

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062901.D
 Acq On : 13 Aug 2020 10:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 05:02:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	151162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	232549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	221641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	113209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	116464	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
35) Dibromofluoromethane	7.54	113	78190	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.06	98	300938	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.38	95	117242	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98339	45.431	ug/l	98
3) Chloromethane	2.03	50	85260	41.740	ug/l	97
4) Vinyl Chloride	2.16	62	84949	44.340	ug/l	98
5) Bromomethane	2.50	94	70523	55.607	ug/l	99
6) Chloroethane	2.65	64	70471	55.912	ug/l	97
7) Trichlorofluoromethane	2.97	101	176468	51.655	ug/l	99
8) Diethyl Ether	3.37	74	49441	50.554	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	67246	48.785	ug/l	99
10) Methyl Iodide	3.90	142	80348	48.525	ug/l	98
11) Tert butyl alcohol	4.74	59	89399	218.205	ug/l	99
12) 1,1-Dichloroethene	3.69	96	59180	45.875	ug/l	97
13) Acrolein	3.56	56	73988	298.265	ug/l	99
14) Allyl chloride	4.27	41	108141	40.861	ug/l	98
15) Acrylonitrile	4.92	53	214199	225.411	ug/l	100
16) Acetone	3.77	43	196062	217.062	ug/l	99
17) Carbon Disulfide	4.00	76	152900	41.679	ug/l	100
18) Methyl Acetate	4.27	43	97661	45.615	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	282993	48.321	ug/l	97
20) Methylene Chloride	4.49	84	79116	47.829	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	65099	43.035	ug/l	97
22) Diisopropyl ether	5.90	45	258913	45.956	ug/l	96
23) Vinyl Acetate	5.84	43	914594	213.428	ug/l	97
24) 1,1-Dichloroethane	5.79	63	142452	43.146	ug/l	100
25) 2-Butanone	6.78	43	278123	217.405	ug/l	99
26) 2,2-Dichloropropane	6.77	77	137085	45.044	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	83680	46.114	ug/l	96
28) Bromochloromethane	7.14	49	72098	45.247	ug/l	94
29) Tetrahydrofuran	7.16	42	177579	213.665	ug/l	95
30) Chloroform	7.33	83	159529	45.466	ug/l	95
31) Cyclohexane	7.61	56	128094	42.265	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	142665	45.477	ug/l	98
36) 1,1-Dichloropropene	7.75	75	105226	46.471	ug/l	98
37) Ethyl Acetate	6.88	43	104494	44.177	ug/l	99
38) Carbon Tetrachloride	7.73	117	124918	46.645	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	133126	48.853	ug/l	97
40) Benzene	8.00	78	313103	46.338	ug/l	96
41) Methacrylonitrile	7.12	41	43998	41.222	ug/l #	80
42) 1,2-Dichloroethane	8.08	62	139735	48.589	ug/l	98
43) Isopropyl Acetate	8.12	43	177566	45.007	ug/l #	88
44) Trichloroethene	8.80	130	76836	46.675	ug/l	99
45) 1,2-Dichloropropane	9.08	63	86988	47.567	ug/l	98
46) Dibromomethane	9.17	93	58893	49.150	ug/l	97
47) Bromodichloromethane	9.37	83	134969	50.153	ug/l	98
48) Methyl methacrylate	9.17	41	88876	45.799	ug/l	98
49) 1,4-Dioxane	9.17	88	36844	1024.656	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	587497	230.150	ug/l	98
52) Toluene	10.12	92	201949	48.407	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	148436	50.144	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	150040	50.483	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	86648	48.630	ug/l	98
56) Ethyl methacrylate	10.40	69	136070	50.736	ug/l	98
57) 1,3-Dichloropropane	10.68	76	150748	49.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	163198	215.278	ug/l	99
59) 2-Hexanone	10.72	43	443035	232.668	ug/l	99
60) Dibromochloromethane	10.87	129	105020	51.650	ug/l	99
61) 1,2-Dibromoethane	10.98	107	87833	49.957	ug/l	100
64) Tetrachloroethene	10.60	164	69002	48.251	ug/l	98
65) Chlorobenzene	11.41	112	223657	48.273	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	93618	50.317	ug/l	97
67) Ethyl Benzene	11.48	91	412210	49.718	ug/l	98
68) m/p-Xylenes	11.59	106	310097	103.035	ug/l	96
69) o-Xylene	11.92	106	147289	52.222	ug/l	98
70) Styrene	11.94	104	263457	53.142	ug/l	98
71) Bromoform	12.10	173	74906	49.206	ug/l #	100
73) Isopropylbenzene	12.22	105	414900	48.671	ug/l	99
74) N-amyl acetate	12.05	43	161856	46.853	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	132380	44.114	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	179039	58.641	ug/l #	100
77) Bromobenzene	12.50	156	101780	48.053	ug/l	93
78) n-propylbenzene	12.57	91	489481	48.916	ug/l	100
79) 2-Chlorotoluene	12.65	91	297341	47.384	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	376927	50.967	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	46603	46.597	ug/l	97
82) 4-Chlorotoluene	12.75	91	314568	48.645	ug/l	99
83) tert-Butylbenzene	12.97	119	311084	49.711	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	374370	52.914	ug/l	99
85) sec-Butylbenzene	13.15	105	417204	50.769	ug/l	100
86) p-Isopropyltoluene	13.26	119	384985	52.778	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	184282	48.702	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	184735	48.676	ug/l	99
89) n-Butylbenzene	13.59	91	316211	51.256	ug/l	100
90) Hexachloroethane	13.85	117	69762	44.369	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	177626	50.071	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	29423	45.671	ug/l	96

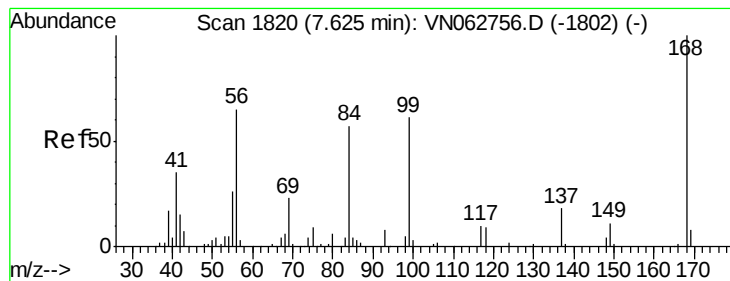
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	90183	47.512	ug/l	98
94) Hexachlorobutadiene	14.98	225	59726	53.602	ug/l	97
95) Naphthalene	15.10	128	231297	44.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	90938	48.514	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

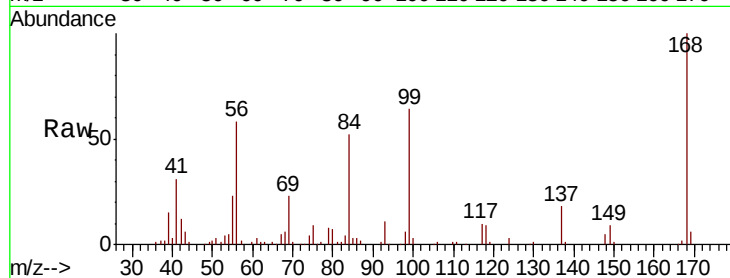
VSTDCCC050

Tot Ion:168 Resp: 151162

Ion Ratio Lower Upper

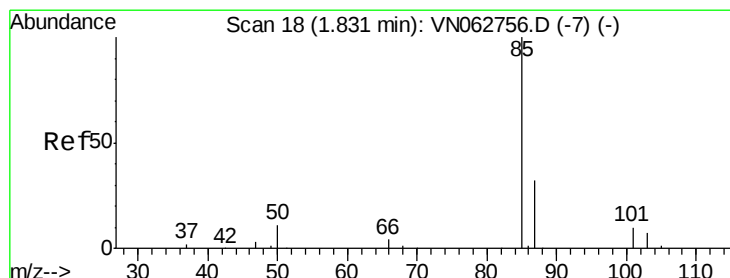
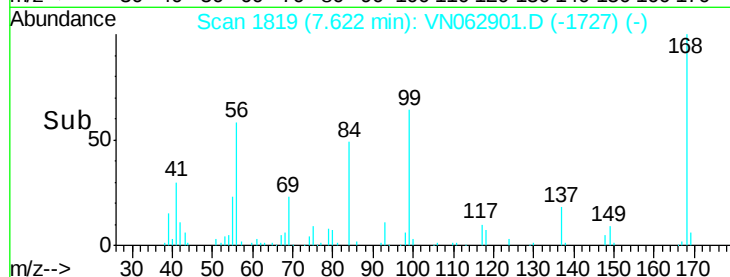
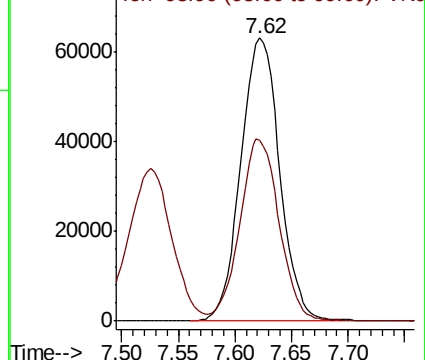
168 100

99 63.5 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 45.431 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062901.D

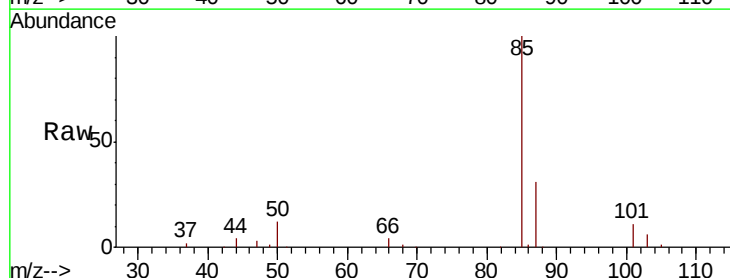
Acq: 13 Aug 2020 10:42

Tgt Ion: 85 Resp: 98339

Ion Ratio Lower Upper

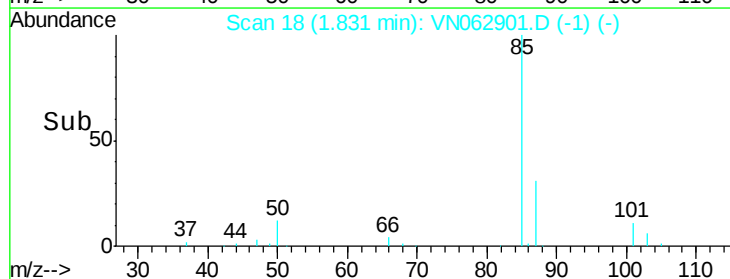
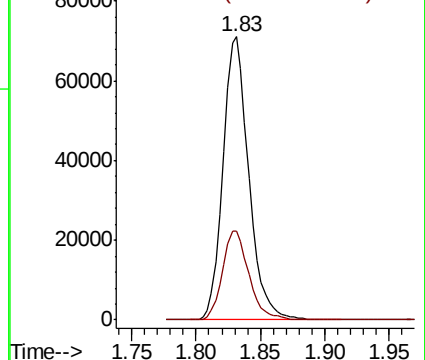
85 100

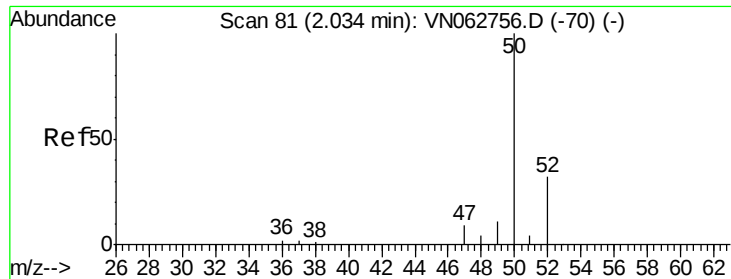
87 31.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

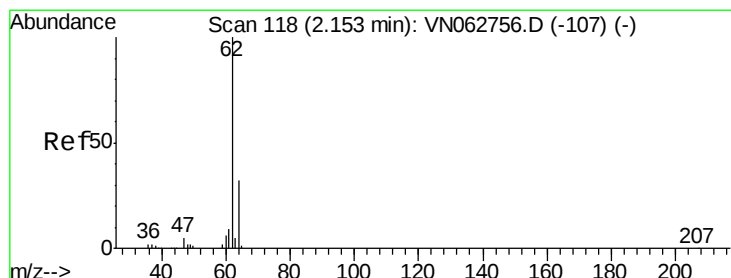
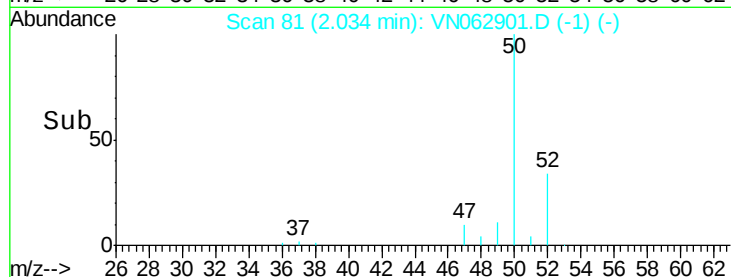
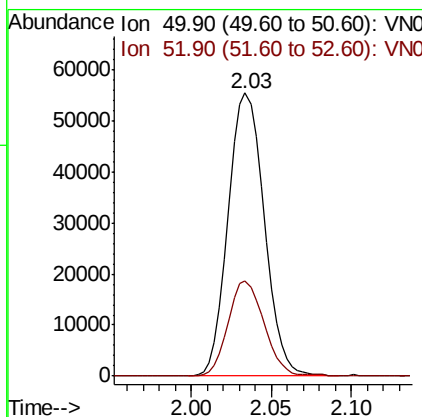
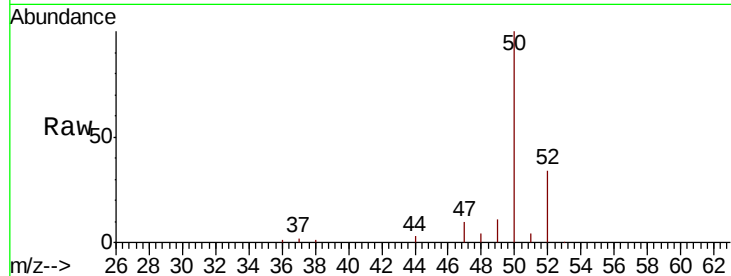




