

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065010.D
 Acq On : 9 Dec 2020 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 04:05:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	195953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	108237	47.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.02%
35) Dibromofluoromethane	7.54	113	95727	53.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.78%
50) Toluene-d8	10.06	98	362361	49.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.92%
62) 4-Bromofluorobenzene	12.37	95	128891	49.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.32%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74735	44.006	ug/l	99
3) Chloromethane	2.04	50	97861	44.343	ug/l	98
4) Vinyl Chloride	2.17	62	106963	46.488	ug/l	99
5) Bromomethane	2.53	94	72890	48.286	ug/l	99
6) Chloroethane	2.67	64	70258	49.370	ug/l	96
7) Trichlorofluoromethane	2.99	101	158985	49.987	ug/l	98
8) Diethyl Ether	3.37	74	67464	53.738	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	101603	53.252	ug/l	98
10) Methyl Iodide	3.90	142	125864	50.859	ug/l	98
11) Tert butyl alcohol	4.74	59	87152	245.310	ug/l	99
12) 1,1-Dichloroethene	3.69	96	94590	49.780	ug/l	97
13) Acrolein	3.56	56	68023	313.461	ug/l	99
14) Allyl chloride	4.27	41	158824	50.677	ug/l	98
15) Acrylonitrile	4.92	53	265028	270.037	ug/l	99
16) Acetone	3.77	43	269895	360.403	ug/l	98
17) Carbon Disulfide	4.00	76	221408	45.129	ug/l	98
18) Methyl Acetate	4.28	43	126523	56.194	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	342925	56.270	ug/l	97
20) Methylene Chloride	4.50	84	116895	49.814	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	103223	48.918	ug/l	96
22) Diisopropyl ether	5.90	45	354235	56.470	ug/l	99
23) Vinyl Acetate	5.84	43	1416633	282.404	ug/l	100
24) 1,1-Dichloroethane	5.79	63	202341	53.973	ug/l	98
25) 2-Butanone	6.78	43	363115	299.117	ug/l	96
26) 2,2-Dichloropropane	6.77	77	170191	52.343	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	126784	53.396	ug/l	98
28) Bromochloromethane	7.14	49	85246	49.705	ug/l	97
29) Tetrahydrofuran	7.16	42	219121	261.486	ug/l	99
30) Chloroform	7.33	83	209356	54.152	ug/l	100
31) Cyclohexane	7.61	56	152461	48.018	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	174977	52.697	ug/l	99
36) 1,1-Dichloropropene	7.75	75	147400	53.068	ug/l	99
37) Ethyl Acetate	6.88	43	139564	52.163	ug/l	99
38) Carbon Tetrachloride	7.73	117	157672	54.557	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	150707	50.403	ug/l	99
40) Benzene	8.00	78	459680	54.007	ug/l	98
41) Methacrylonitrile	7.12	41	69833	56.566	ug/l	91
42) 1,2-Dichloroethane	8.08	62	154293	53.737	ug/l	99
43) Isopropyl Acetate	8.12	43	236181	54.859	ug/l #	92
44) Trichloroethene	8.79	130	127108	50.614	ug/l	97
45) 1,2-Dichloropropane	9.08	63	125947	57.140	ug/l	98
46) Dibromomethane	9.17	93	83224	56.517	ug/l	98
47) Bromodichloromethane	9.37	83	168778	56.963	ug/l	99
48) Methyl methacrylate	9.16	41	113843	55.339	ug/l	98
49) 1,4-Dioxane	9.16	88	39917	1026.627	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	716660	277.275	ug/l	100
52) Toluene	10.12	92	291444	55.601	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	183262	55.532	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	202218	57.168	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	120761	56.026	ug/l	97
56) Ethyl methacrylate	10.40	69	173398	58.297	ug/l	99
57) 1,3-Dichloropropane	10.68	76	200628	56.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	437933	267.663	ug/l	100
59) 2-Hexanone	10.72	43	531571	285.770	ug/l	99
60) Dibromochloromethane	10.87	129	138608	57.851	ug/l	99
61) 1,2-Dibromoethane	10.97	107	122592	55.982	ug/l	100
64) Tetrachloroethene	10.60	164	128552	48.752	ug/l	99
65) Chlorobenzene	11.40	112	324114	55.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	126456	59.120	ug/l	99
67) Ethyl Benzene	11.48	91	549054	56.468	ug/l	99
68) m/p-Xylenes	11.59	106	430805	117.026	ug/l	97
69) o-Xylene	11.92	106	205947	58.954	ug/l	98
70) Styrene	11.94	104	352797	59.823	ug/l	99
71) Bromoform	12.10	173	97449	57.041	ug/l #	100
73) Isopropylbenzene	12.22	105	541928	58.681	ug/l	100
74) N-amyl acetate	12.04	43	201320	55.393	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	160748	59.385	ug/l	97
76) 1,2,3-Trichloropropane	12.52	75	221109	77.329	ug/l #	100
77) Bromobenzene	12.50	156	141374	56.782	ug/l	97
78) n-propylbenzene	12.56	91	606236	57.623	ug/l	98
79) 2-Chlorotoluene	12.65	91	363248	55.856	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	455617	59.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	58955	56.510	ug/l	96
82) 4-Chlorotoluene	12.75	91	381798	56.010	ug/l	98
83) tert-Butylbenzene	12.97	119	378175	58.776	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	462897	59.643	ug/l	100
85) sec-Butylbenzene	13.14	105	489571	57.308	ug/l	100
86) p-Isopropyltoluene	13.26	119	463382	59.579	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	246761	55.784	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	250083	53.459	ug/l	99
89) n-Butylbenzene	13.59	91	381633	55.874	ug/l	99
90) Hexachloroethane	13.85	117	80536	59.606	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	245236	56.462	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32081	52.673	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
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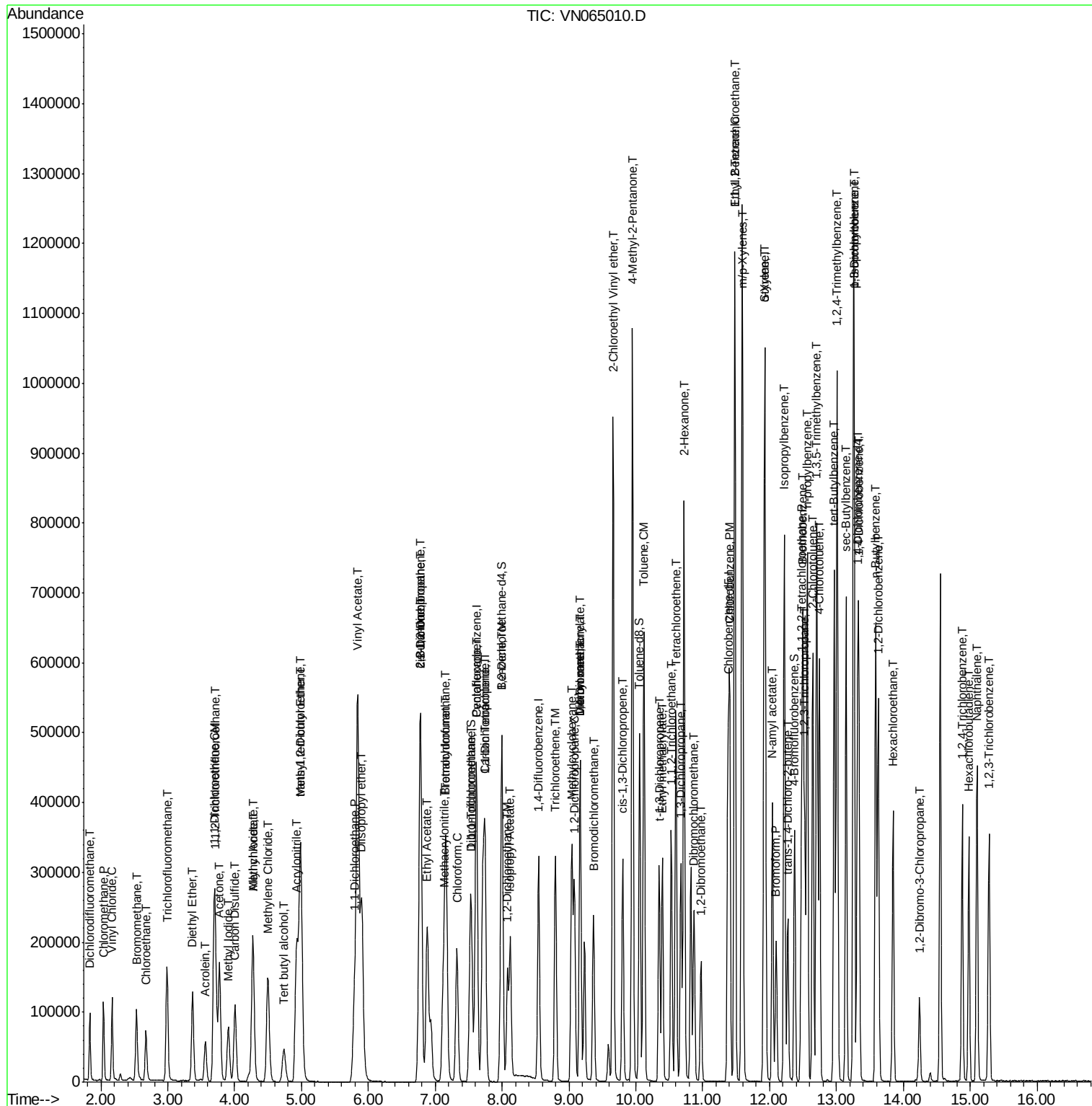
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	135197	50.318	ug/l	100
94) Hexachlorobutadiene	14.98	225	70221	57.977	ug/l	98
95) Naphthalene	15.10	128	398617	49.520	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	129921	50.858	ug/l	98

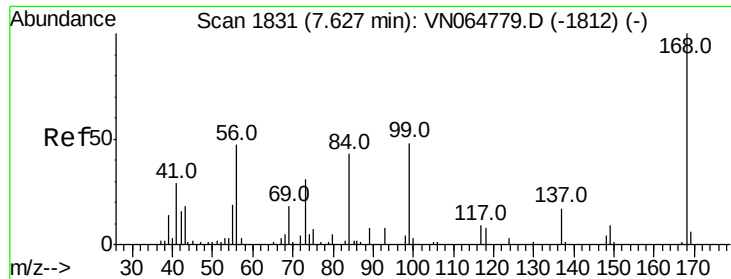
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120920\
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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

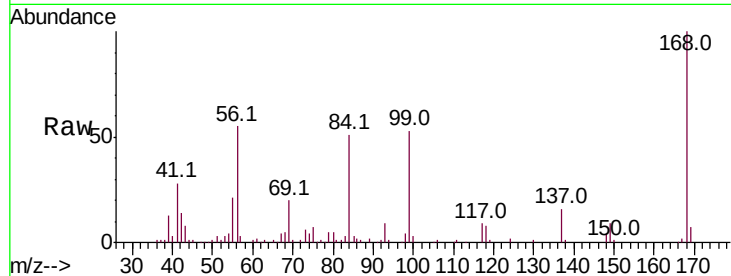
VSTDCCC050

Tot Ion:168 Resp: 195953

Ion Ratio Lower Upper

168 100

99 53.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

60000

40000

20000

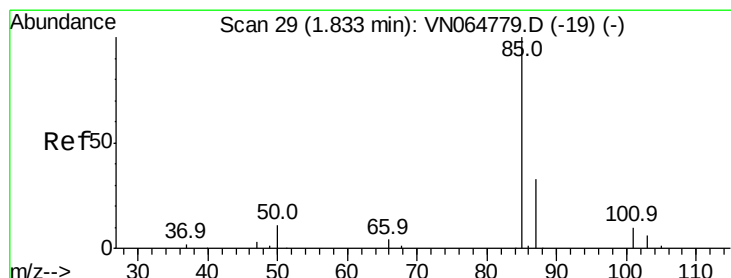
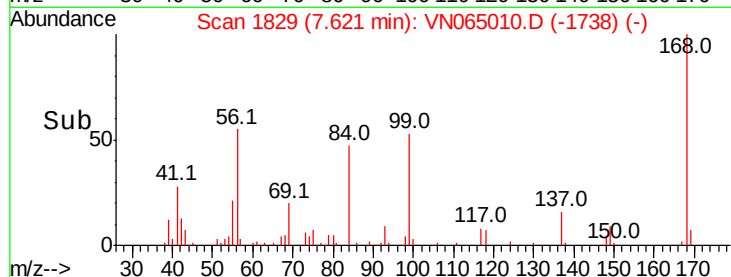
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 44.006 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065010.D

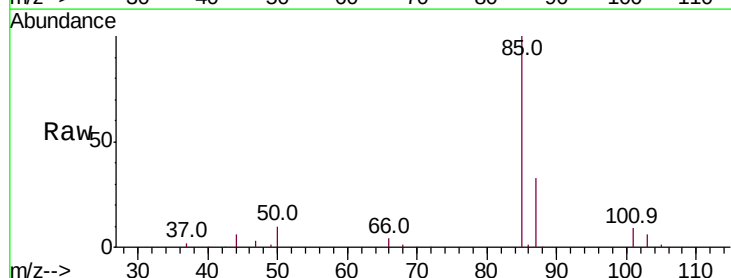
Acq: 9 Dec 2020 10:32

Tgt Ion: 85 Resp: 74735

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

60000

50000

40000

30000

20000

10000

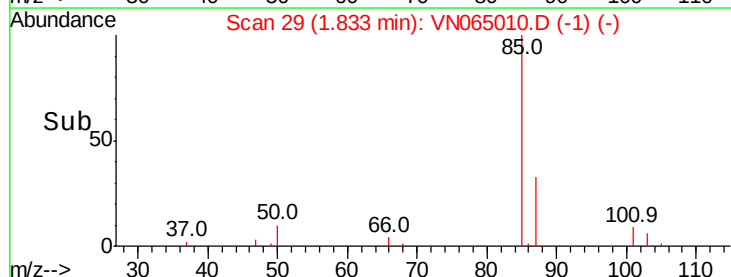
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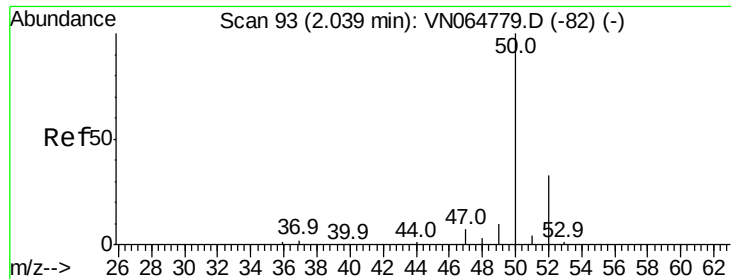
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 44.343 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

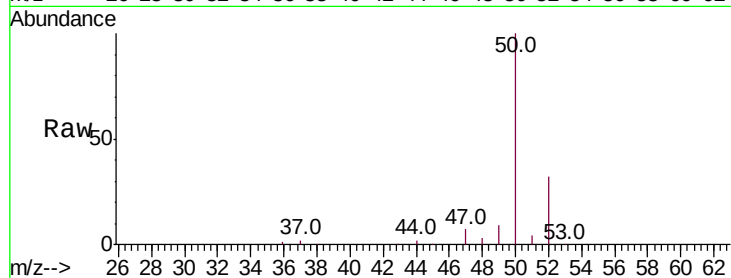
VSTDCCC050

Tot Ion: 50 Resp: 97861

Ion Ratio Lower Upper

50 100

52 32.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

80000

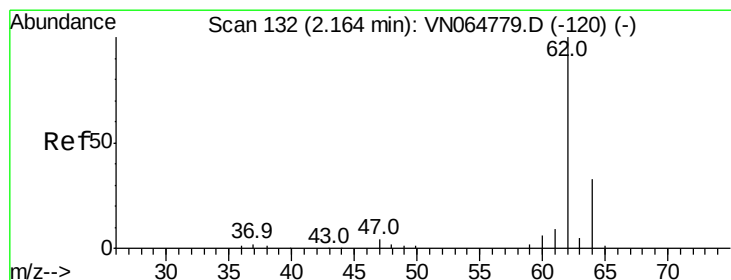
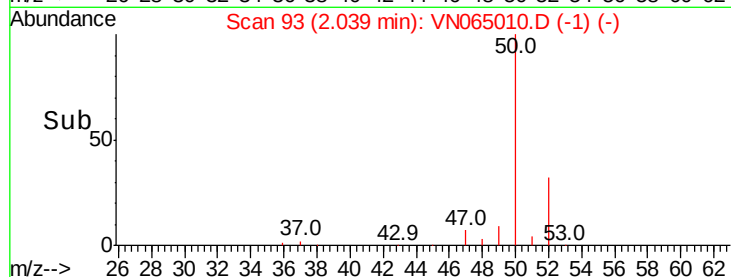
60000

40000

20000

0

Time--> 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 46.488 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065010.D

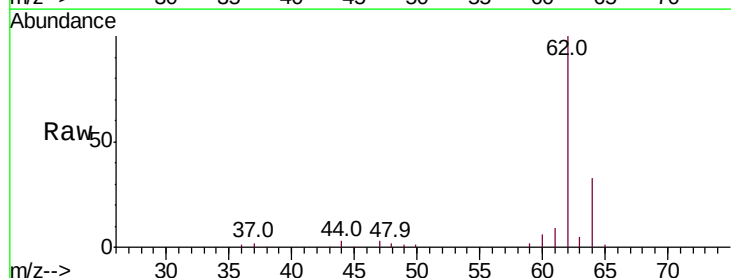
Acq: 9 Dec 2020 10:32

Tgt Ion: 62 Resp: 106963

Ion Ratio Lower Upper

62 100

64 32.7 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

80000

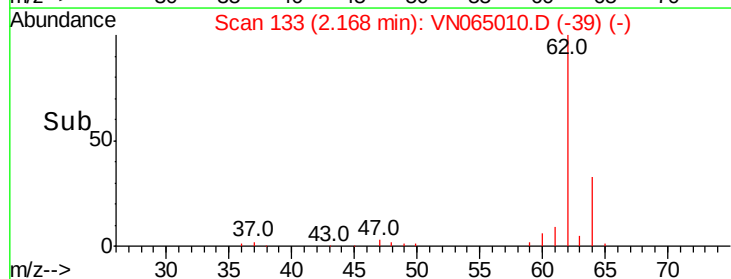
60000

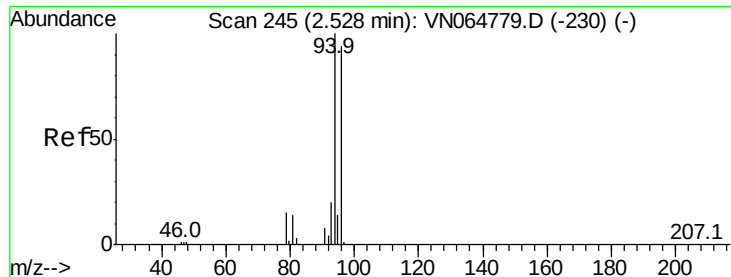
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 48.286 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

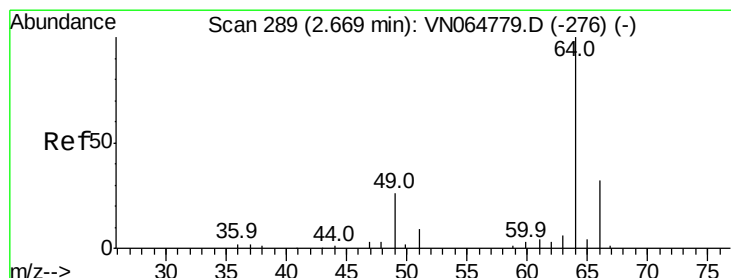
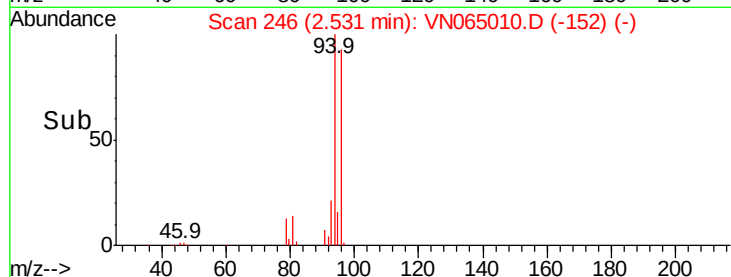
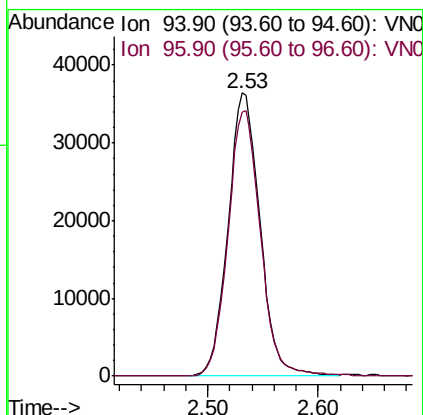
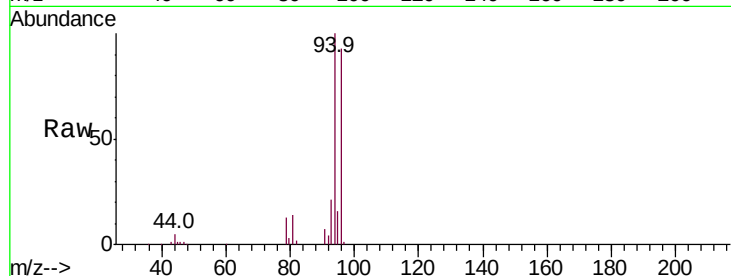
VSTDCCC050

Tot Ion: 94 Resp: 72890

Ion Ratio Lower Upper

94 100

96 93.4 75.4 113.0



#6

Chloroethane

Concen: 49.370 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN065010.D

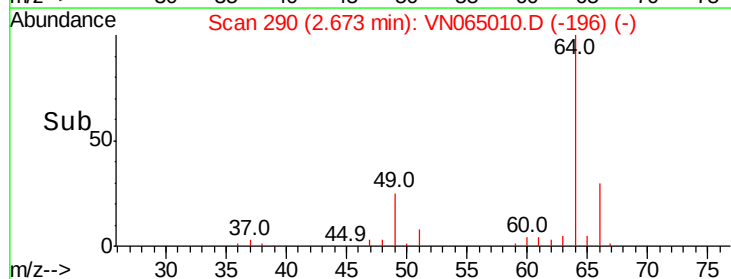
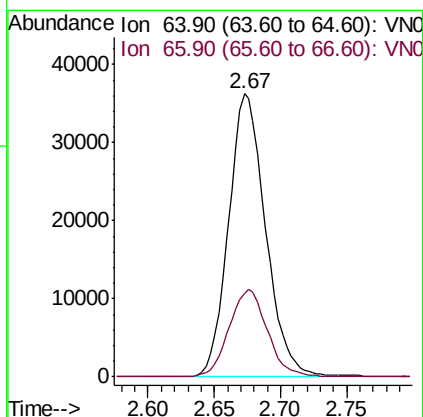
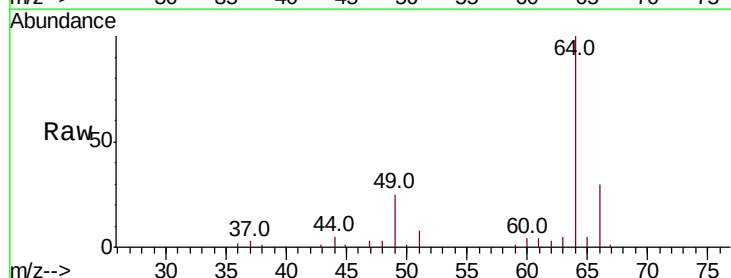
Acq: 9 Dec 2020 10:32

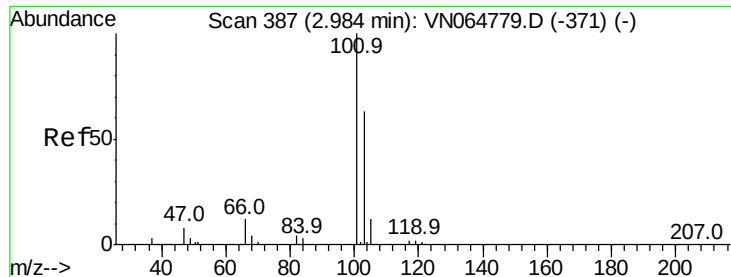
Tgt Ion: 64 Resp: 70258

Ion Ratio Lower Upper

64 100

66 29.6 25.6 38.4



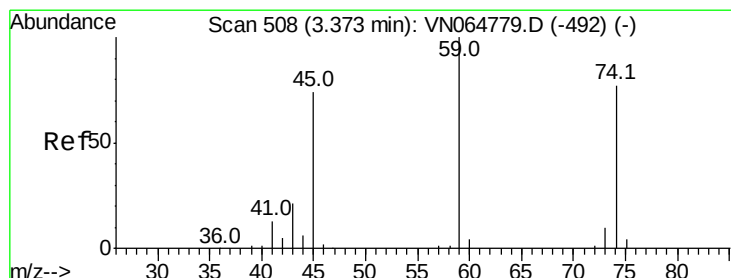
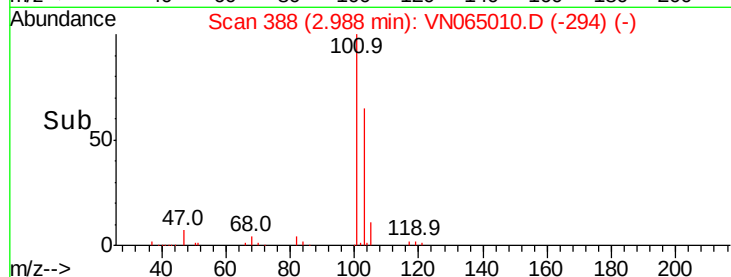
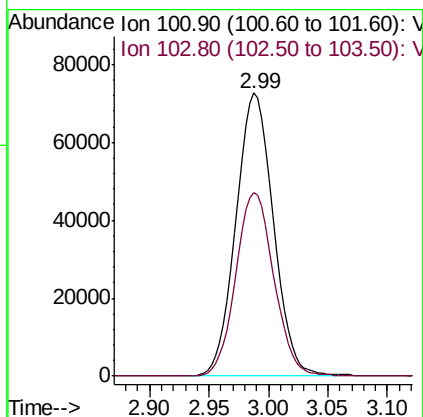
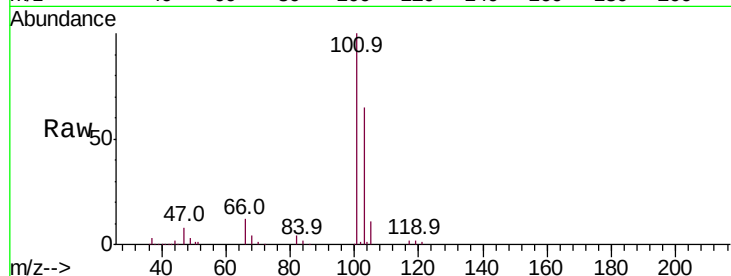


#7

Trichlorofluoromethane
Concen: 49.987 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
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VSTDCCC050

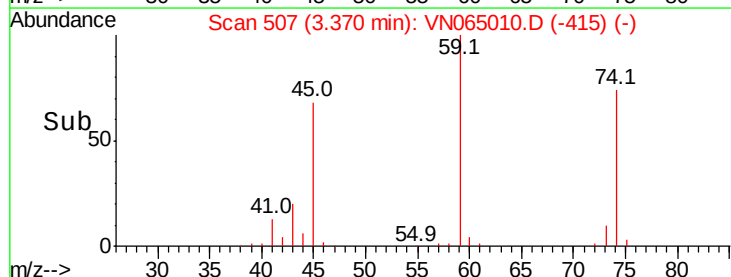
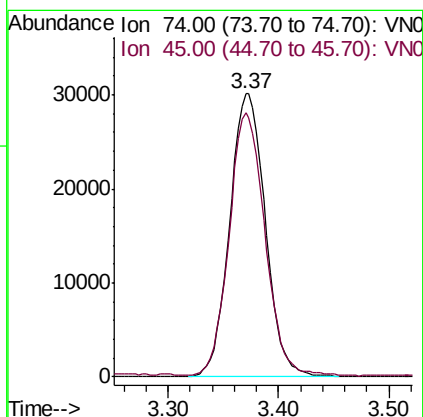
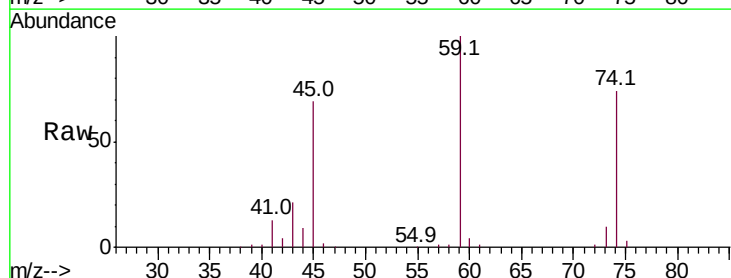
Tot Ion:101 Resp: 158985
Ion Ratio Lower Upper
101 100
103 64.8 50.5 75.7

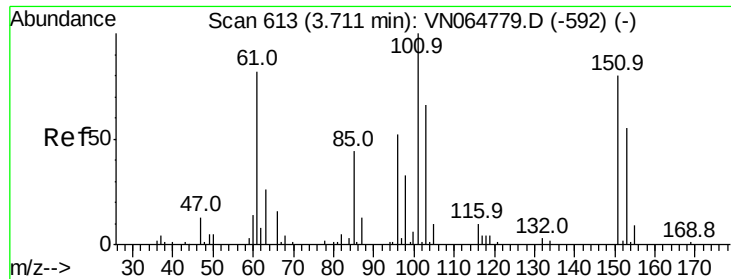


#8

Diethyl Ether
Concen: 53.738 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 74 Resp: 67464
Ion Ratio Lower Upper
74 100
45 95.3 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.252 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

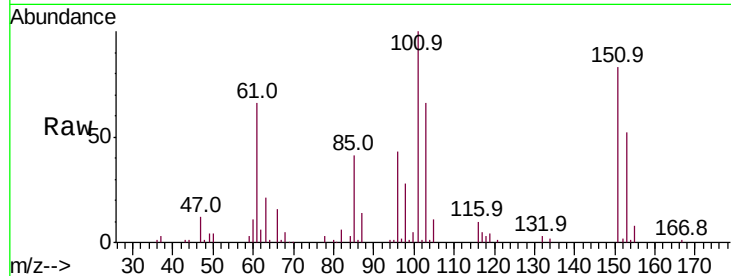
Tot Ion:101 Resp: 101603

Ion Ratio Lower Upper

101 100

85 42.2 34.4 51.6

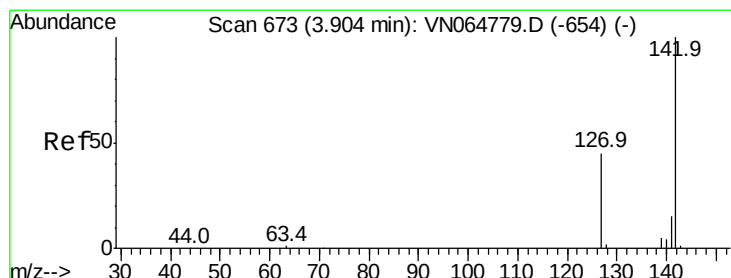
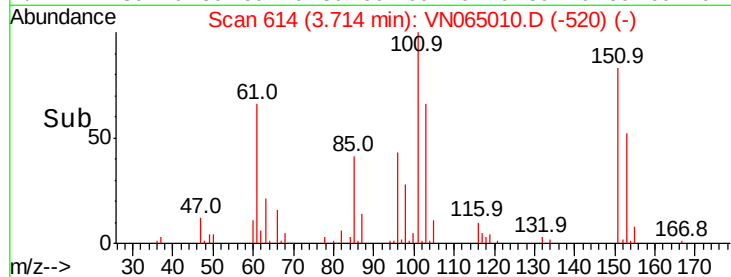
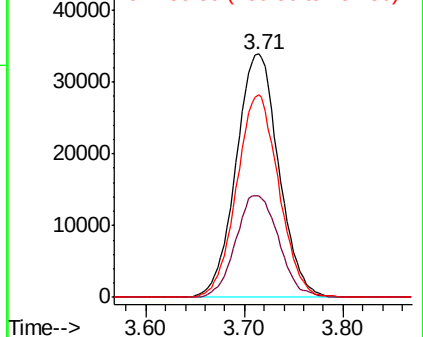
151 82.0 64.0 96.0



