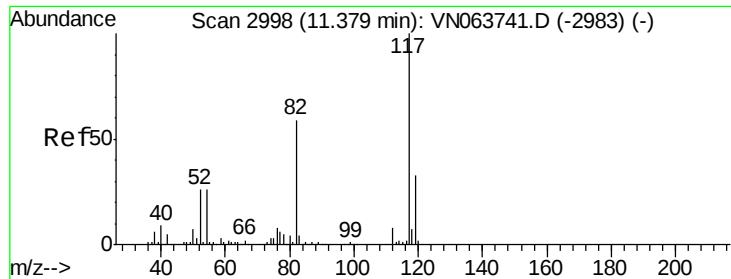


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

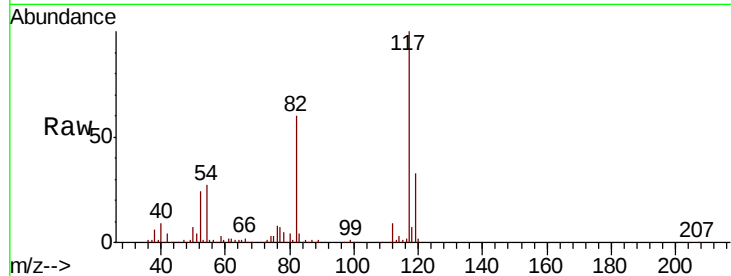




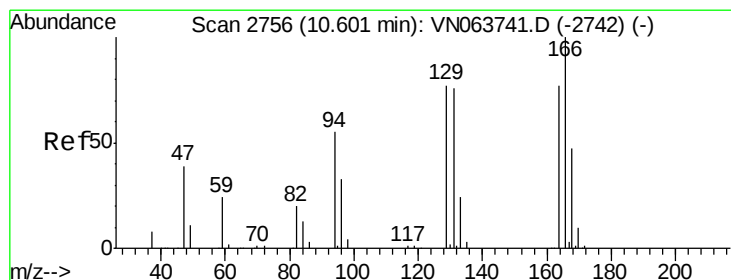
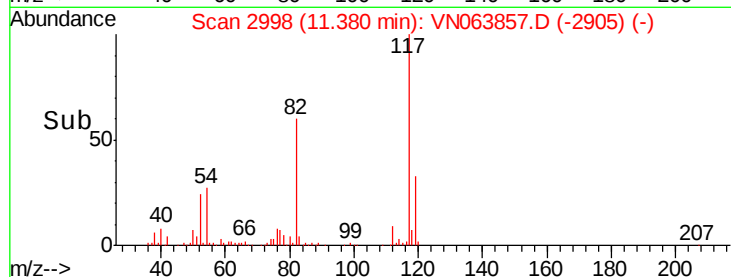
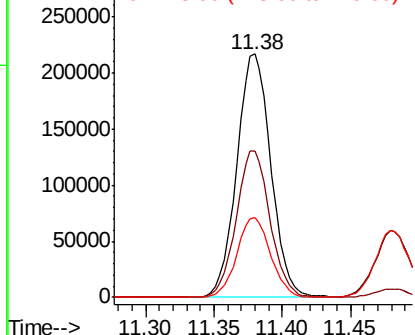
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 376820
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.8 26.4 39.6

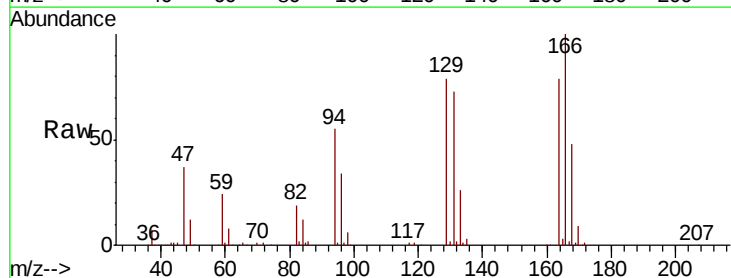


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

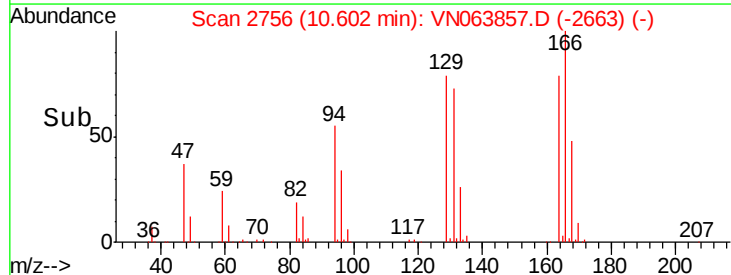
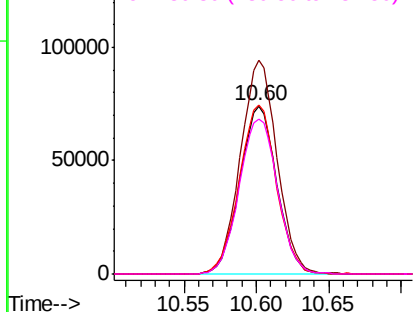


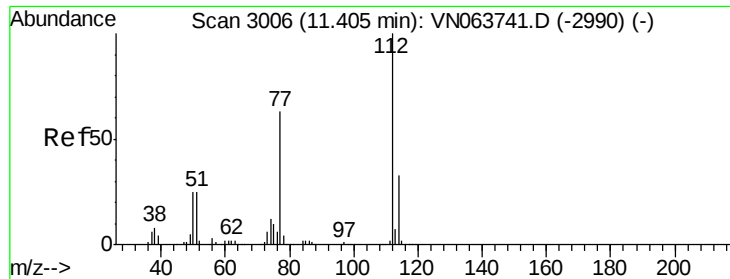
#64
Tetrachloroethene
Concen: 44.937 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion:164 Resp: 131006
Ion Ratio Lower Upper
164 100
166 127.4 103.9 155.9
129 101.1 80.3 120.5
131 92.5 78.9 118.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

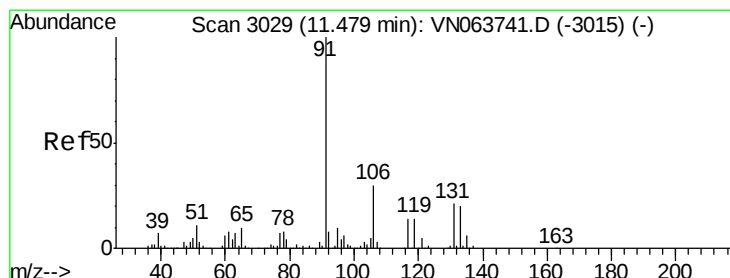
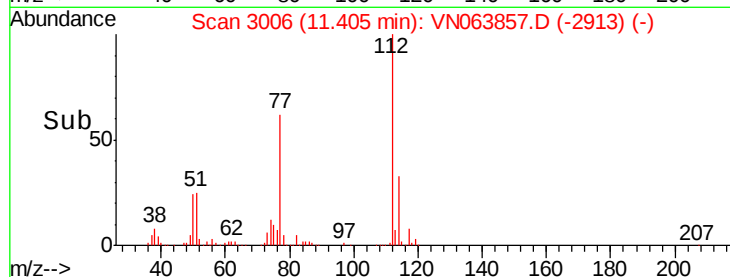
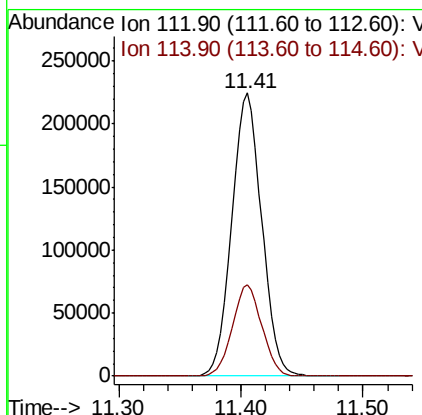
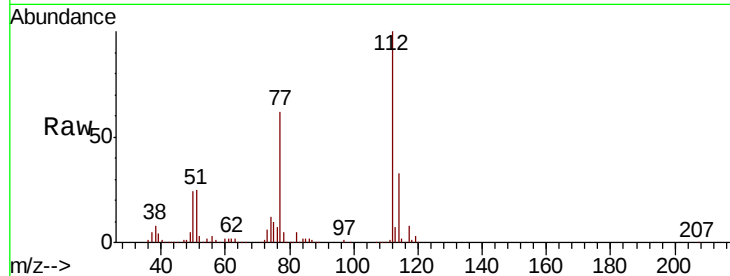




#65
Chlorobenzene
Concen: 49.549 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

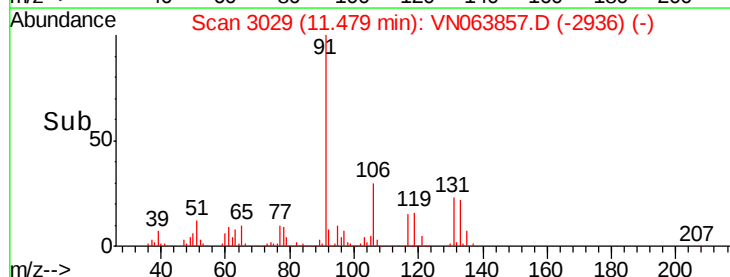
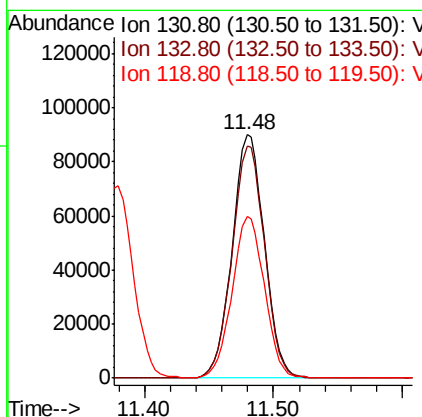
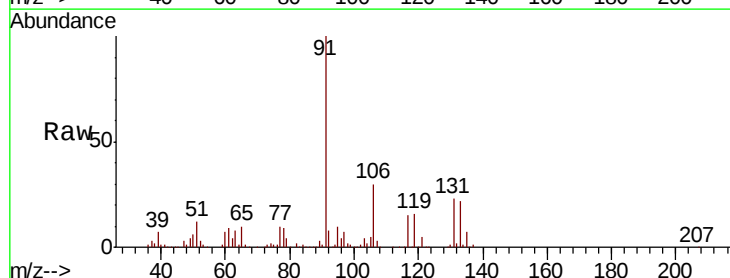
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

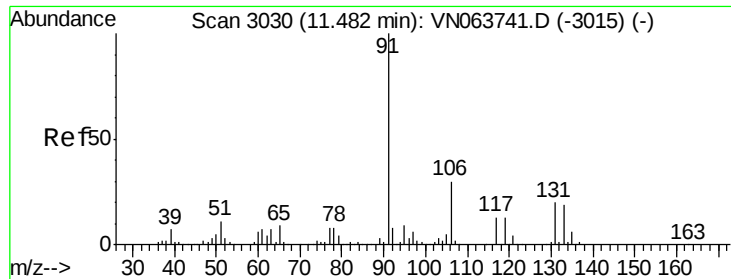
Tot Ion:112 Resp: 383001
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.829 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion:131 Resp: 156553
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 66.0 32.6 97.7