#3
 Chloromethane
 Concen: 41.740 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

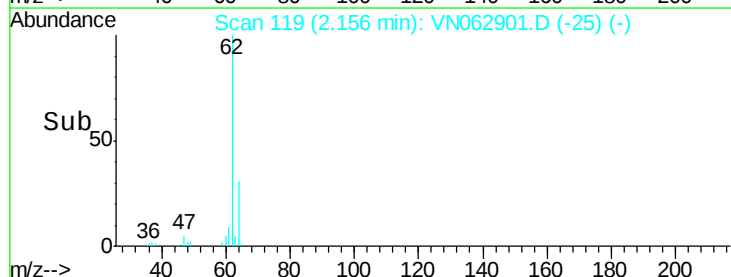
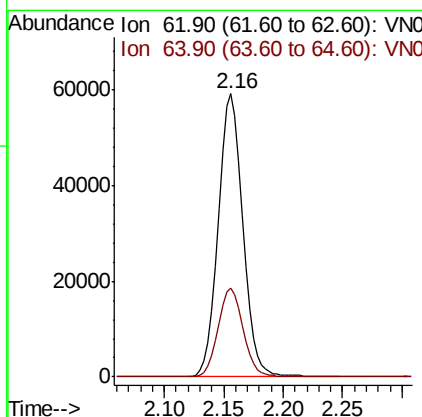
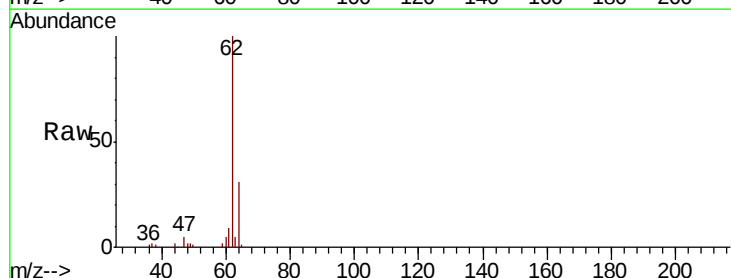
Instrument :
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 ClientSampleId :
 VSTDCCC050

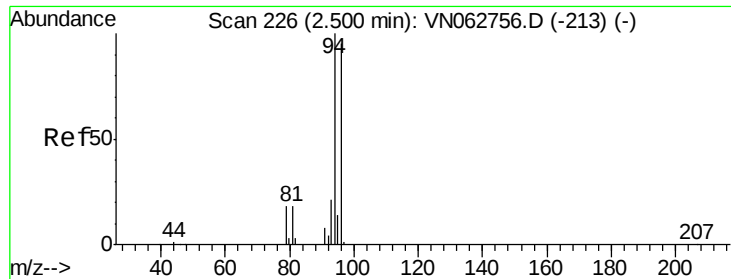
Tot Ion: 50 Resp: 85260
 Ion Ratio Lower Upper
 50 100
 52 33.8 25.6 38.4



#4
 Vinyl Chloride
 Concen: 44.340 ug/l
 RT: 2.16 min Scan# 119
 Delta R.T. 0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion: 62 Resp: 84949
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.8 38.8

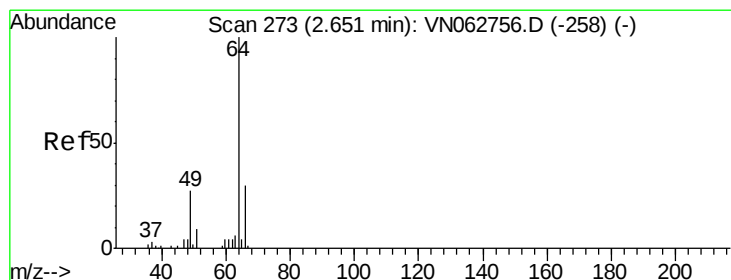
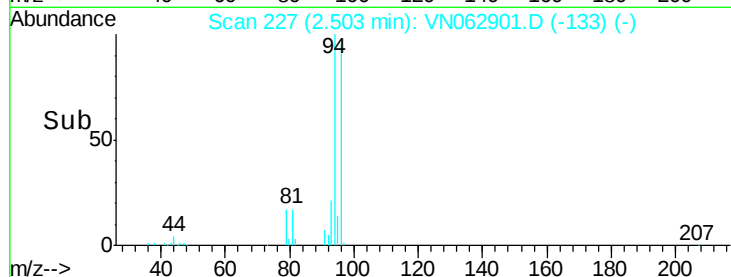
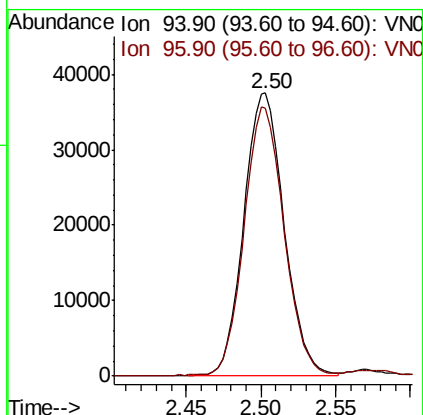
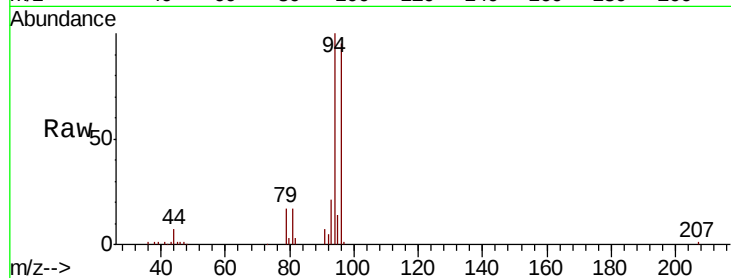




#5
Bromomethane
Concen: 55.607 ug/l
RT: 2.50 min Scan# 227
Delta R.T. 0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

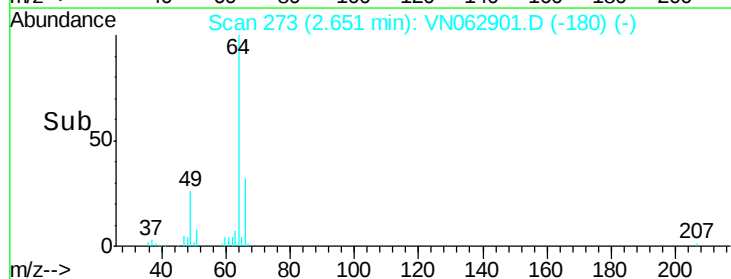
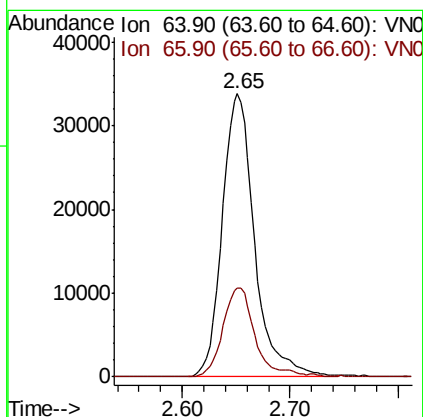
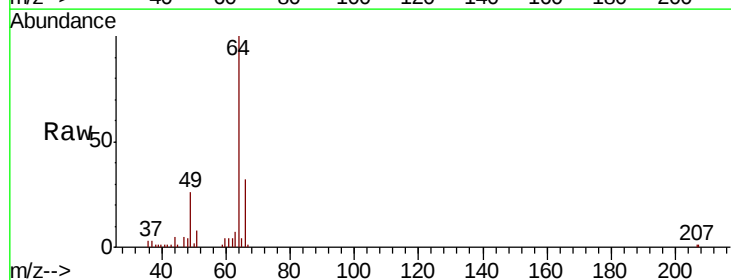
Instrument :
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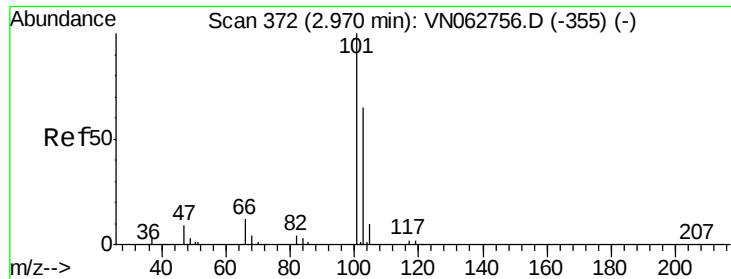
Tot Ion: 94 Resp: 70523
Ion Ratio Lower Upper
94 100
96 94.1 76.2 114.4



#6
Chloroethane
Concen: 55.912 ug/l
RT: 2.65 min Scan# 273
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 64 Resp: 70471
Ion Ratio Lower Upper
64 100
66 31.6 24.0 36.0



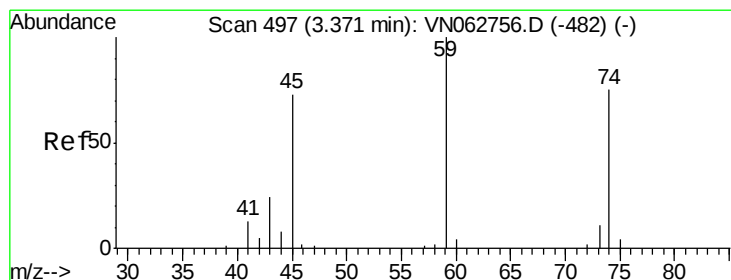
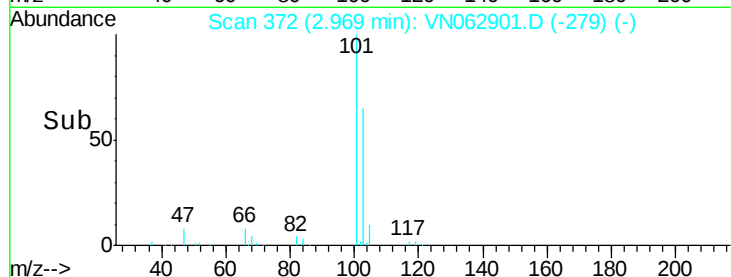
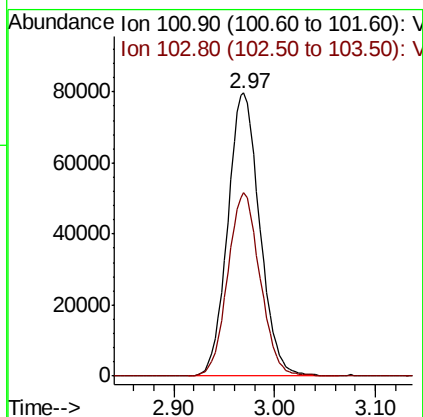
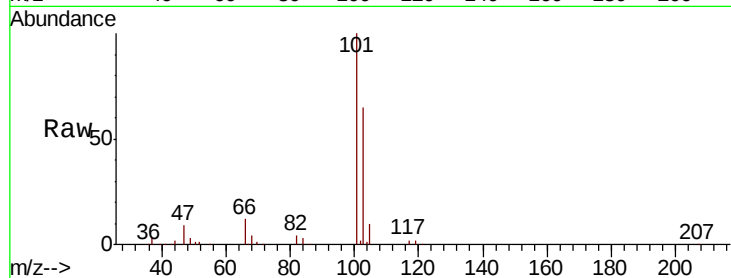


#7

Trichlorofluoromethane
 Concen: 51.655 ug/l
 RT: 2.97 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

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 VSTDCCC050

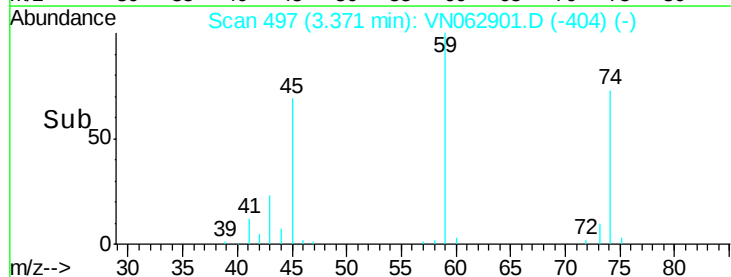
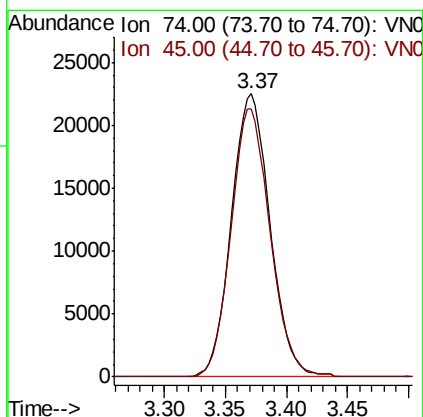
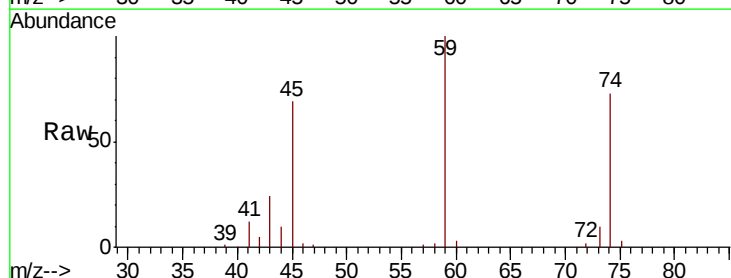
Tot Ion:101 Resp: 176468
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5