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: 50.859 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

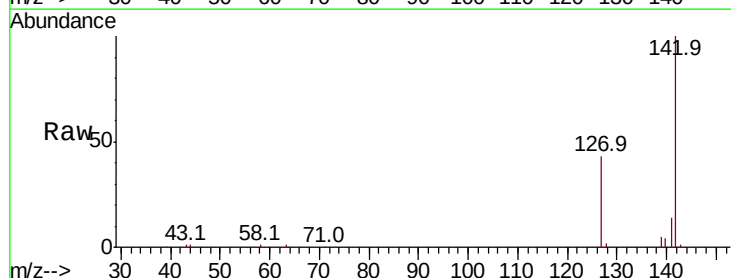
Tgt Ion:142 Resp: 125864

Ion Ratio Lower Upper

142 100

127 42.1 35.0 52.6

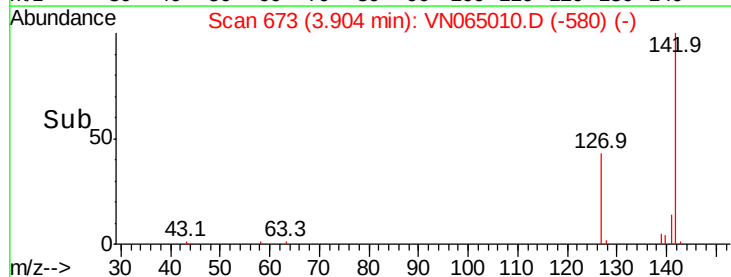
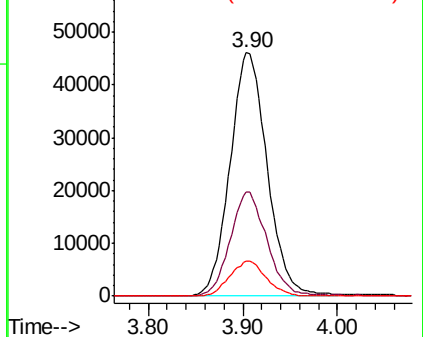
141 14.1 11.8 17.6

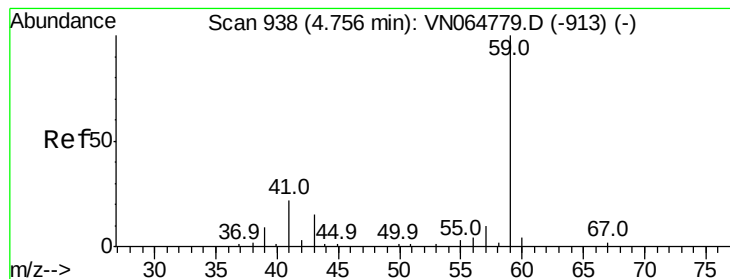


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



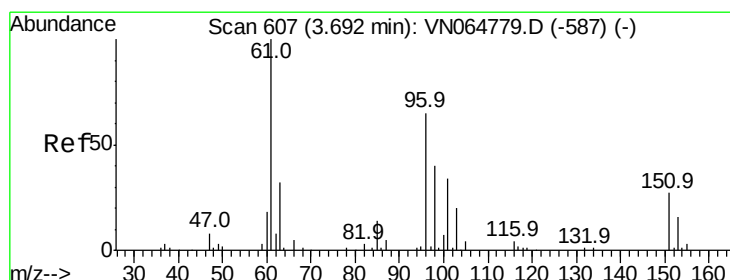
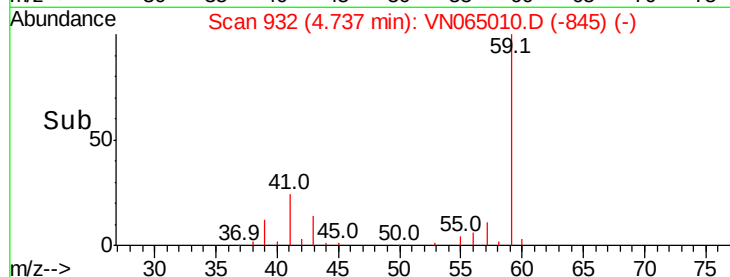
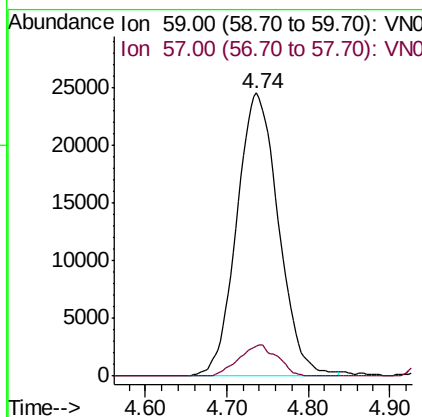
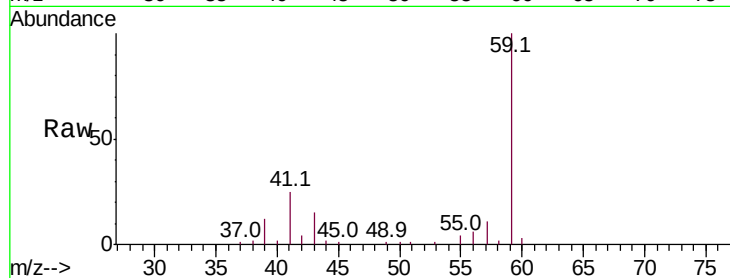


#11

Tert butyl alcohol
 Concen: 245.310 ug/l
 RT: 4.74 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

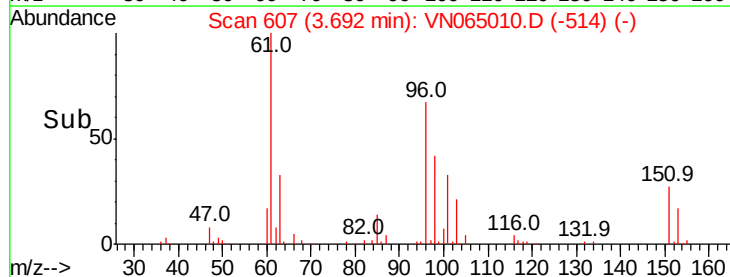
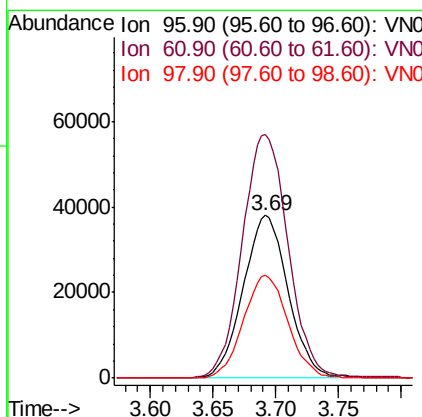
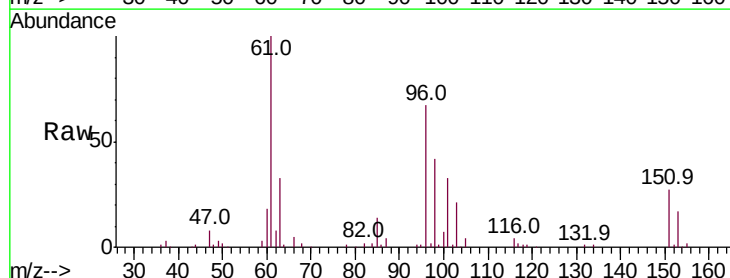
Tot Ion: 59 Resp: 87152
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.9 11.9

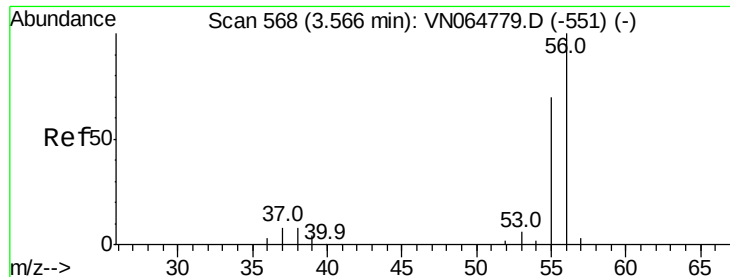


#12

1,1-Dichloroethene
 Concen: 49.780 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion: 96 Resp: 94590
 Ion Ratio Lower Upper
 96 100
 61 149.6 123.4 185.2
 98 63.3 49.8 74.8

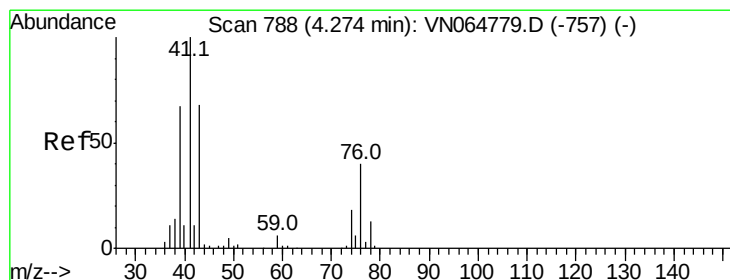
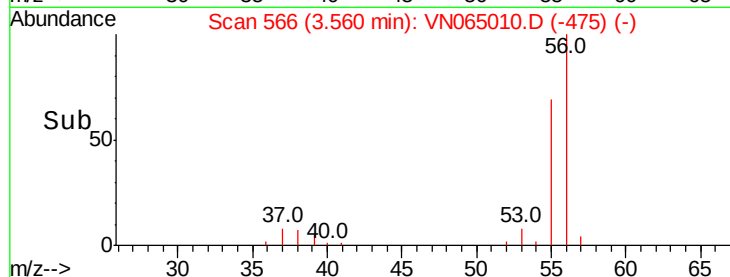
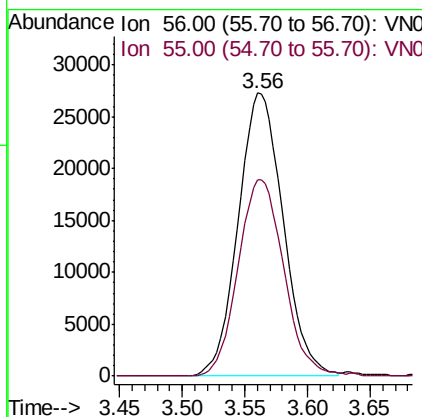
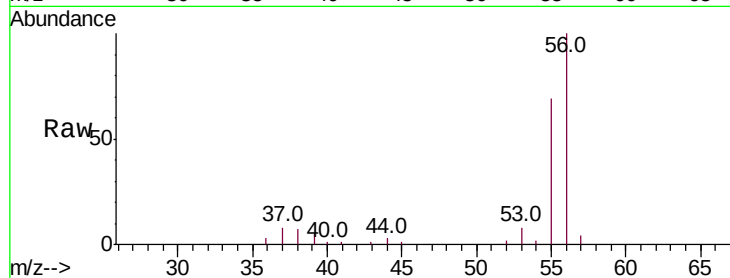




#13
 Acrolein
 Concen: 313.461 ug/l
 RT: 3.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

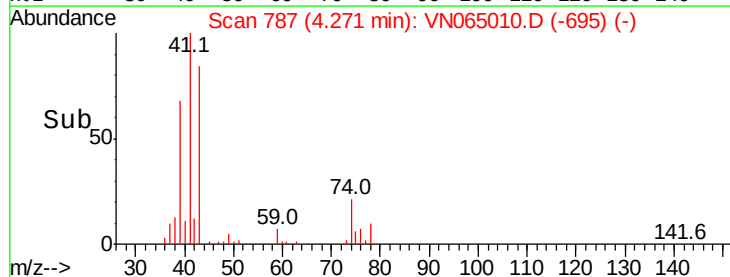
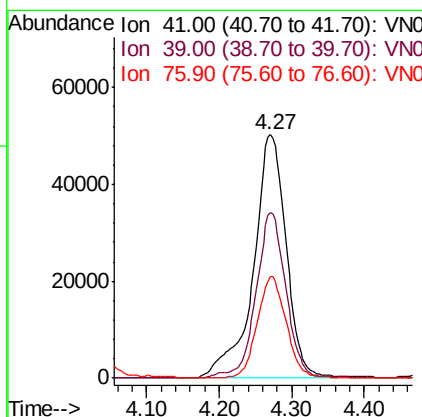
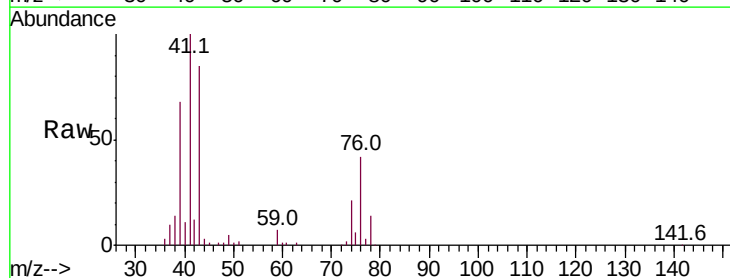
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

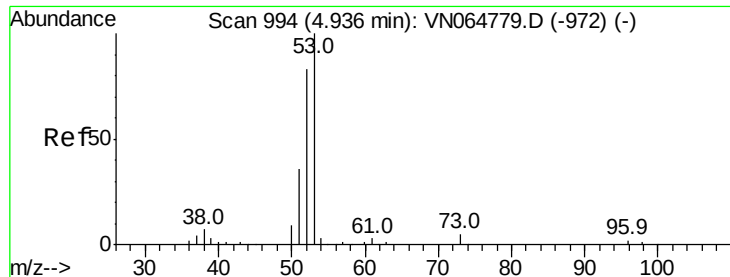
Tot Ion: 56 Resp: 68023
 Ion Ratio Lower Upper
 56 100
 55 70.1 56.5 84.7



#14
 Allyl chloride
 Concen: 50.677 ug/l
 RT: 4.27 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion: 41 Resp: 158824
 Ion Ratio Lower Upper
 41 100
 39 61.7 50.9 76.3
 76 36.7 29.0 43.4





#15

Acrylonitrile

Concen: 270.037 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

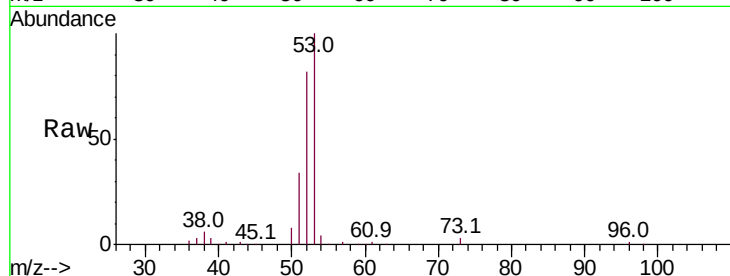
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 265028

Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.5	98.3
51	35.3	28.6	43.0

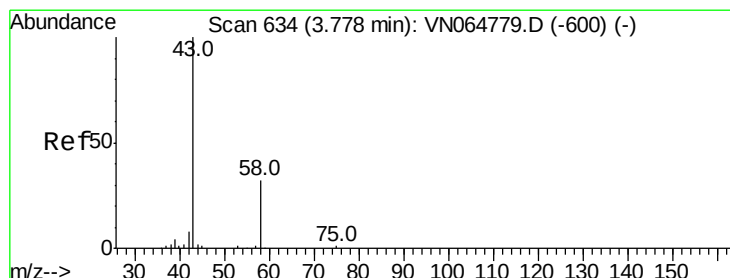
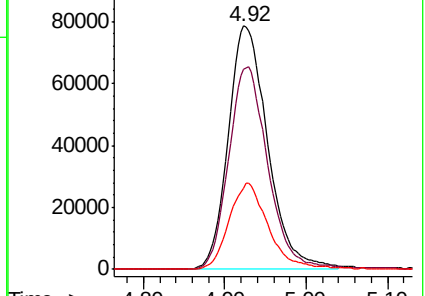
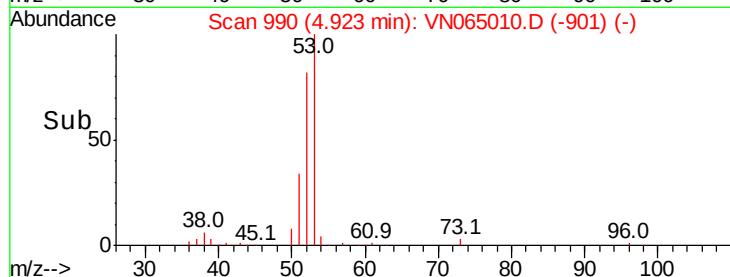


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 360.403 ug/l

RT: 3.77 min Scan# 632

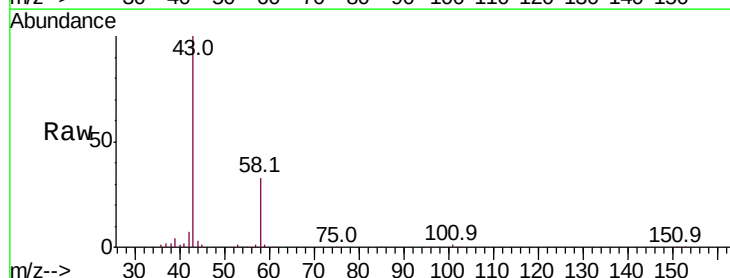
Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion: 43 Resp: 269895

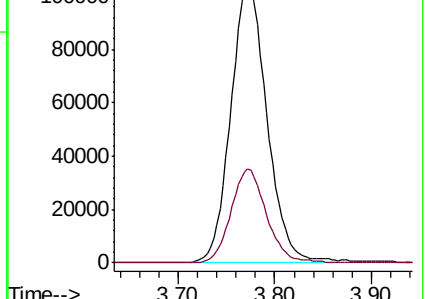
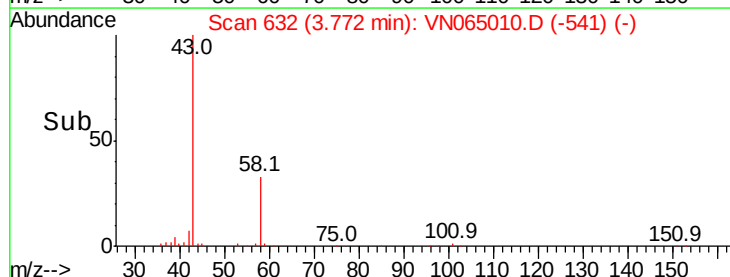
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.7	38.5

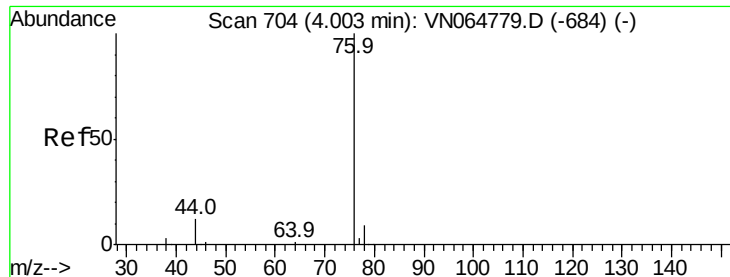


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

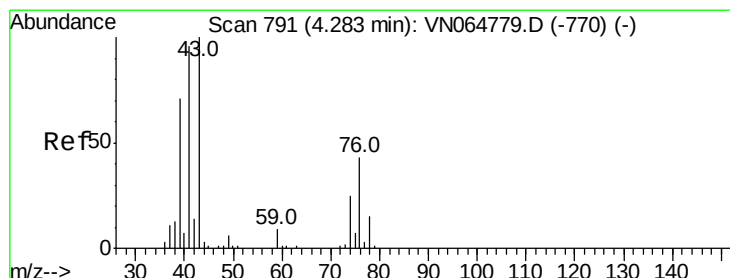
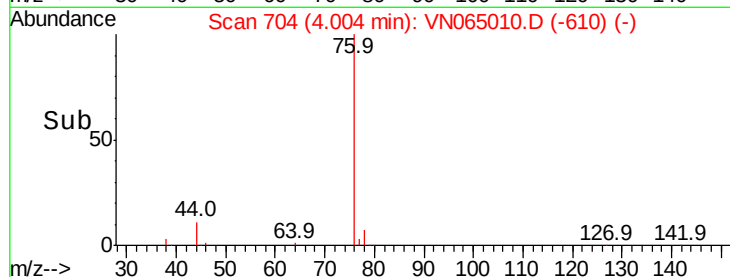
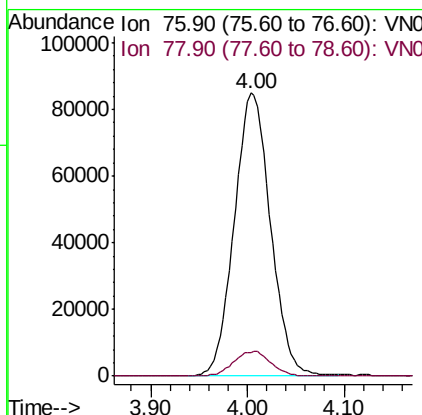
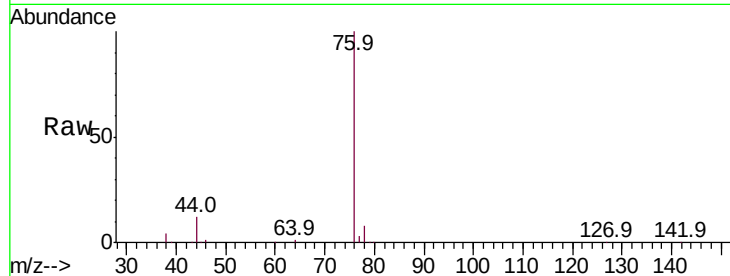




#17
Carbon Disulfide
Concen: 45.129 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

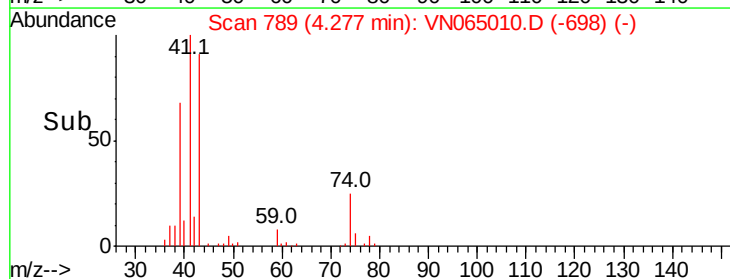
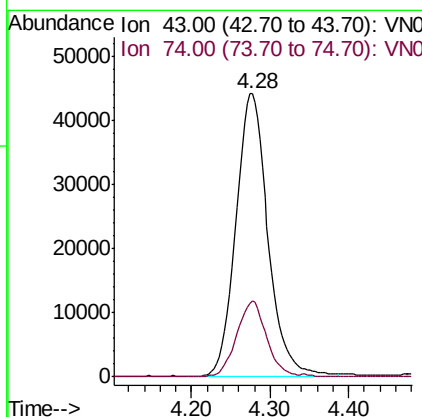
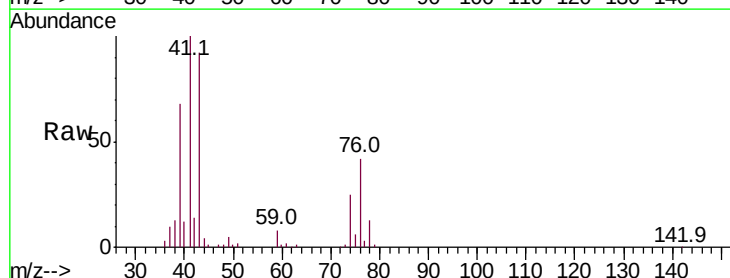
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

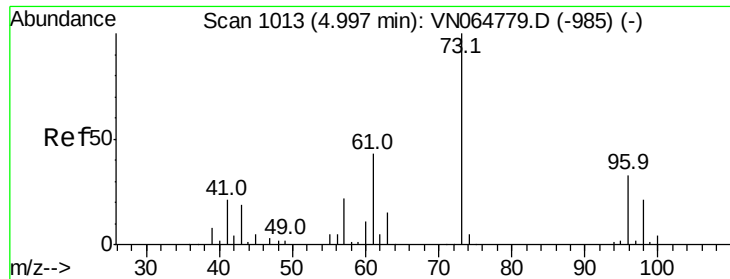
Tot Ion: 76 Resp: 221408
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 56.194 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 43 Resp: 126523
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2

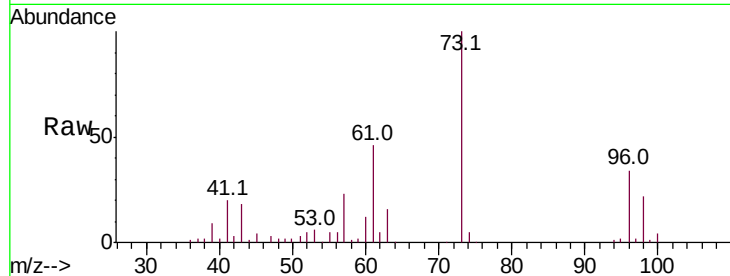




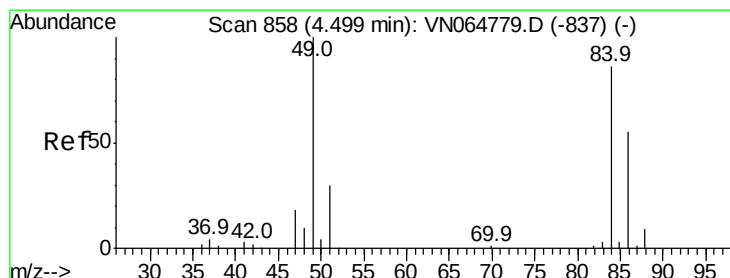
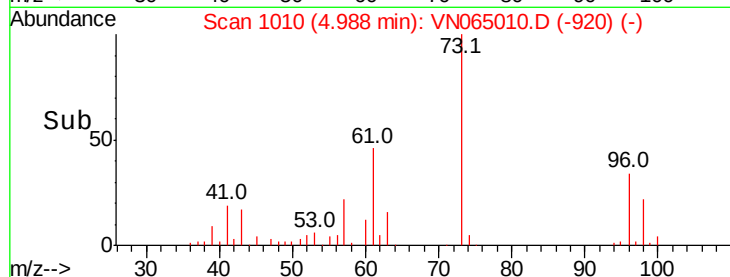
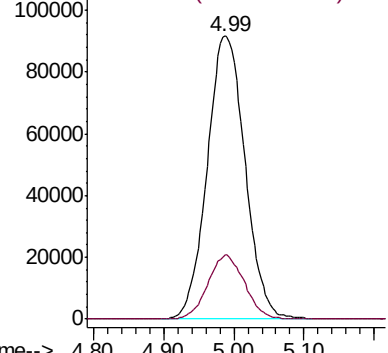
#19
Methyl tert-butyl Ether
Concen: 56.270 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 342925
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0

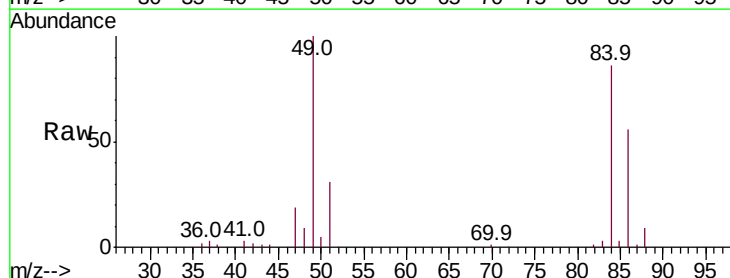


Abundance Ion 73.00 (72.70 to 73.70): VN064779.D (-985) (-)
Ion 57.00 (56.70 to 57.70): VN064779.D (-985) (-)

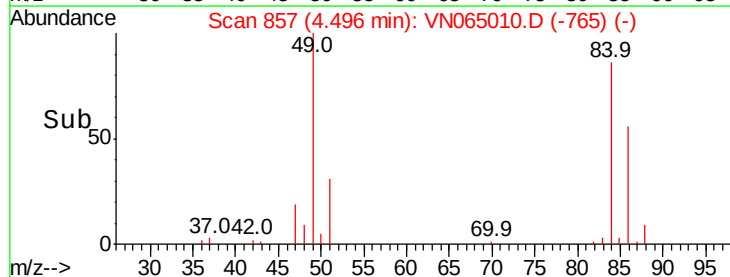
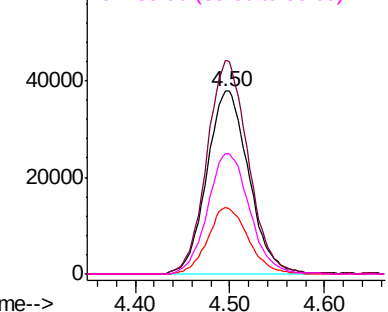


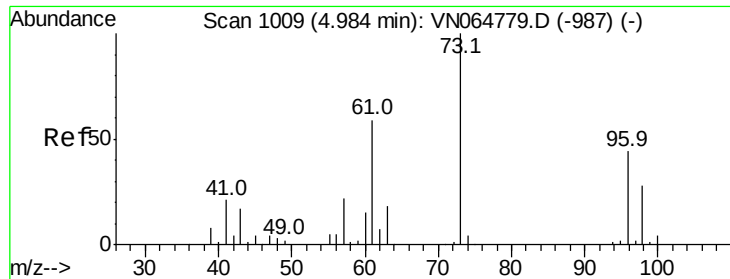
#20
Methylene Chloride
Concen: 49.814 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 84 Resp: 116895
Ion Ratio Lower Upper
84 100
49 116.7 93.4 140.0
51 36.1 28.2 42.4
86 65.9 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN064779.D (-837) (-)
Ion 48.90 (48.60 to 49.60): VN064779.D (-837) (-)
Ion 50.90 (50.60 to 51.60): VN064779.D (-837) (-)
Ion 85.90 (85.60 to 86.60): VN064779.D (-837) (-)

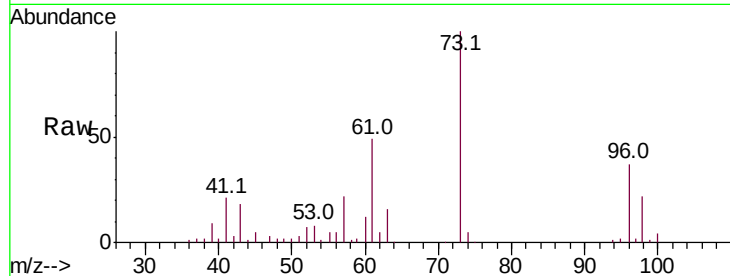




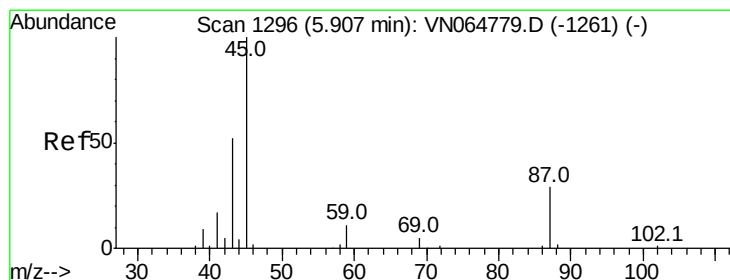
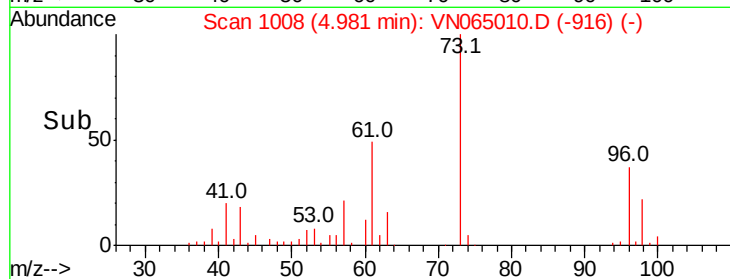
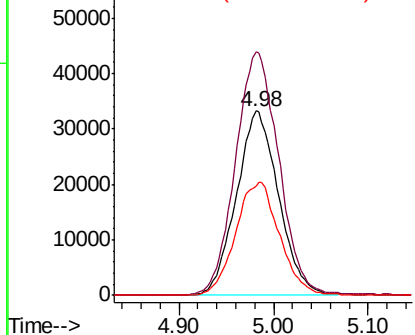
#21
trans-1,2-Dichloroethene
Concen: 48.918 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 103223
Ion Ratio Lower Upper
96 100
61 132.0 108.4 162.6
98 59.4 51.3 76.9