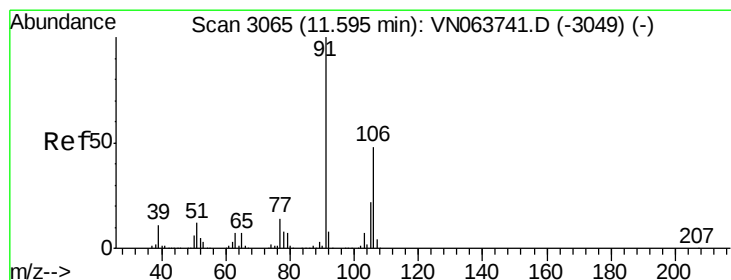
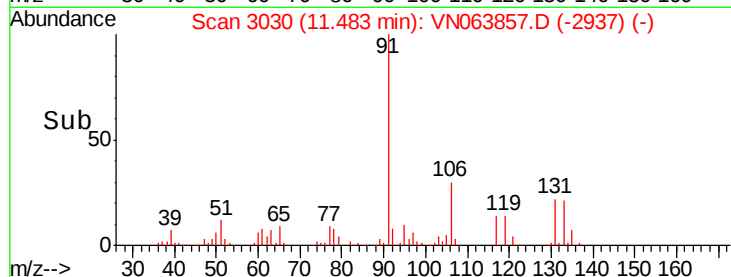
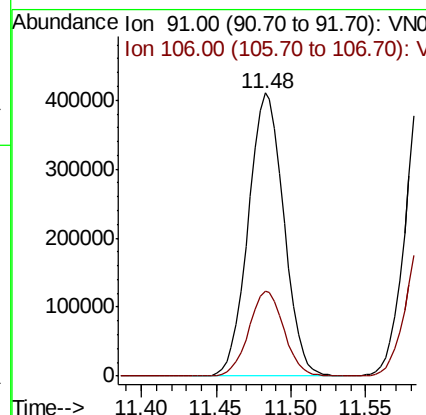
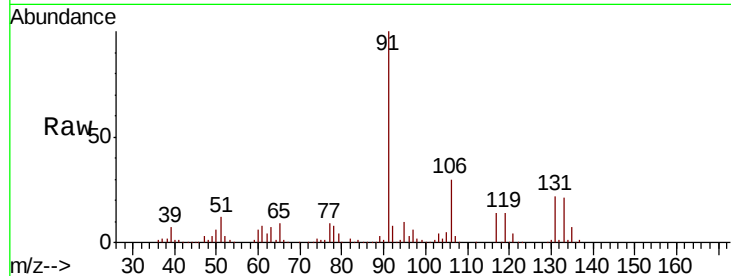




#67
Ethyl Benzene
Concen: 48.267 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

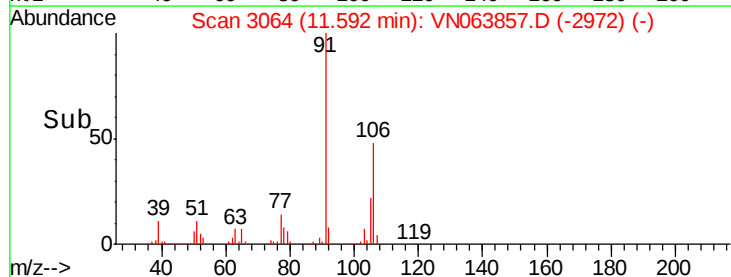
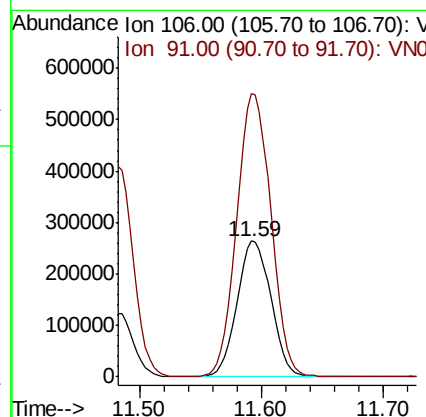
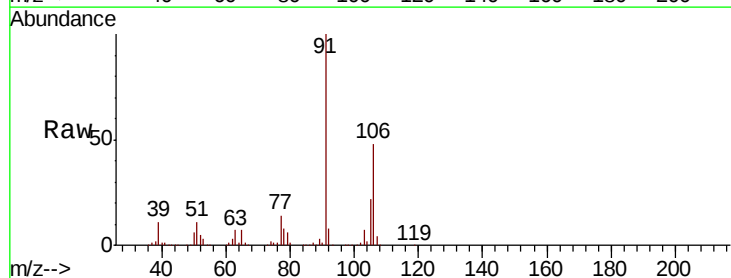
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

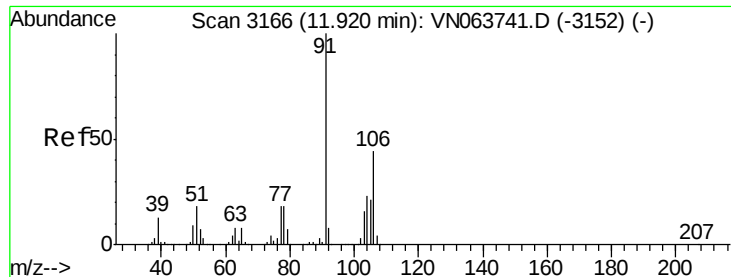
Tot Ion: 91 Resp: 678896
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#68
m/p-Xylenes
Concen: 96.734 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 106 Resp: 507091
Ion Ratio Lower Upper
106 100
91 210.8 168.0 252.0

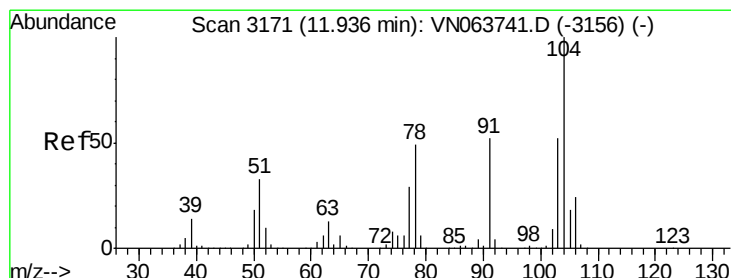
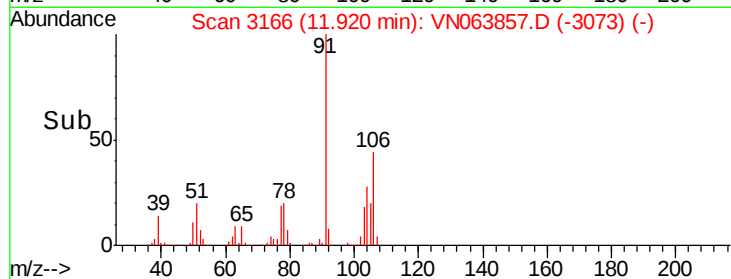
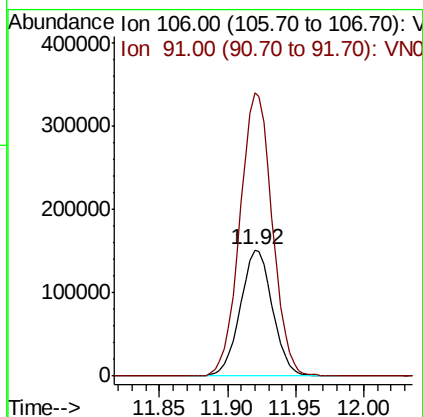
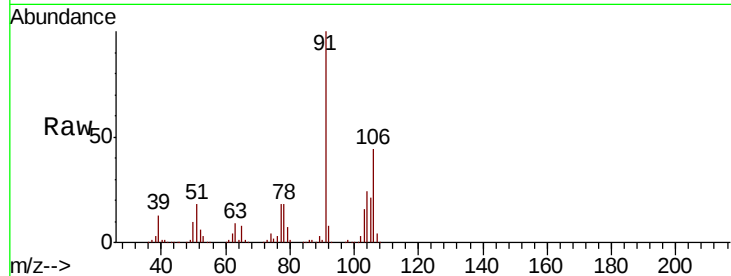




#69
o-Xylene
Concen: 50.502 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

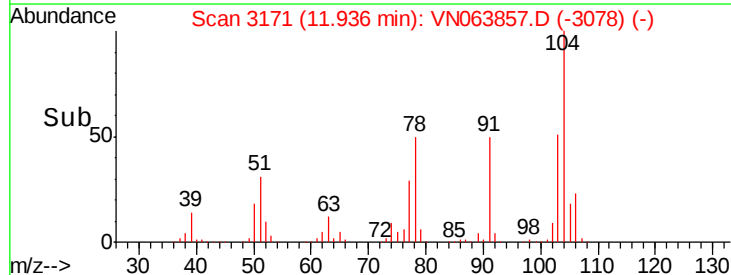
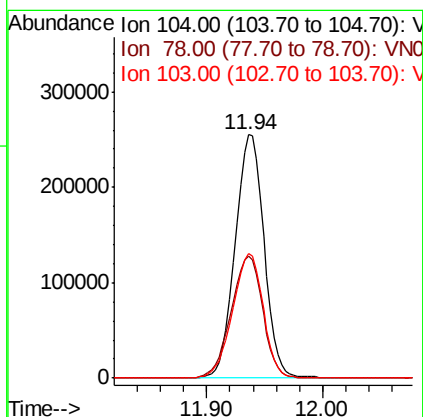
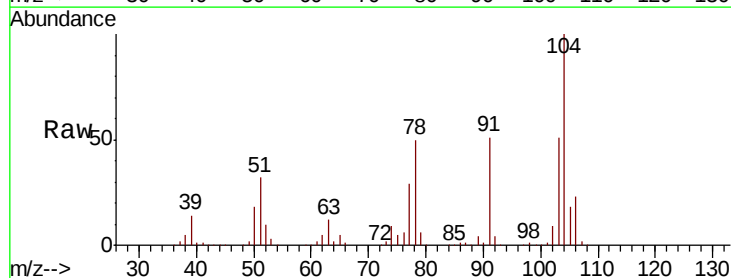
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

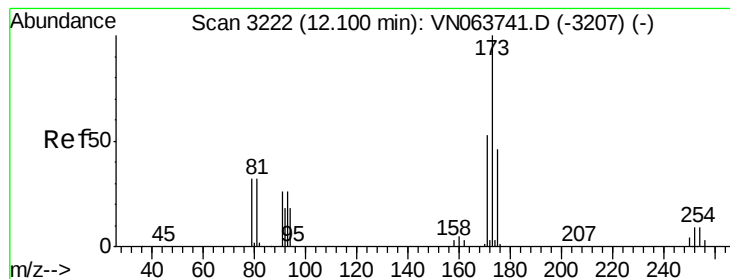
Tot Ion:106 Resp: 247442
Ion Ratio Lower Upper
106 100
91 226.7 112.7 338.0



#70
Styrene
Concen: 52.976 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion:104 Resp: 440604
Ion Ratio Lower Upper
104 100
78 54.8 44.1 66.1
103 54.2 44.3 66.5