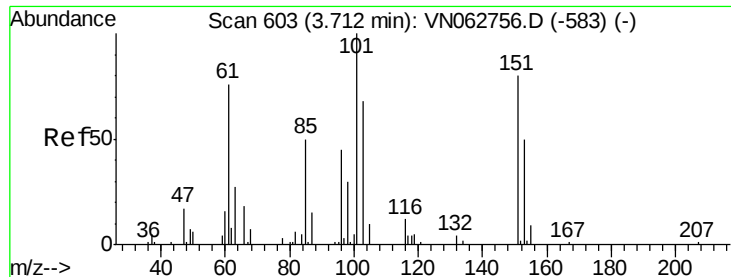


#8

Diethyl Ether
 Concen: 50.554 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion: 74 Resp: 49441
 Ion Ratio Lower Upper
 74 100
 45 95.6 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.785 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

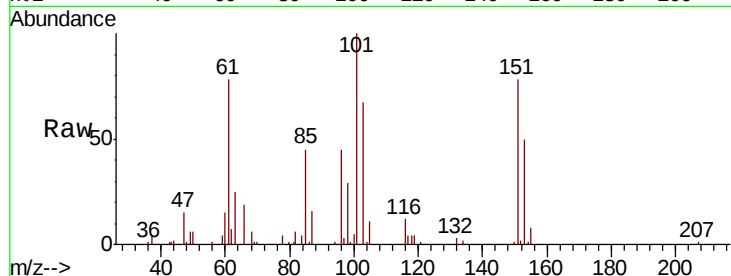
Tot Ion:101 Resp: 67246

Ion Ratio Lower Upper

101 100

85 46.6 38.5 57.7

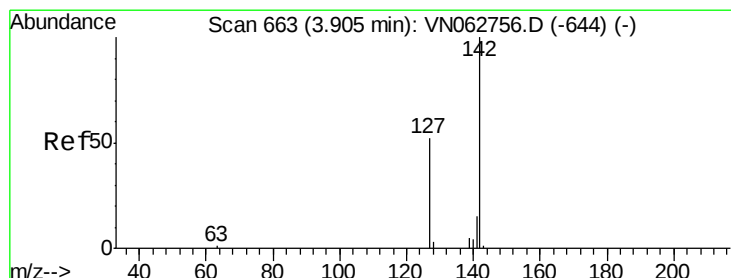
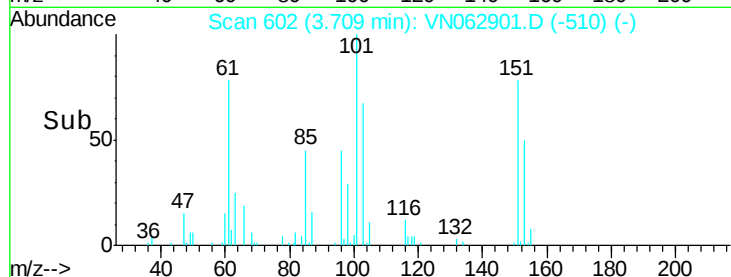
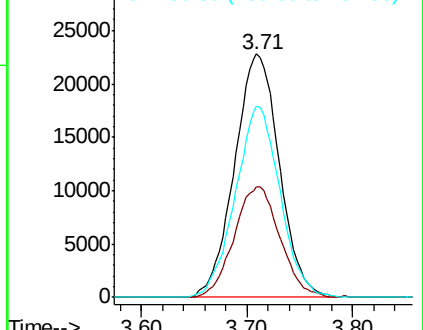
151 78.3 63.0 94.6



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: 48.525 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

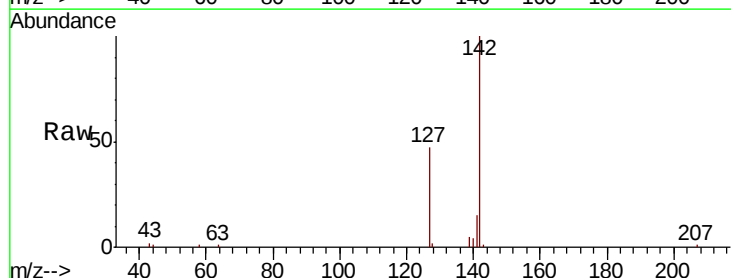
Tgt Ion:142 Resp: 80348

Ion Ratio Lower Upper

142 100

127 50.2 41.4 62.0

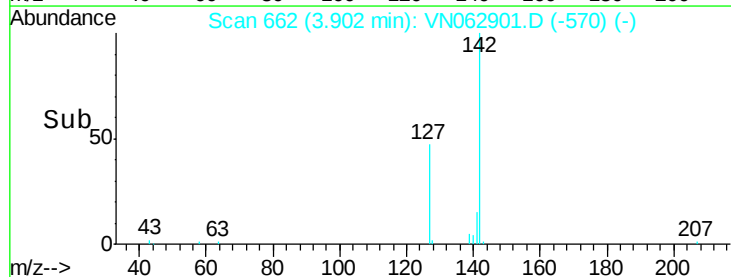
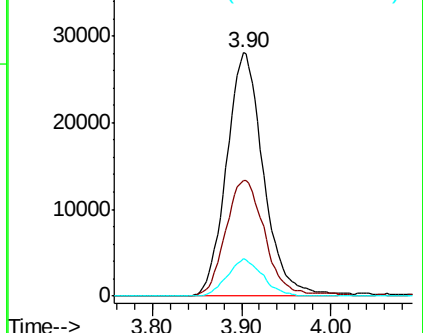
141 14.6 12.2 18.4

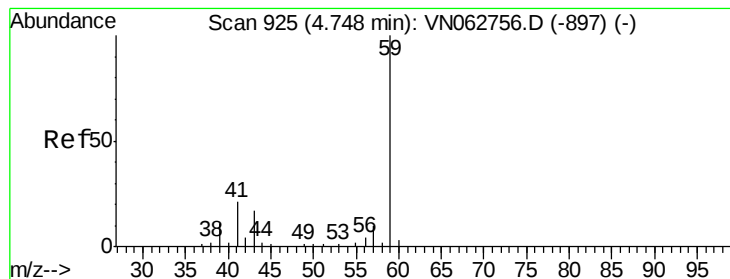


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 218.205 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.01 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

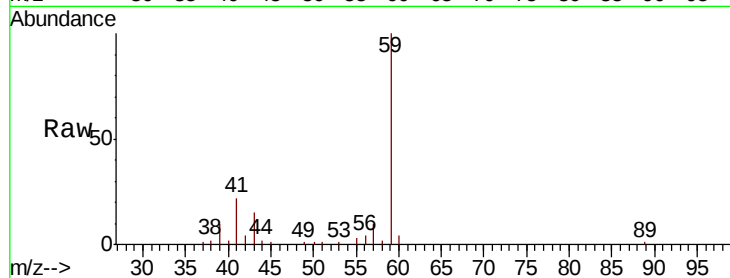
VSTDCCC050

Tot Ion: 59 Resp: 89399

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062756.D (-897) (-)

Ion 57.00 (56.70 to 57.70): VN062756.D (-897) (-)

4.74

25000

20000

15000

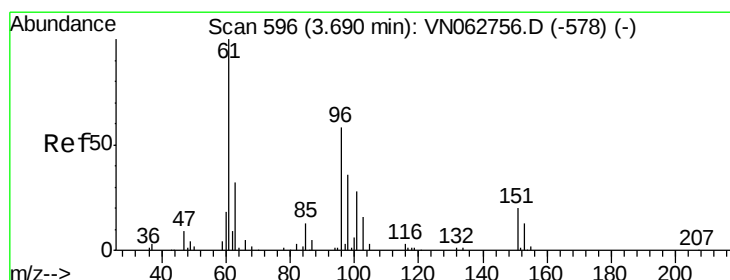
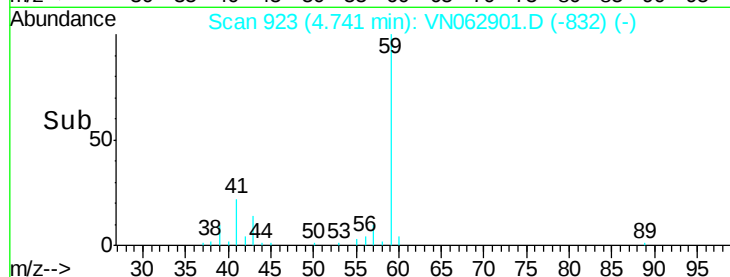
10000

5000

0

Time-->

4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 45.875 ug/l

RT: 3.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

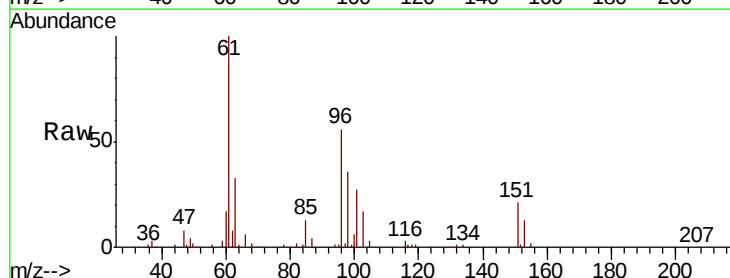
Tgt Ion: 96 Resp: 59180

Ion Ratio Lower Upper

96 100

61 177.8 139.0 208.6

98 64.5 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN062756.D (-578) (-)

Ion 60.90 (60.60 to 61.60): VN062756.D (-578) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-578) (-)

3.69

50000

40000

30000

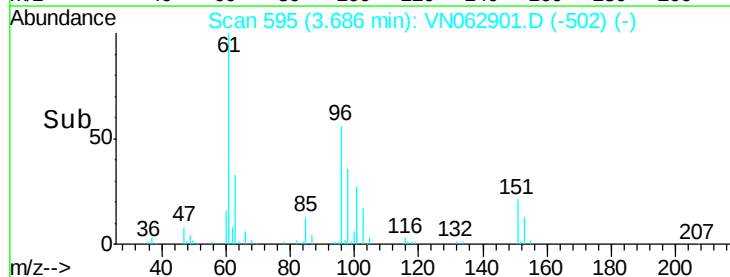
20000

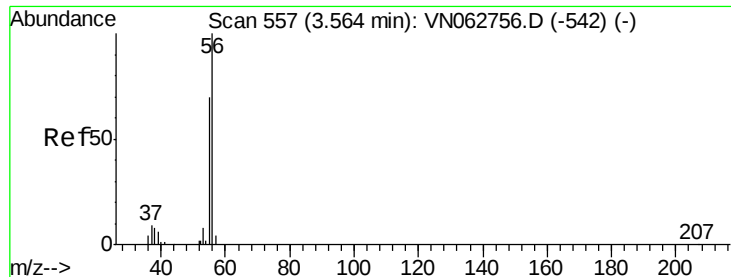
10000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 298.265 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

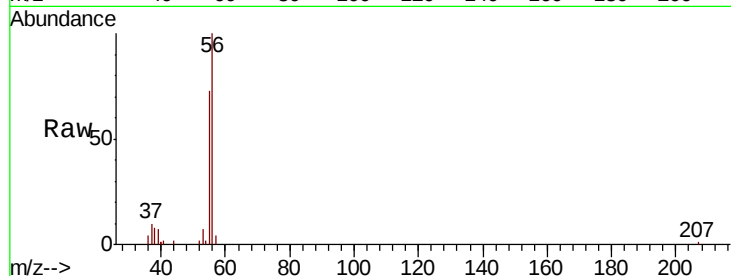
VSTDCCC050

Tot Ion: 56 Resp: 73988

Ion Ratio Lower Upper

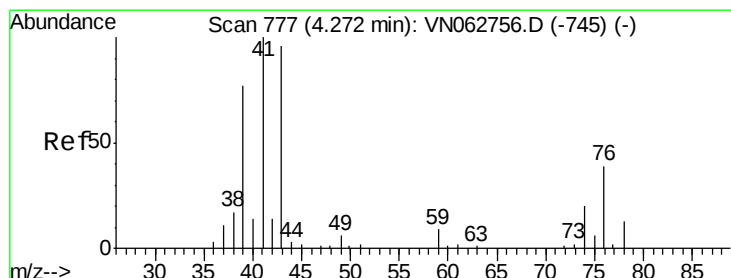
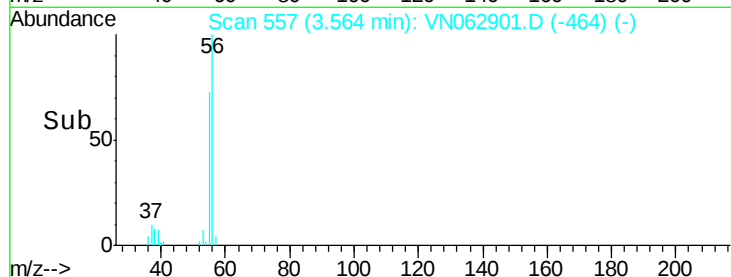
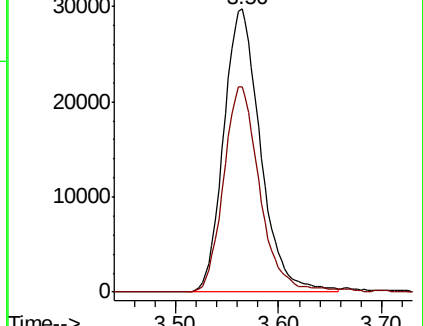
56 100

55 70.6 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN062756.D (-542) (-)