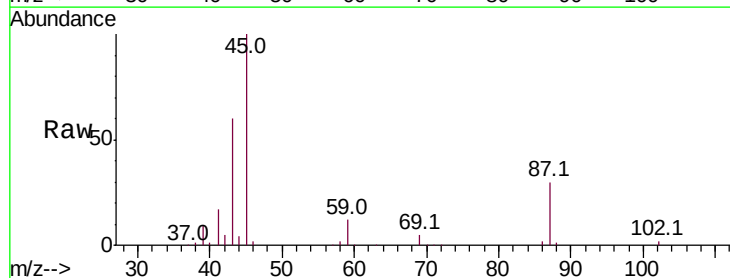


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

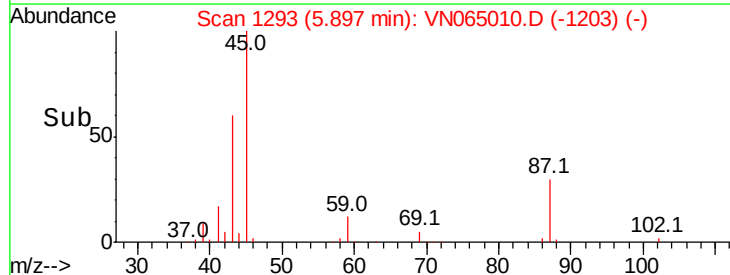
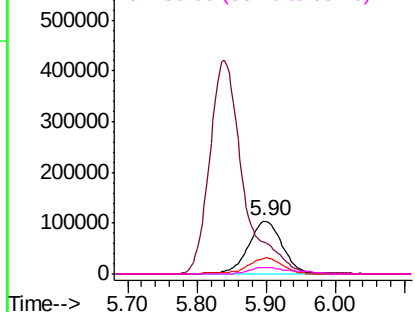


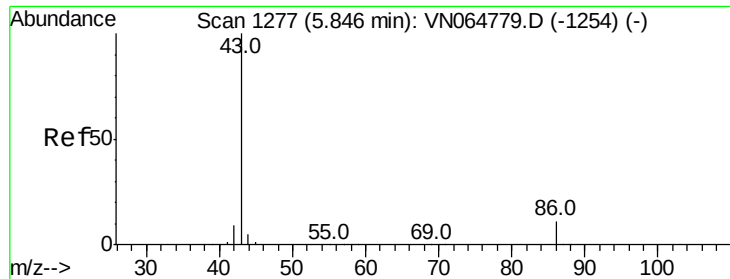
#22
Diisopropyl ether
Concen: 56.470 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 45 Resp: 354235
Ion Ratio Lower Upper
45 100
43 58.0 46.2 69.2
87 30.2 24.1 36.1
59 11.9 9.0 13.4



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

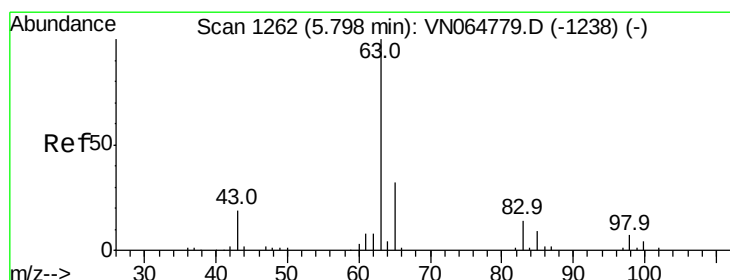
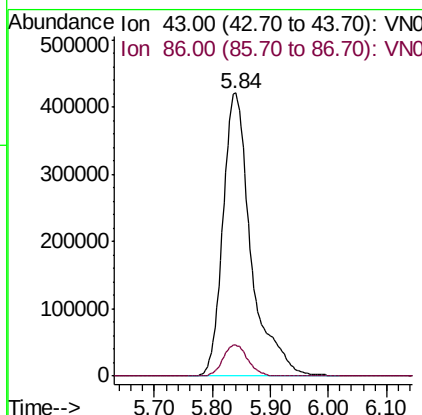
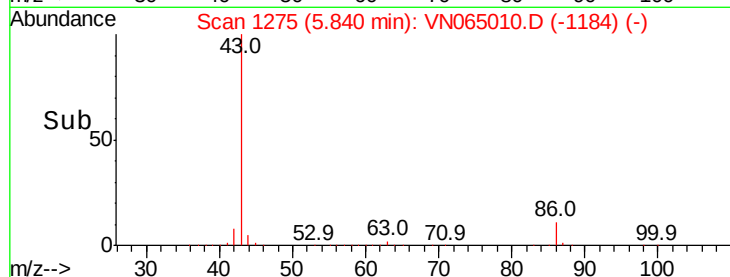
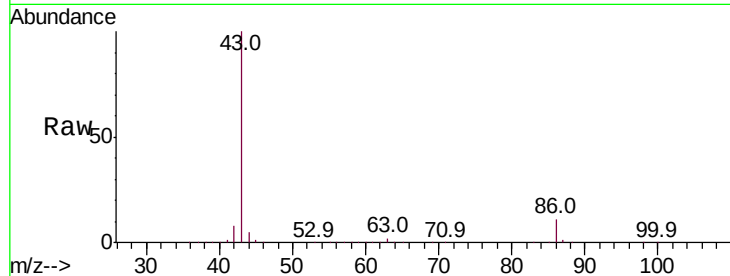




#23
 Vinyl Acetate
 Concen: 282.404 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

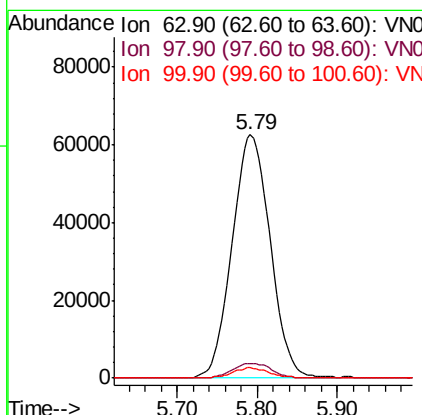
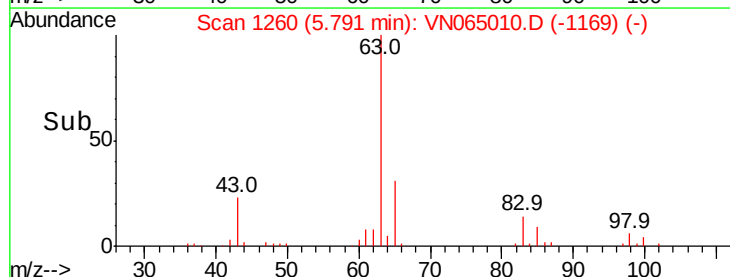
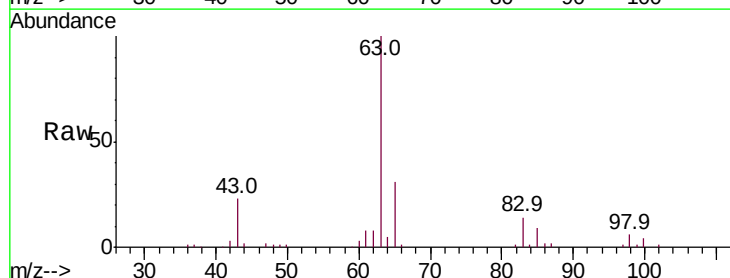
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

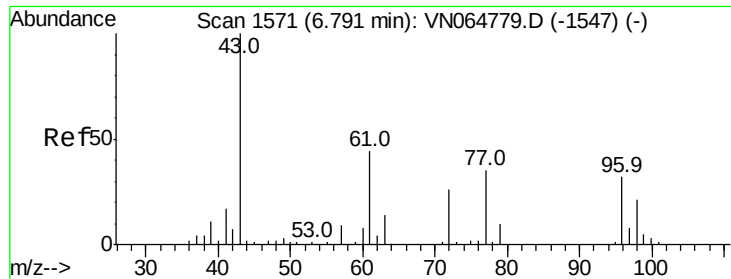
Tot Ion: 43 Resp: 1416633
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 53.973 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion: 63 Resp: 202341
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.5
 100 4.3 2.3 6.8

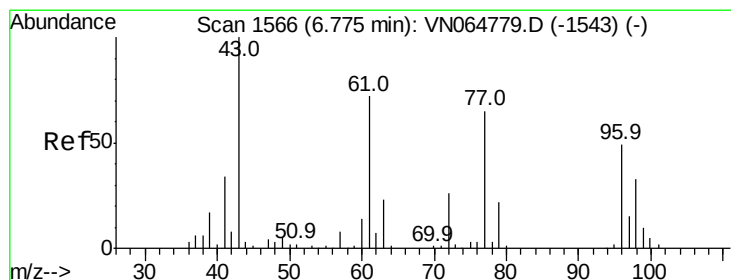
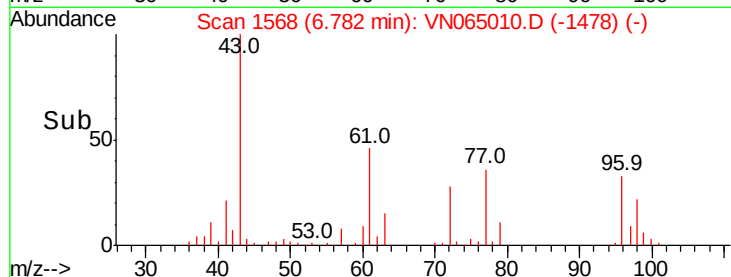
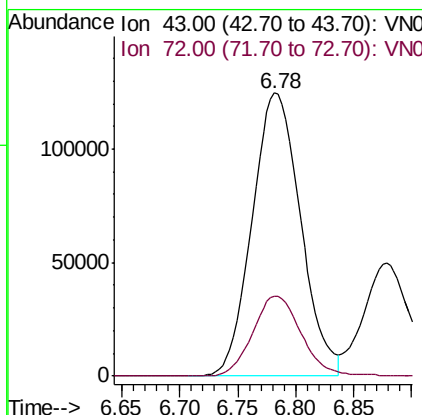
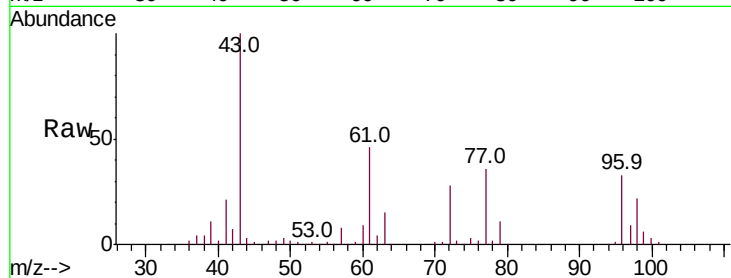




#25
2-Butanone
Concen: 299.117 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

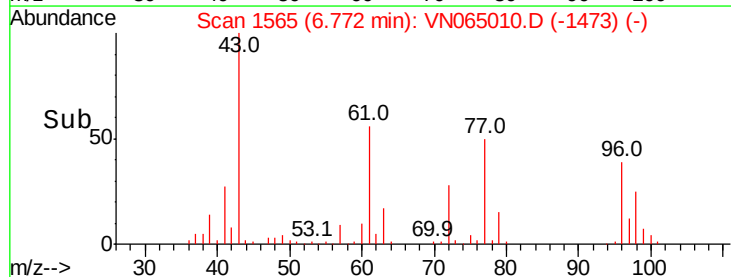
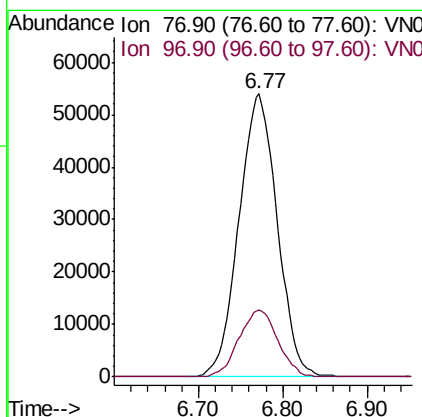
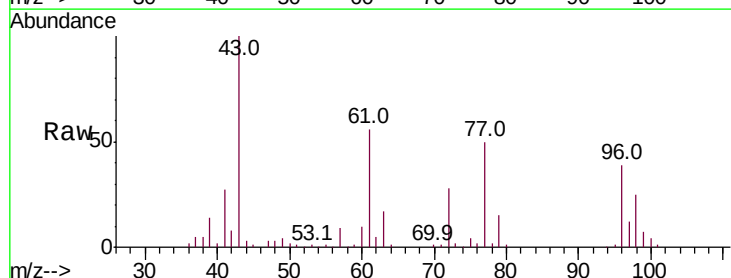
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

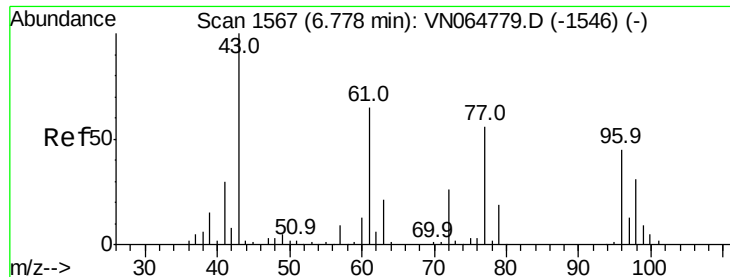
Tot Ion: 43 Resp: 363115
Ion Ratio Lower Upper
43 100
72 28.4 21.0 31.6



#26
2,2-Dichloropropane
Concen: 52.343 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 77 Resp: 170191
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.396 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

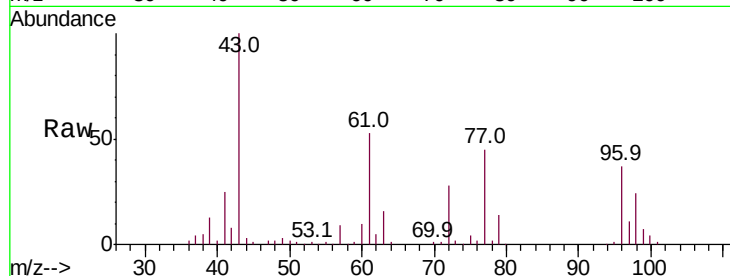
Tot Ion: 96 Resp: 126784

Ion Ratio Lower Upper

96 100

61 140.9 0.0 285.8

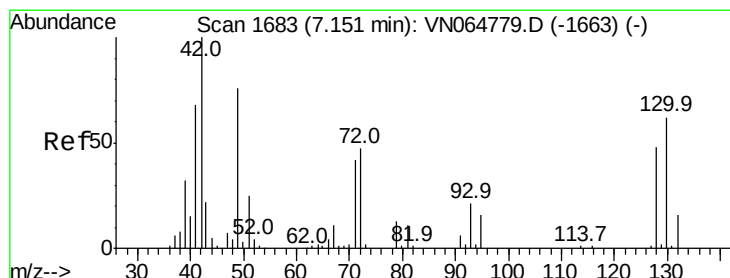
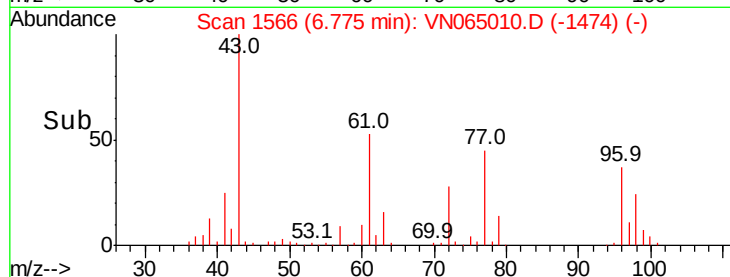
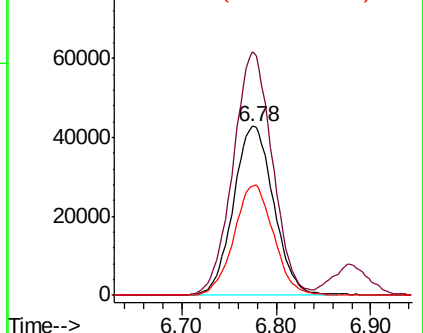
98 64.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 49.705 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

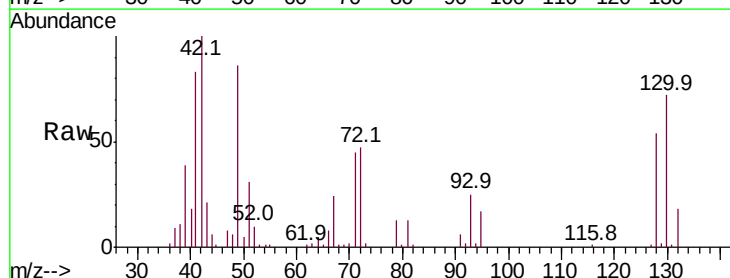
Tgt Ion: 49 Resp: 85246

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

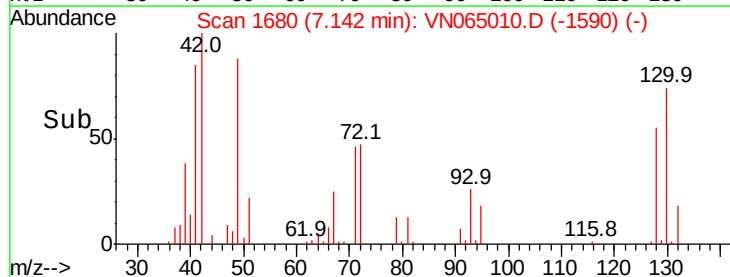
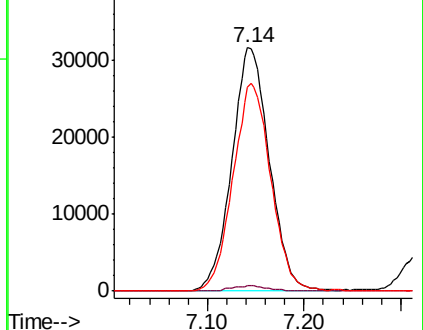
130 85.8 66.2 99.2

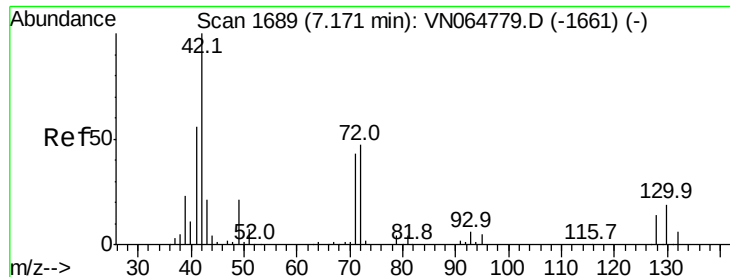


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)





#29

Tetrahydrofuran

Concen: 261.486 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

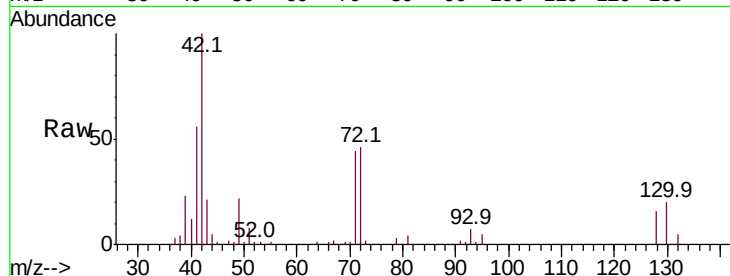
Tot Ion: 42 Resp: 219121

Ion Ratio Lower Upper

42 100

72 46.1 36.6 54.8

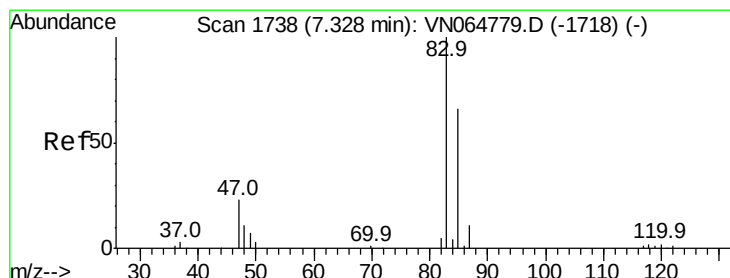
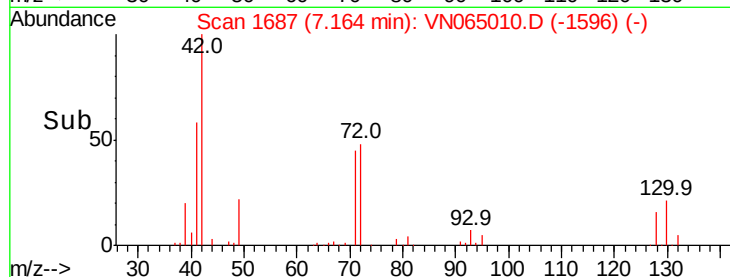
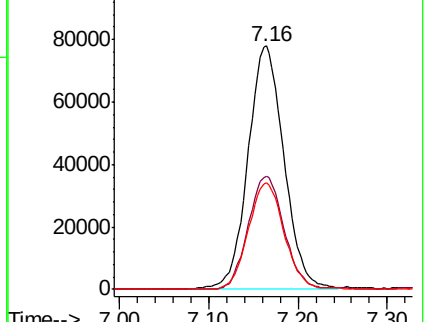
71 43.2 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN064779.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN064779.D (-1661) (-)



#30

Chloroform

Concen: 54.152 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN065010.D

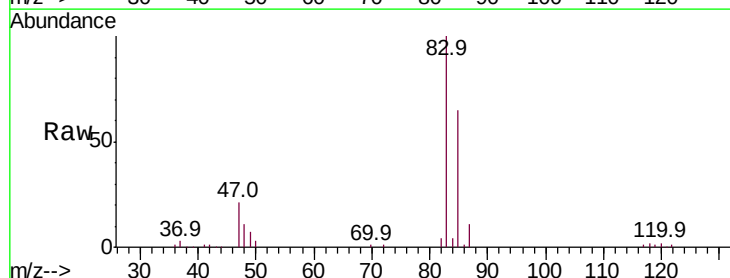
Acq: 9 Dec 2020 10:32

Tgt Ion: 83 Resp: 209356

Ion Ratio Lower Upper

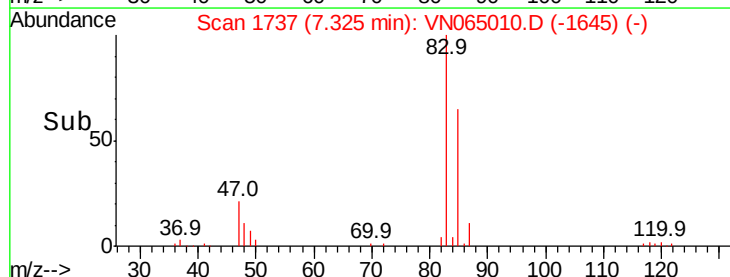
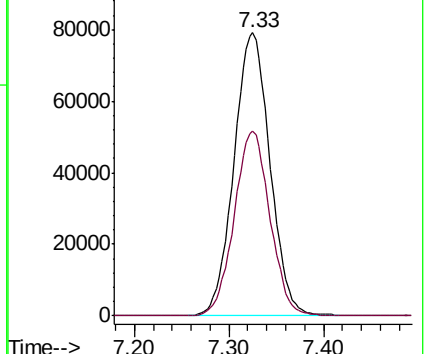
83 100

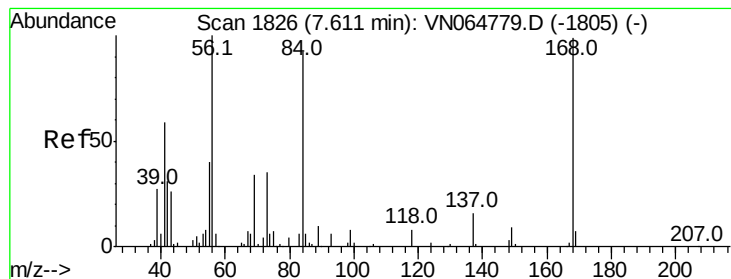
85 65.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-1718) (-)





#31

Cyclohexane

Concen: 48.018 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

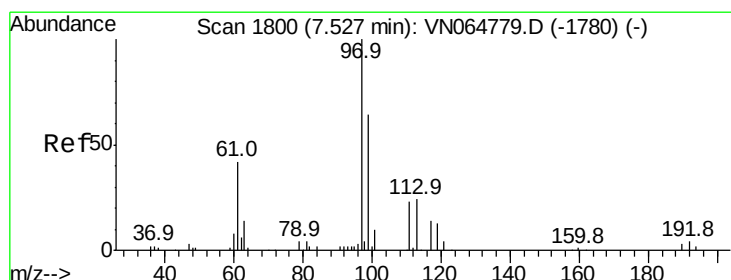
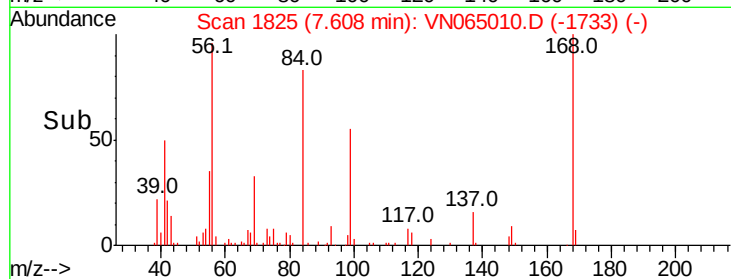
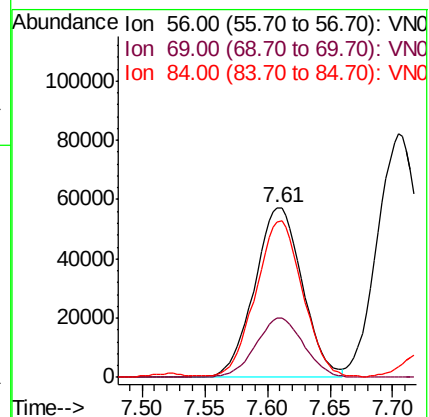
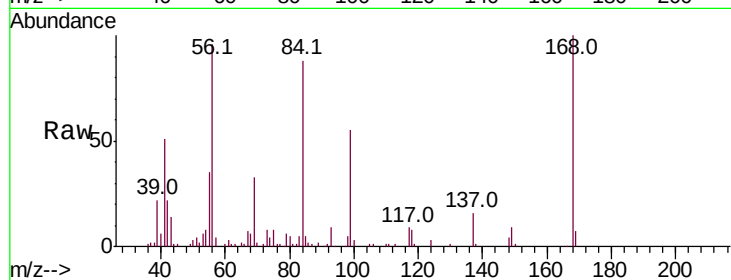
Tot Ion: 56 Resp: 152461

Ion Ratio Lower Upper

56 100

69 35.0 27.5 41.3

84 90.4 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 52.697 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

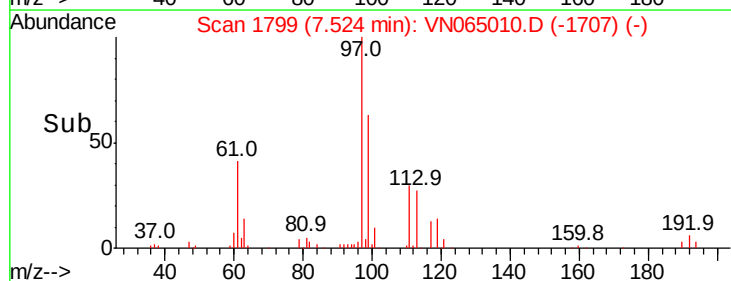
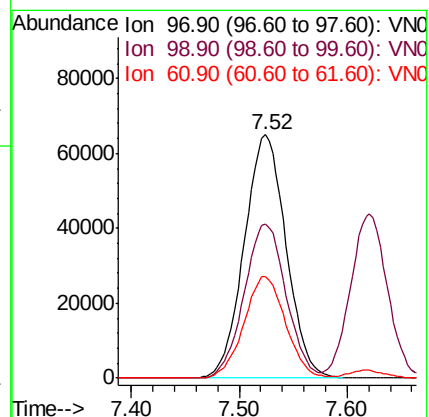
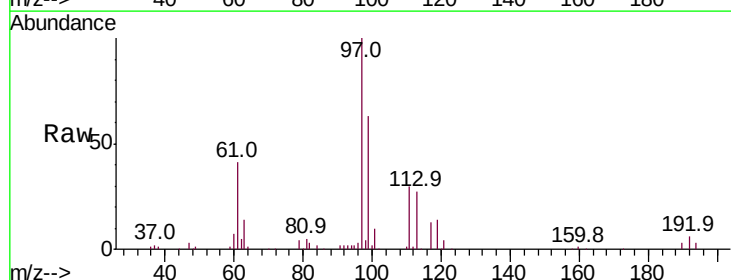
Tgt Ion: 97 Resp: 174977

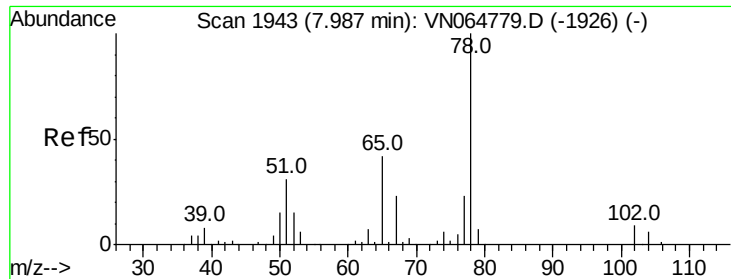
Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

61 41.5 33.9 50.9

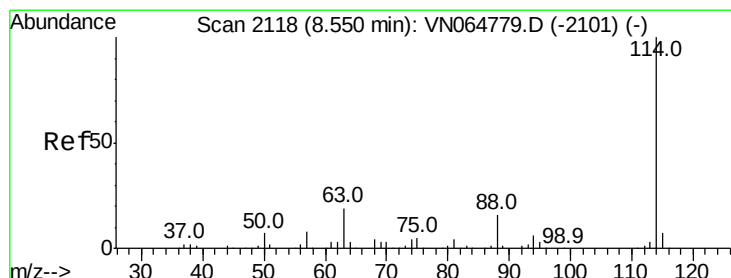
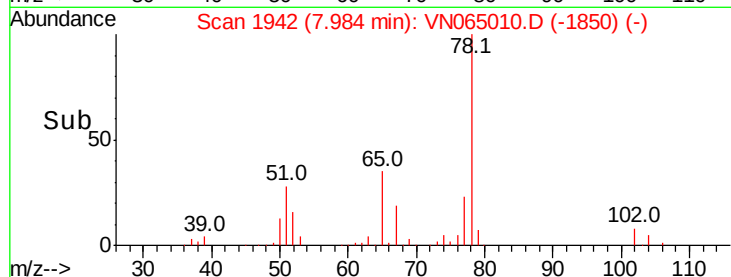
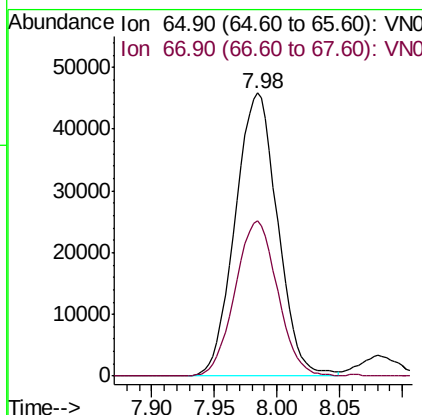
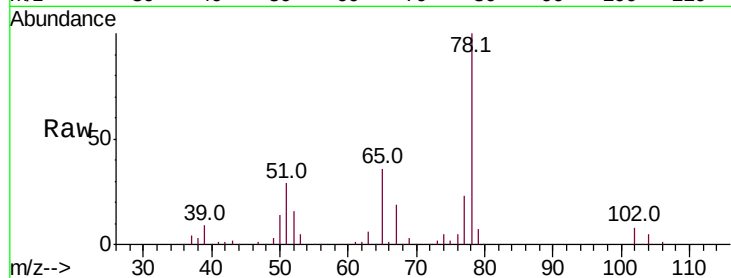




#33
 1,2-Dichloroethane-d4
 Concen: 47.512 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