#71

Bromoform

Concen: 56.470 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

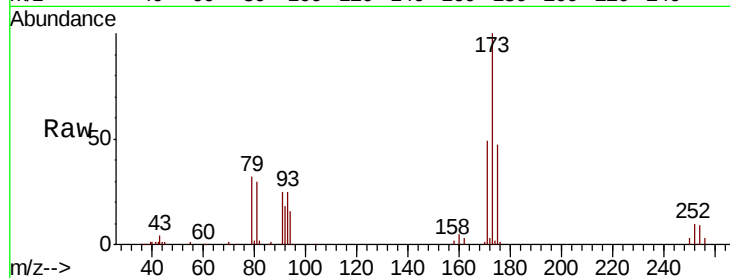
Tot Ion:173 Resp: 127985

Ion Ratio Lower Upper

173 100

175 47.6 23.5 70.5

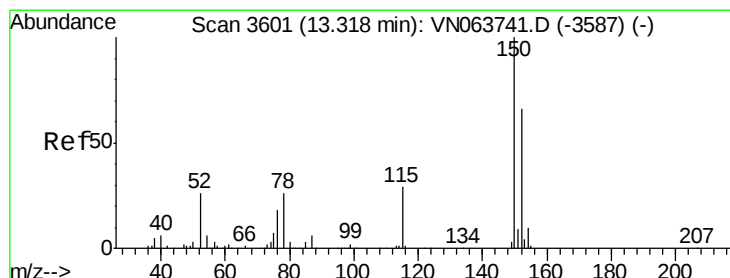
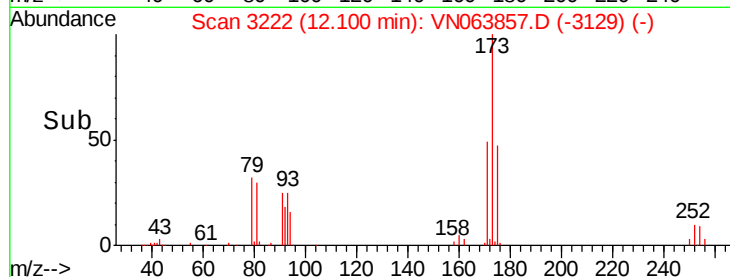
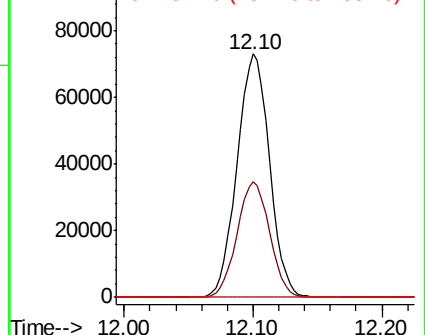
254 0.0 0.0 0.0



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: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

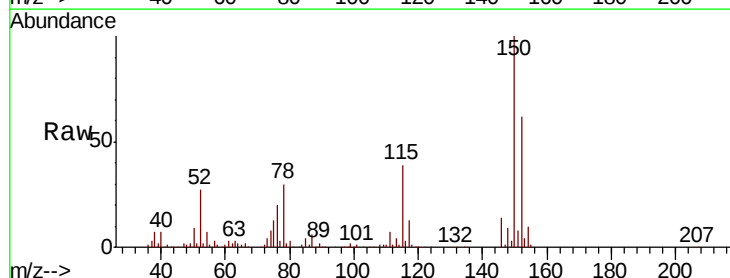
Tgt Ion:152 Resp: 181879

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

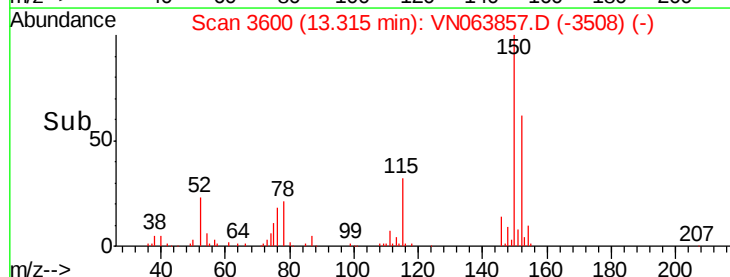
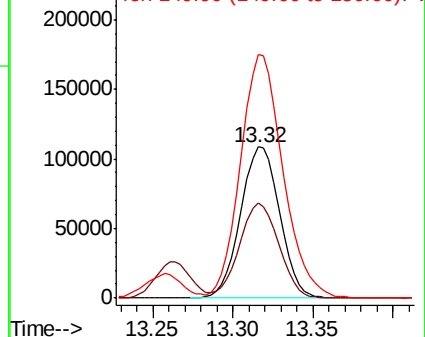
150 175.1 0.0 341.8

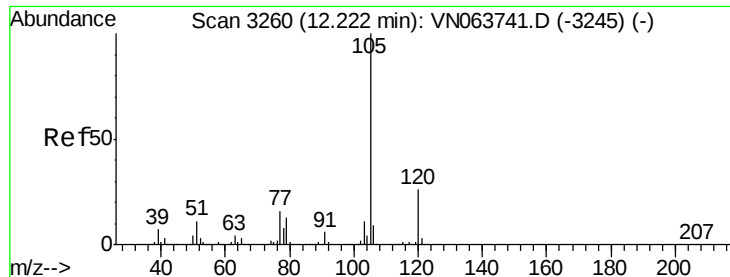


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

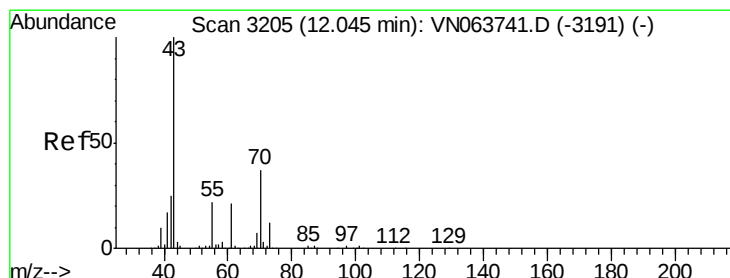
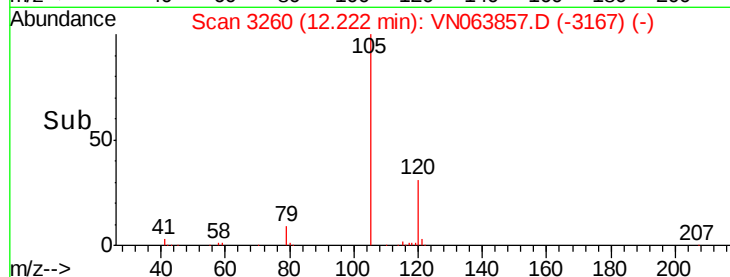
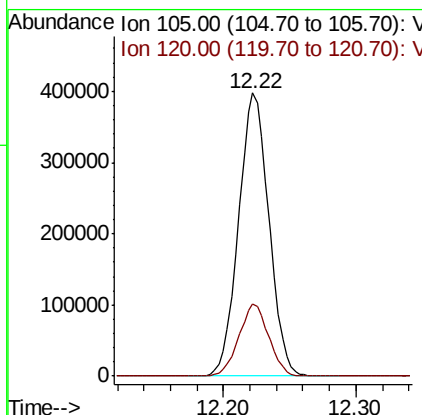
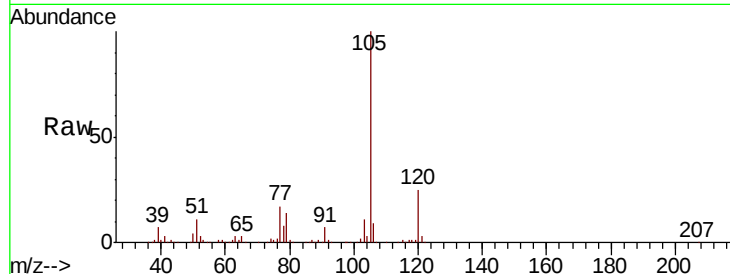




#73
Isopropylbenzene
Concen: 47.573 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

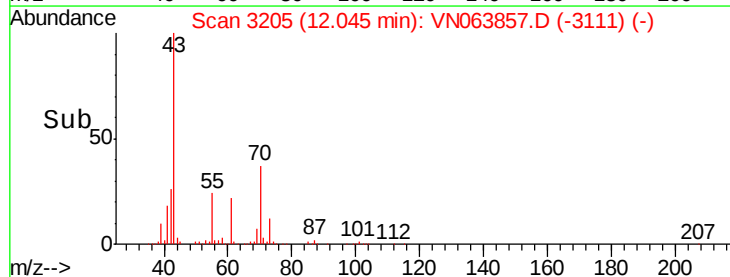
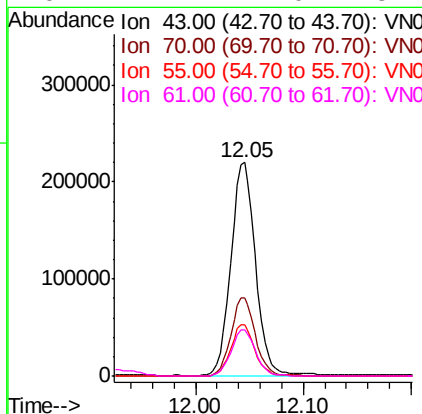
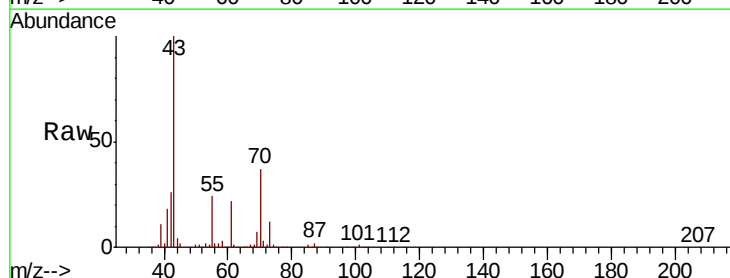
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

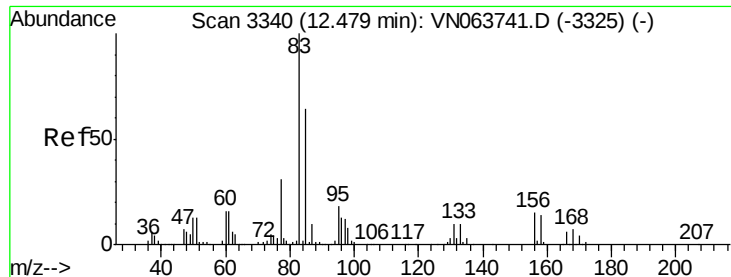
Tot Ion:105 Resp: 631110
Ion Ratio Lower Upper
105 100
120 25.1 12.6 37.8



#74
N-ethyl acetate
Concen: 56.580 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion: 43 Resp: 350749
Ion Ratio Lower Upper
43 100
70 36.0 29.8 44.8
55 23.5 17.9 26.9
61 21.7 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 57.226 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