Ion 55.00 (54.70 to 55.70): VN062756.D (-542) (-)



#14

Allyl chloride

Concen: 40.861 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

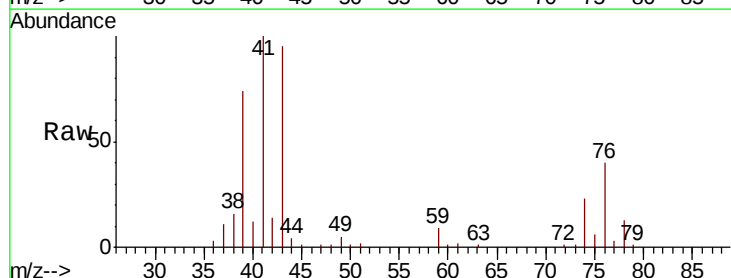
Tgt Ion: 41 Resp: 108141

Ion Ratio Lower Upper

41 100

39 68.6 55.7 83.5

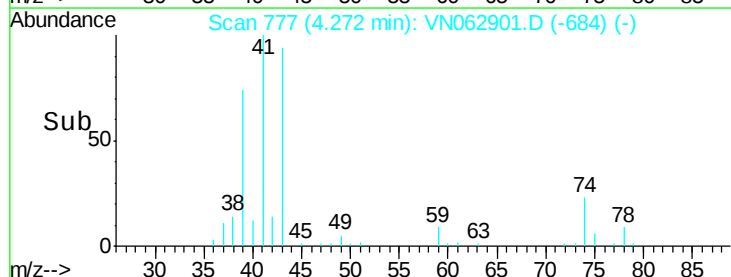
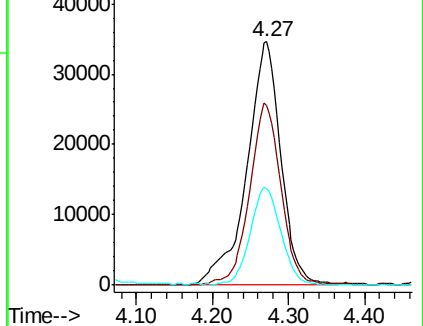
76 36.0 27.5 41.3



Abundance Ion 41.00 (40.70 to 41.70): VN062756.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN062756.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN062756.D (-745) (-)





#15

Acrylonitrile

Concen: 225.411 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

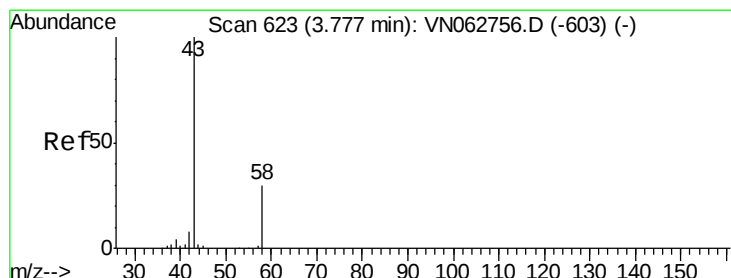
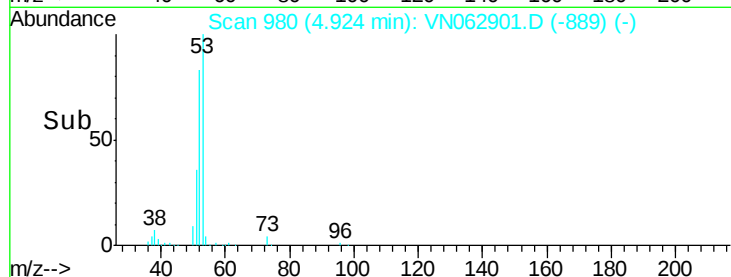
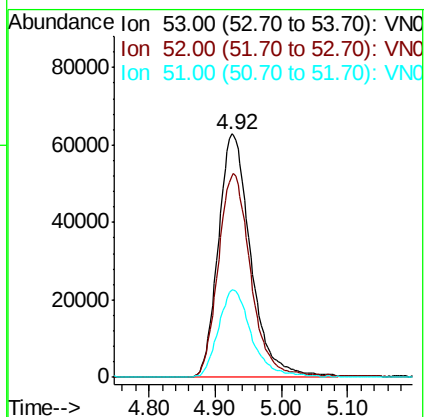
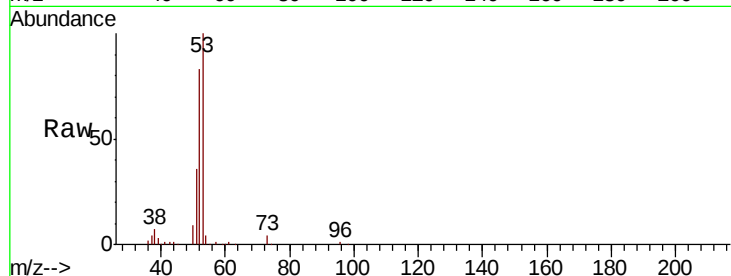
Tot Ion: 53 Resp: 214199

Ion Ratio Lower Upper

53 100

52 83.7 66.8 100.2

51 36.7 29.5 44.3



#16

Acetone

Concen: 217.062 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062901.D

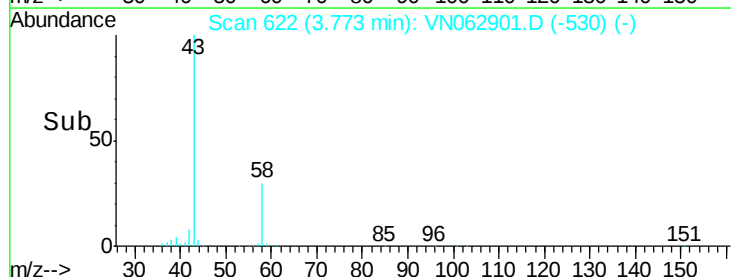
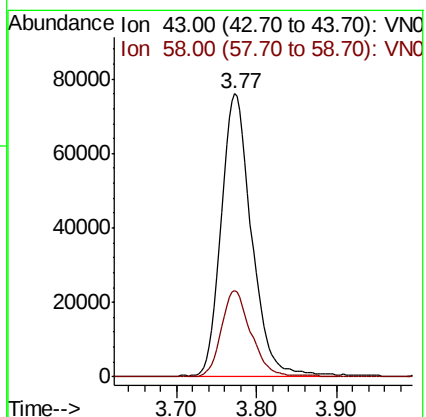
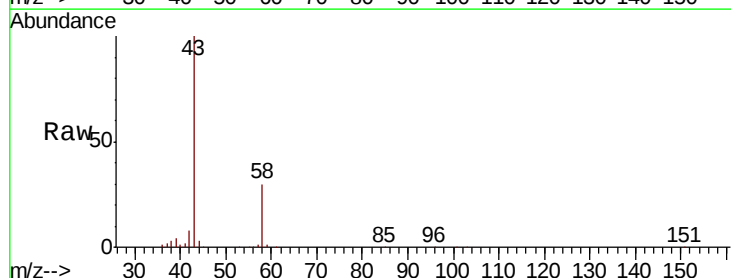
Acq: 13 Aug 2020 10:42

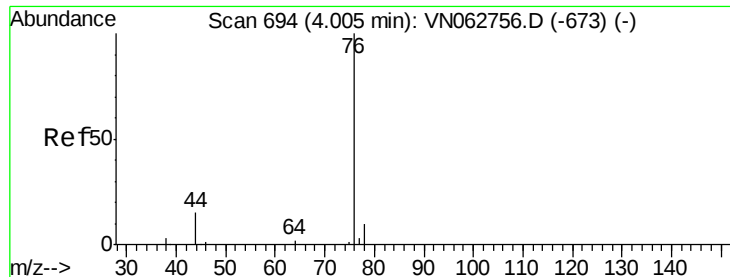
Tgt Ion: 43 Resp: 196062

Ion Ratio Lower Upper

43 100

58 30.6 24.1 36.1

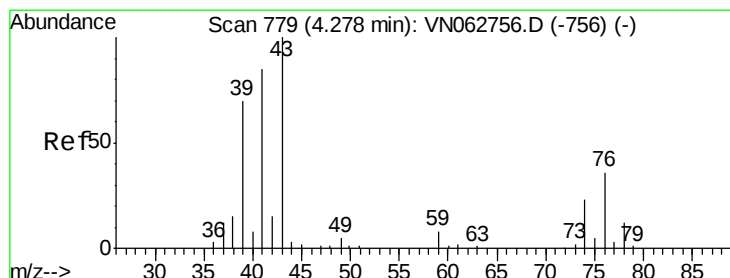
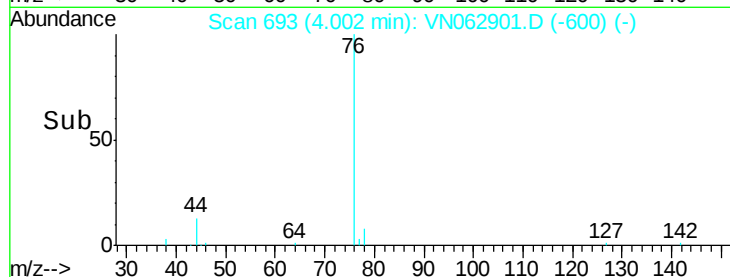
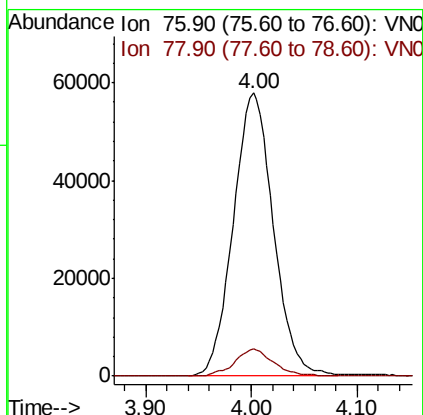
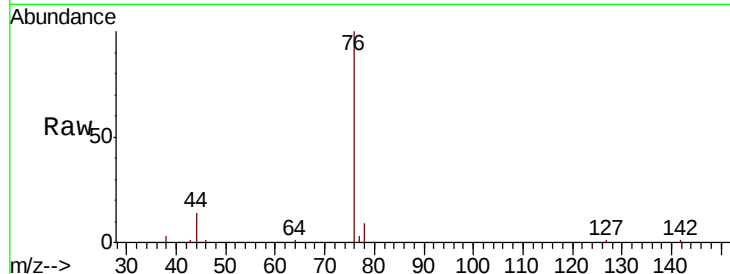




#17
Carbon Disulfide
Concen: 41.679 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

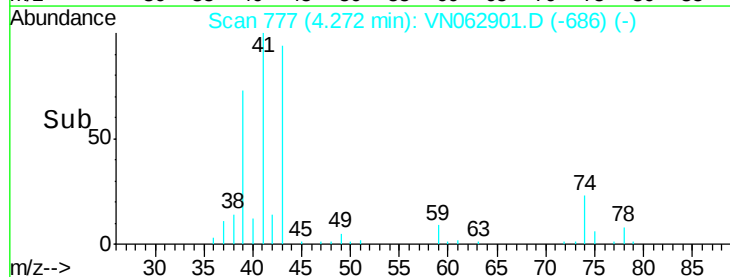
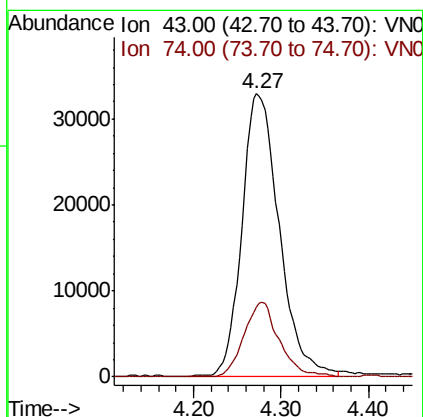
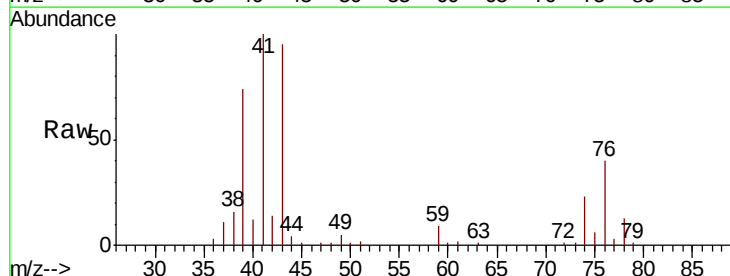
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

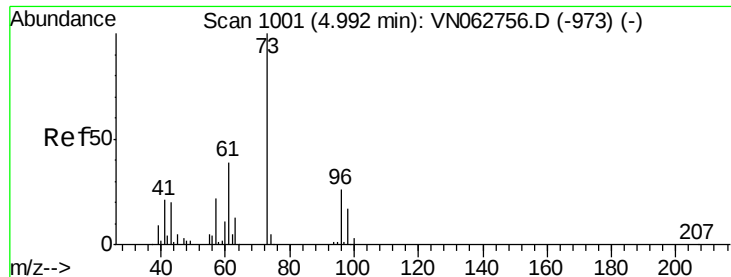
Tot Ion: 76 Resp: 152900
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 45.615 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 43 Resp: 97661
Ion Ratio Lower Upper
43 100
74 24.8 18.6 28.0