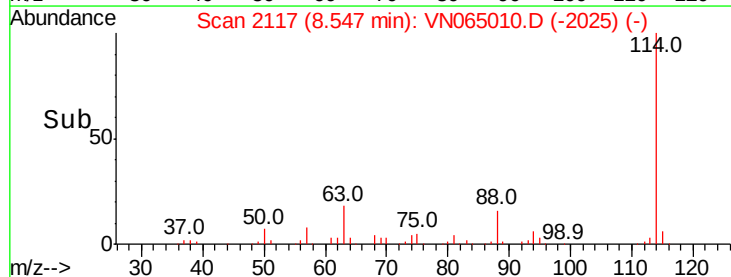
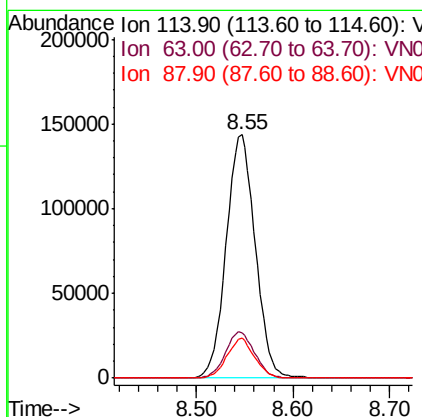
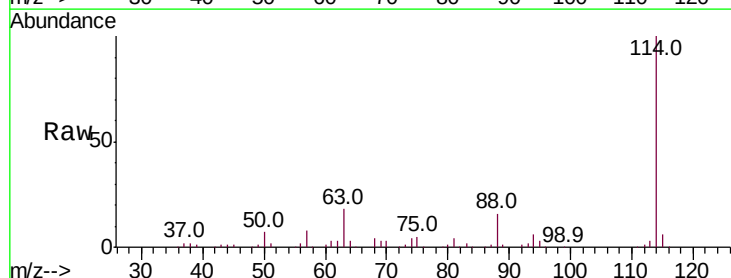
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

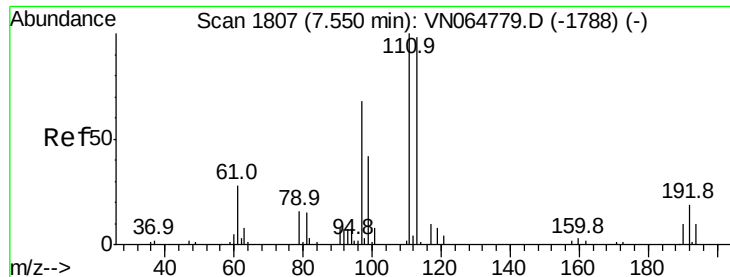
Tot Ion: 65 Resp: 108237
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion: 114 Resp: 299661
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 16.4 0.0 32.6

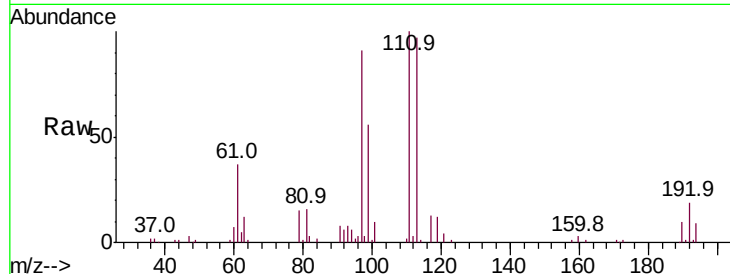




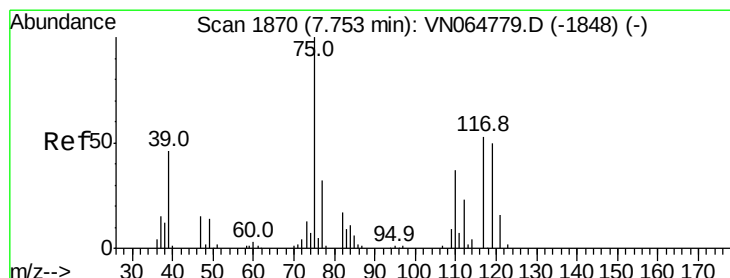
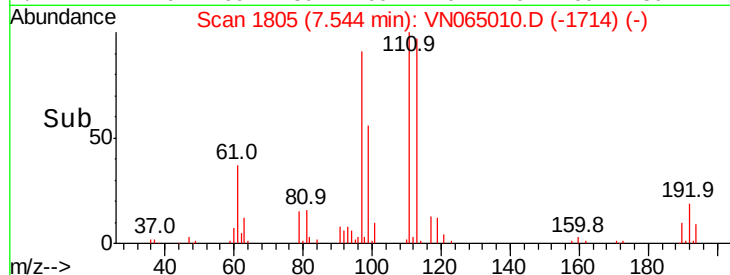
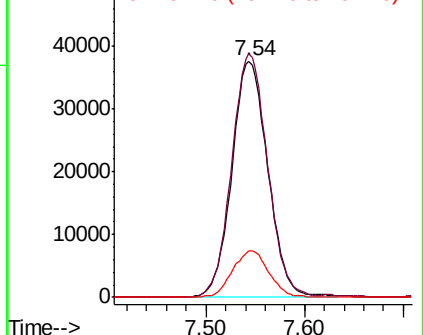
#35
 Dibromofluoromethane
 Concen: 53.387 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 95727
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 19.8 16.2 24.2

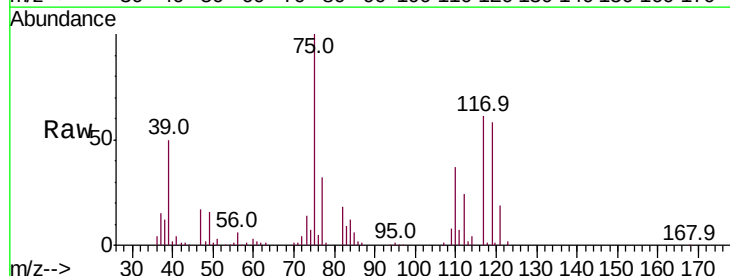


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

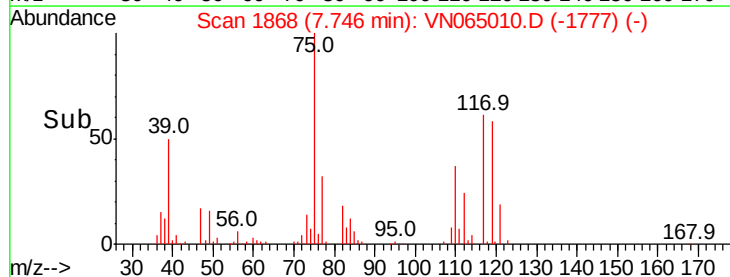
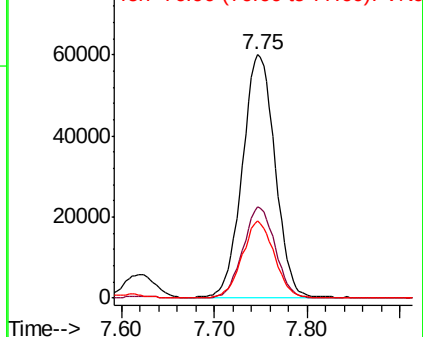


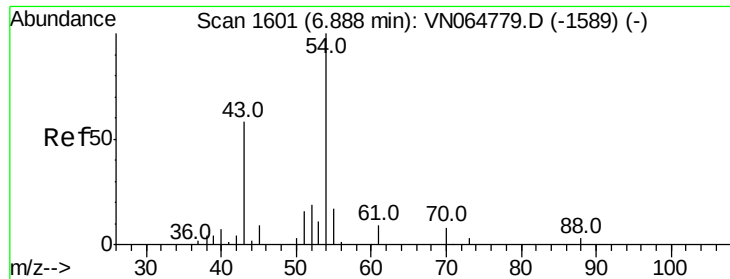
#36
 1,1-Dichloropropene
 Concen: 53.068 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion: 75 Resp: 147400
 Ion Ratio Lower Upper
 75 100
 110 36.5 17.8 53.3
 77 31.1 25.0 37.4



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

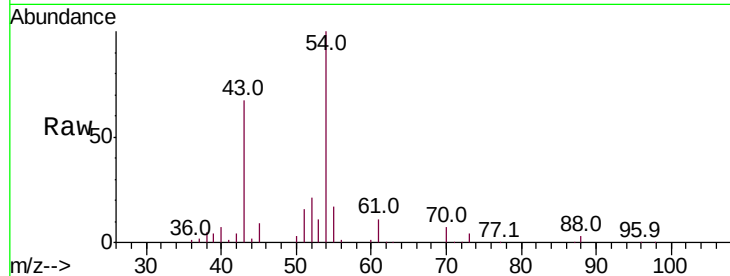




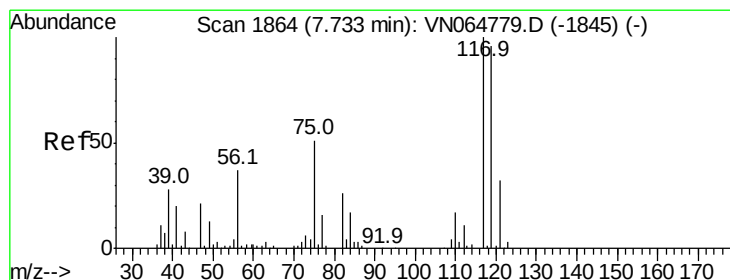
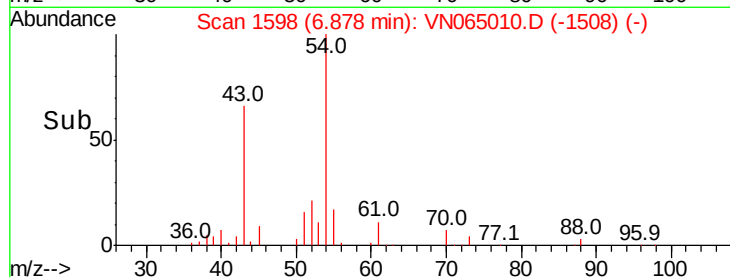
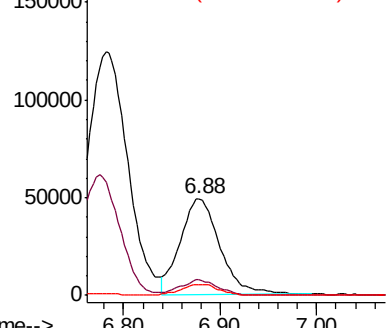
#37
Ethyl Acetate
Concen: 52.163 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 139564
Ion Ratio Lower Upper
43 100
61 15.6 12.8 19.2
70 11.1 8.8 13.2

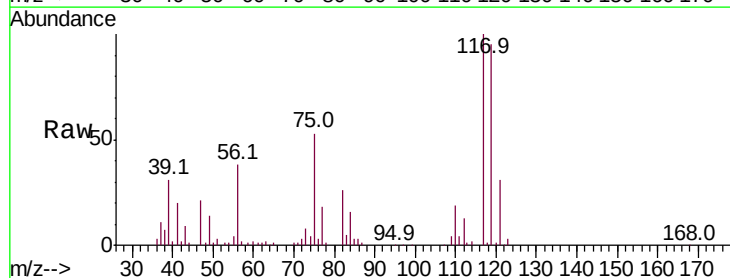


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

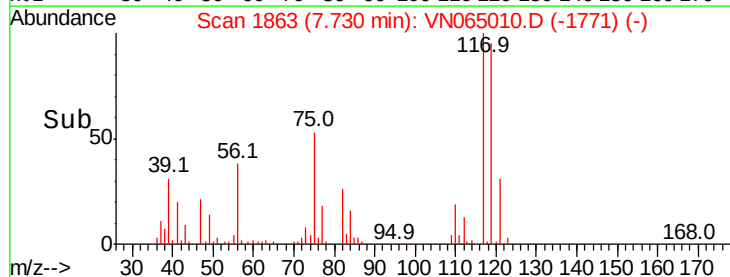
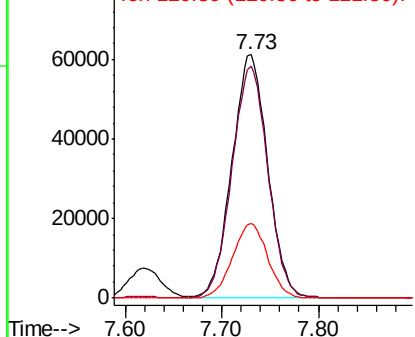


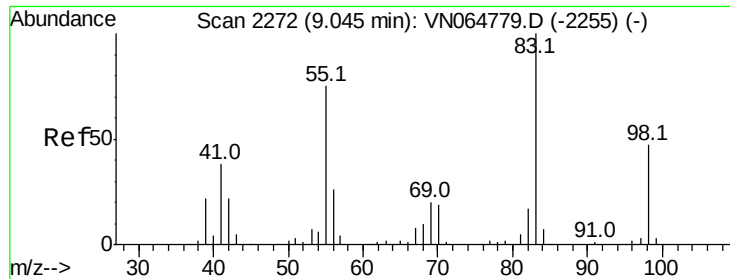
#38
Carbon Tetrachloride
Concen: 54.557 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 117 Resp: 157672
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1
121 30.9 25.4 38.2



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

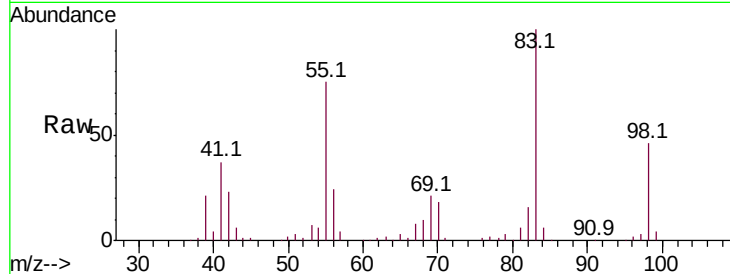




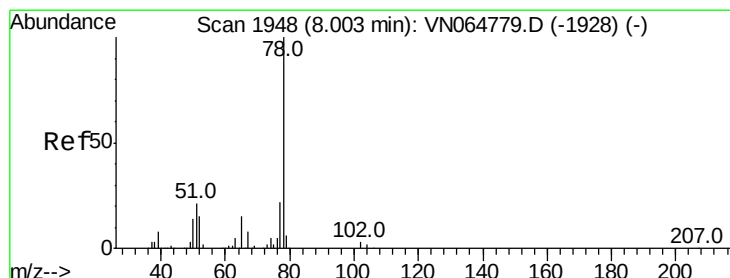
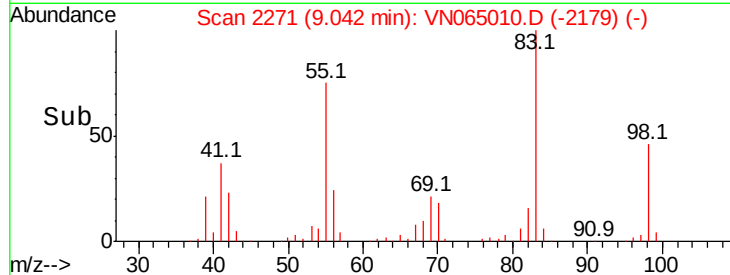
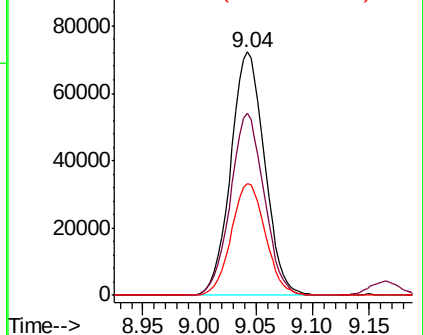
#39
Methylvlcyclohexane
Concen: 50.403 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 150707
Ion Ratio Lower Upper
83 100
55 74.8 60.2 90.2
98 46.0 37.4 56.2

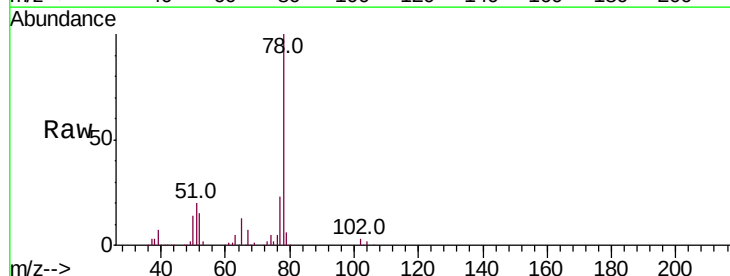


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

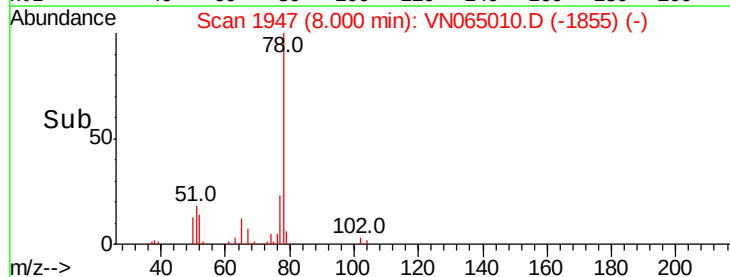
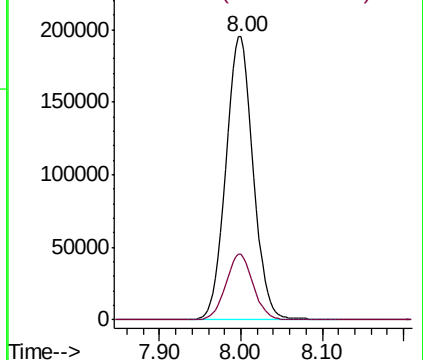


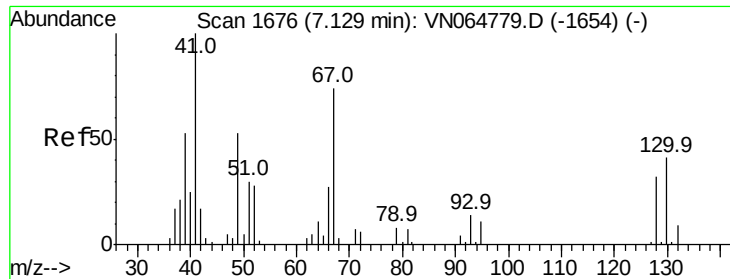
#40
Benzene
Concen: 54.007 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 78 Resp: 459680
Ion Ratio Lower Upper
78 100
77 23.1 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

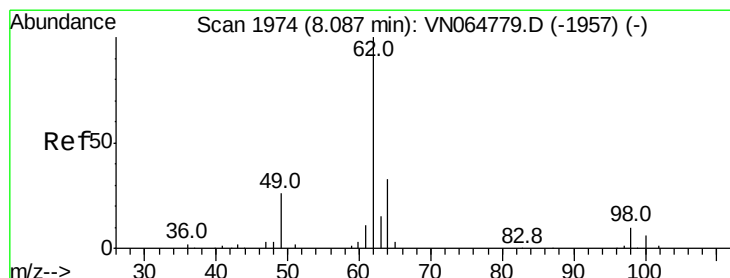
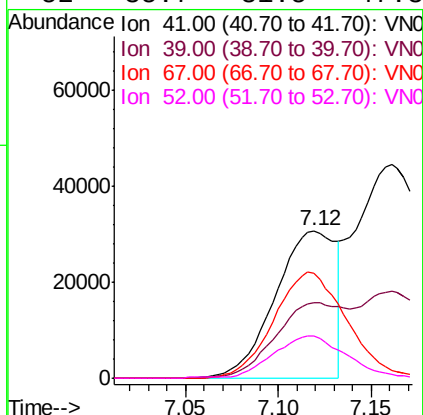
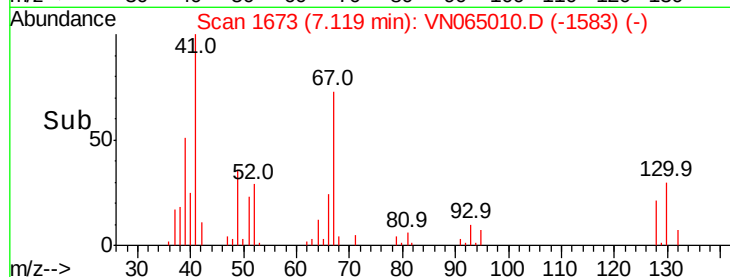
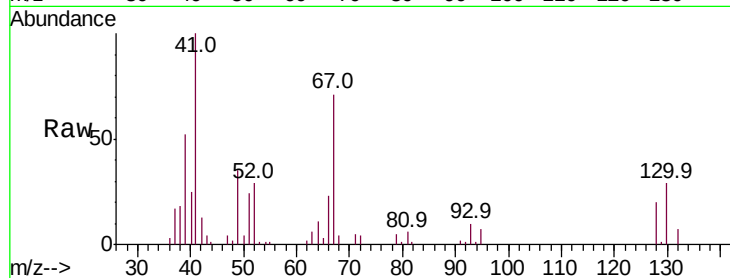




#41
Methacrylonitrile
Concen: 56.566 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

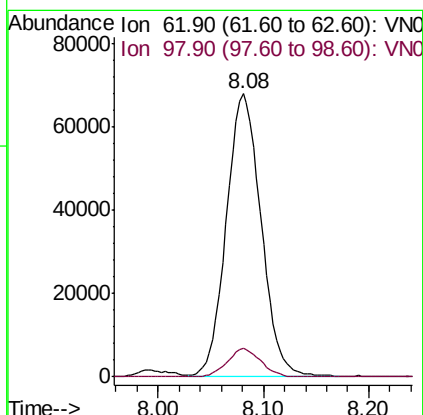
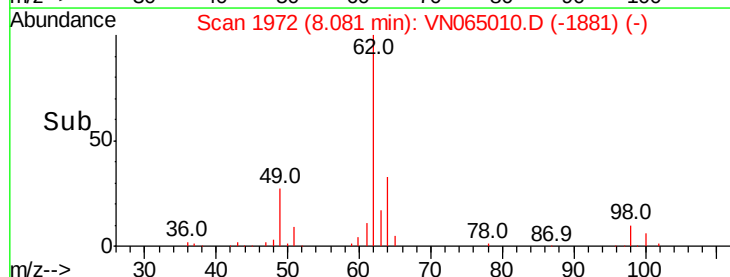
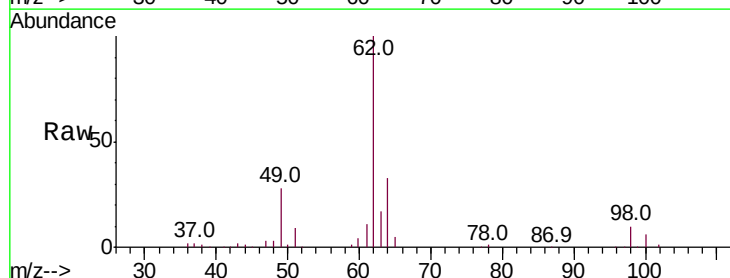
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

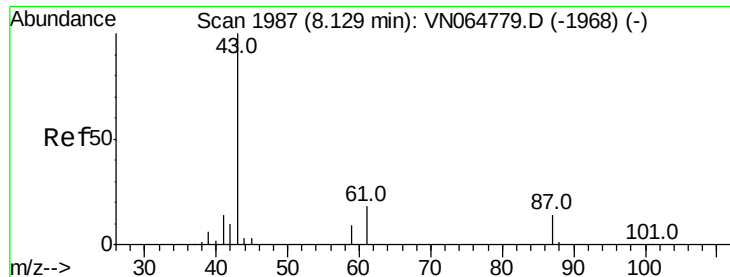
Tot Ion: 41 Resp: 69833
Ion Ratio Lower Upper
41 100
39 59.4 51.0 76.6
67 86.6 79.8 119.8
52 35.7 31.5 47.3



#42
1,2-Dichloroethane
Concen: 53.737 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 62 Resp: 154293
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43

Isopropyl Acetate

Concen: 54.859 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

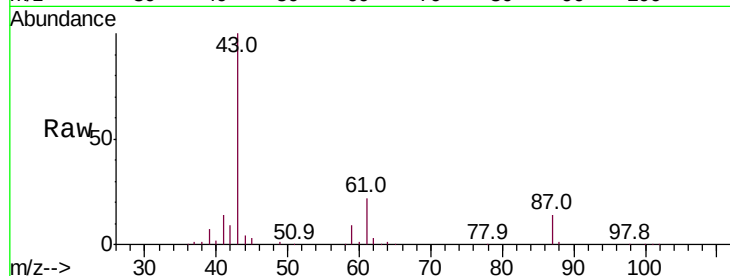
Tot Ion: 43 Resp: 236181

Ion Ratio Lower Upper

43 100

61 28.0 17.2 25.8#

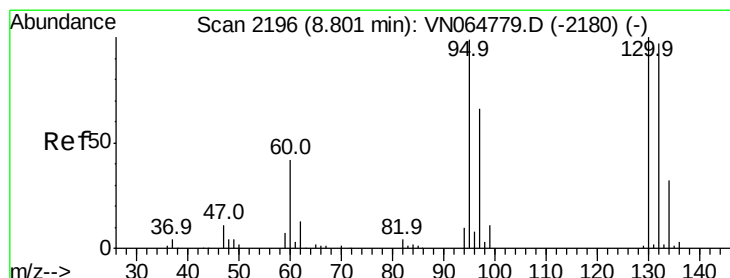
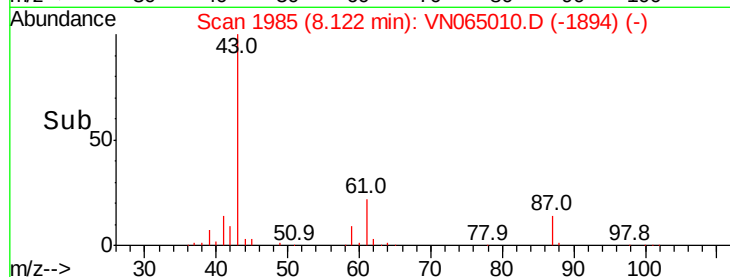
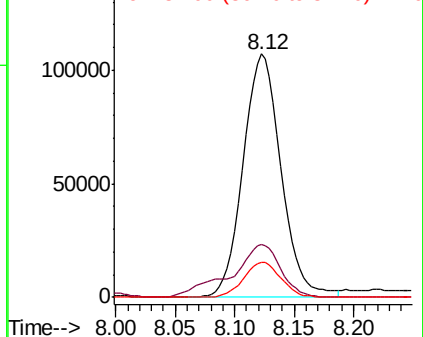
87 14.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 50.614 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN065010.D

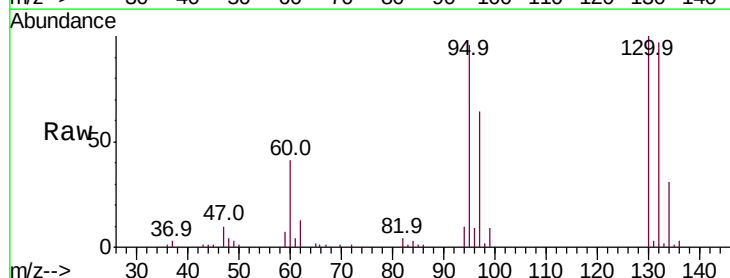
Acq: 9 Dec 2020 10:32

Tgt Ion:130 Resp: 127108

Ion Ratio Lower Upper

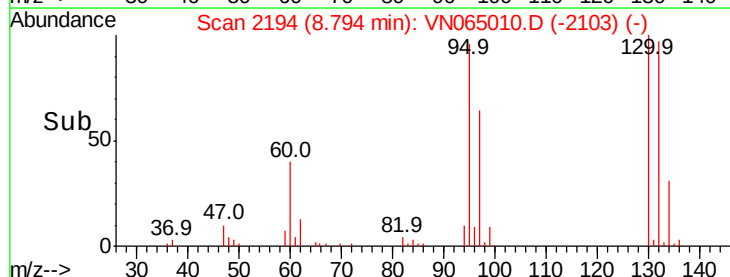
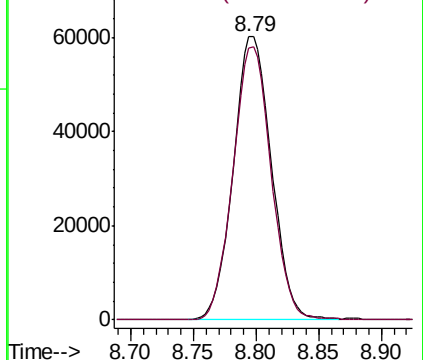
130 100

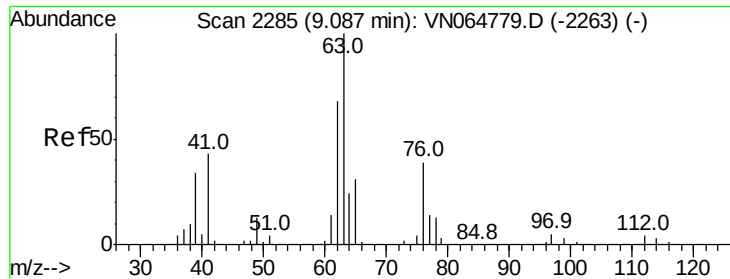
95 96.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 57.140 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

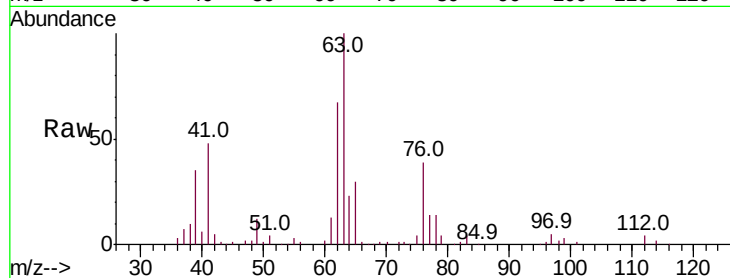
VSTDCCC050

Tot Ion: 63 Resp: 125947

Ion Ratio Lower Upper

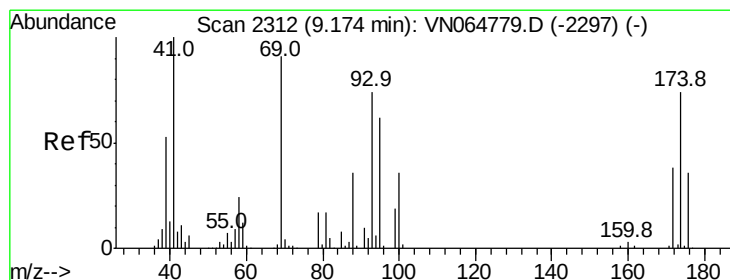
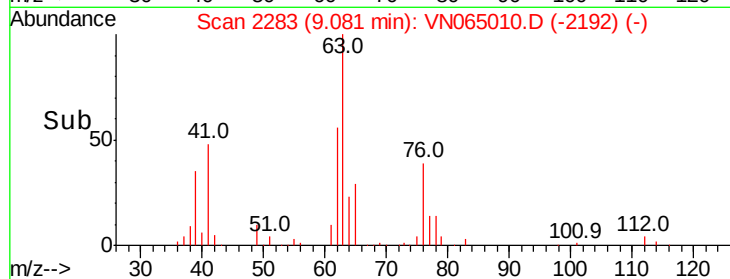
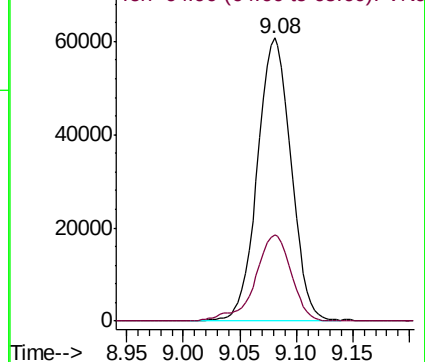
63 100

65 30.3 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 56.517 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