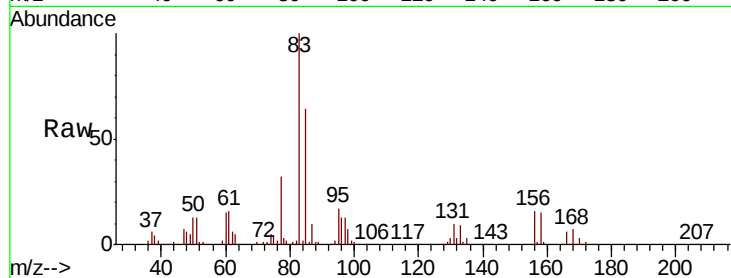
Tot Ion: 83 Resp: 232145

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

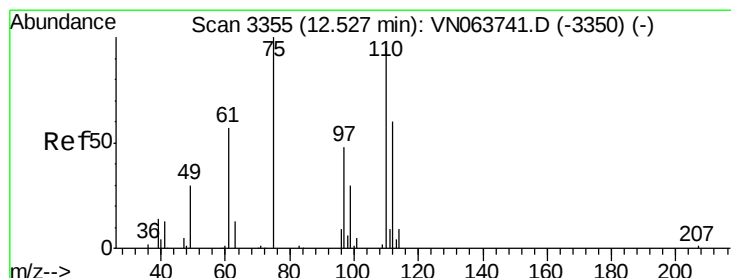
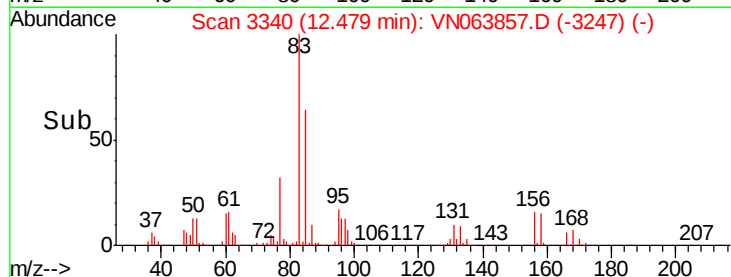
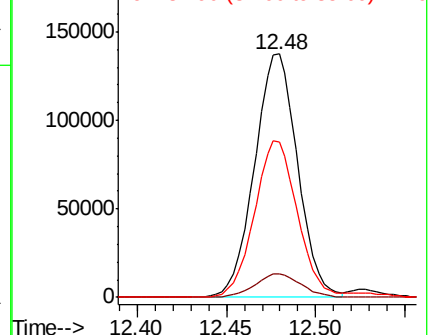
85 65.6 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063857.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063857.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063857.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 77.680 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063857.D

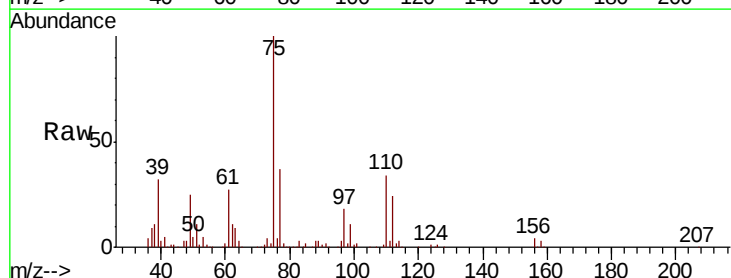
Acq: 3 Oct 2020 6:44

Tgt Ion: 75 Resp: 311446

Ion Ratio Lower Upper

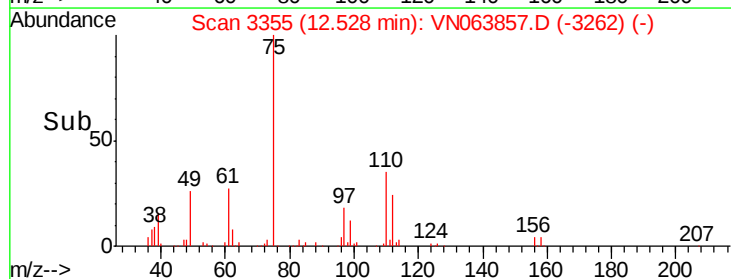
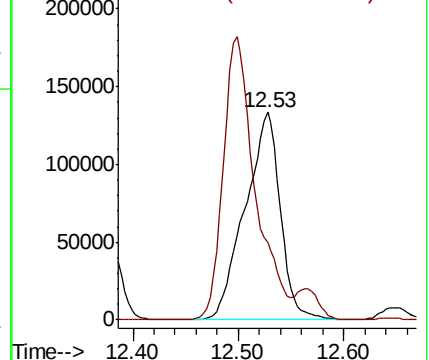
75 100

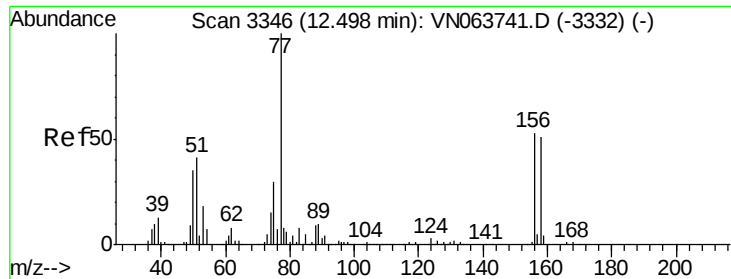
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063857.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063857.D (-3262) (-)





#77

Bromobenzene

Concen: 51.518 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

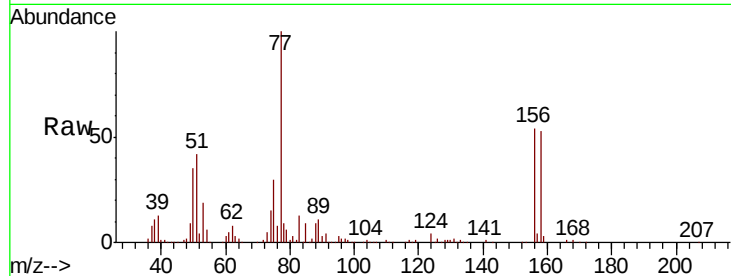
Tot Ion:156 Resp: 167699

Ion Ratio Lower Upper

156 100

77 229.0 110.9 332.7

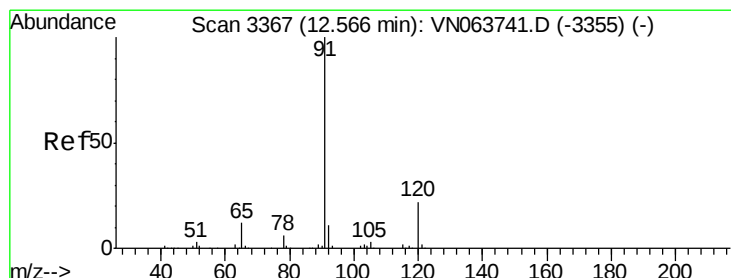
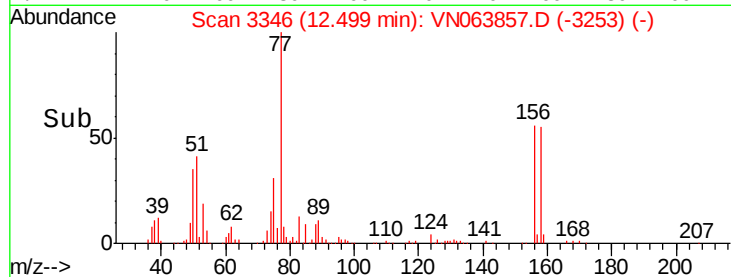
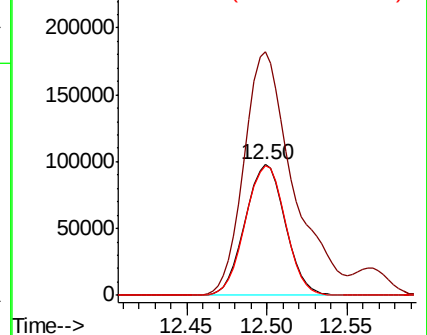
158 99.4 47.7 143.1



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: 46.626 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063857.D

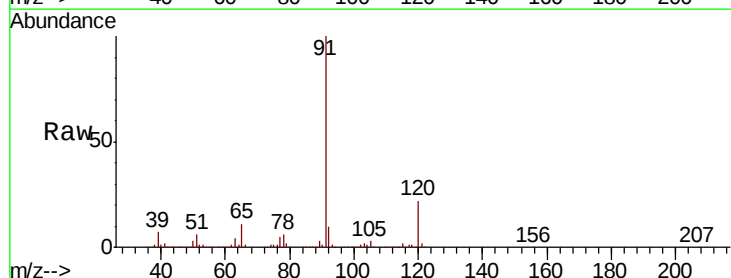
Acq: 3 Oct 2020 6:44

Tgt Ion: 91 Resp: 719861

Ion Ratio Lower Upper

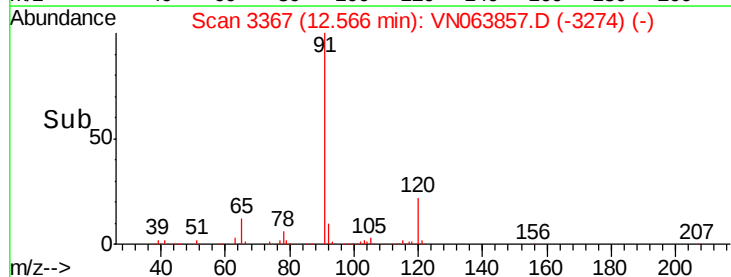
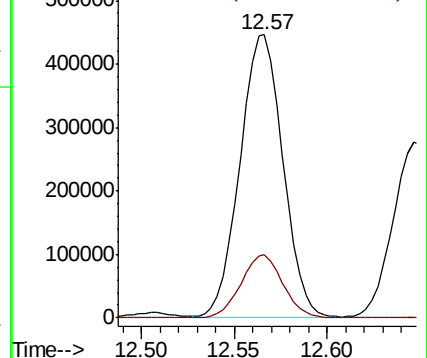
91 100

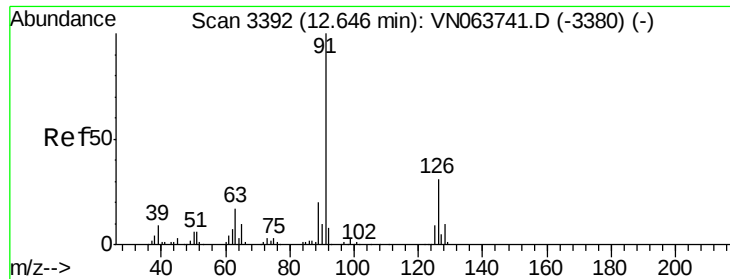
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