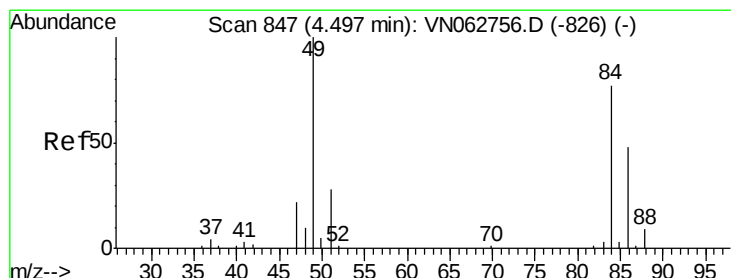
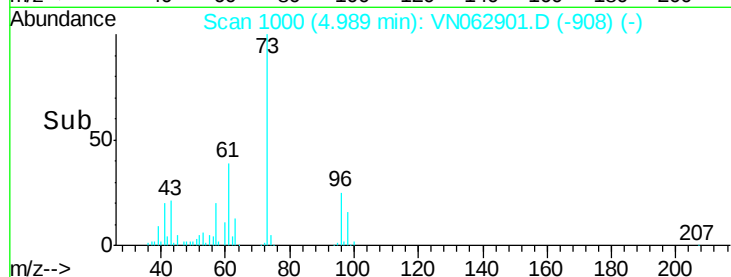
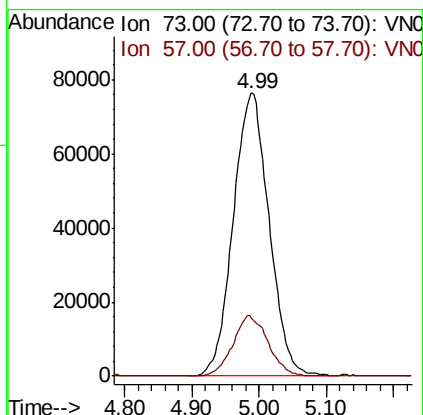
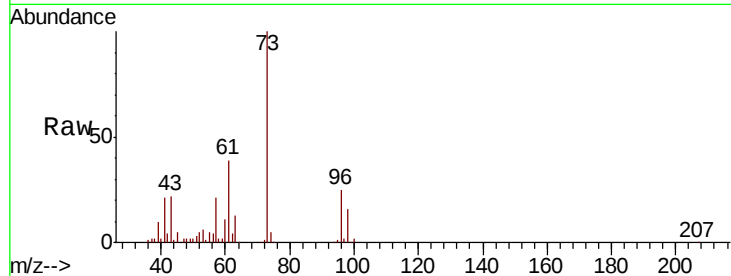




#19
Methyl tert-butyl Ether
Concen: 48.321 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

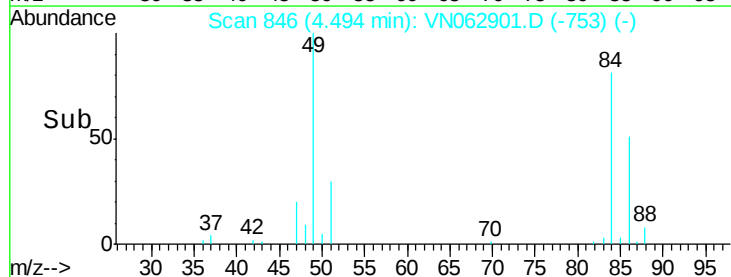
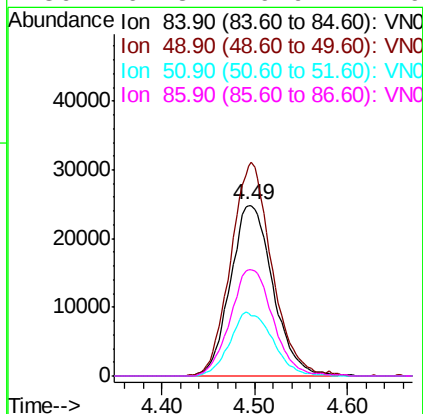
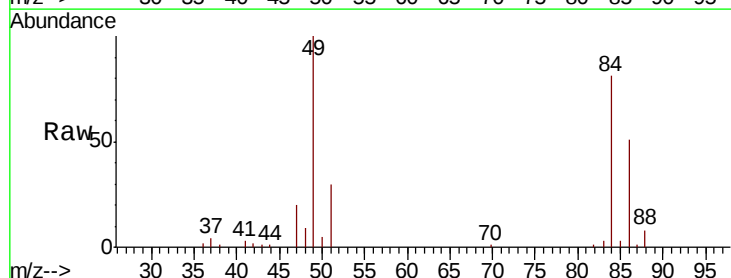
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

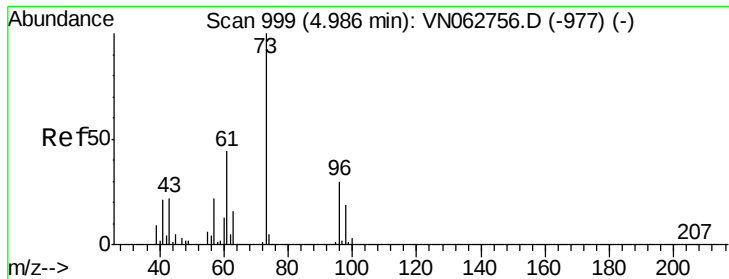
Tot Ion: 73 Resp: 282993
Ion Ratio Lower Upper
73 100
57 20.7 17.5 26.3



#20
Methylene Chloride
Concen: 47.829 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 84 Resp: 79116
Ion Ratio Lower Upper
84 100
49 122.3 103.4 155.2
51 36.8 29.3 43.9
86 62.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 43.035 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

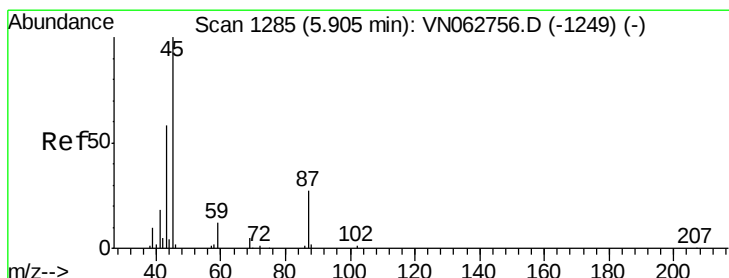
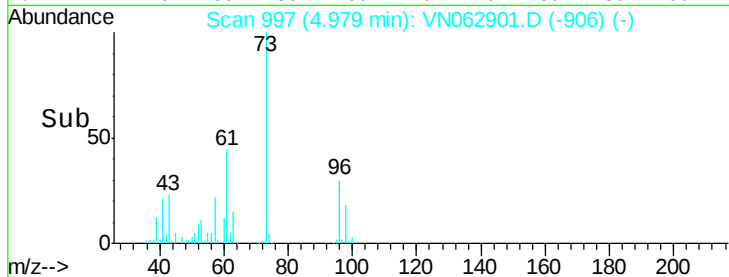
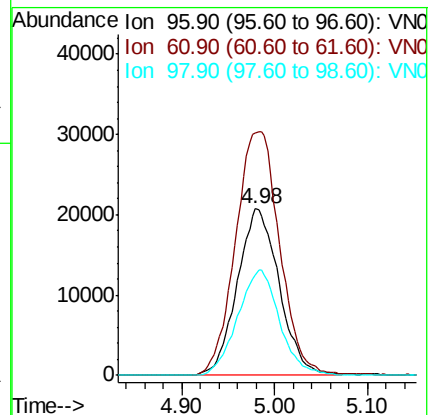
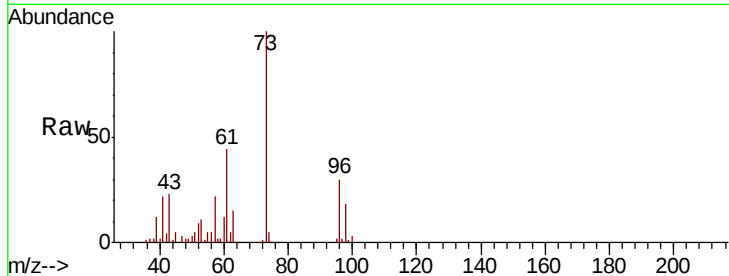
Tot Ion: 96 Resp: 65099

Ion Ratio Lower Upper

96 100

61 145.8 118.8 178.2

98 60.6 51.0 76.4



#22

Diisopropyl ether

Concen: 45.956 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Tgt Ion: 45 Resp: 258913

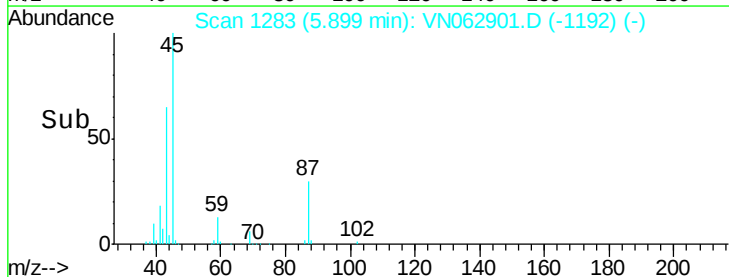
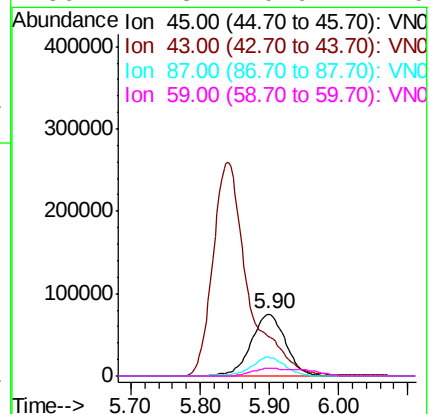
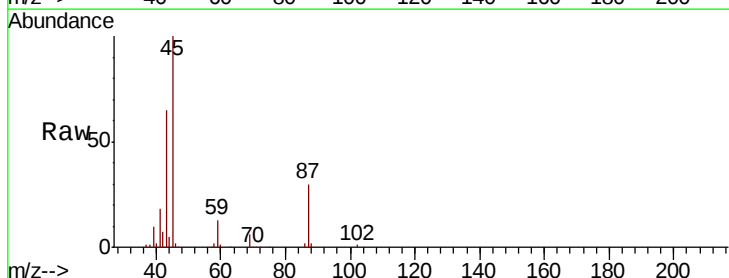
Ion Ratio Lower Upper

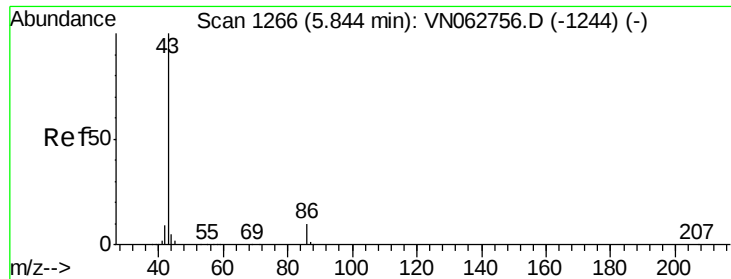
45 100

43 63.1 47.4 71.2

87 30.4 22.8 34.2

59 12.3 9.9 14.9





#23

Vinyl Acetate

Concen: 213.428 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

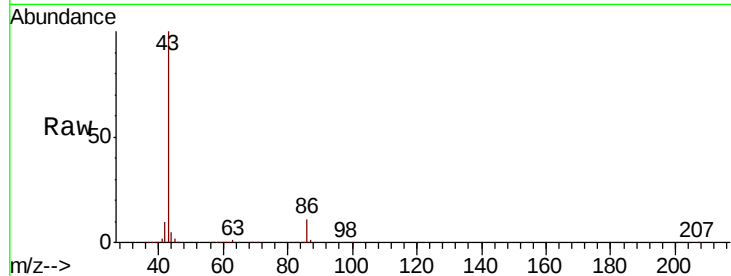
VSTDCCC050

Tot Ion: 43 Resp: 914594

Ion Ratio Lower Upper

43 100

86 10.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1244) (-)

Ion 86.00 (85.70 to 86.70): VN062756.D (-1244) (-)

5.84

250000

200000

150000

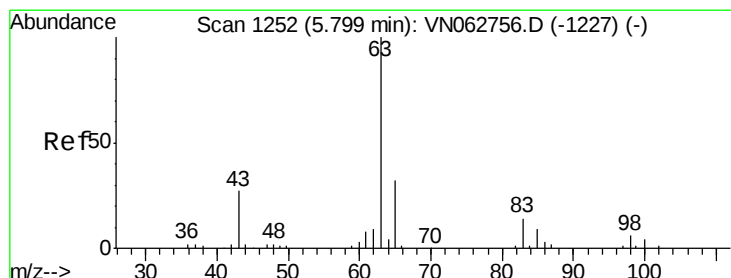
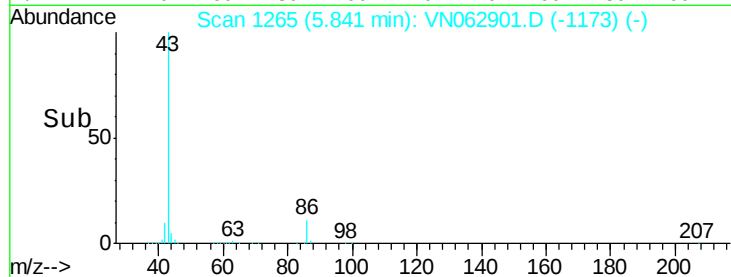
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 43.146 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

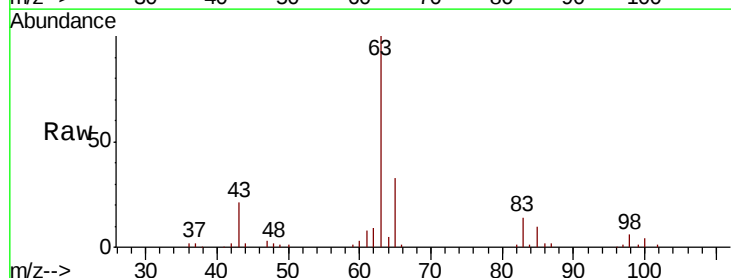
Tgt Ion: 63 Resp: 142452

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN062756.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062756.D (-1227) (-)