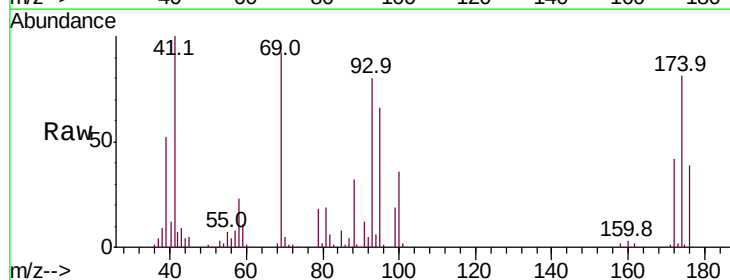
Tgt Ion: 93 Resp: 83224

Ion Ratio Lower Upper

93 100

95 83.0 68.8 103.2

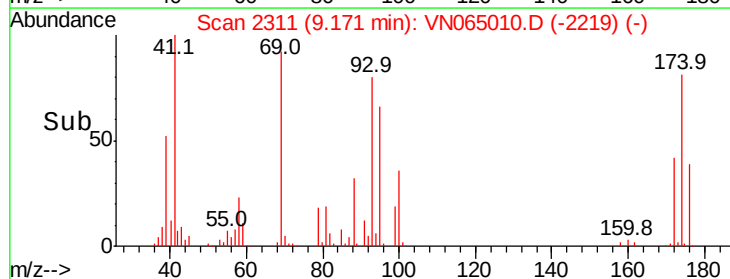
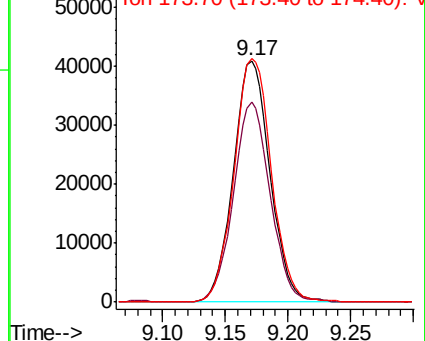
174 102.9 83.1 124.7

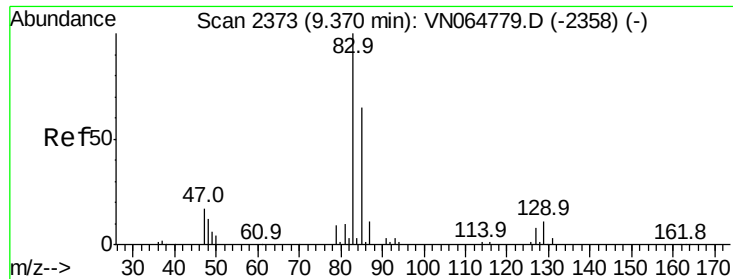


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.963 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

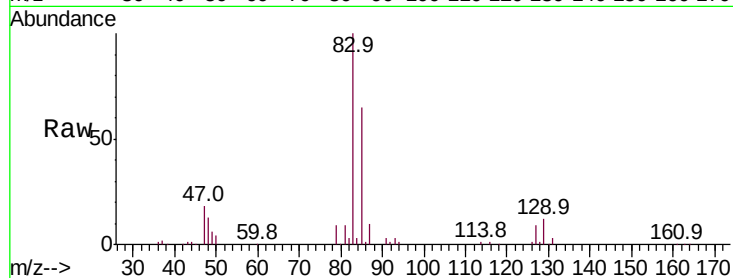
Tot Ion: 83 Resp: 168778

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.8

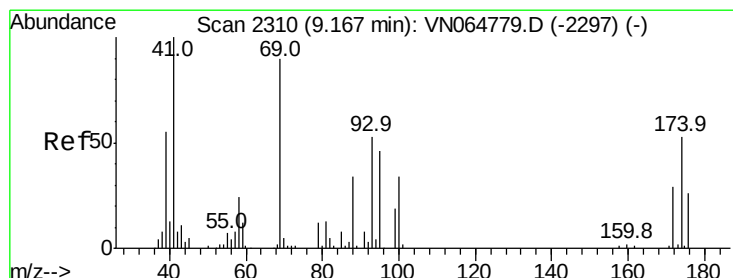
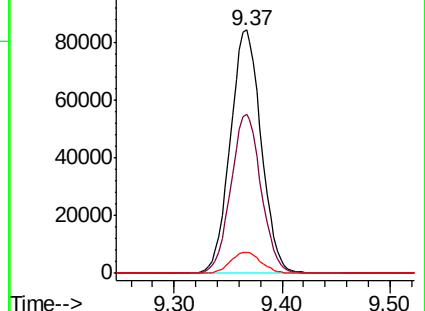
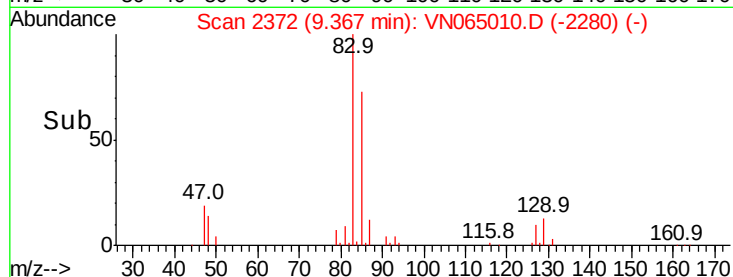
127 8.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 55.339 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

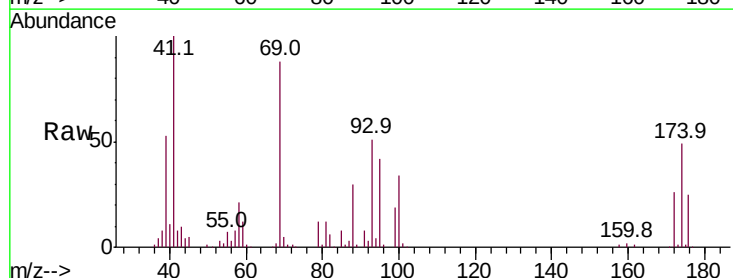
Tgt Ion: 41 Resp: 113843

Ion Ratio Lower Upper

41 100

69 92.8 71.8 107.8

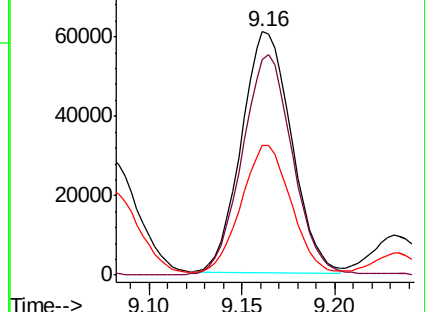
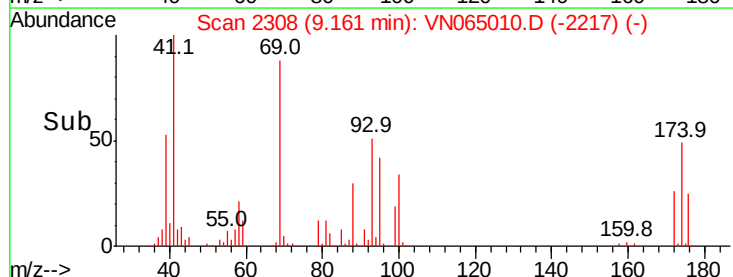
39 54.1 44.1 66.1

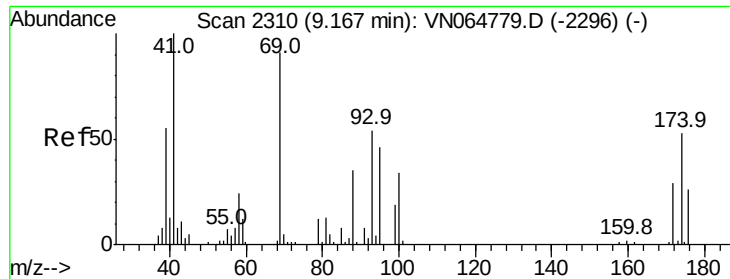


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

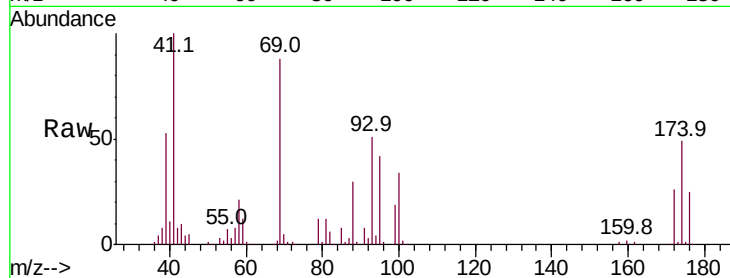




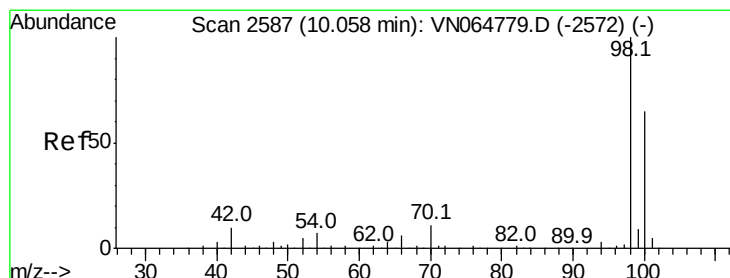
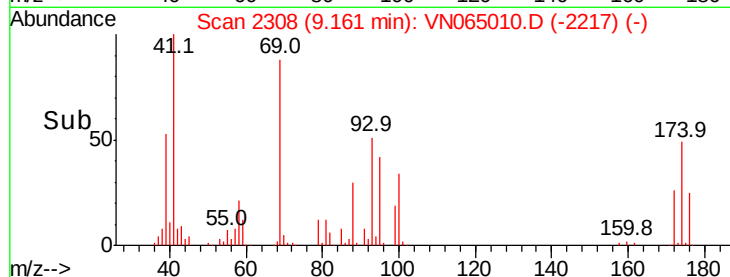
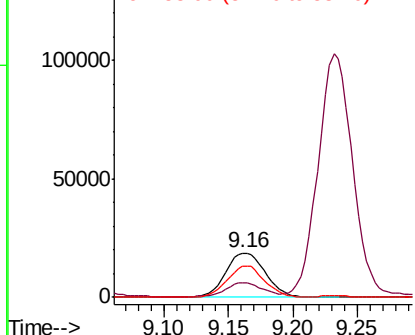
#49
1,4-Dioxane
Concen: 1026.627 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 39917
Ion Ratio Lower Upper
88 100
43 28.8 24.2 36.4
58 66.5 52.5 78.7

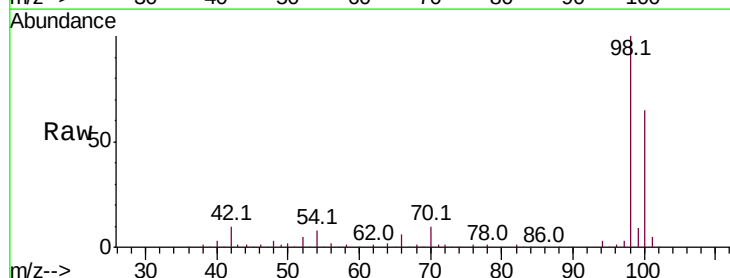


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

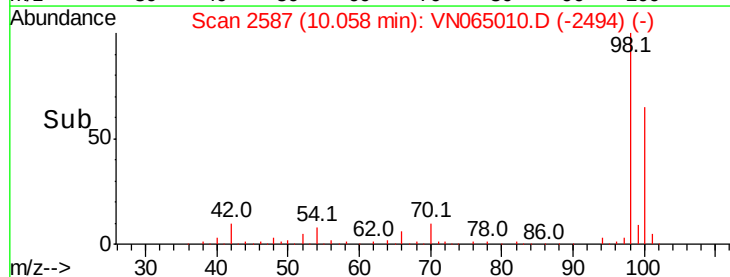
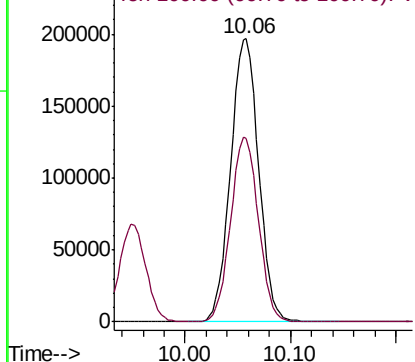


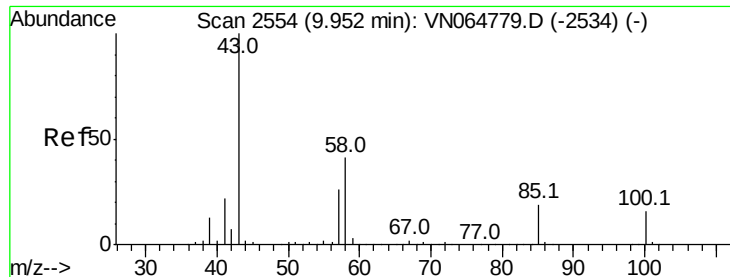
#50
Toluene-d8
Concen: 49.460 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 98 Resp: 362361
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 277.275 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

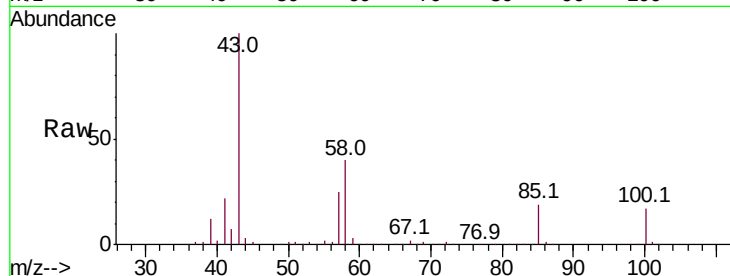
VSTDCCC050

Tot Ion: 43 Resp: 716660

Ion Ratio Lower Upper

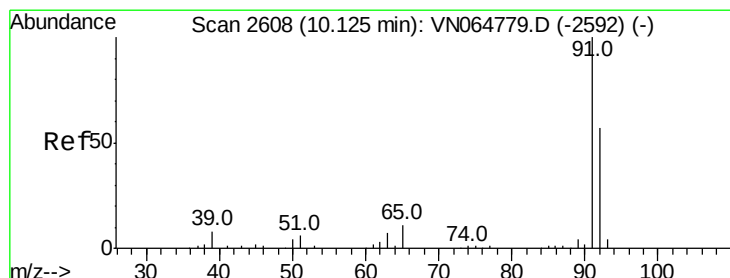
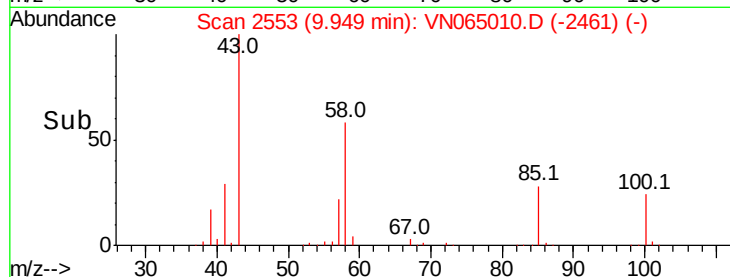
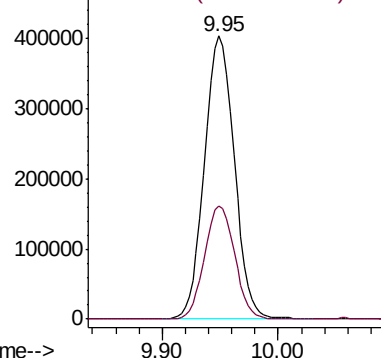
43 100

58 40.5 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 55.601 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN065010.D

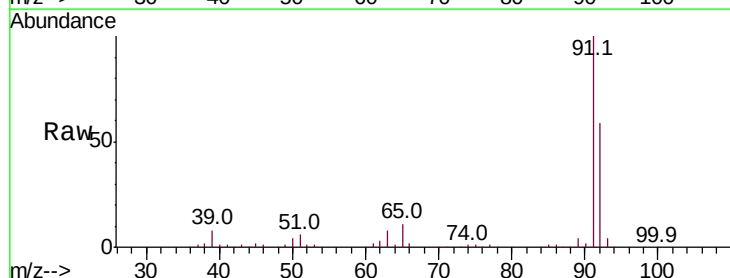
Acq: 9 Dec 2020 10:32

Tgt Ion: 92 Resp: 291444

Ion Ratio Lower Upper

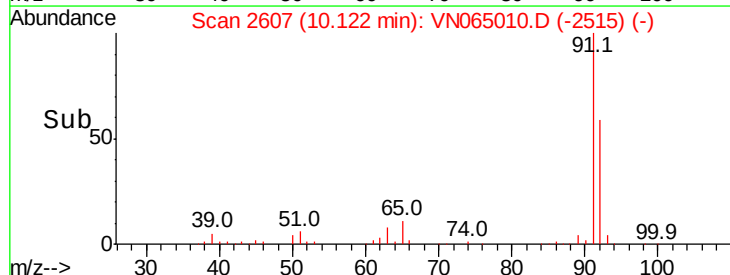
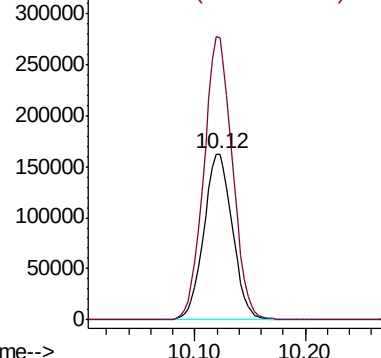
92 100

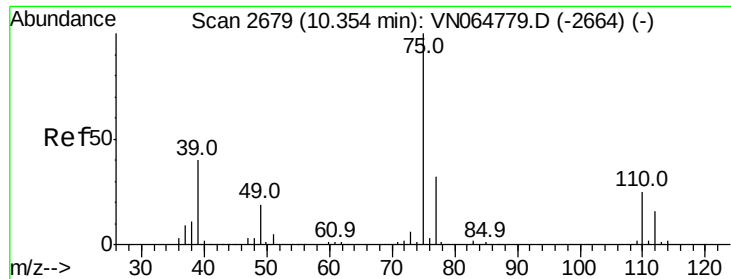
91 171.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 55.532 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

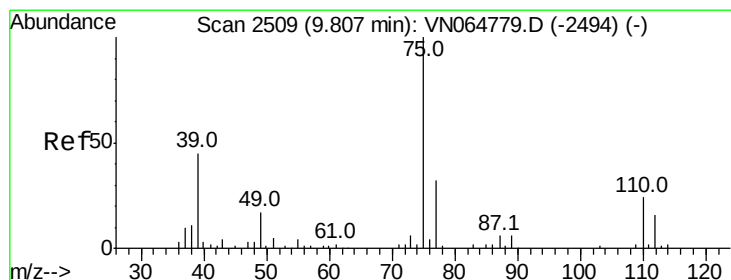
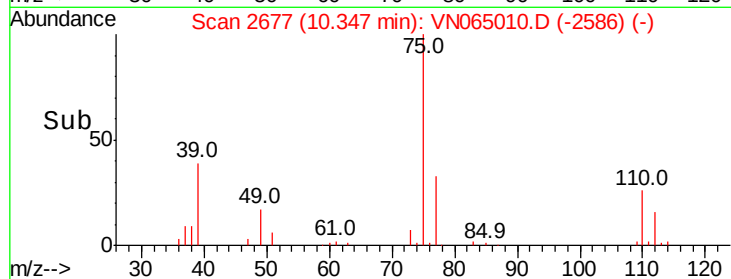
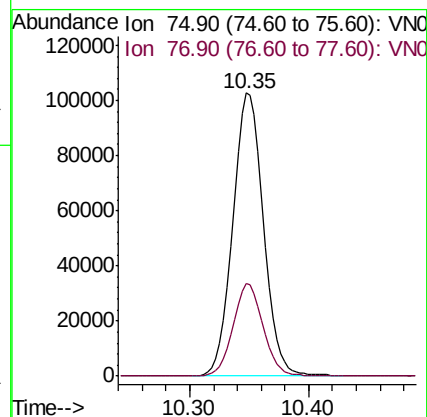
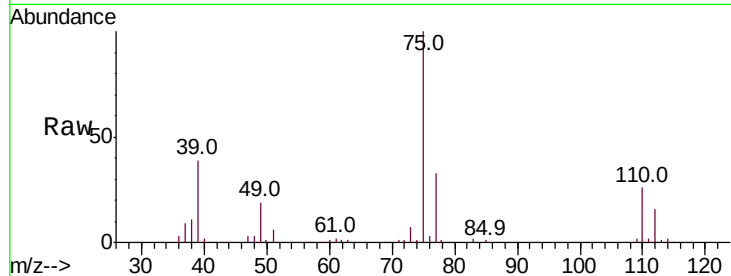
VSTDCCC050

Tot Ion: 75 Resp: 183262

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 57.168 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

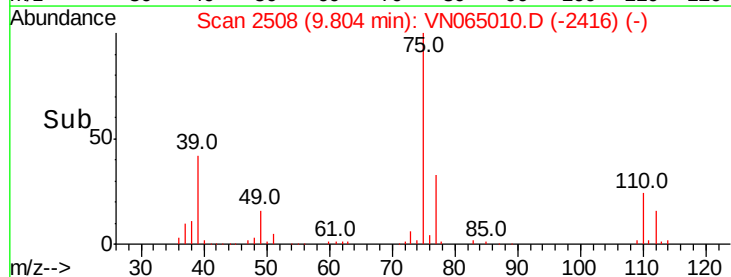
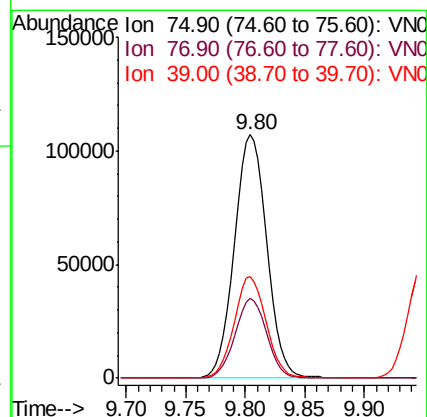
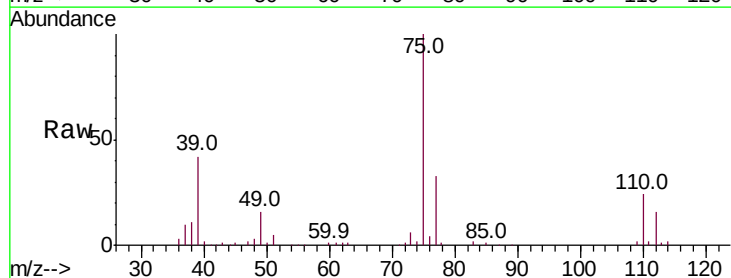
Tgt Ion: 75 Resp: 202218

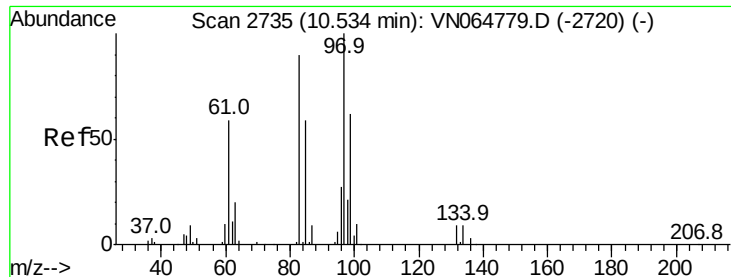
Ion Ratio Lower Upper

75 100

77 33.0 25.5 38.3

39 41.7 35.6 53.4

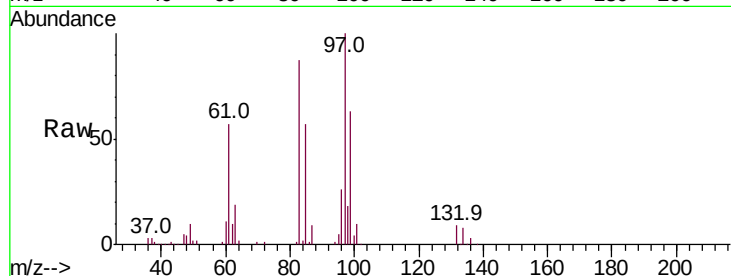




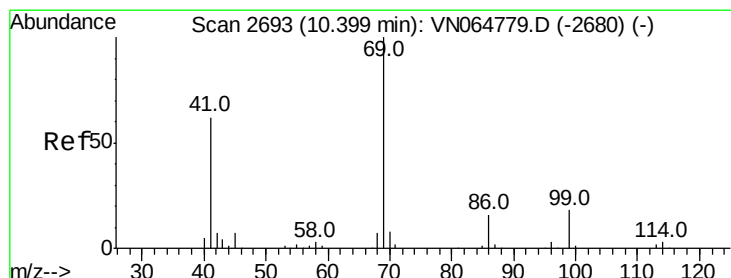
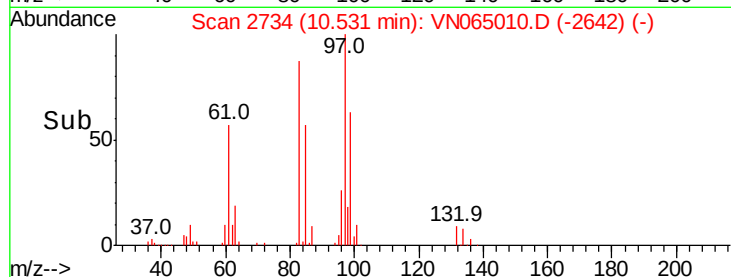
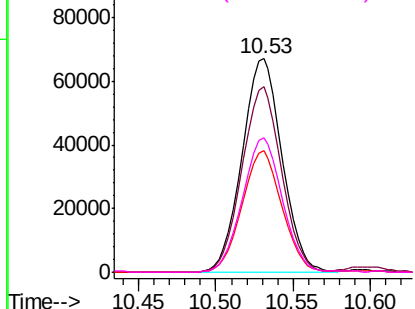
#55
 1,1,2-Trichloroethane
 Concen: 56.026 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 120761
 Ion Ratio Lower Upper
 97 100
 83 86.7 72.1 108.1
 85 56.8 46.8 70.2
 99 63.0 49.6 74.4

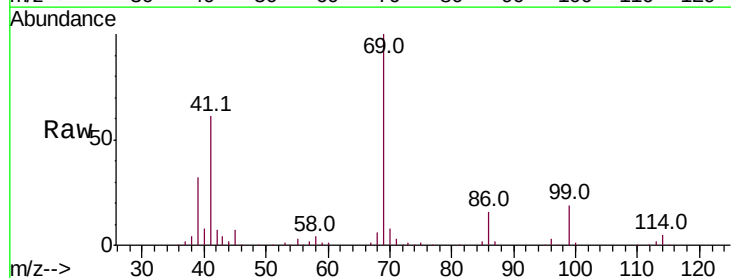


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

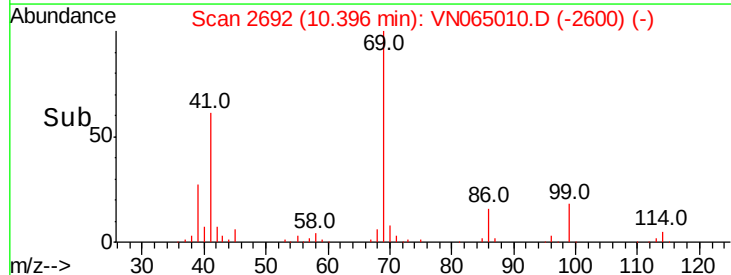
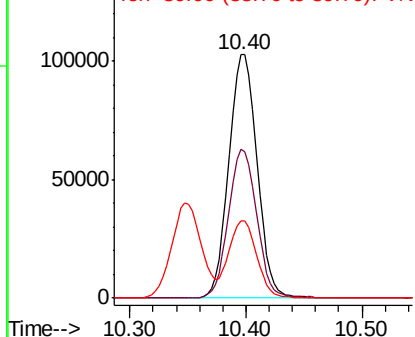


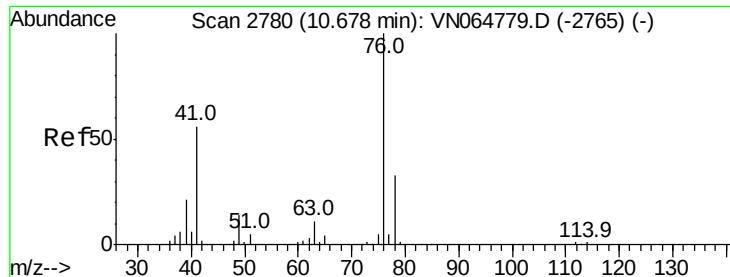
#56
 Ethyl methacrylate
 Concen: 58.297 ug/l
 RT: 10.40 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion: 69 Resp: 173398
 Ion Ratio Lower Upper
 69 100
 41 60.6 49.4 74.0
 39 31.5 25.9 38.9



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: 56.427 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

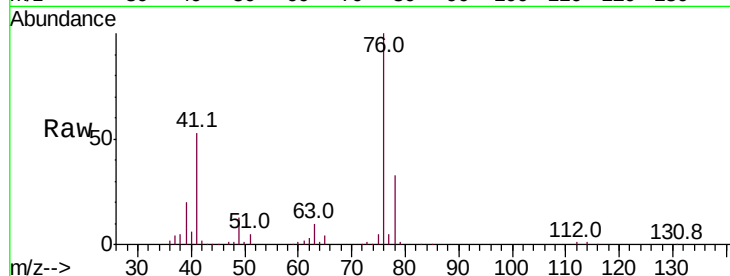
VSTDCCC050

Tot Ion: 76 Resp: 200628

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

120000

100000

80000

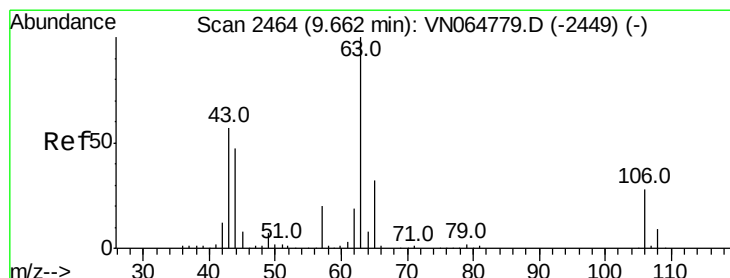
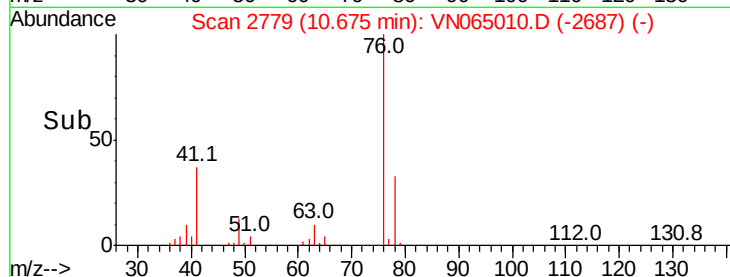
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.663 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN065010.D