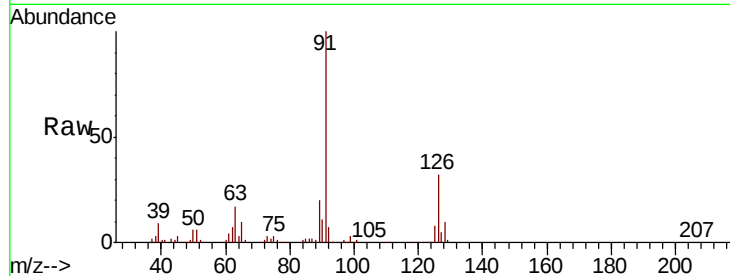




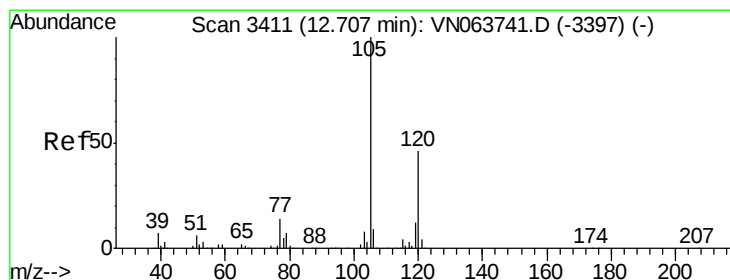
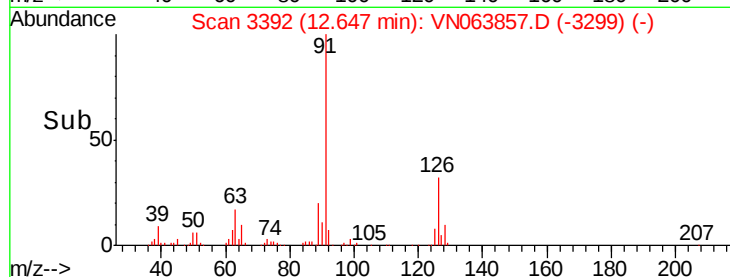
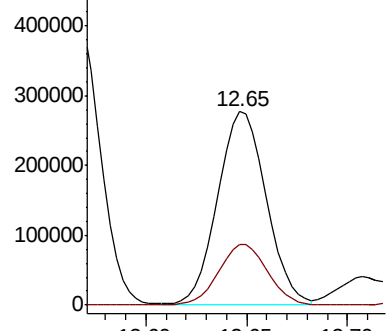
#79
 2-Chlorotoluene
 Concen: 49.210 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 467263
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.7

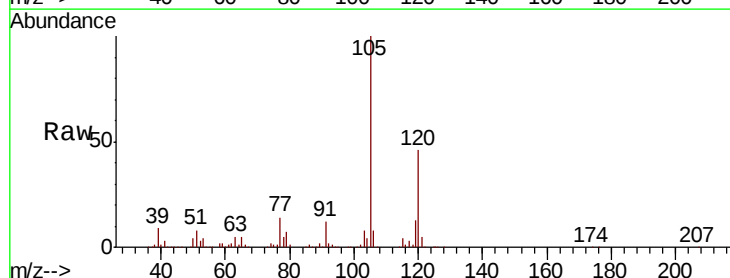


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)
 Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

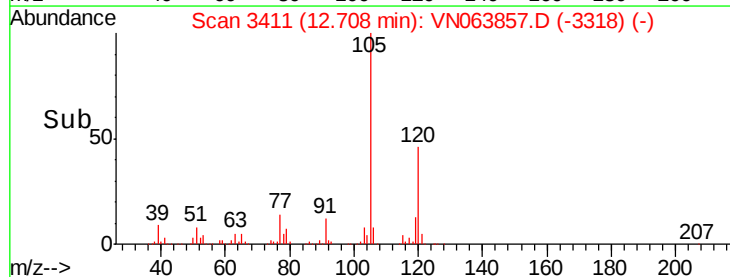
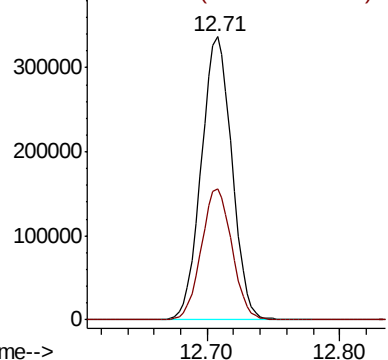


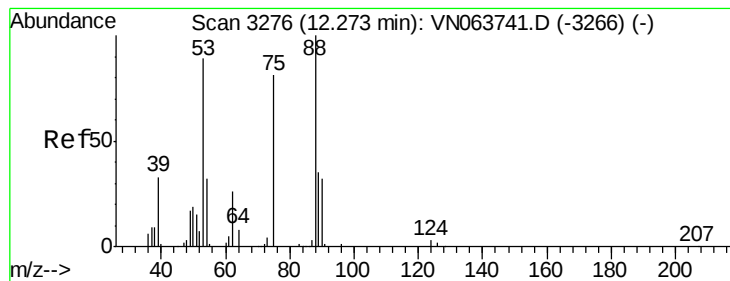
#80
 1,3,5-Trimethylbenzene
 Concen: 48.409 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion: 105 Resp: 538767
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)
 Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.352 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

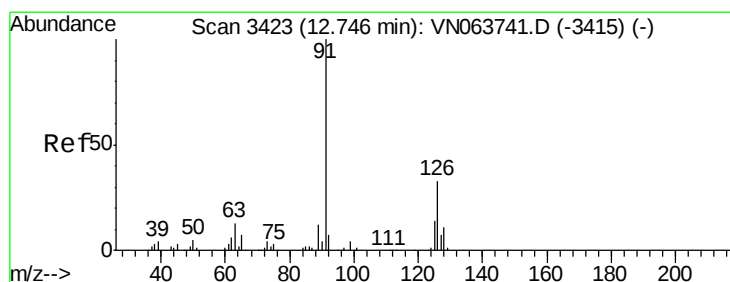
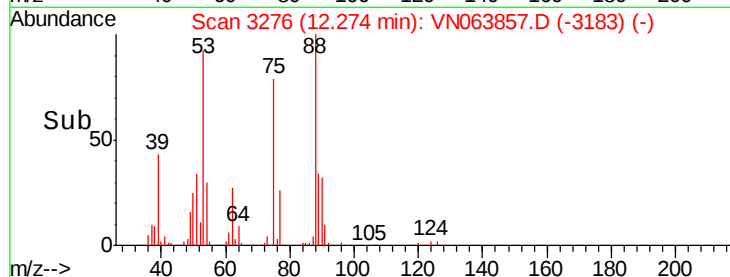
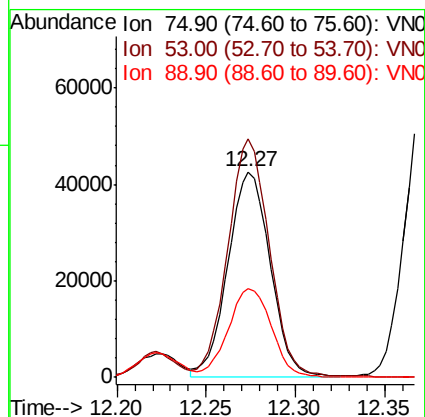
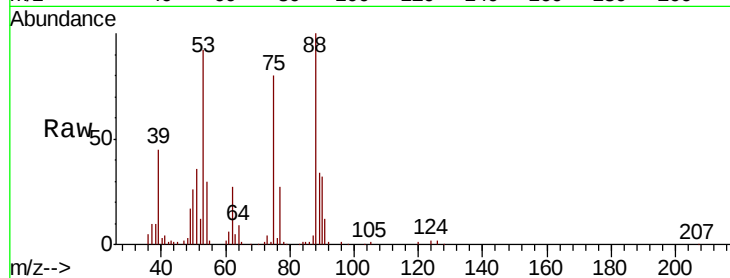
Tot Ion: 75 Resp: 70093

Ion Ratio Lower Upper

75 100

53 112.3 88.2 132.2

89 44.2 36.0 54.0



#82

4-Chlorotoluene

Concen: 49.760 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063857.D

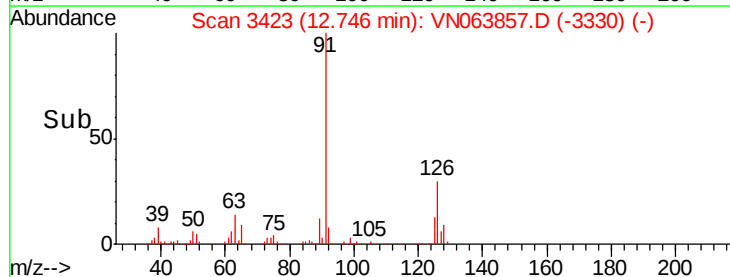
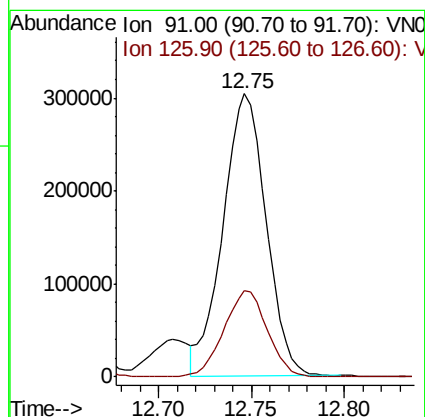
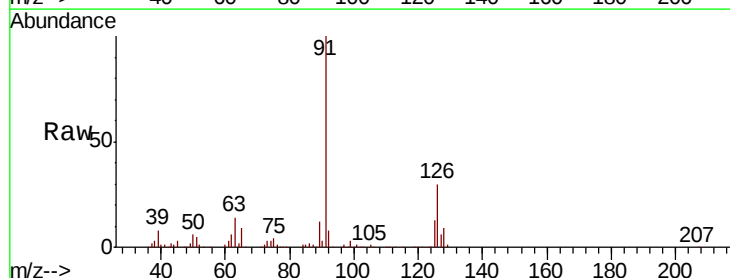
Acq: 3 Oct 2020 6:44

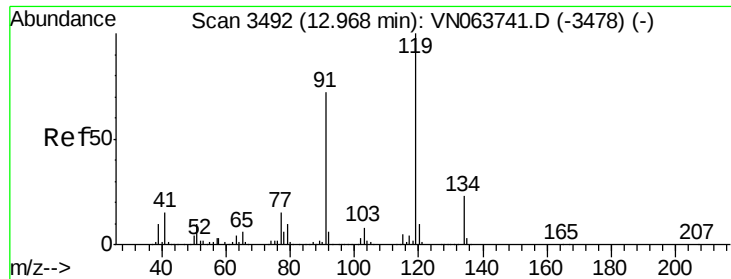
Tgt Ion: 91 Resp: 490495

Ion Ratio Lower Upper

91 100

126 30.5 15.4 46.2

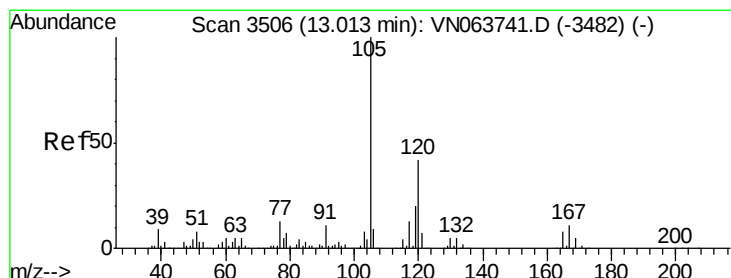
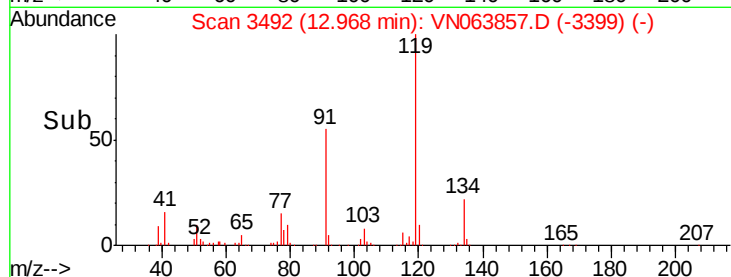
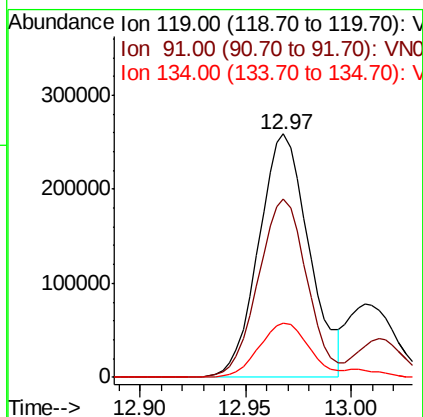
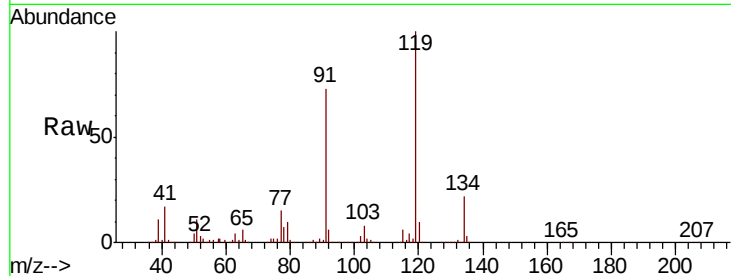