5.79

60000

50000

40000

30000

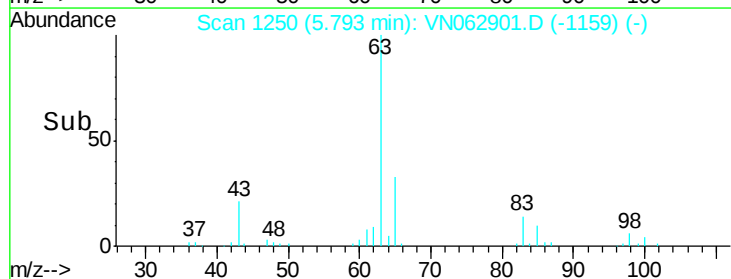
20000

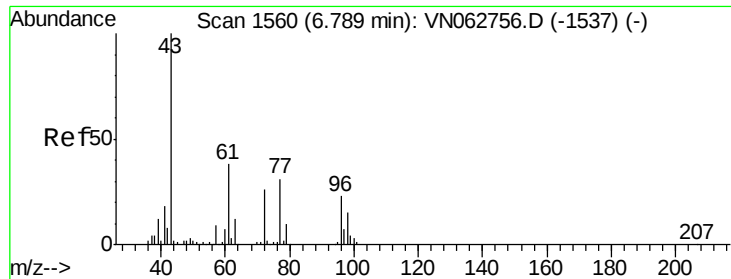
10000

0

5.70 5.80 5.90

Time-->

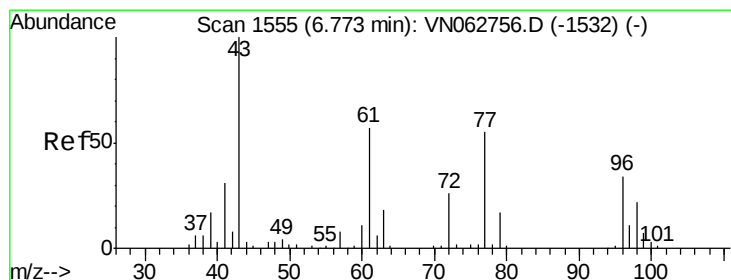
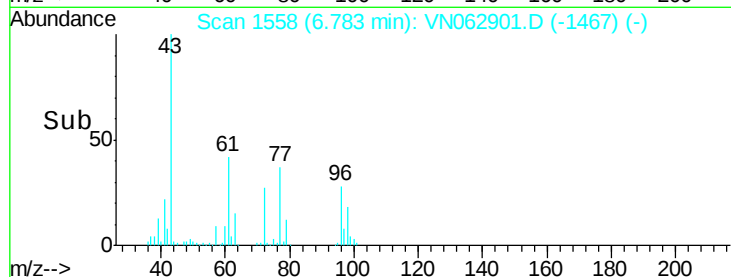
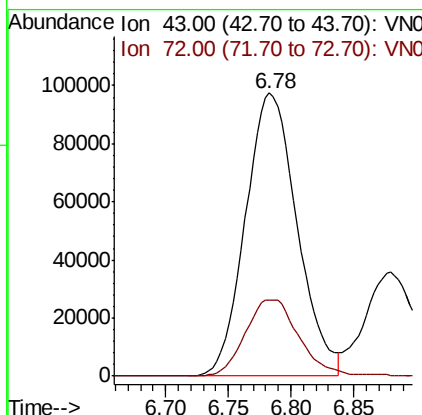
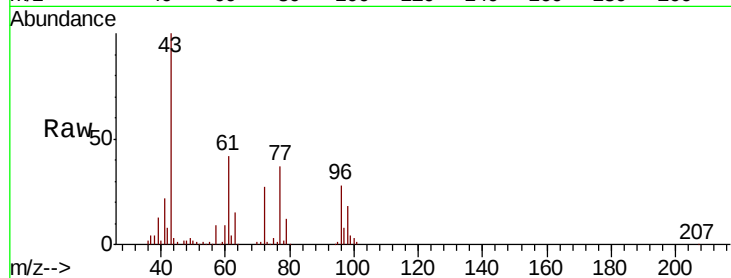




#25
2-Butanone
Concen: 217.405 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.01 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

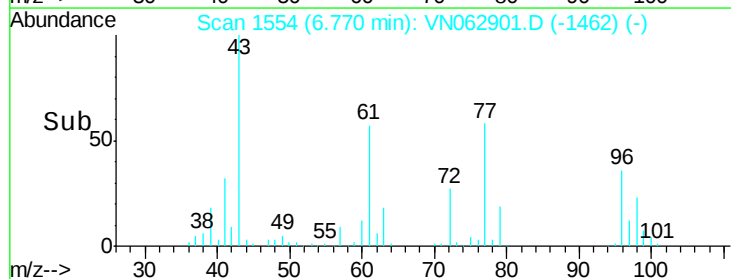
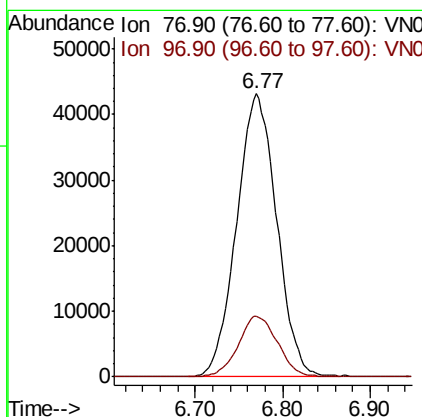
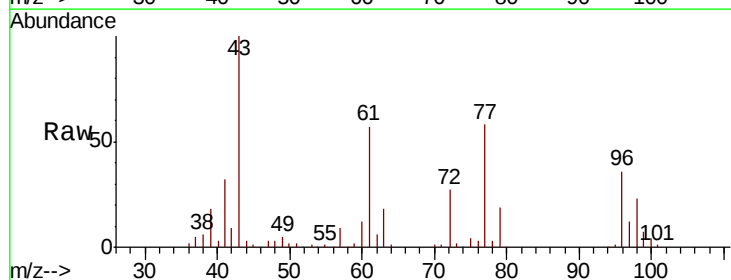
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

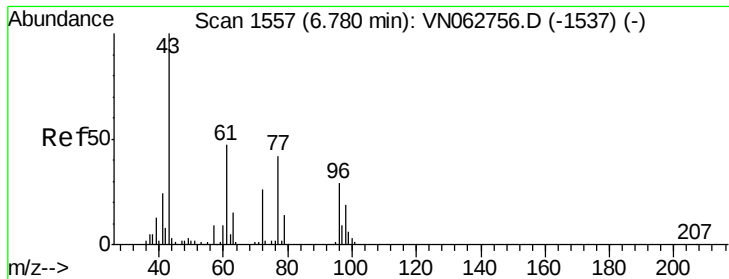
Tot Ion: 43 Resp: 278123
Ion Ratio Lower Upper
43 100
72 26.9 21.1 31.7



#26
2,2-Dichloropropane
Concen: 45.044 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 77 Resp: 137085
Ion Ratio Lower Upper
77 100
97 20.9 10.5 31.6

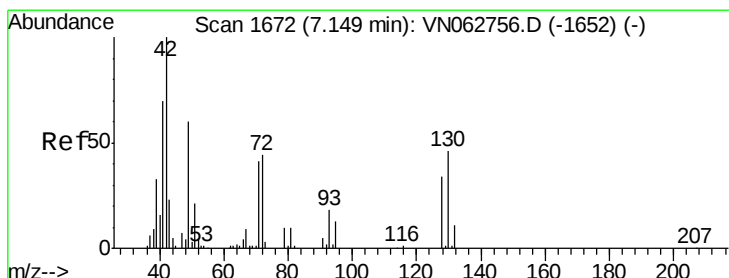
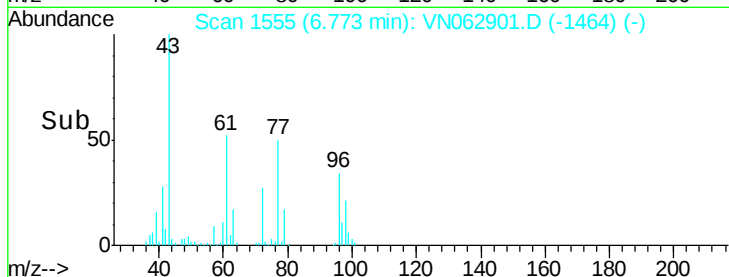
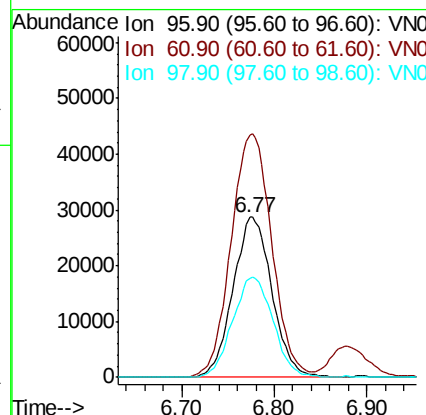
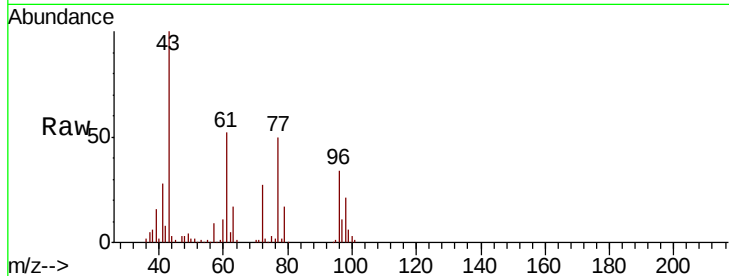




#27
 cis-1,2-Dichloroethene
 Concen: 46.114 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

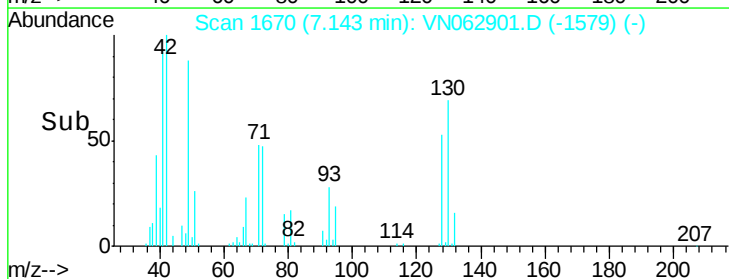
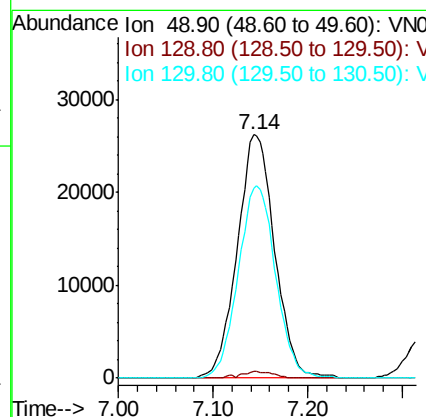
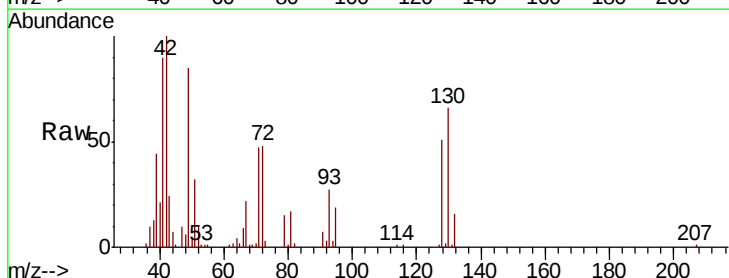
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

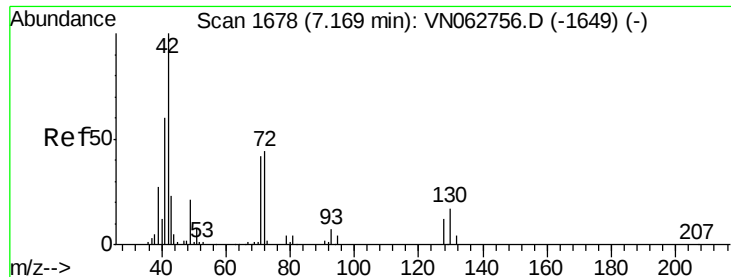
Tot Ion: 96 Resp: 83680
 Ion Ratio Lower Upper
 96 100
 61 158.8 0.0 332.2
 98 64.7 0.0 129.4



#28
 Bromochloromethane
 Concen: 45.247 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion: 49 Resp: 72098
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.2
 130 78.7 59.0 88.6