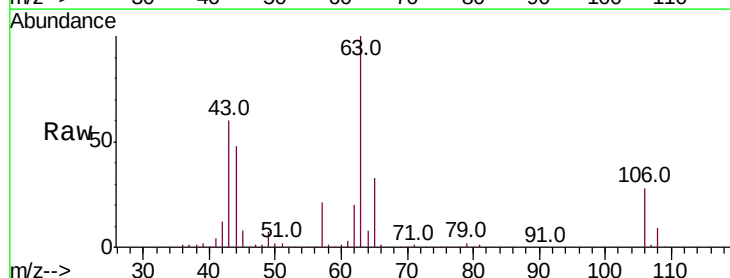
Acq: 9 Dec 2020 10:32

Tgt Ion: 63 Resp: 437933

Ion Ratio Lower Upper

63 100

106 28.7 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

250000

200000

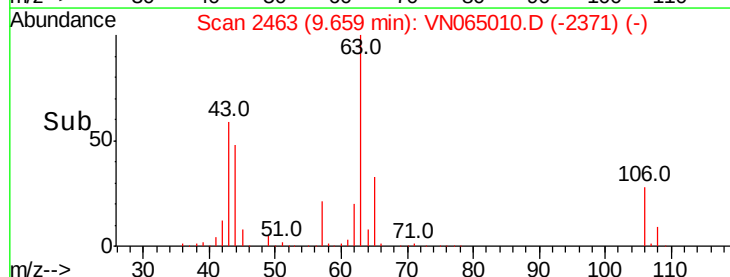
150000

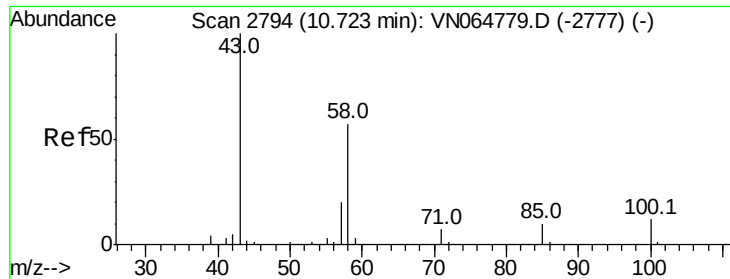
100000

50000

0

Time-->

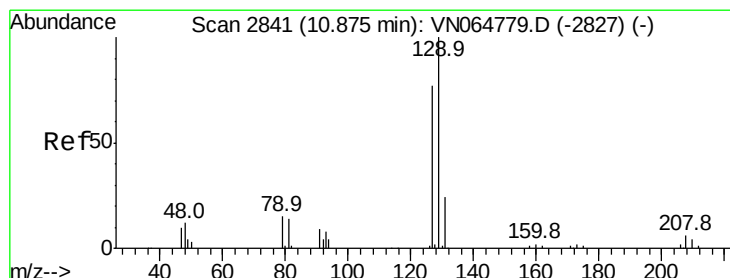
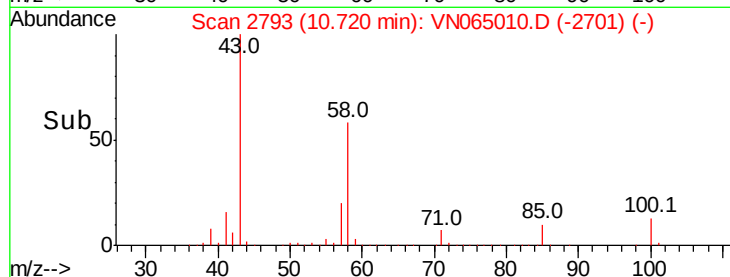
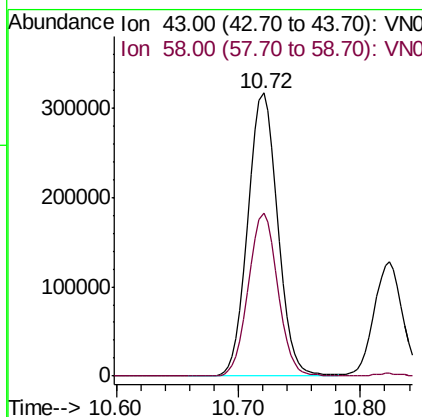
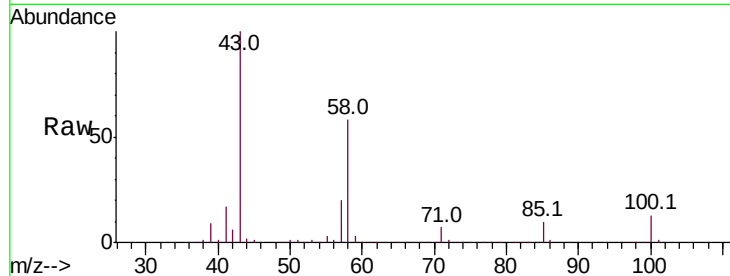




#59
2-Hexanone
Concen: 285.770 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

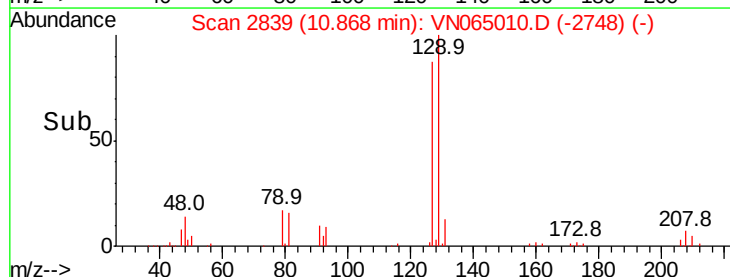
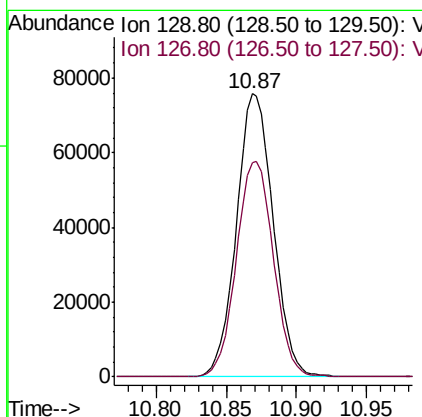
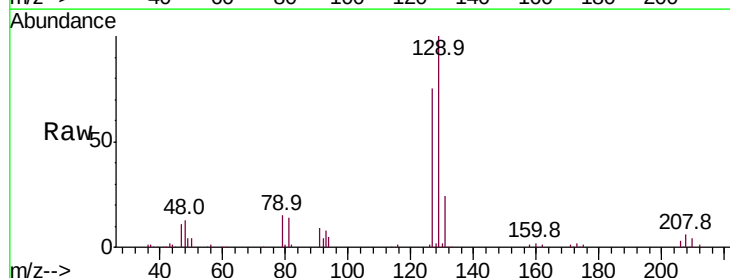
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

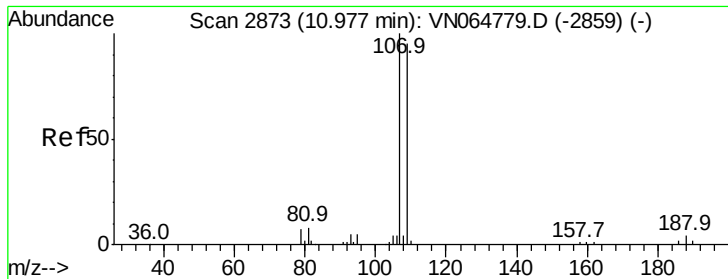
Tot Ion: 43 Resp: 531571
Ion Ratio Lower Upper
43 100
58 57.0 28.3 84.9



#60
Dibromochloromethane
Concen: 57.851 ug/l
RT: 10.87 min Scan# 2839
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 129 Resp: 138608
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 55.982 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

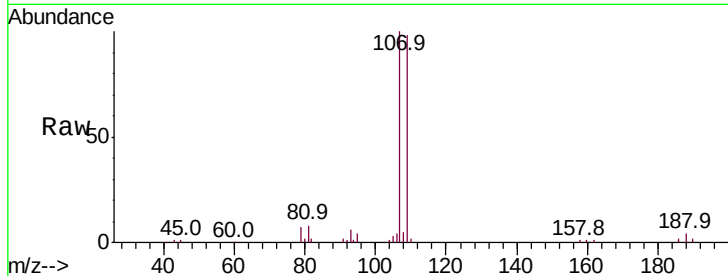
VSTDCCC050

Tot Ion:107 Resp: 122592

Ion Ratio Lower Upper

107 100

109 94.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.97

80000

60000

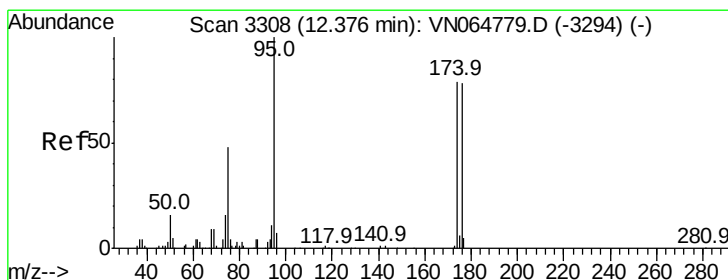
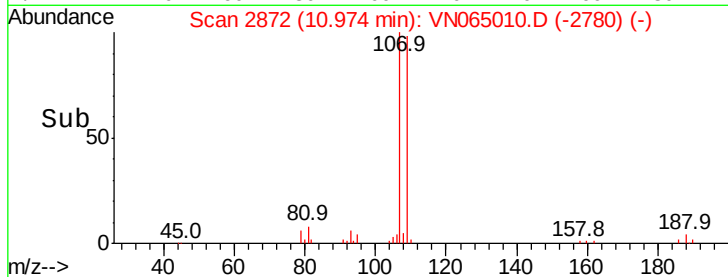
40000

20000

0

10.90 11.00 11.10

Time-->



#62

4-Bromofluorobenzene

Concen: 49.158 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

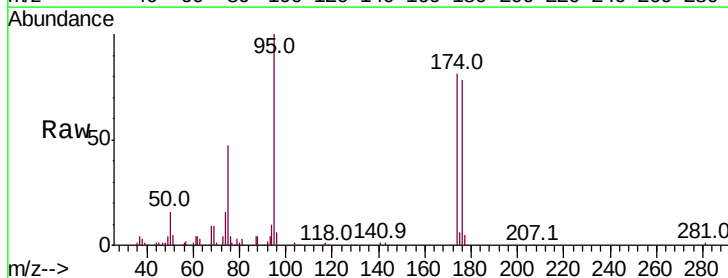
Tgt Ion: 95 Resp: 128891

Ion Ratio Lower Upper

95 100

174 82.5 0.0 160.4

176 79.4 0.0 158.4



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

12.37

100000

80000

60000

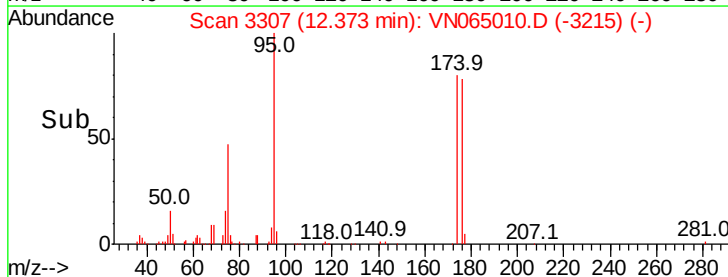
40000

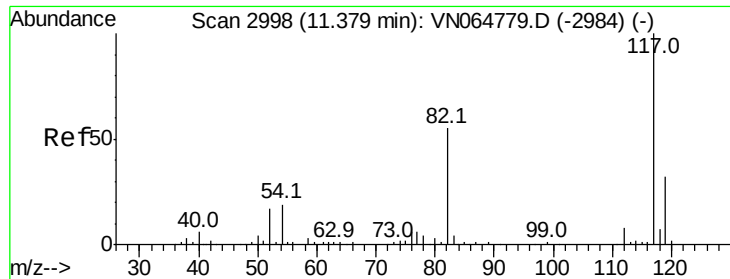
20000

0

12.30 12.35 12.40 12.45

Time-->

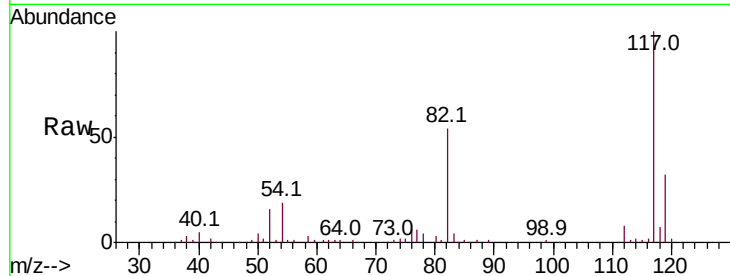




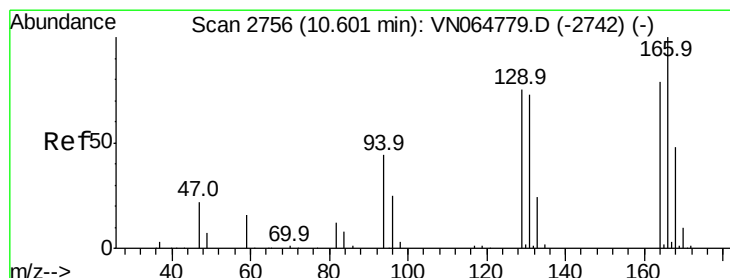
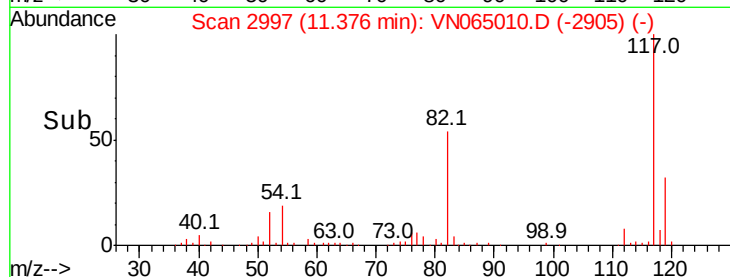
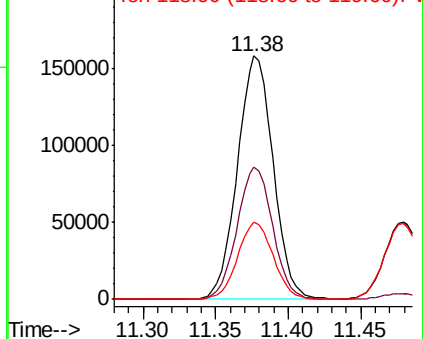
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 271031
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.7 25.8 38.6

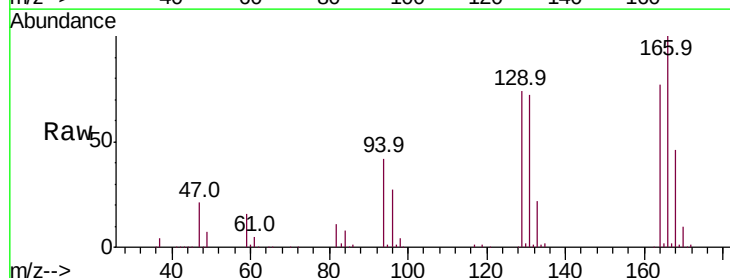


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

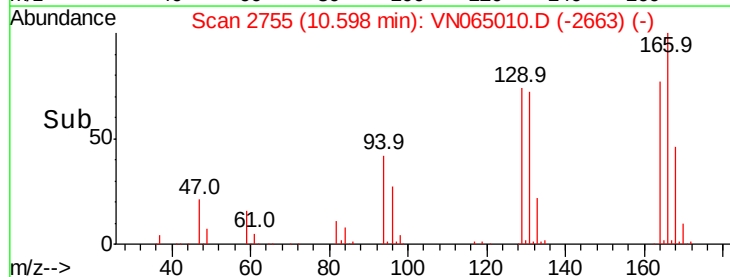
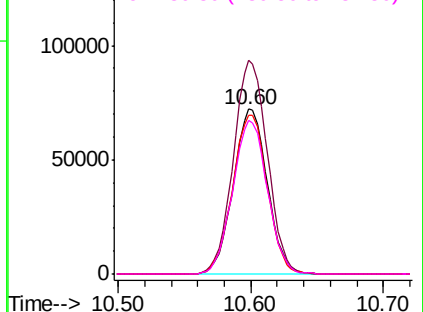


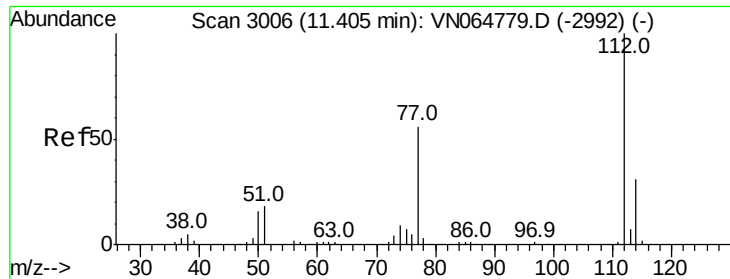
#64
Tetrachloroethene
Concen: 48.752 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion:164 Resp: 128552
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.0
129 95.8 76.1 114.1
131 92.8 74.2 111.2



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

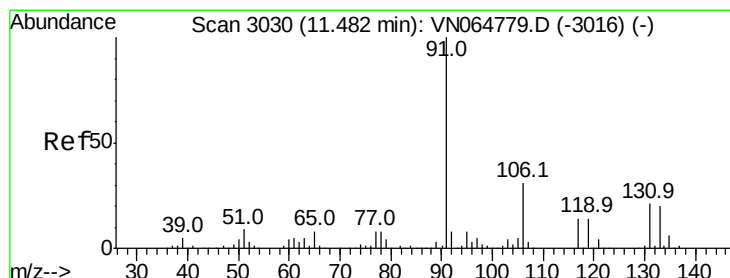
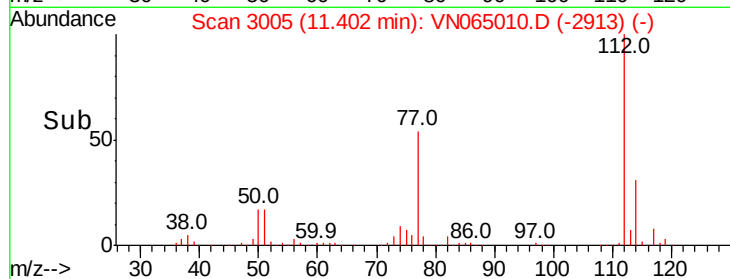
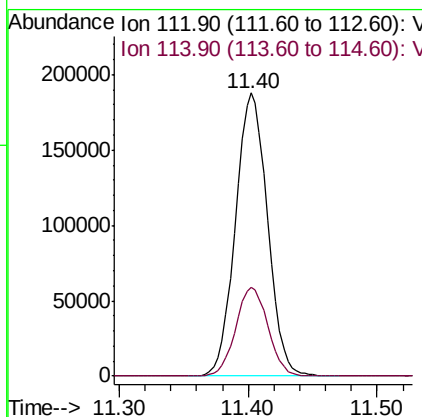
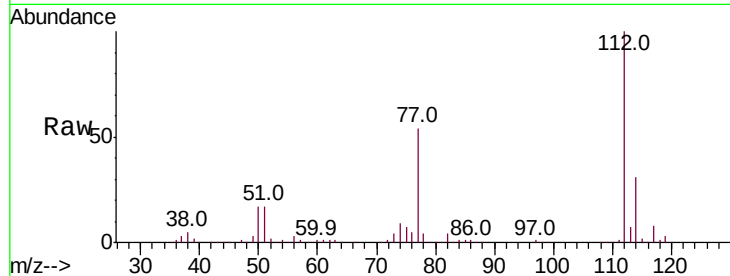




#65
Chlorobenzene
Concen: 55.687 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

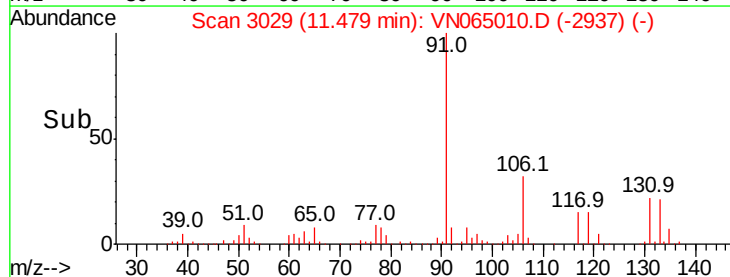
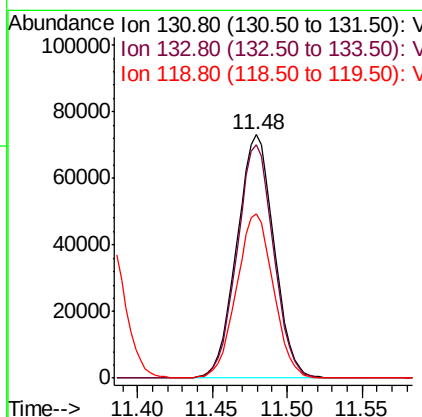
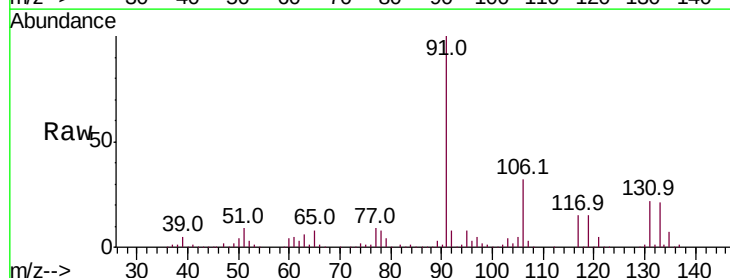
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

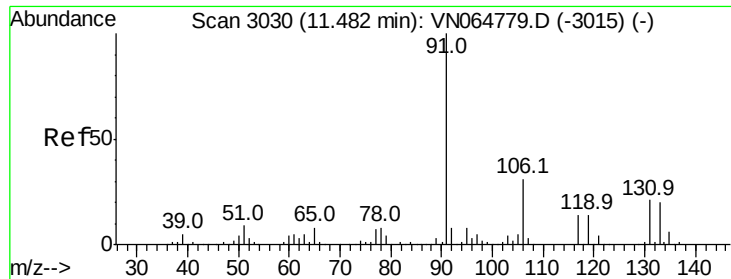
Tot Ion:112 Resp: 324114
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 59.120 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion:131 Resp: 126456
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.5
119 67.0 33.3 99.8

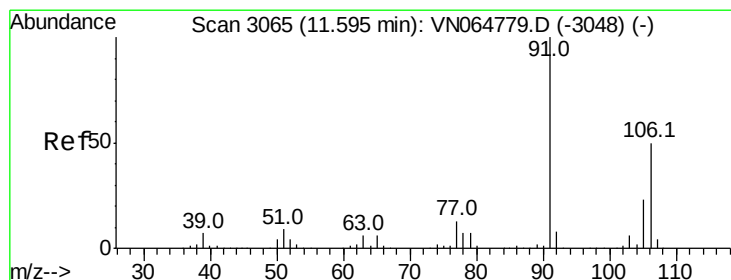
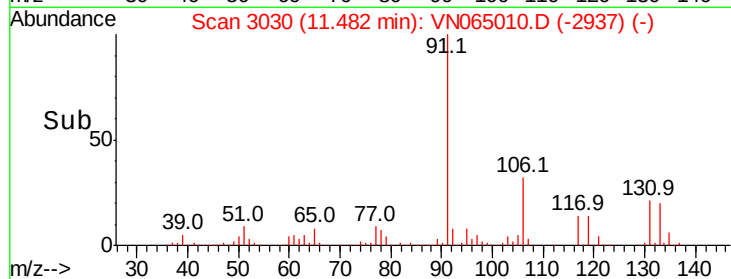
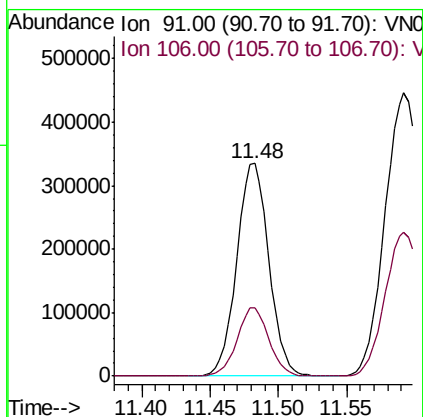
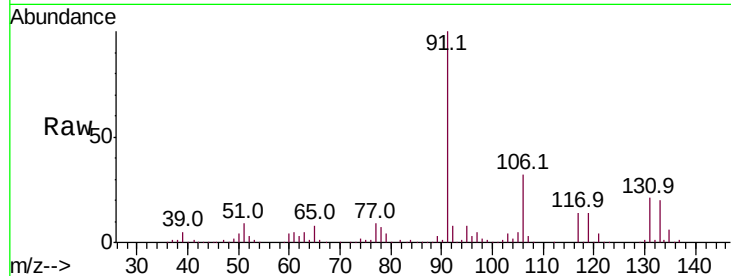




#67
Ethyl Benzene
Concen: 56.468 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

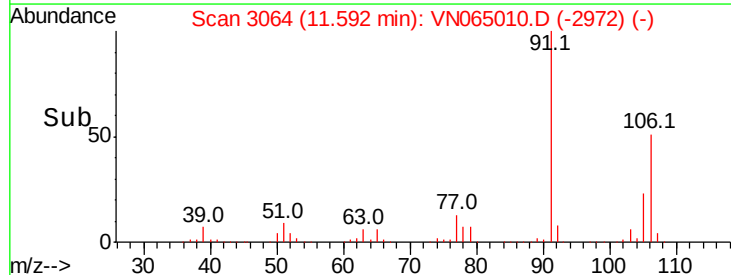
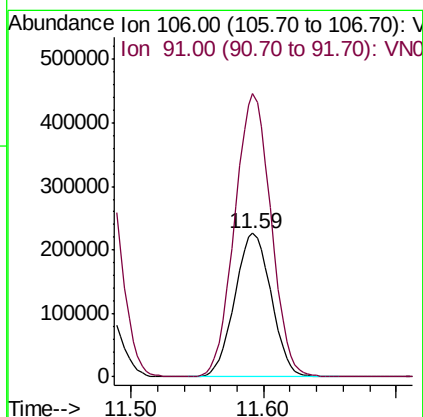
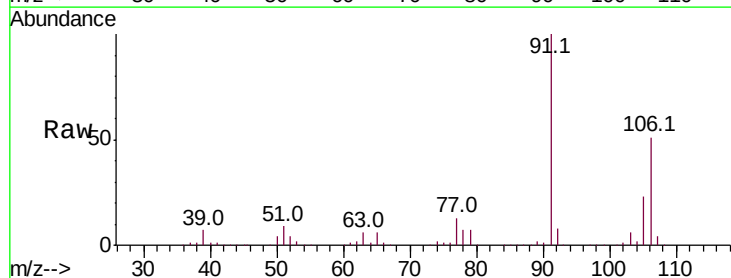
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

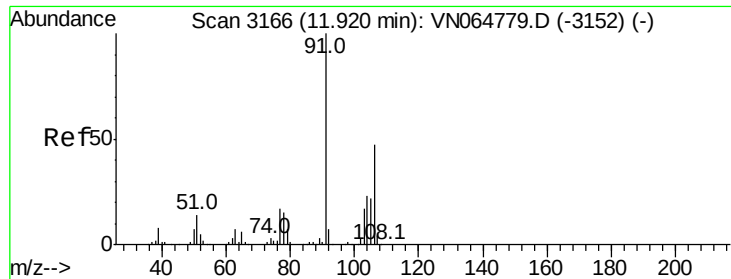
Tot Ion: 91 Resp: 549054
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8



#68
m/p-Xylenes
Concen: 117.026 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 106 Resp: 430805
Ion Ratio Lower Upper
106 100
91 196.2 161.0 241.4

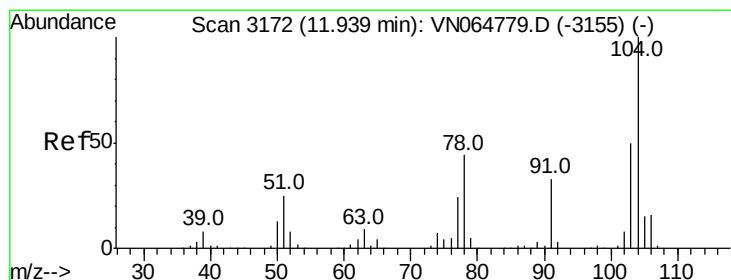
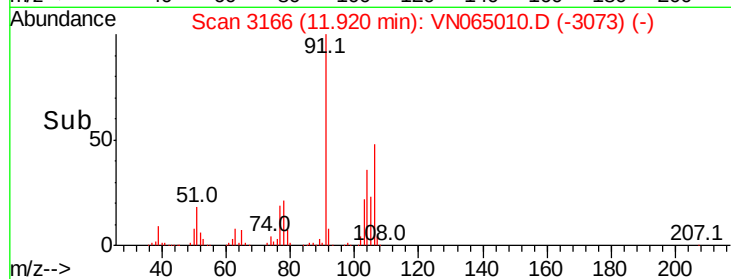
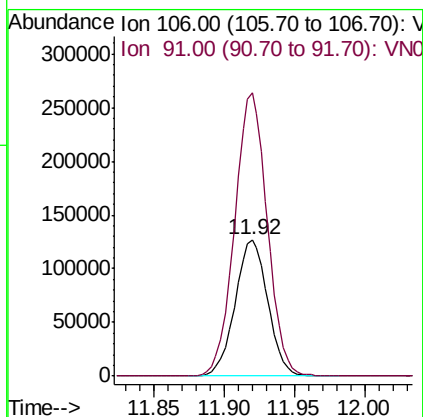
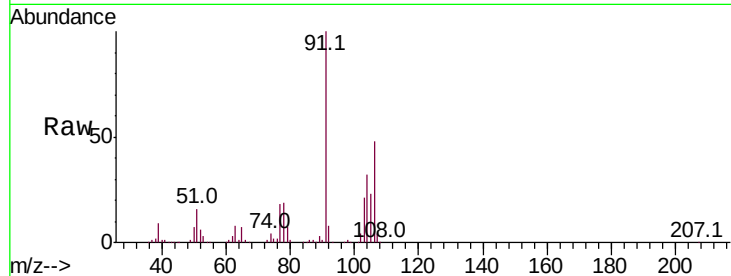




#69
o-Xylene
Concen: 58.954 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

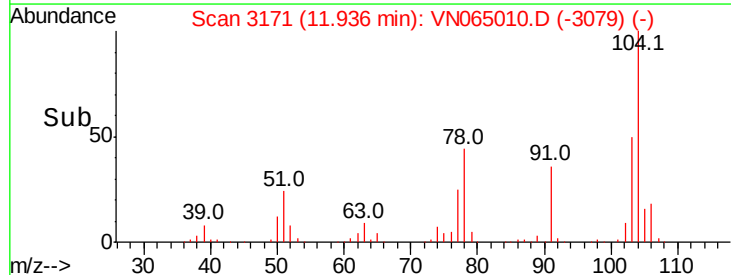
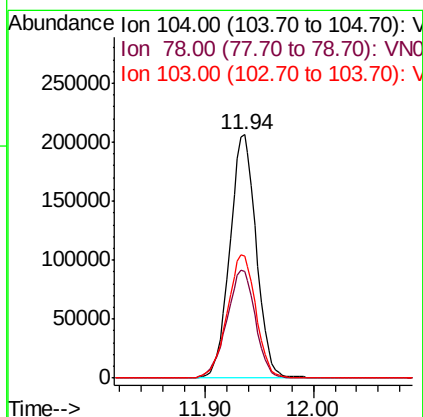
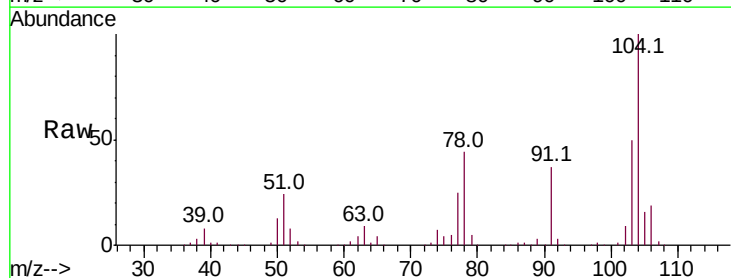
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

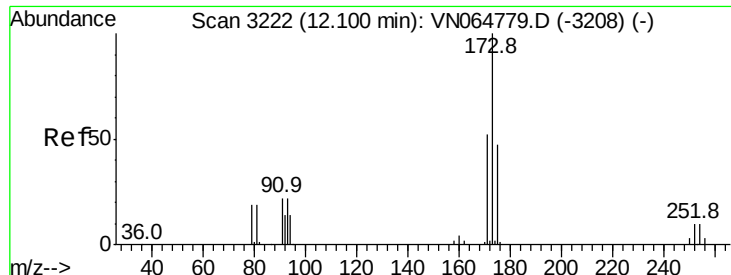
Tot Ion:106 Resp: 205947
Ion Ratio Lower Upper
106 100
91 207.7 105.5 316.5



#70
Styrene
Concen: 59.823 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion:104 Resp: 352797
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 54.7 44.3 66.5