#83
 tert-Butylbenzene
 Concen: 47.216 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

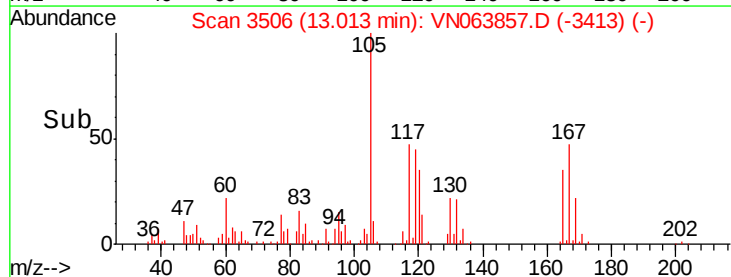
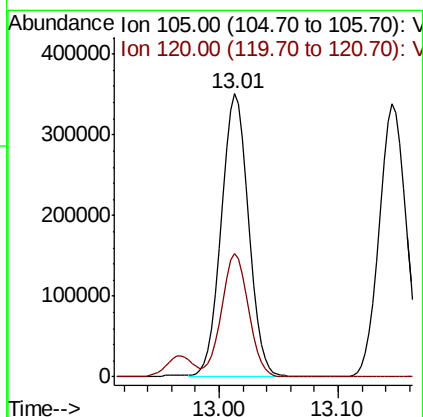
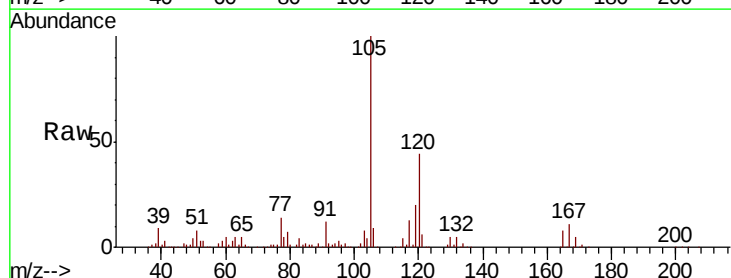
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

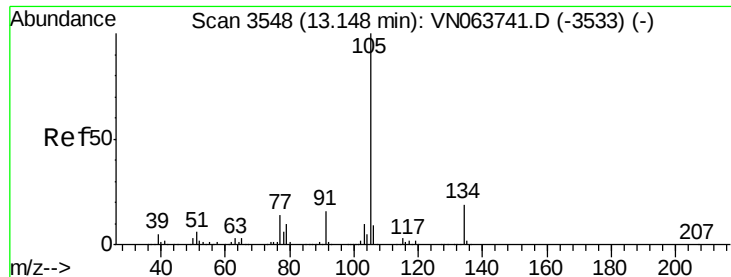
Tot Ion:119 Resp: 429842
 Ion Ratio Lower Upper
 119 100
 91 70.8 35.5 106.5
 134 22.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.076 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion:105 Resp: 556442
 Ion Ratio Lower Upper
 105 100
 120 43.3 20.9 62.7

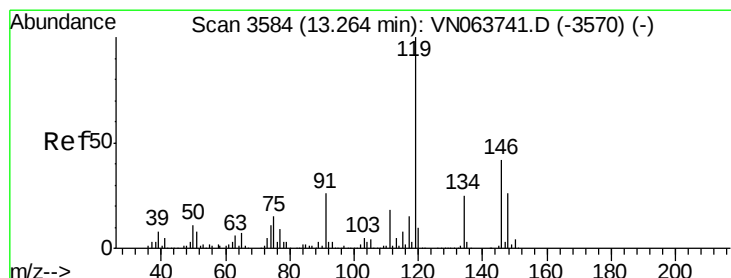
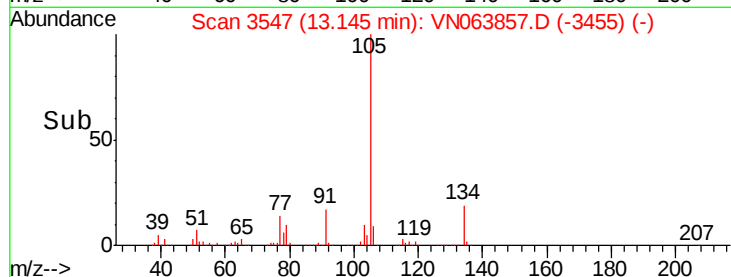
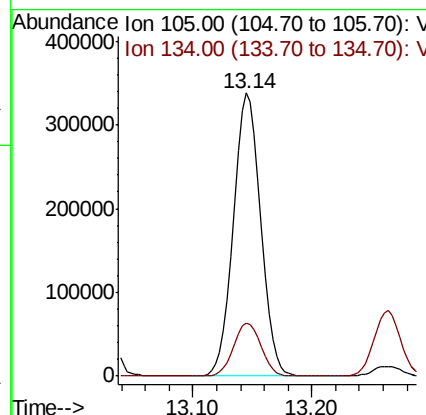
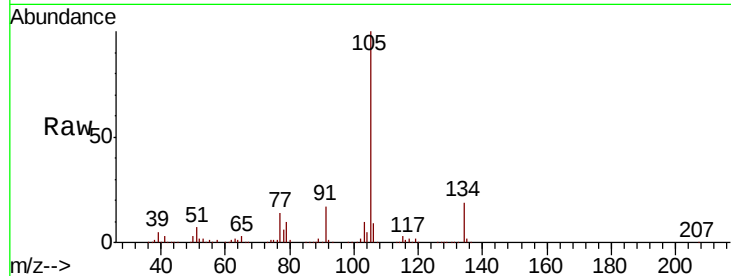




#85
 sec-Butylbenzene
 Concen: 44.840 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

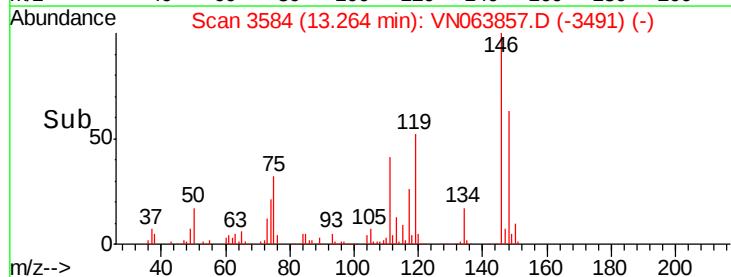
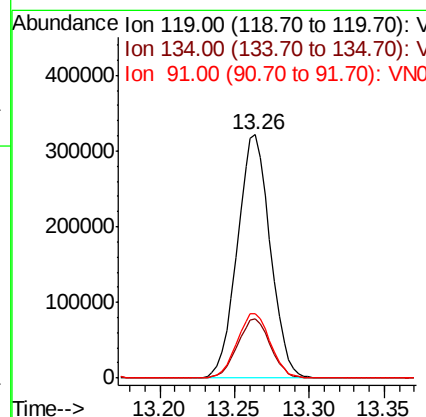
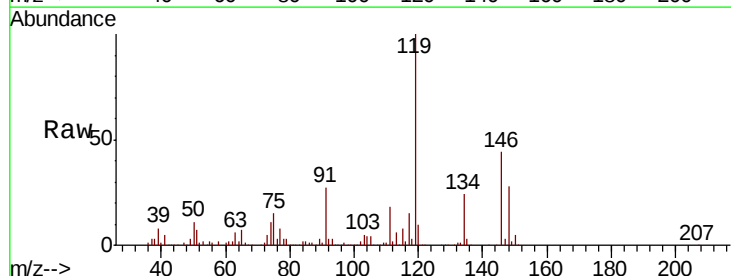
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

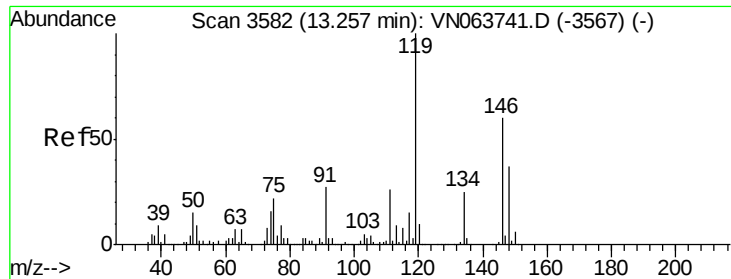
Tot Ion:105 Resp: 536160
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 46.349 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion:119 Resp: 490285
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 26.8 13.4 40.2

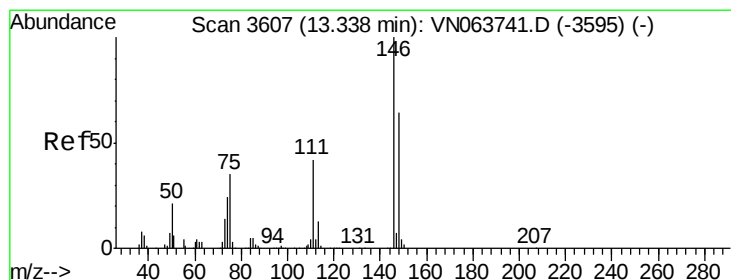
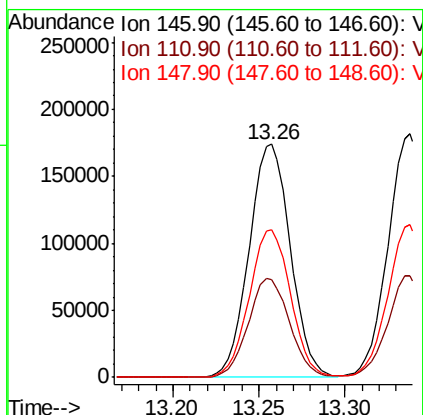
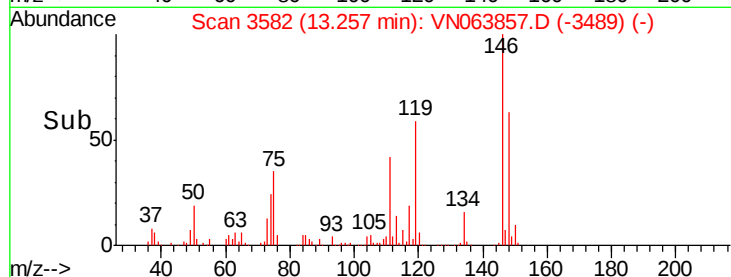
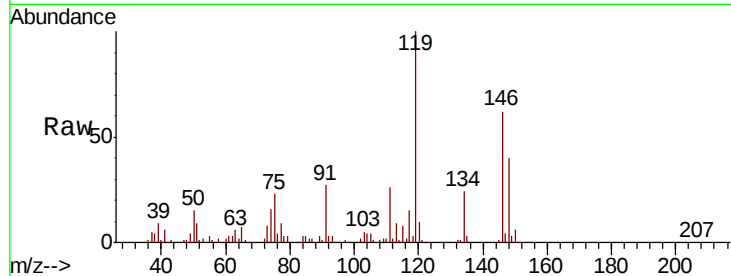