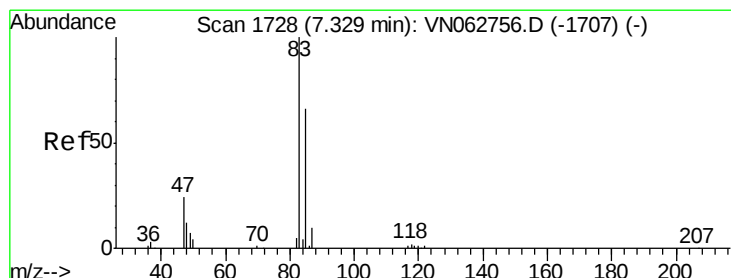
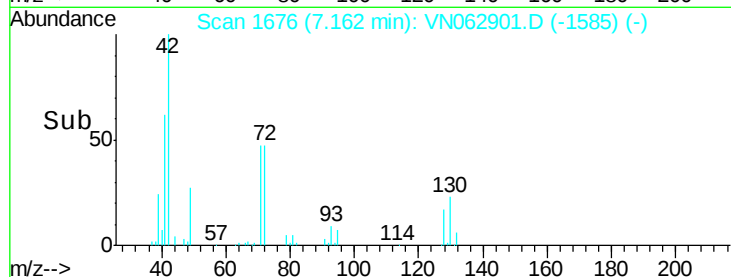
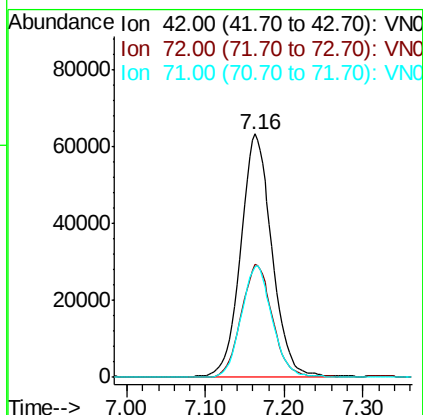
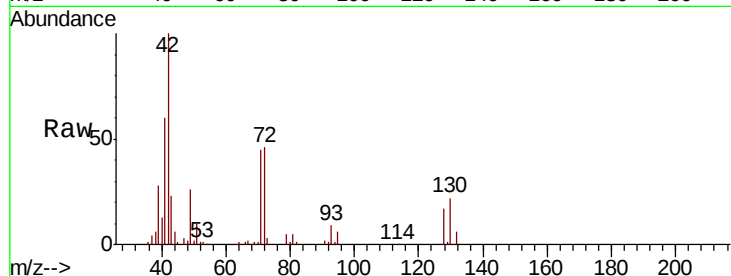




#29
Tetrahydrofuran
Concen: 213.665 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

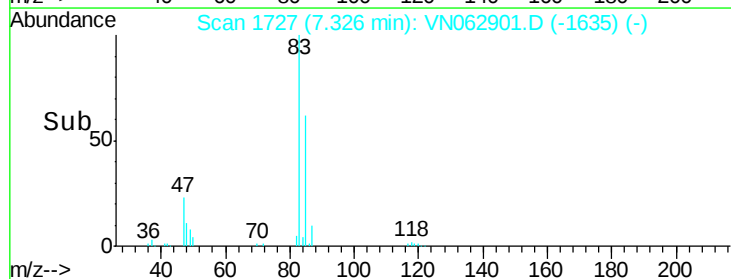
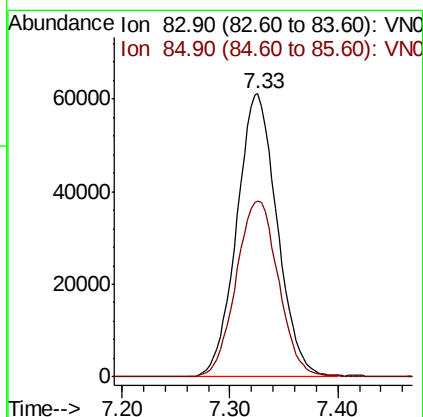
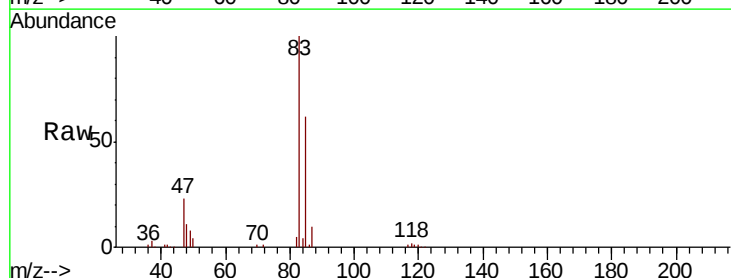
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

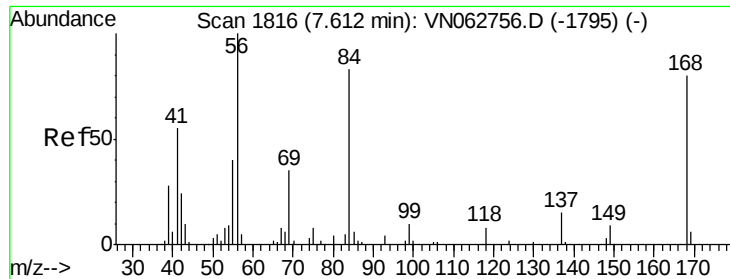
Tot Ion: 42 Resp: 177579
Ion Ratio Lower Upper
42 100
72 46.1 35.0 52.4
71 45.3 33.2 49.8



#30
Chloroform
Concen: 45.466 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 83 Resp: 159529
Ion Ratio Lower Upper
83 100
85 62.2 52.7 79.1

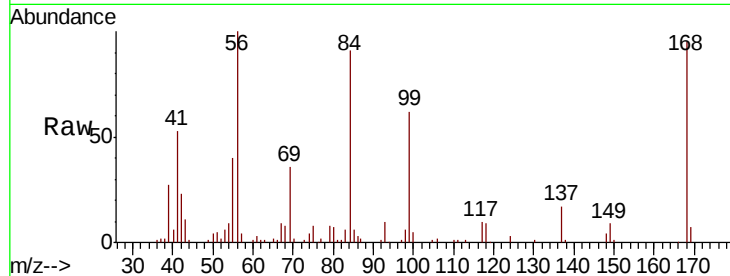




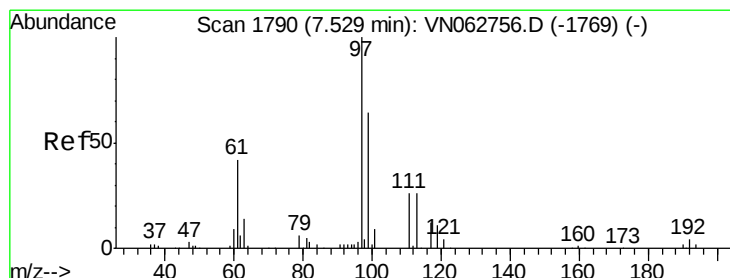
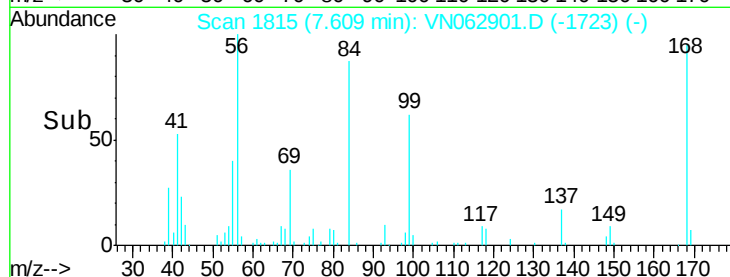
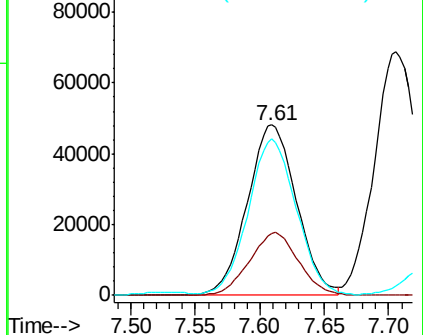
#31
Cyclohexane
Concen: 42.265 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 128094
Ion Ratio Lower Upper
56 100
69 36.4 28.1 42.1
84 90.2 66.8 100.2

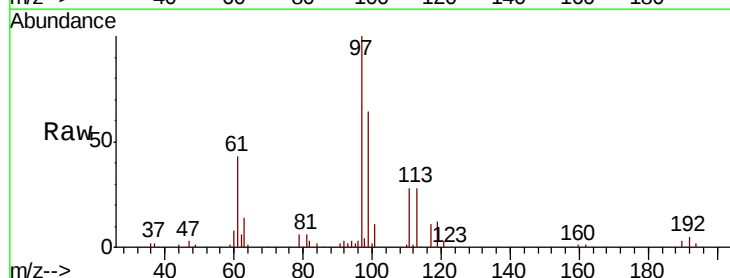


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

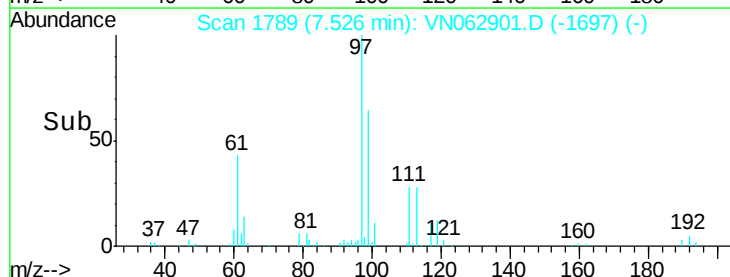
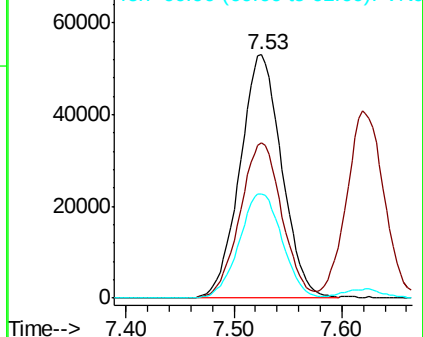


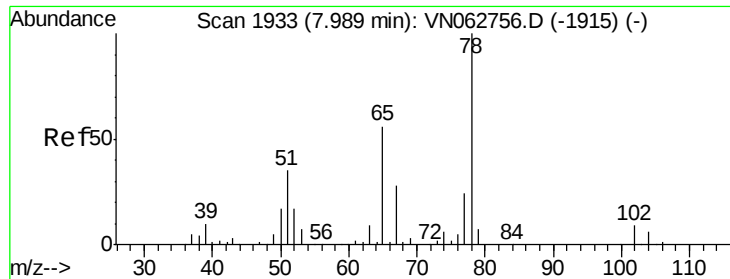
#32
1,1,1-Trichloroethane
Concen: 45.477 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 97 Resp: 142665
Ion Ratio Lower Upper
97 100
99 64.0 50.0 75.0
61 44.1 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.590 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

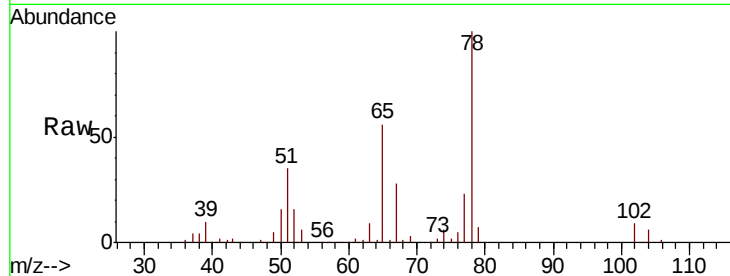
VSTDCCC050

Tot Ion: 65 Resp: 116464

Ion Ratio Lower Upper

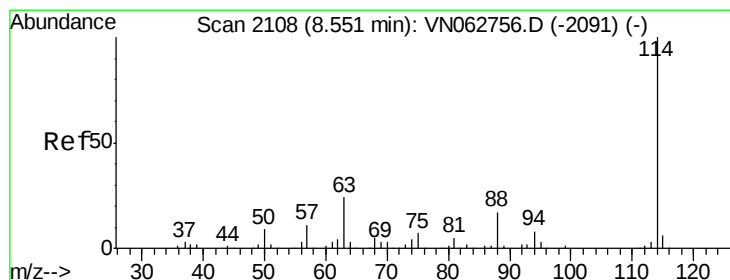
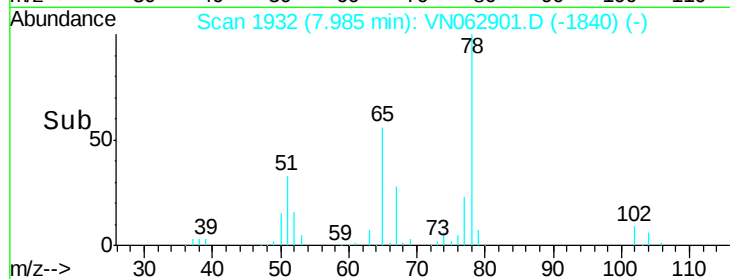
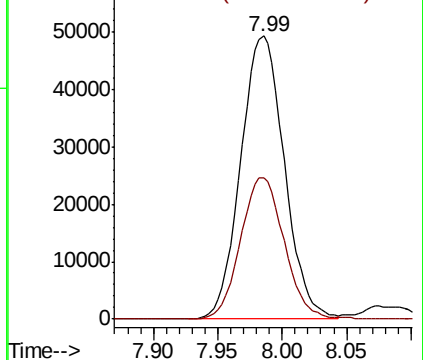
65 100

67 49.7 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062756.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062756.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

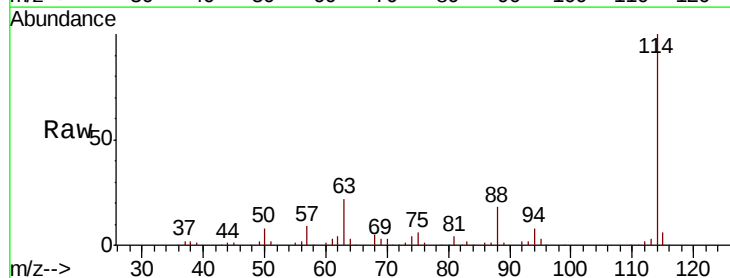
Tgt Ion: 114 Resp: 232549

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.6

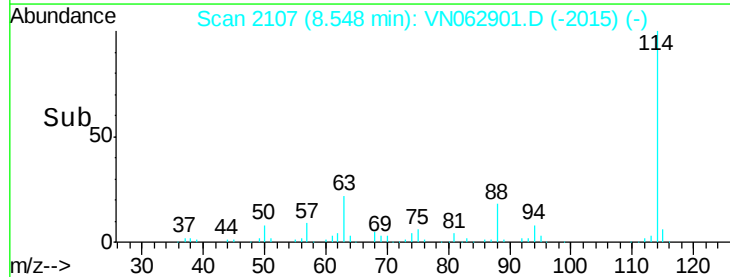
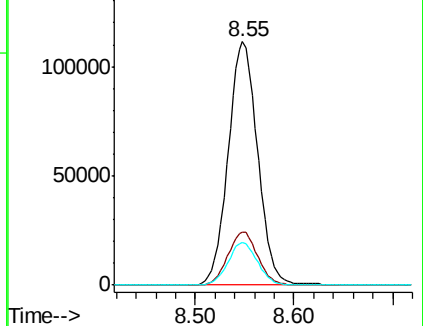
88 17.6 0.0 34.4