#71

Bromoform

Concen: 57.041 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

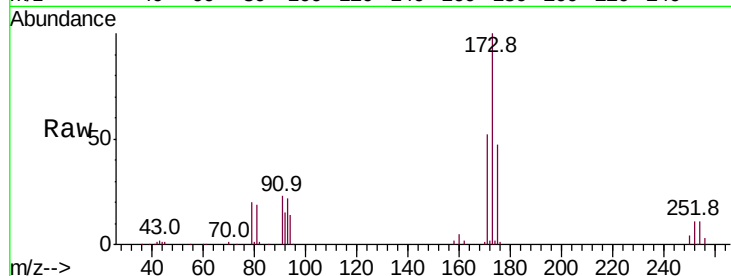
Tot Ion:173 Resp: 97449

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

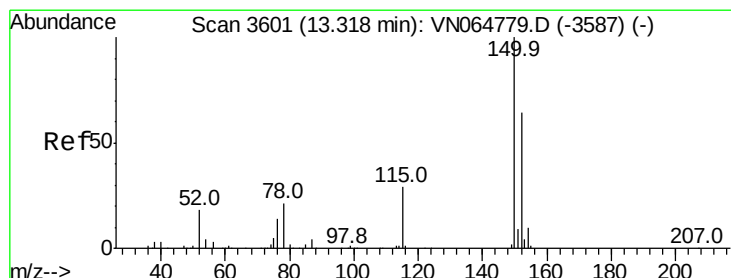
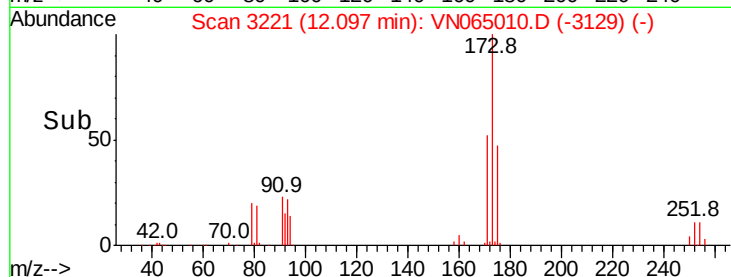
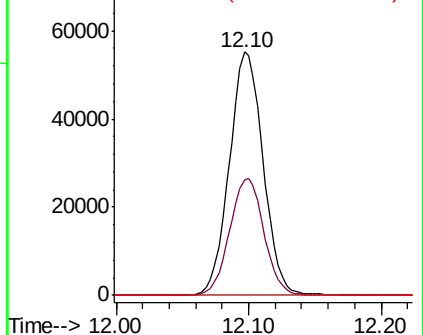
254 0.1 0.0 0.0#



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: VN065010.D

Acq: 9 Dec 2020 10:32

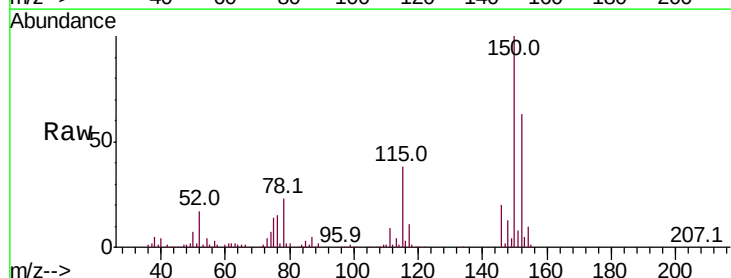
Tgt Ion:152 Resp: 132771

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

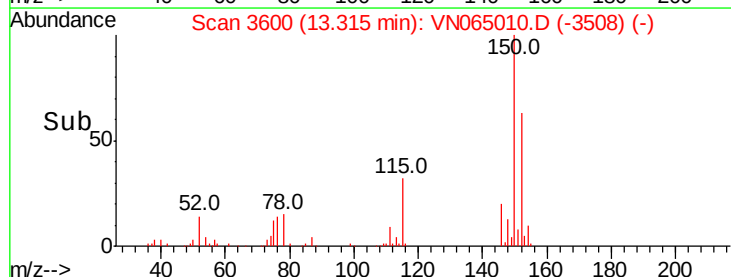
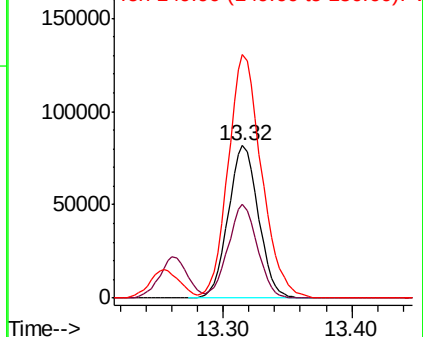
150 176.4 0.0 350.6

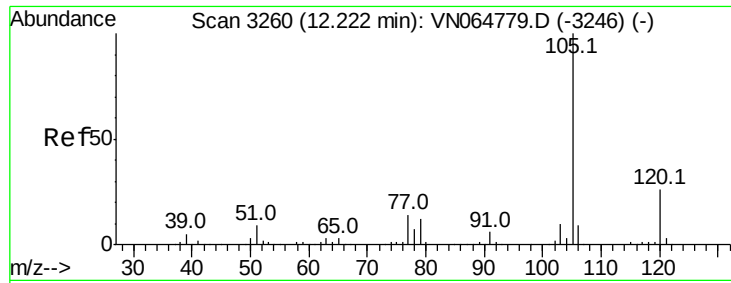


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

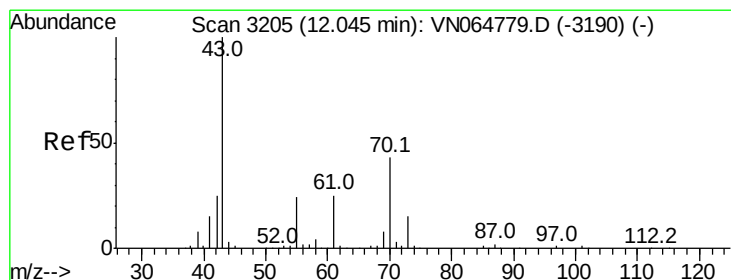
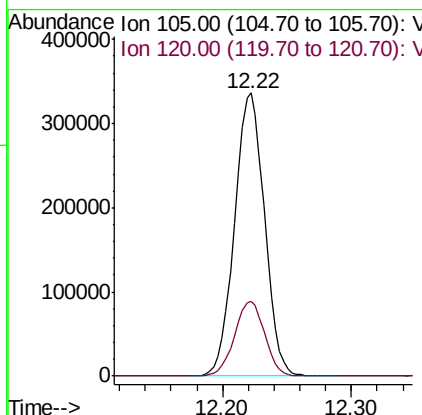
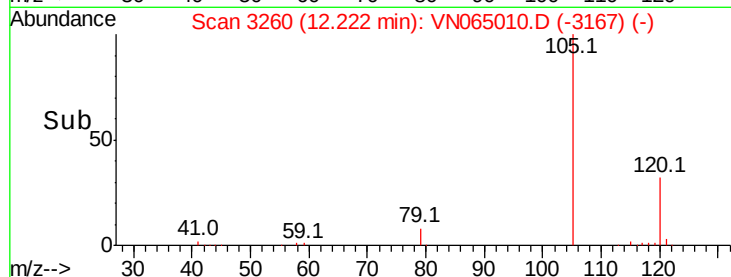
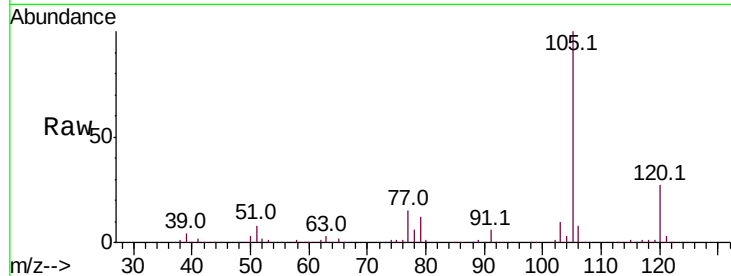




#73
Isopropylbenzene
Concen: 58.681 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

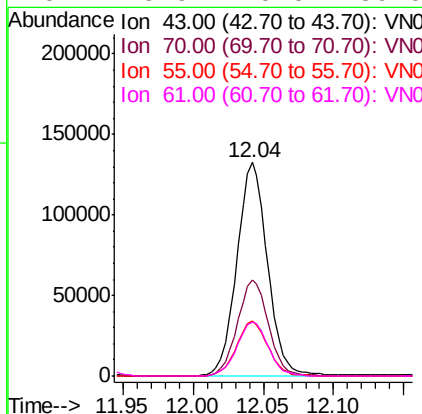
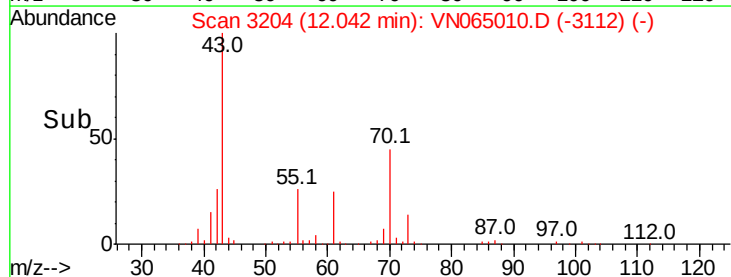
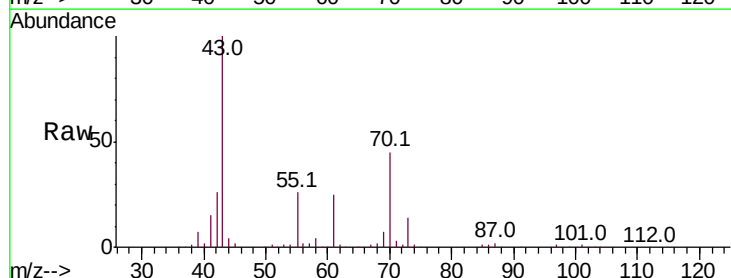
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

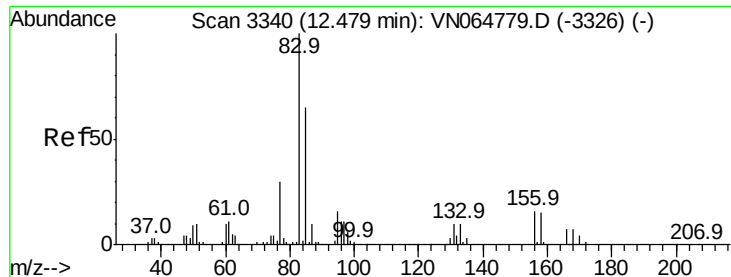
Tot Ion:105 Resp: 541928
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 55.393 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 43 Resp: 201320
Ion Ratio Lower Upper
43 100
70 45.7 34.5 51.7
55 26.5 20.4 30.6
61 25.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 59.385 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

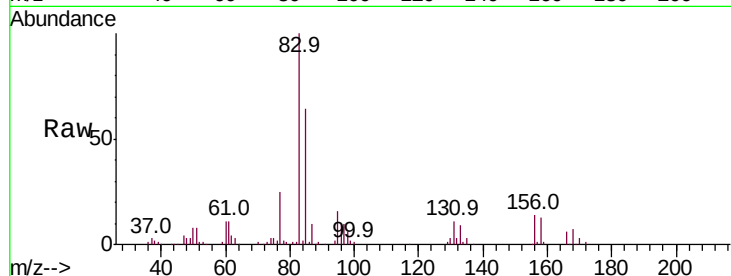
Tot Ion: 83 Resp: 160748

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

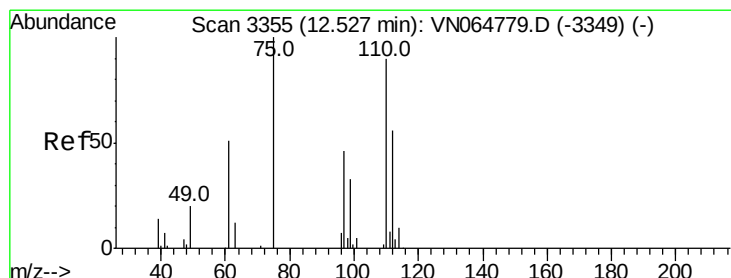
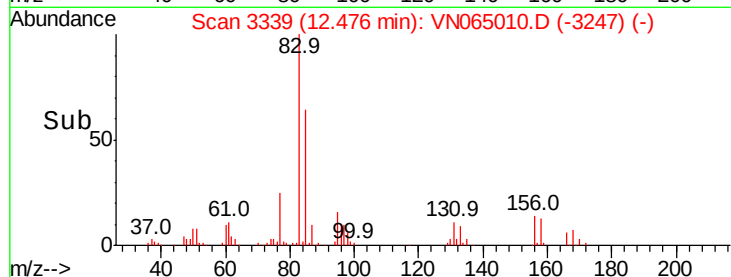
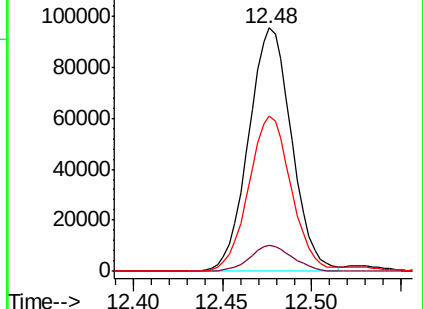
85 63.0 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 77.329 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN065010.D

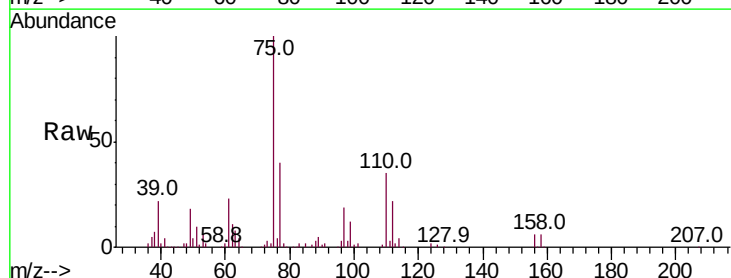
Acq: 9 Dec 2020 10:32

Tgt Ion: 75 Resp: 221109

Ion Ratio Lower Upper

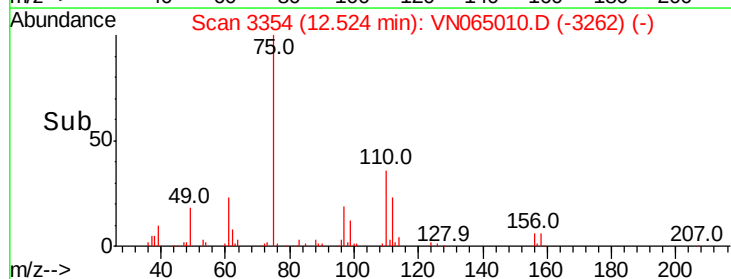
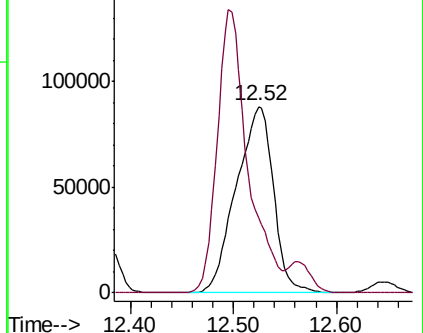
75 100

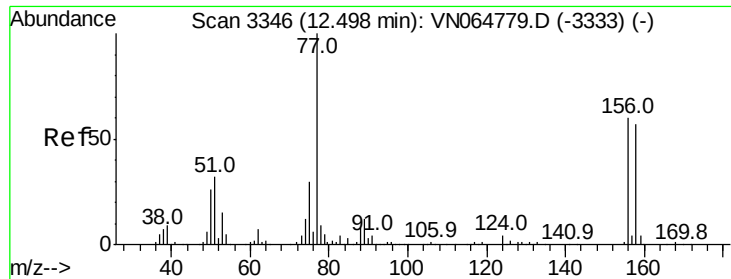
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 56.782 ug/l

RT: 12.50 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

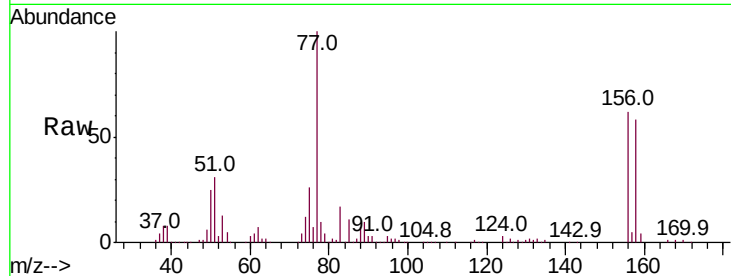
Tot Ion:156 Resp: 141374

Ion Ratio Lower Upper

156 100

77 197.2 101.3 303.7

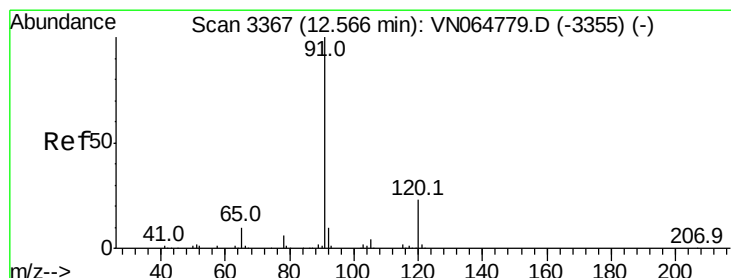
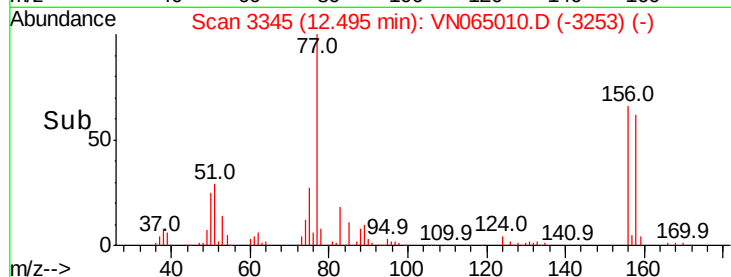
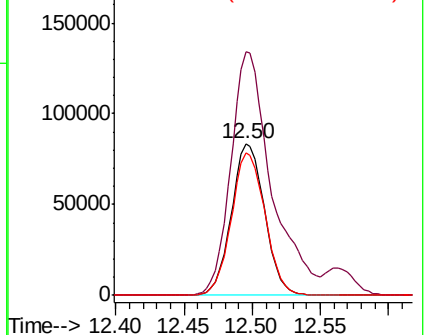
158 95.5 48.2 144.6



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: 57.623 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN065010.D

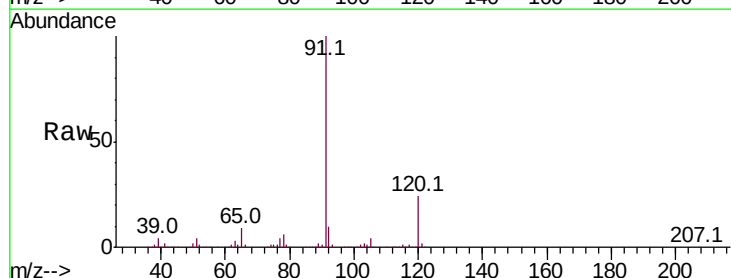
Acq: 9 Dec 2020 10:32

Tgt Ion: 91 Resp: 606236

Ion Ratio Lower Upper

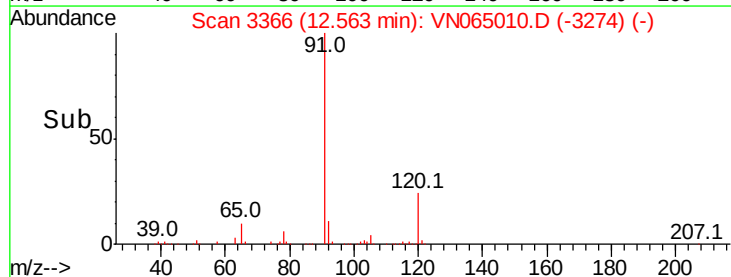
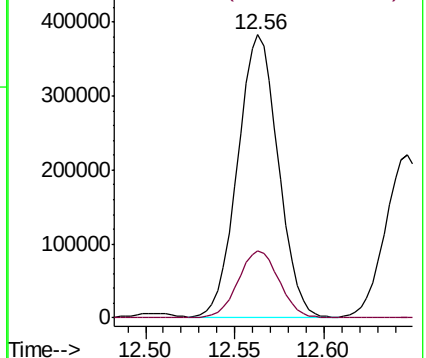
91 100

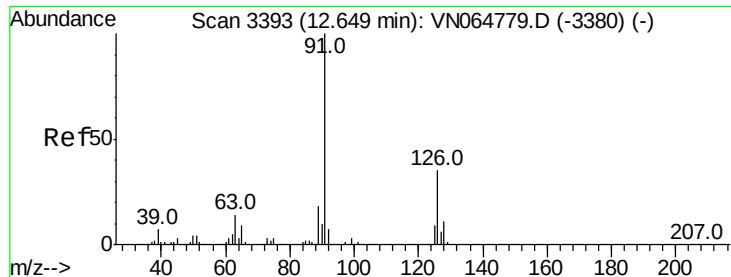
120 24.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.856 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

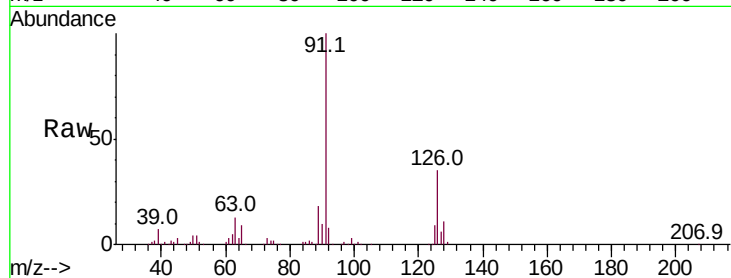
VSTDCCC050

Tot Ion: 91 Resp: 363248

Ion Ratio Lower Upper

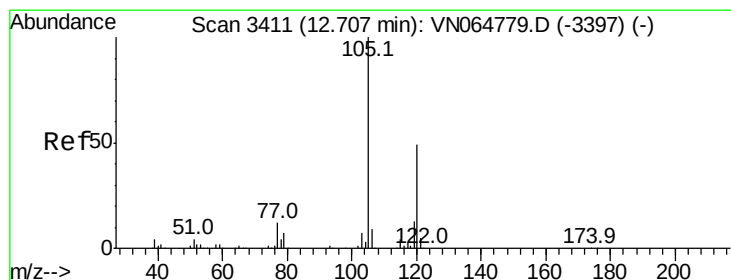
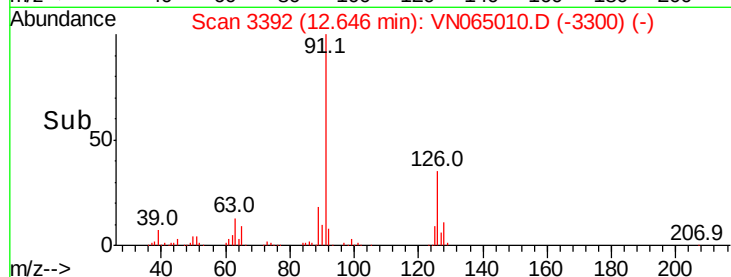
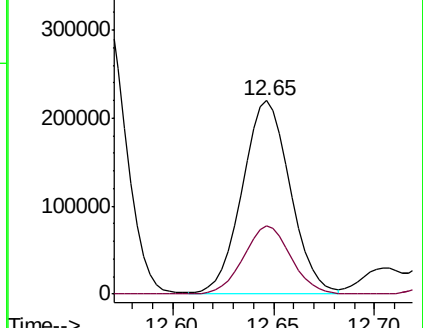
91 100

126 35.1 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 59.354 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN065010.D

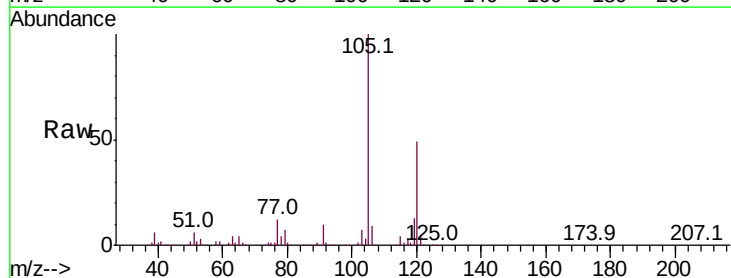
Acq: 9 Dec 2020 10:32

Tgt Ion: 105 Resp: 455617

Ion Ratio Lower Upper

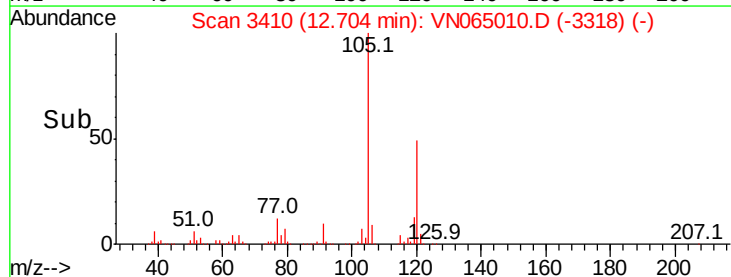
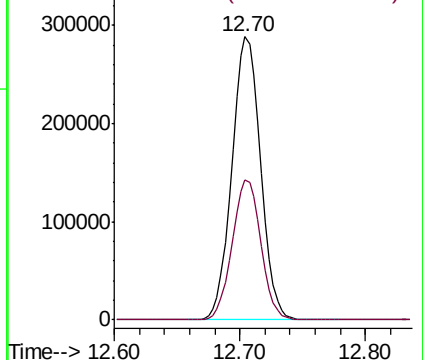
105 100

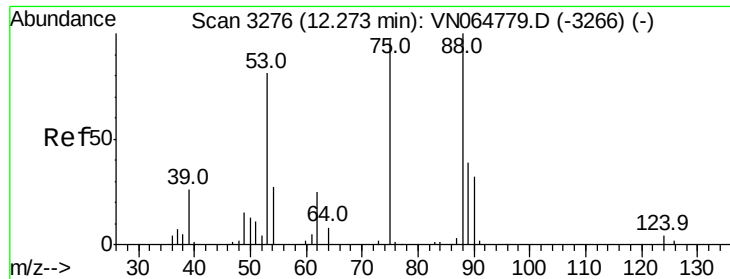
120 49.7 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.510 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

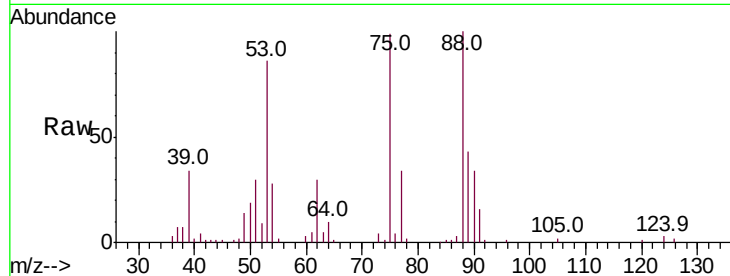
Tot Ion: 75 Resp: 58955

Ion Ratio Lower Upper

75 100

53 85.6 67.0 100.4

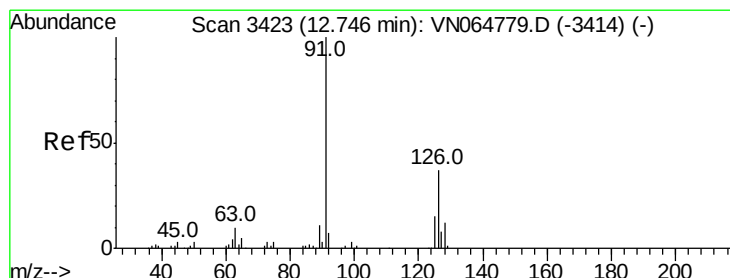
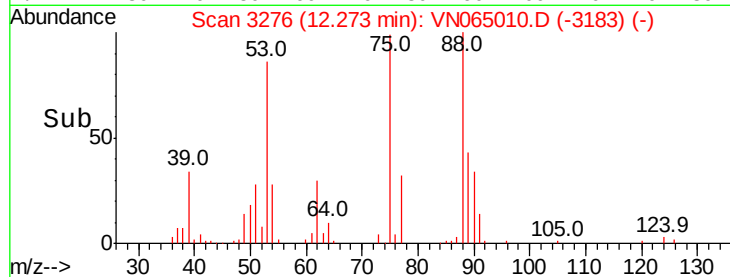
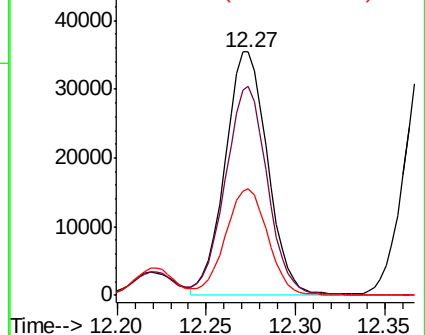
89 43.8 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 56.010 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN065010.D

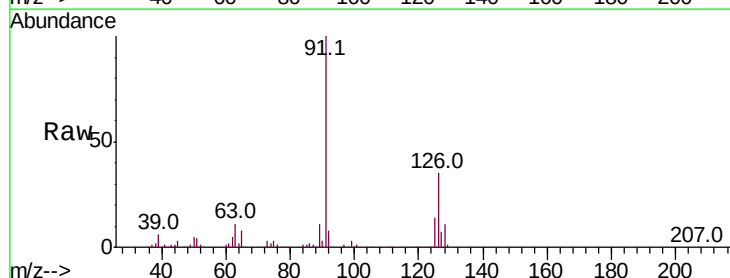
Acq: 9 Dec 2020 10:32

Tgt Ion: 91 Resp: 381798

Ion Ratio Lower Upper

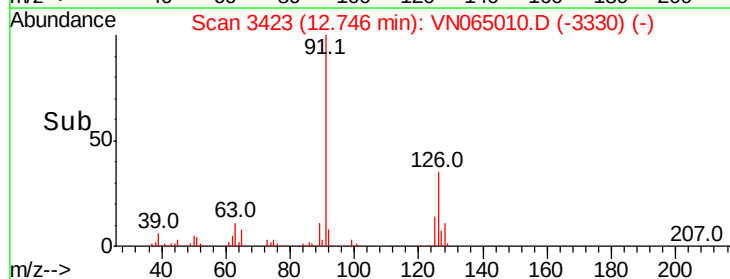
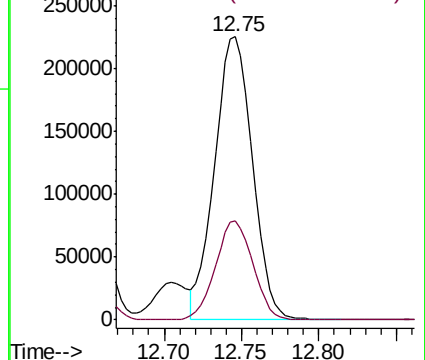
91 100

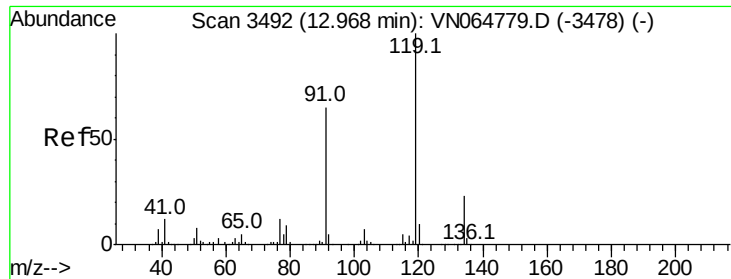
126 34.7 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

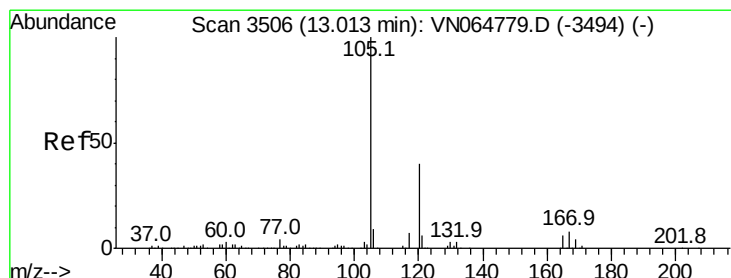
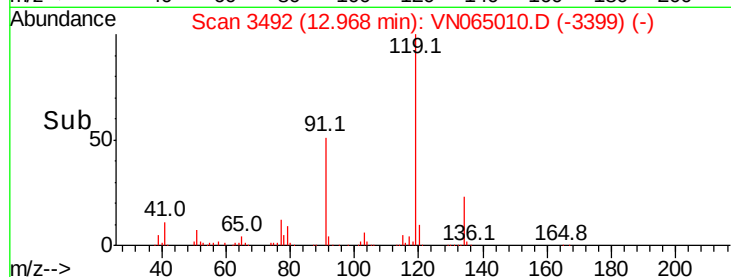
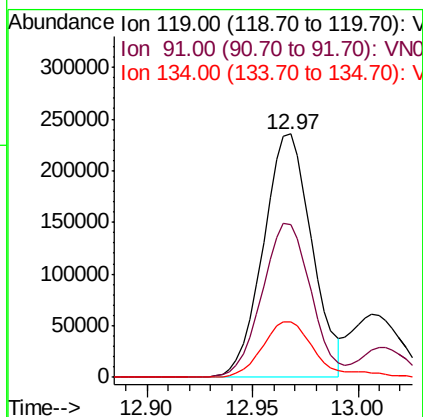
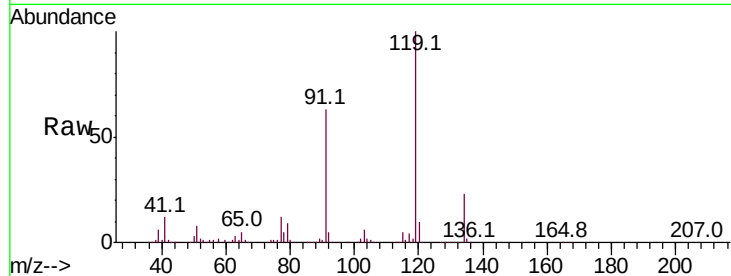