#87
 1,3-Dichlorobenzene
 Concen: 49.274 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

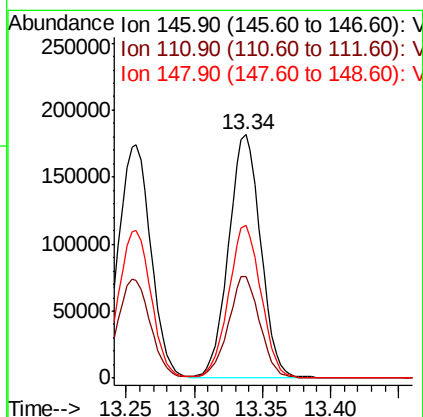
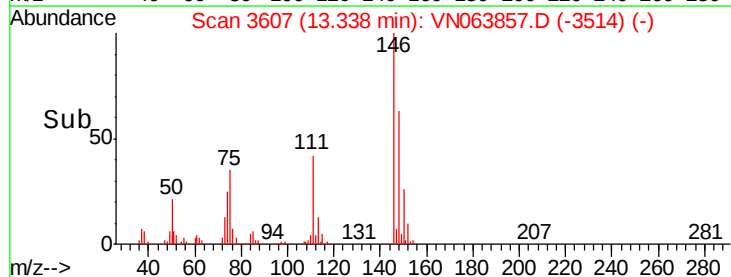
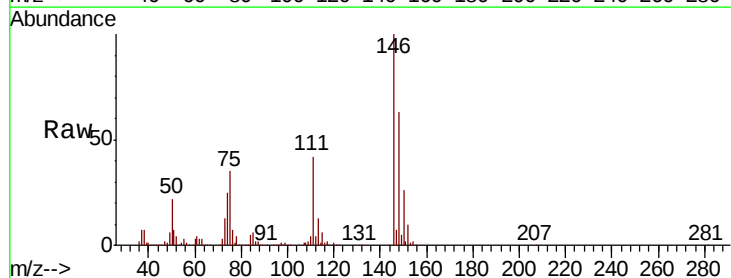
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

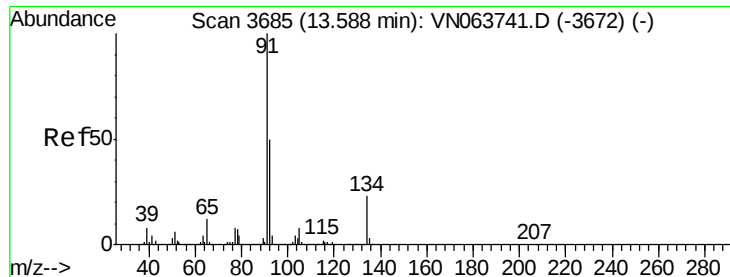
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.5	64.5
148	63.5	31.1	93.3



#88
 1,4-Dichlorobenzene
 Concen: 48.408 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.3	63.7
148	63.0	32.0	96.0





#89

n-Butylbenzene

Concen: 41.293 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063857.D

Acq: 3 Oct 2020 6:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

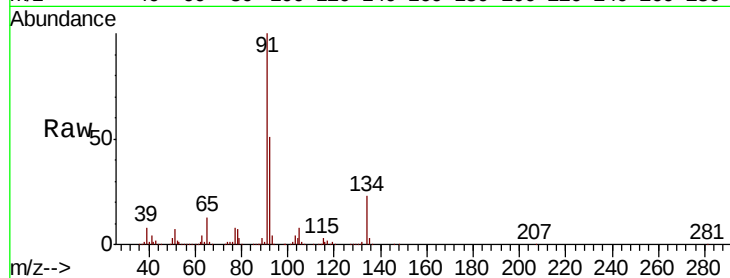
Tot Ion: 91 Resp: 403149

Ion Ratio Lower Upper

91 100

92 50.4 25.4 76.4

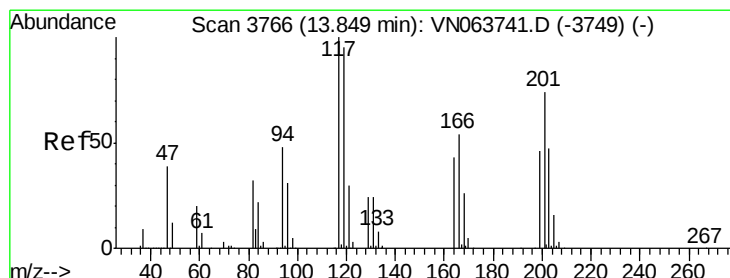
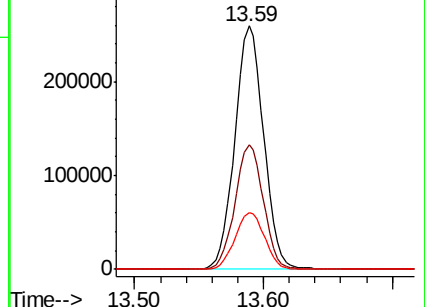
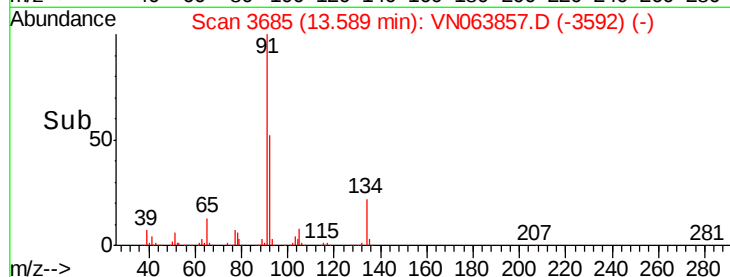
134 23.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 46.480 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN063857.D

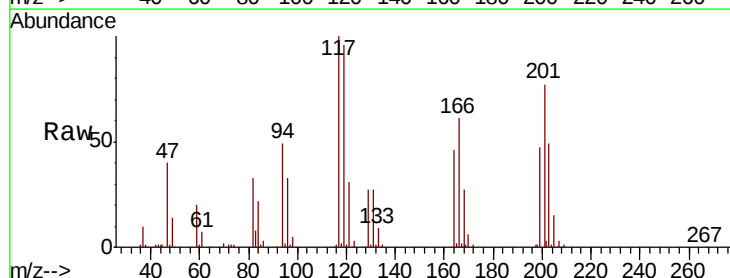
Acq: 3 Oct 2020 6:44

Tgt Ion: 117 Resp: 95273

Ion Ratio Lower Upper

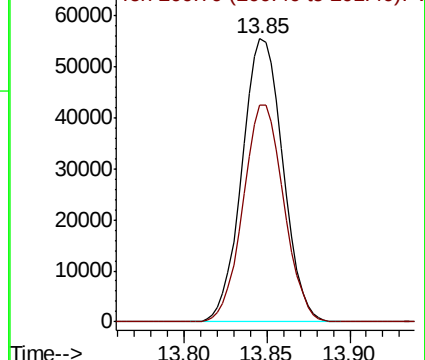
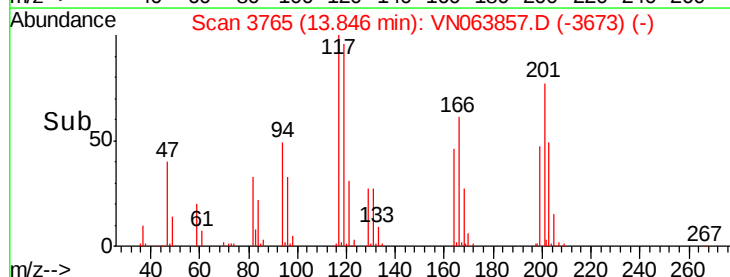
117 100

201 76.3 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

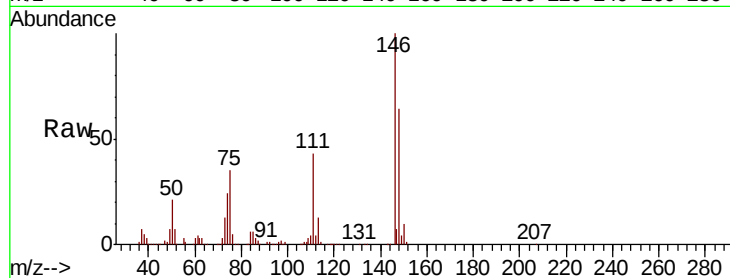




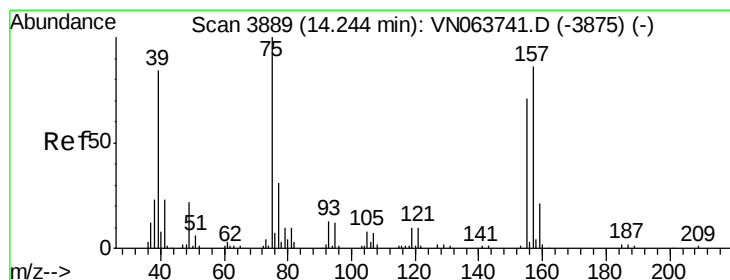
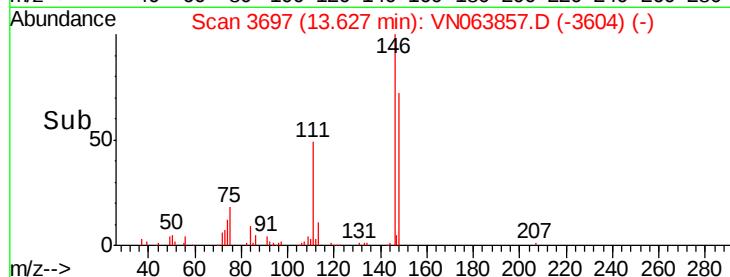
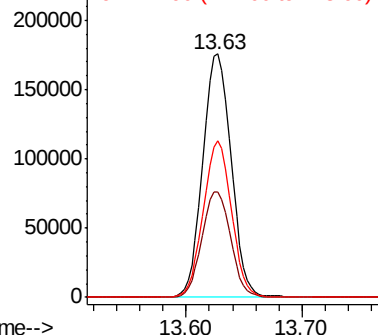
#91
 1,2-Dichlorobenzene
 Concen: 51.072 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 297903
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.2 66.6
 148 63.7 32.5 97.4