#83
 tert-Butylbenzene
 Concen: 58.776 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

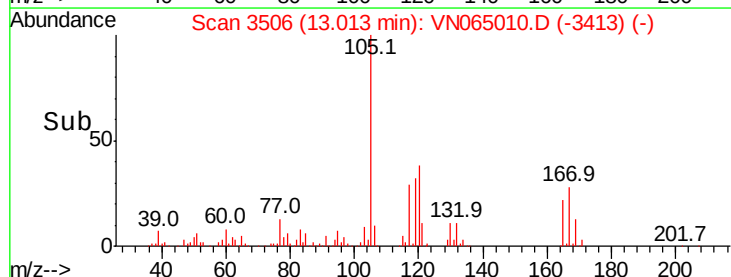
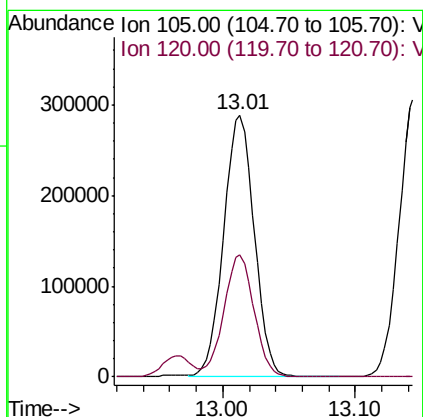
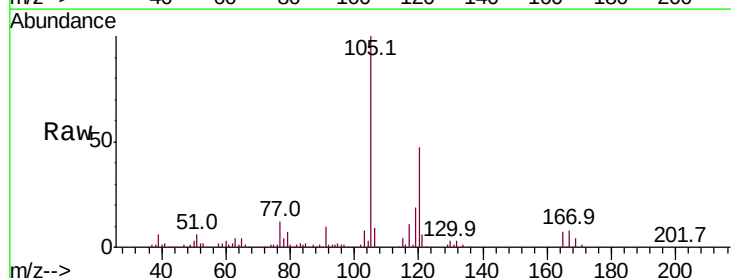
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

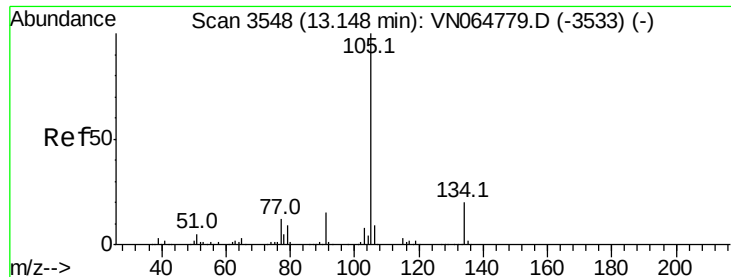
Tot Ion:119 Resp: 378175
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.3 96.8
 134 25.1 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 59.643 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion:105 Resp: 462897
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 57.308 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

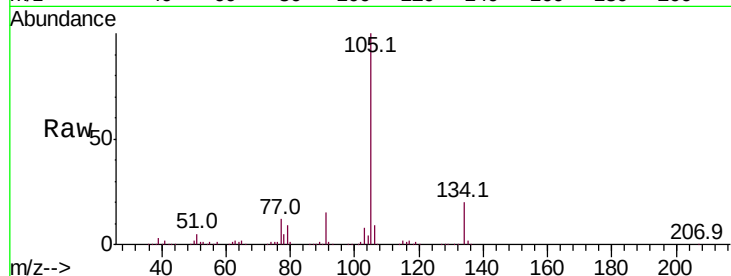
VSTDCCC050

Tot Ion:105 Resp: 489571

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

300000

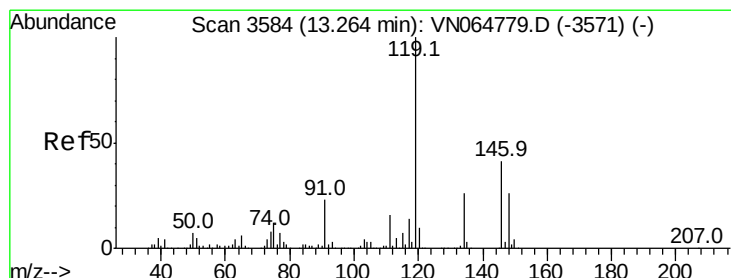
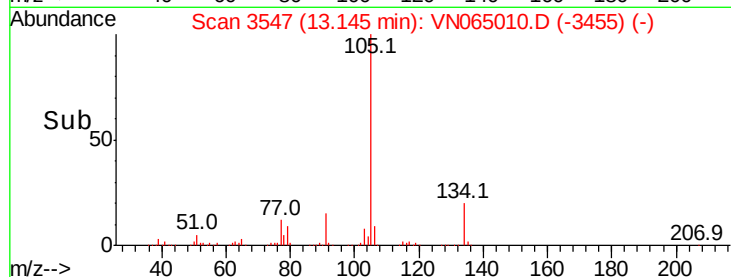
200000

100000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 59.579 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

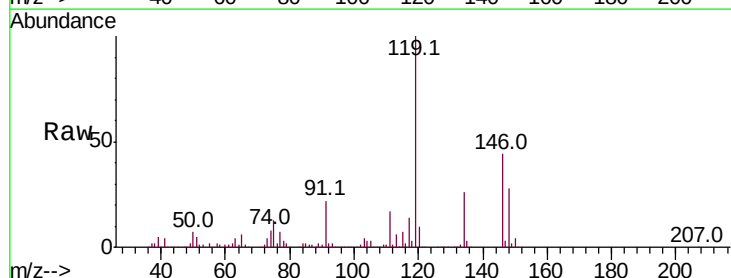
Tgt Ion:119 Resp: 463382

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.5 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

400000

300000

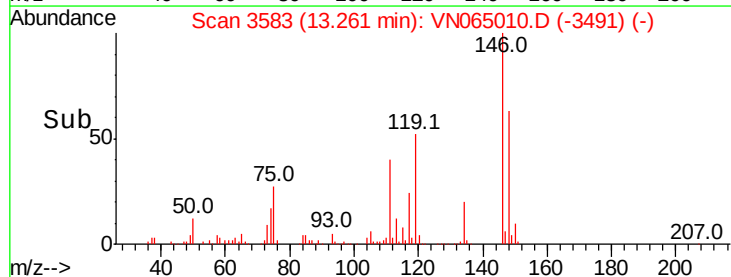
200000

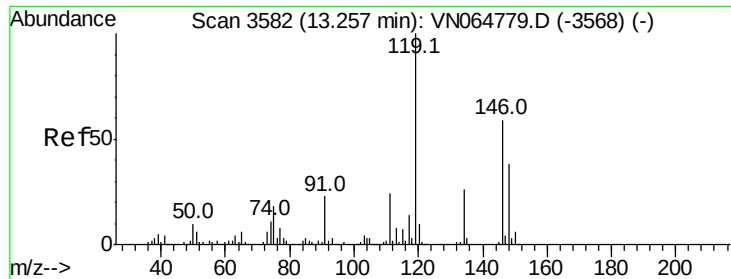
100000

0

Time-->

13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 55.784 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

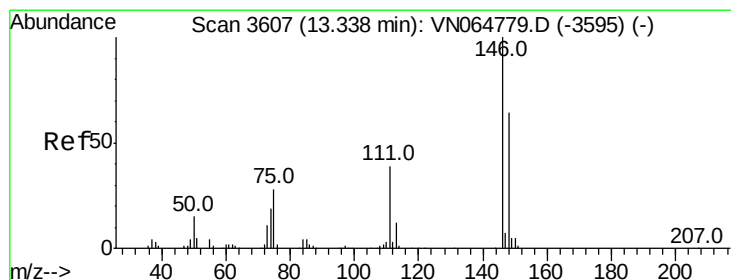
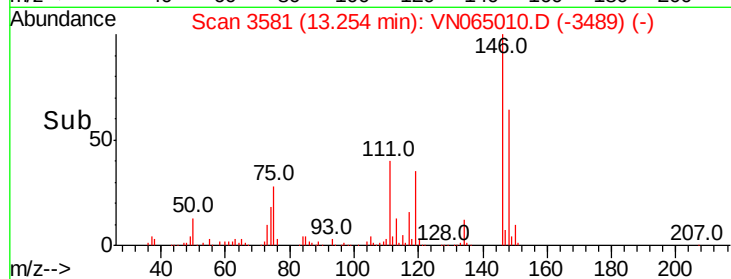
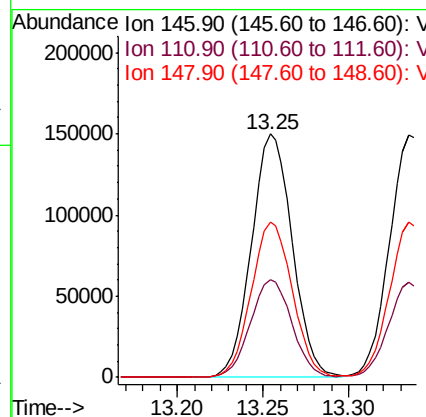
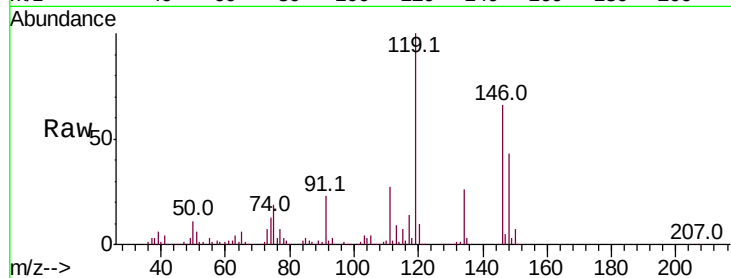
Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 246761

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.9
148	64.3	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 53.459 ug/l

RT: 13.33 min Scan# 3606

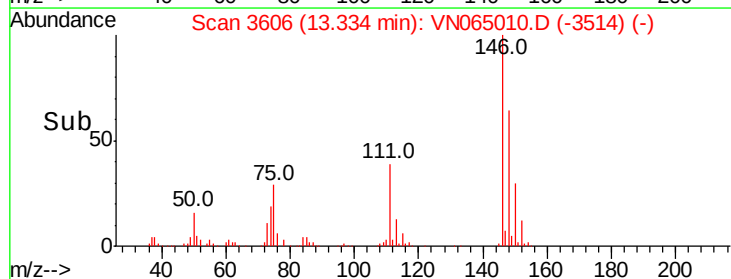
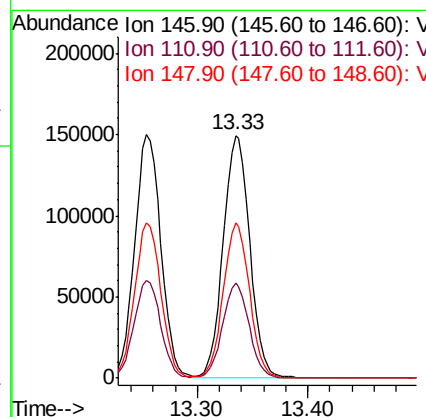
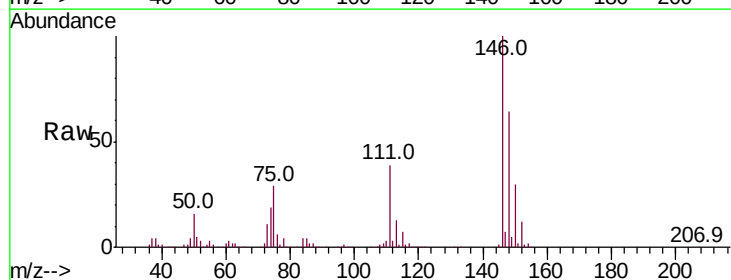
Delta R.T. -0.00 min

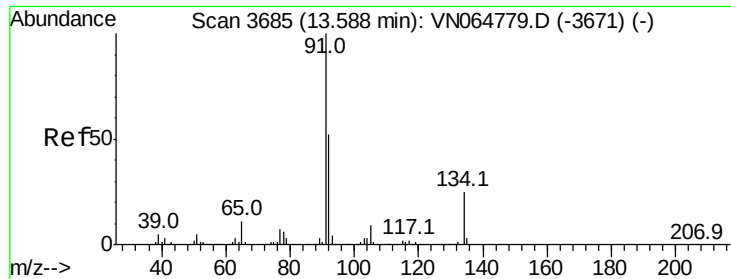
Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion:146 Resp: 250083

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.3
148	63.0	31.9	95.5

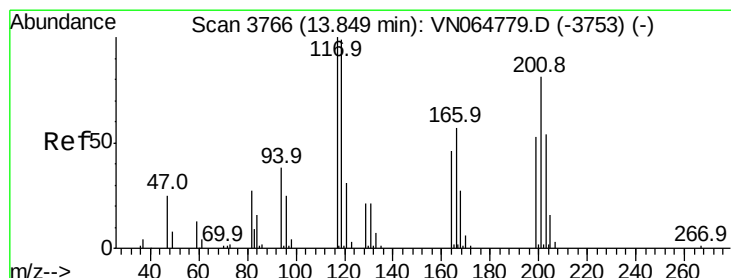
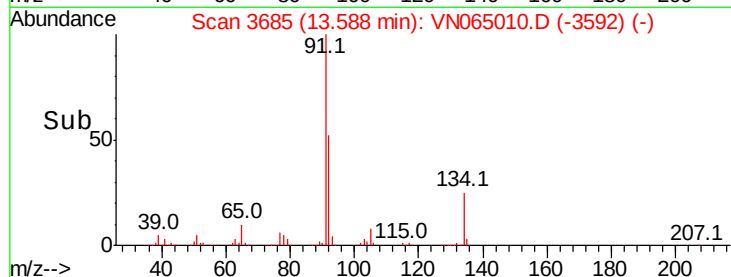
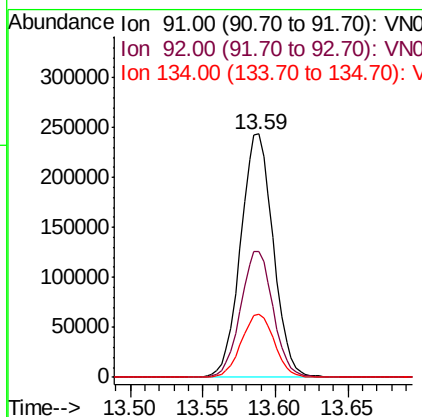
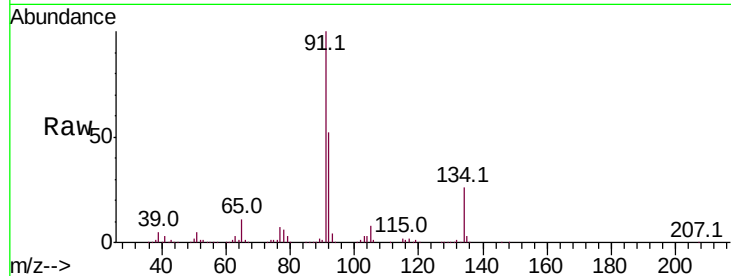




#89
n-Butylbenzene
Concen: 55.874 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

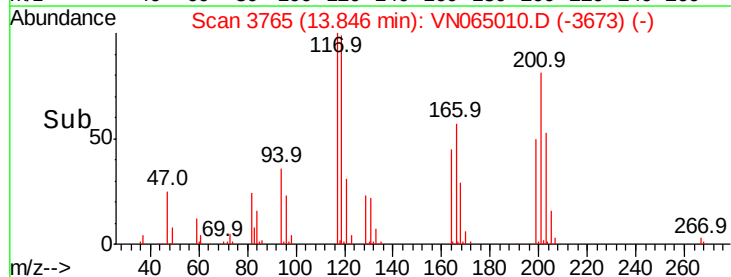
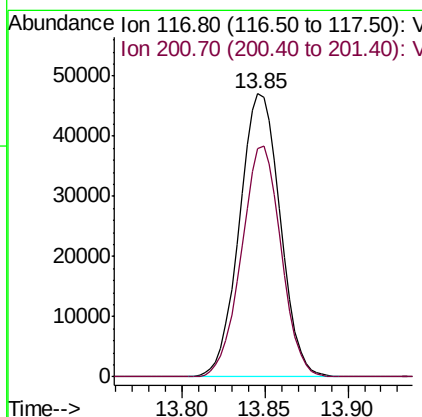
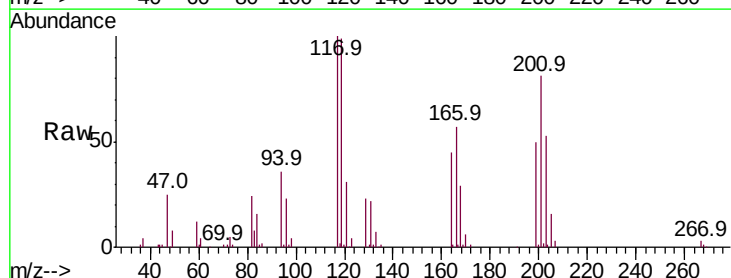
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

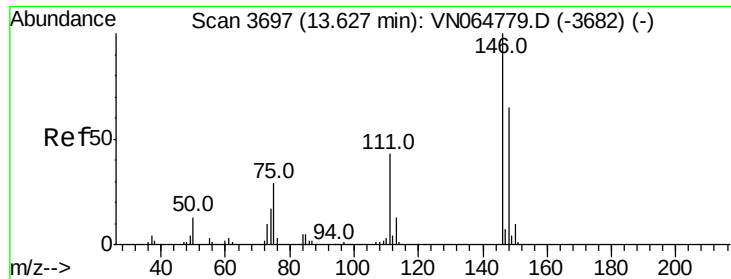
Tot Ion: 91 Resp: 381633
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 26.2 12.9 38.6



#90
Hexachloroethane
Concen: 59.606 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 117 Resp: 80536
Ion Ratio Lower Upper
117 100
201 79.4 40.1 120.3

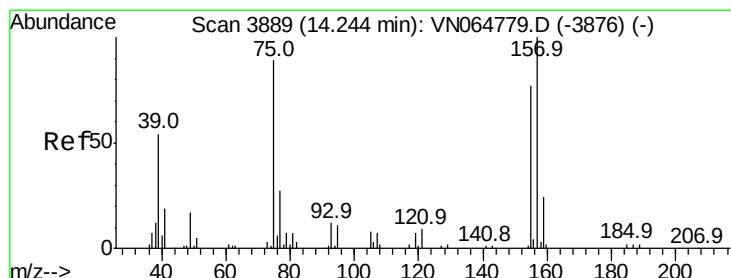
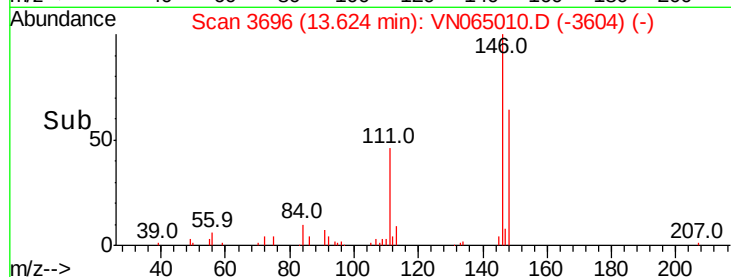
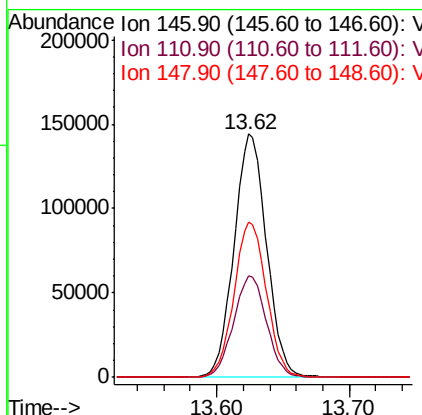
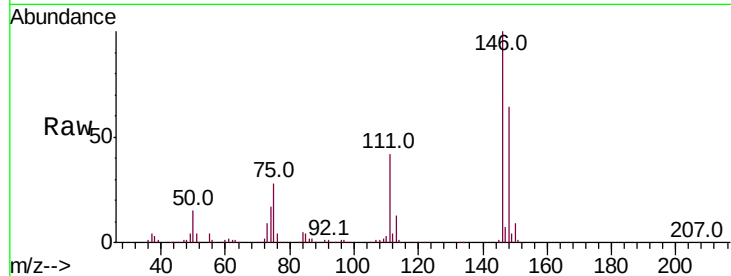




#91
 1,2-Dichlorobenzene
 Concen: 56.462 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

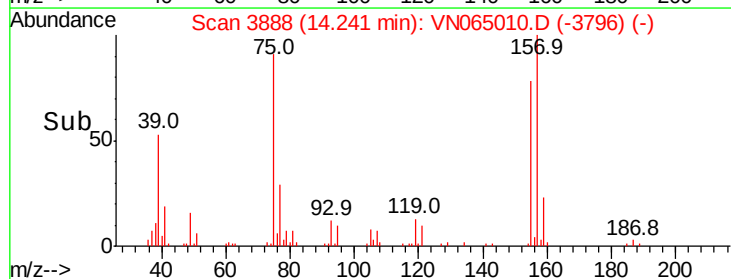
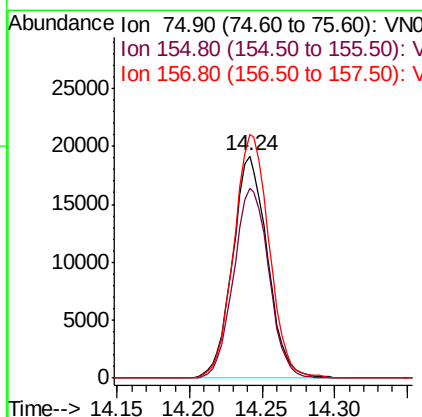
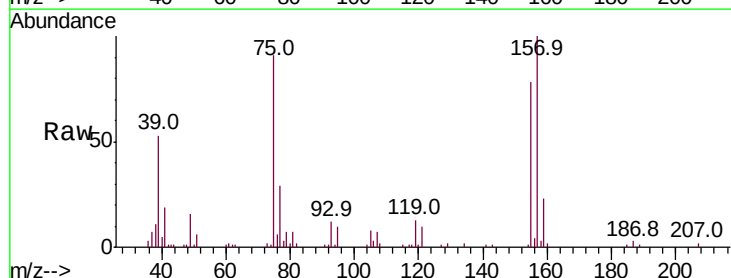
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

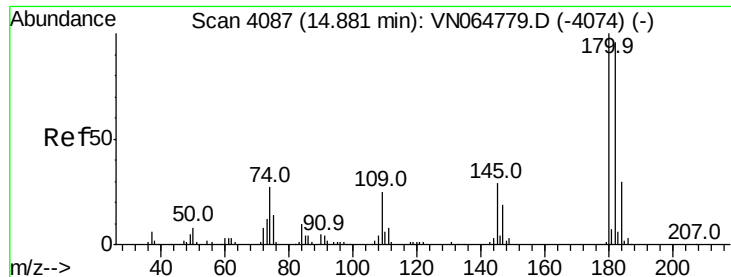
Tot Ion:146 Resp: 245236
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.673 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion: 75 Resp: 32081
 Ion Ratio Lower Upper
 75 100
 155 86.0 42.8 128.3
 157 110.7 56.4 169.1

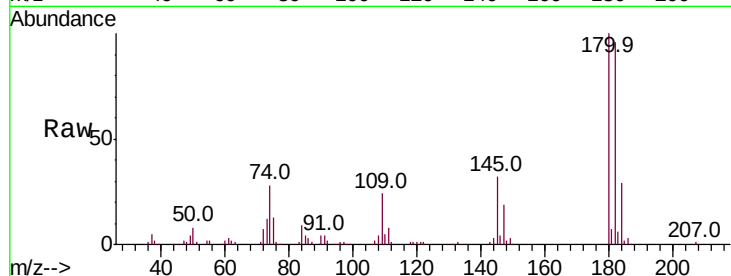




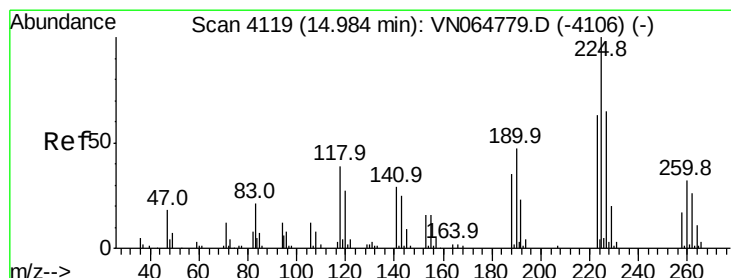
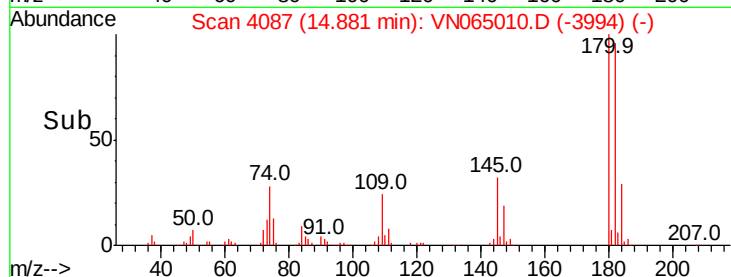
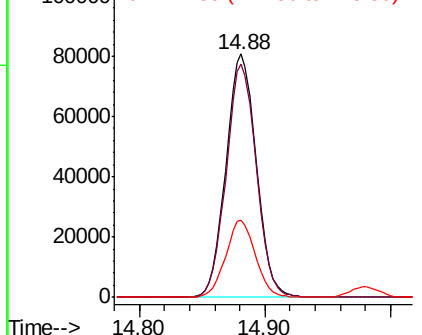
#93
 1,2,4-Trichlorobenzene
 Concen: 50.318 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 135197
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.6 142.9
 145 30.9 15.3 45.8

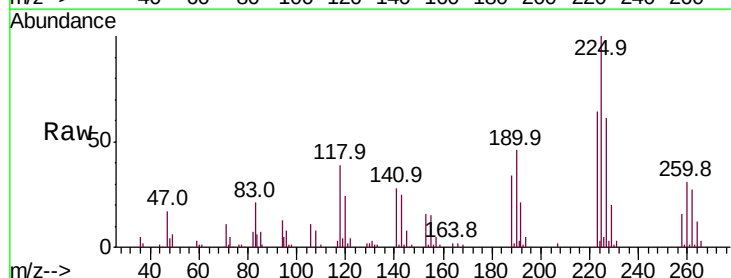


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

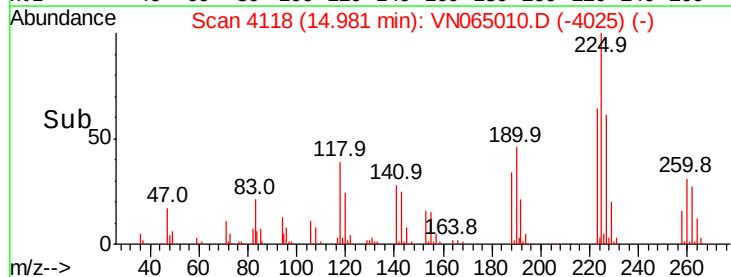
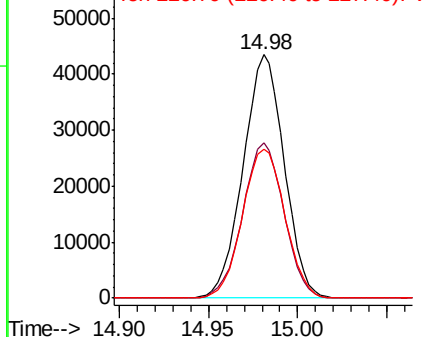


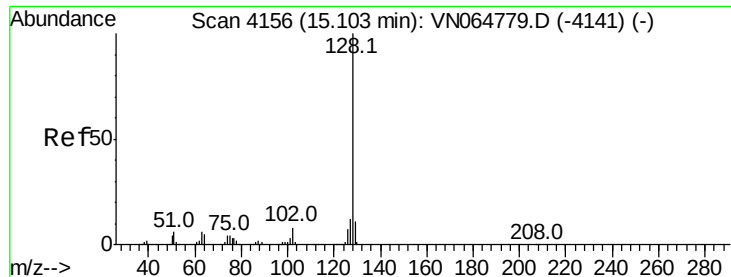
#94
 Hexachlorobutadiene
 Concen: 57.977 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion:225 Resp: 70221
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.0 93.0
 227 63.0 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.520 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

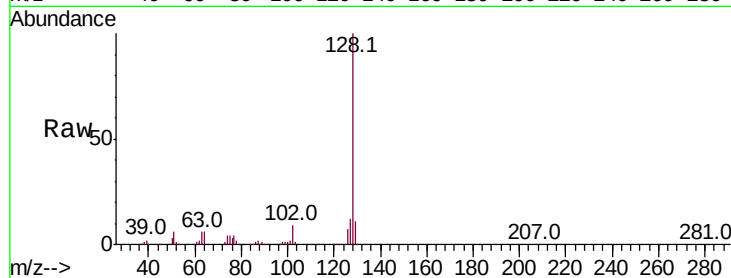
Tot Ion:128 Resp: 398617

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

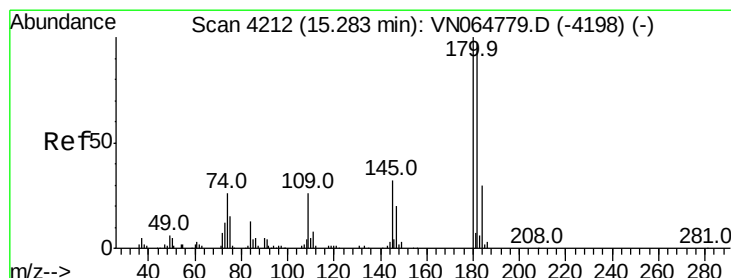
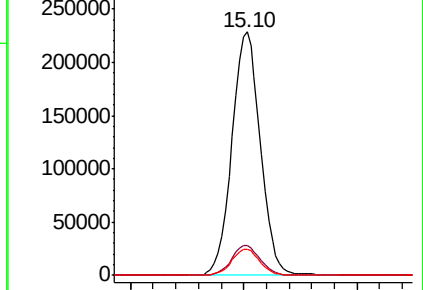
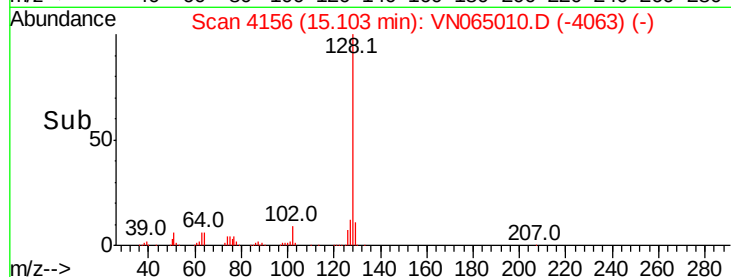
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.858 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

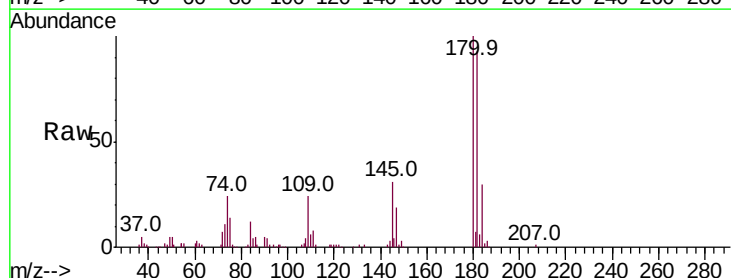
Tgt Ion:180 Resp: 129921

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.4

145 32.0 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