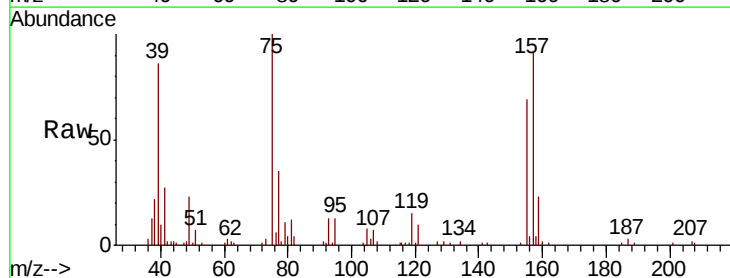


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

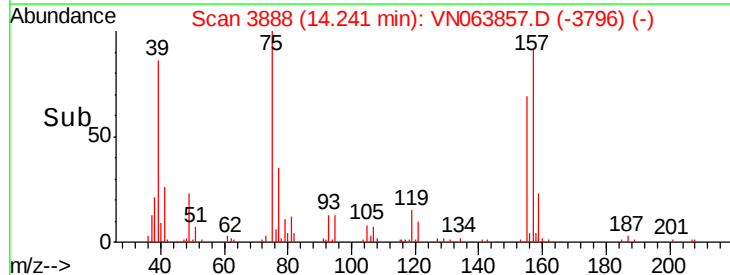
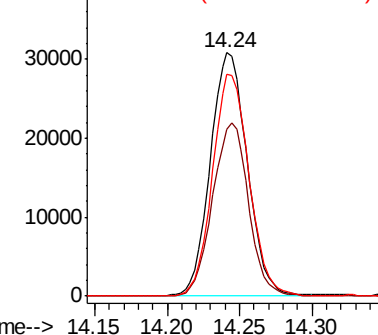


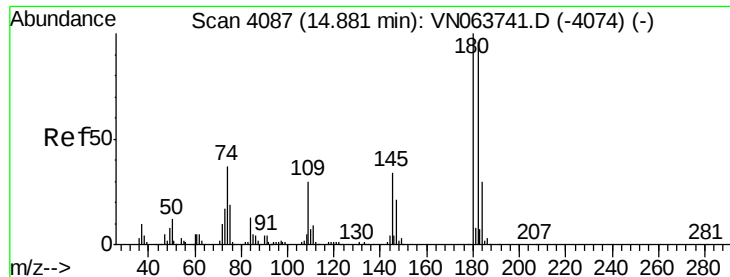
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.558 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion: 75 Resp: 54758
 Ion Ratio Lower Upper
 75 100
 155 68.9 34.8 104.5
 157 89.7 43.7 131.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

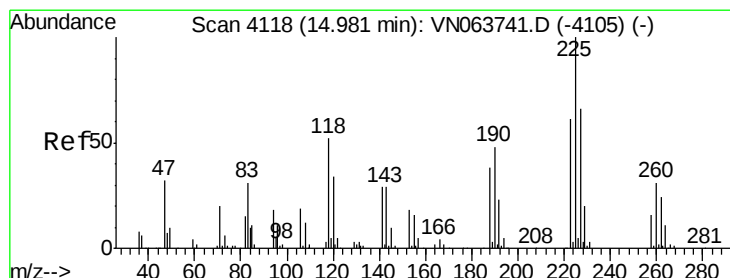
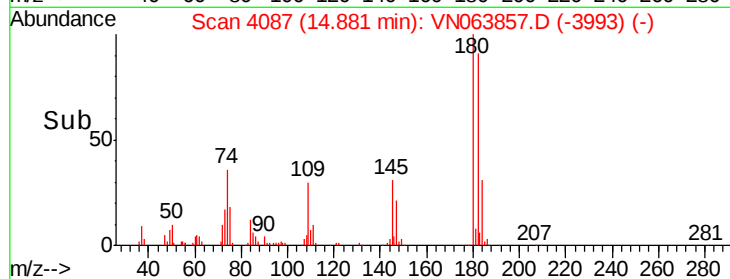
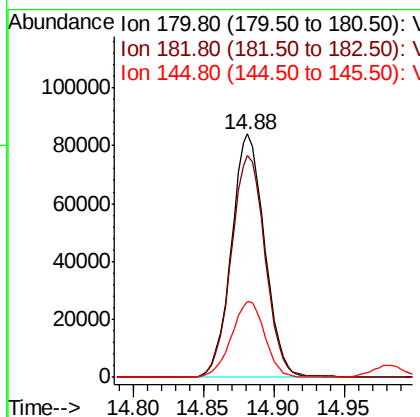
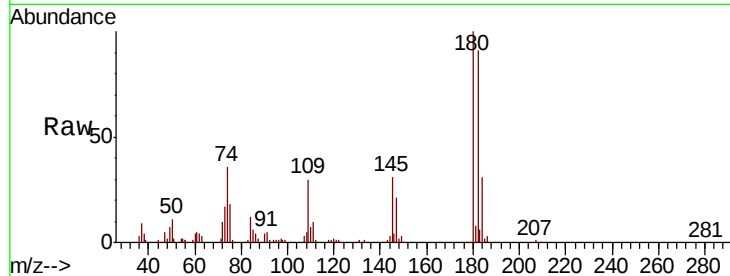




#93
 1,2,4-Trichlorobenzene
 Concen: 43.965 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

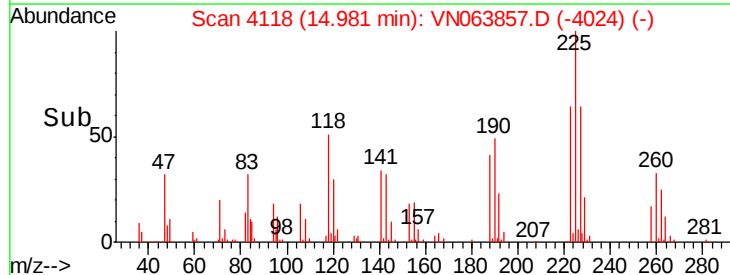
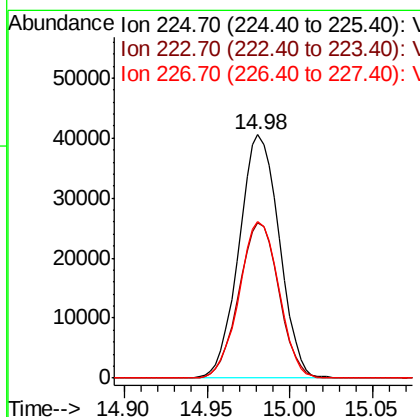
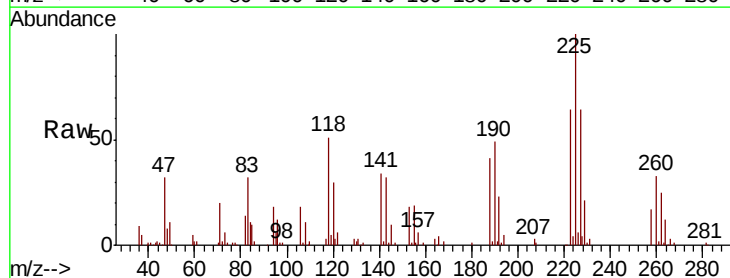
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

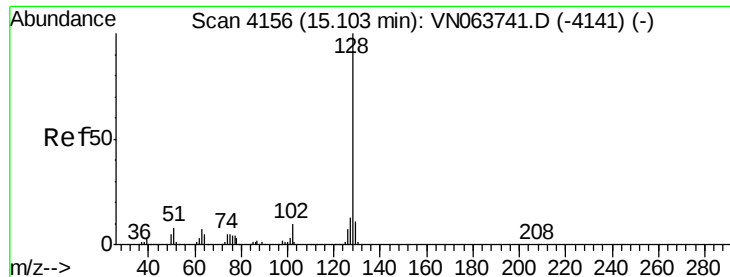
Tot Ion:180 Resp: 138756
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.2 144.6
 145 31.2 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 43.349 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063857.D
 Acq: 3 Oct 2020 6:44

Tgt Ion:225 Resp: 68543
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.3 91.0
 227 63.3 31.9 95.5

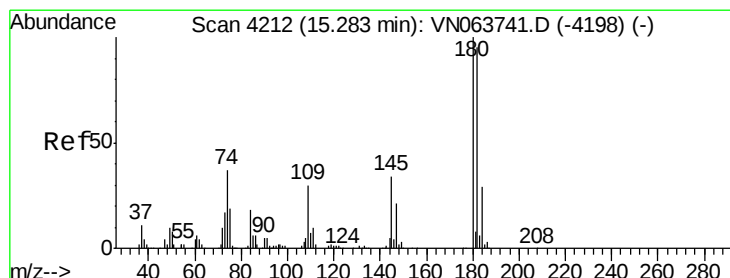
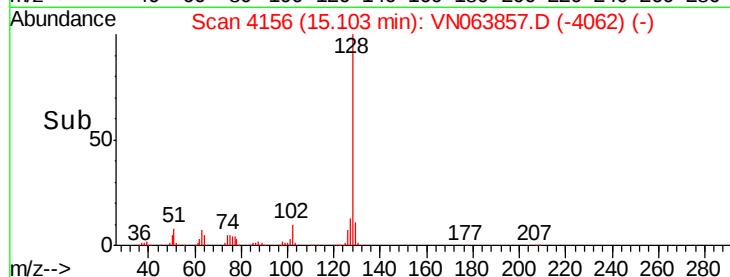
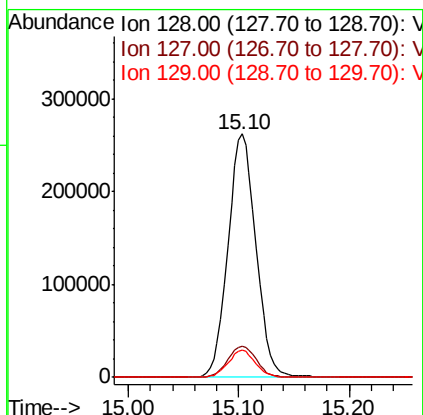
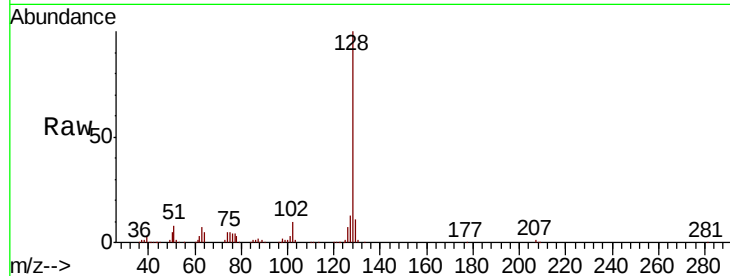




#95
Naphthalene
Concen: 47.033 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 460408
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.067 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063857.D
Acq: 3 Oct 2020 6:44

Tgt Ion:180 Resp: 134972
Ion Ratio Lower Upper
180 100
182 97.8 47.9 143.6
145 35.1 17.2 51.5