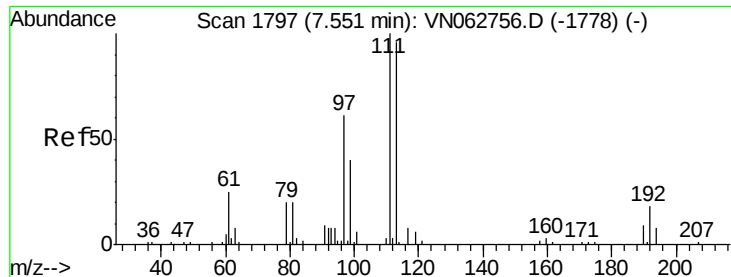


Abundance Ion 113.90 (113.60 to 114.60): VN062756.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062756.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062756.D (-2091) (-)

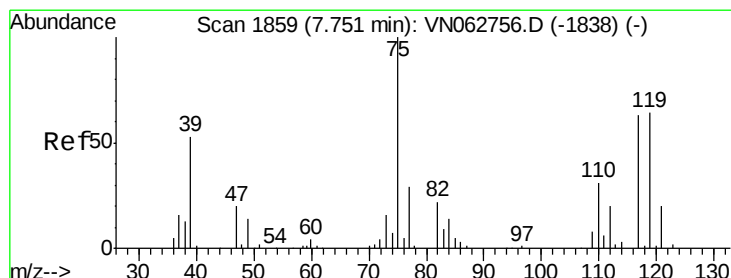
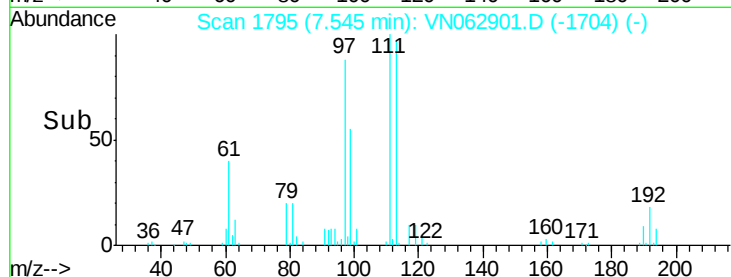
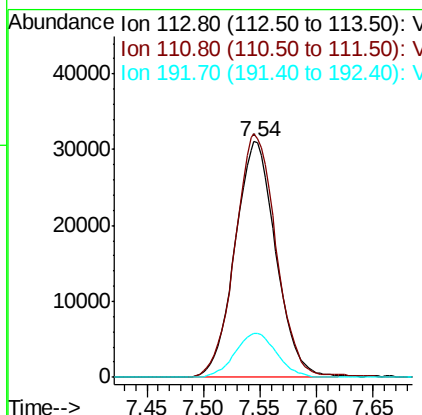
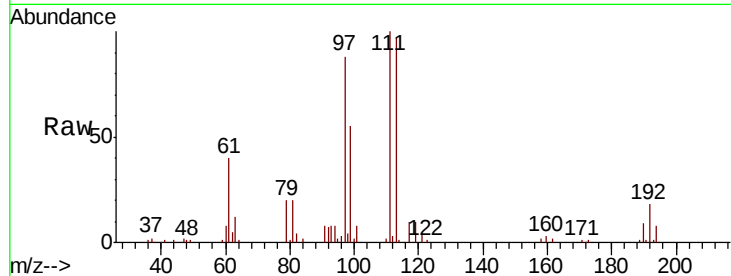




#35
 Dibromofluoromethane
 Concen: 49.152 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

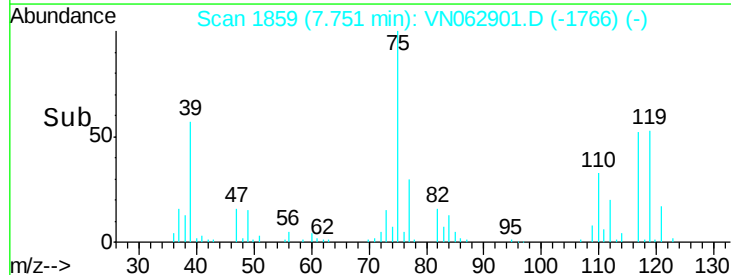
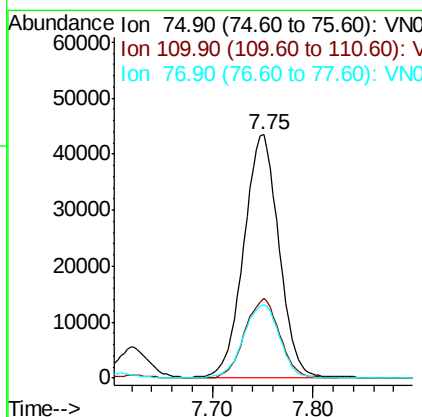
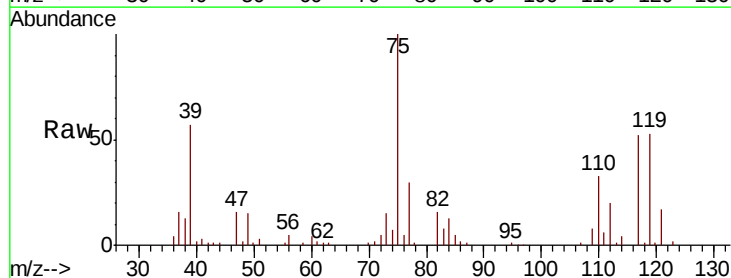
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

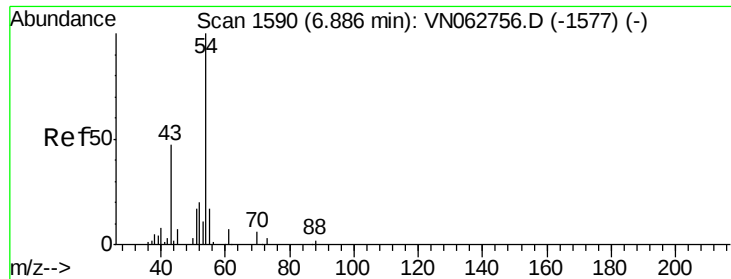
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	18.9	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 46.471 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.4	15.6	46.7
77	31.1	24.1	36.1

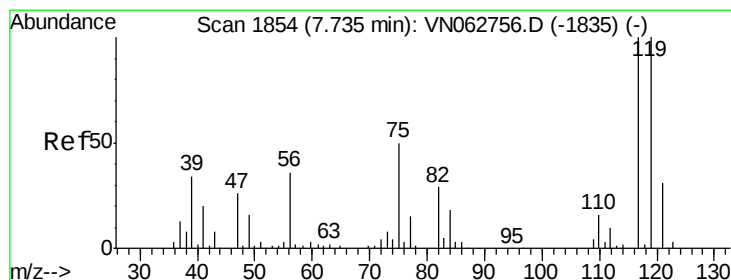
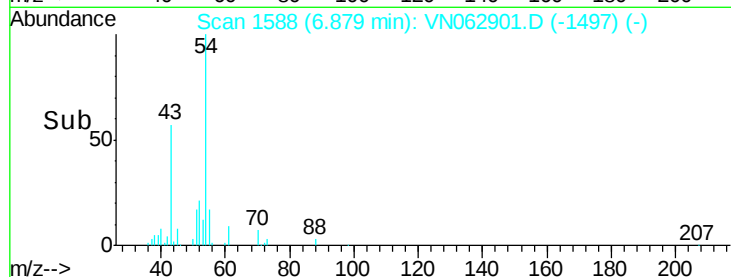
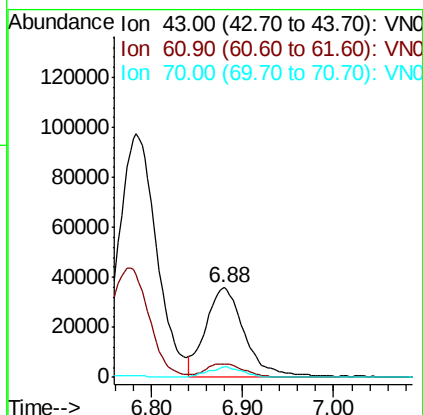
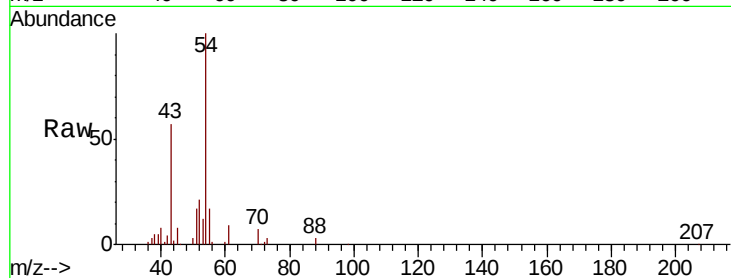




#37
Ethyl Acetate
Concen: 44.177 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

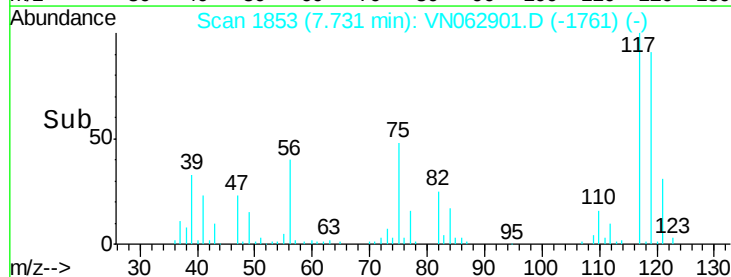
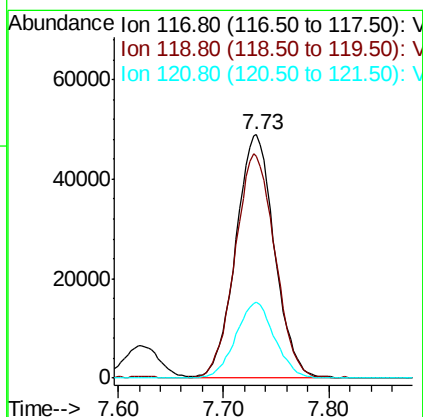
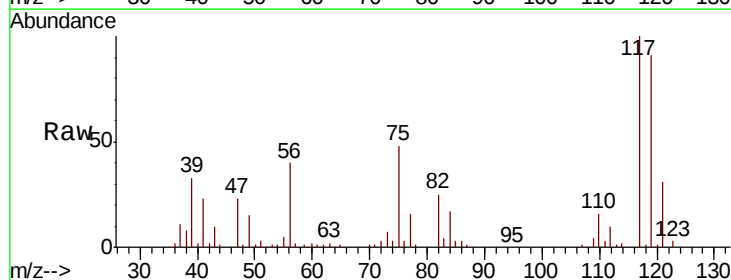
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

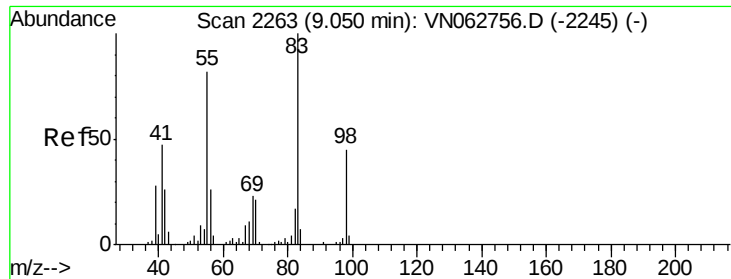
Tot Ion: 43 Resp: 104494
Ion Ratio Lower Upper
43 100
61 15.5 12.1 18.1
70 10.7 8.3 12.5



#38
Carbon Tetrachloride
Concen: 46.645 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 117 Resp: 124918
Ion Ratio Lower Upper
117 100
119 91.2 79.4 119.2
121 31.0 24.9 37.3

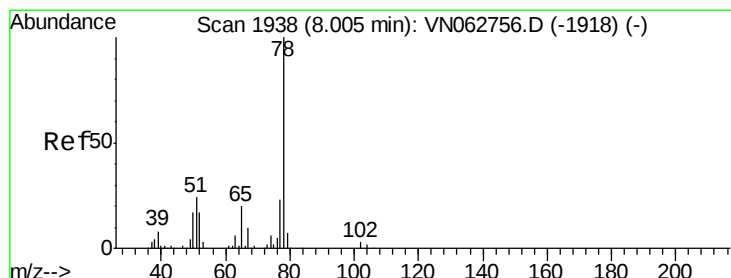
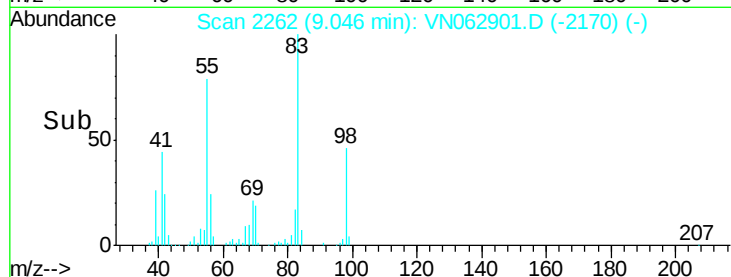
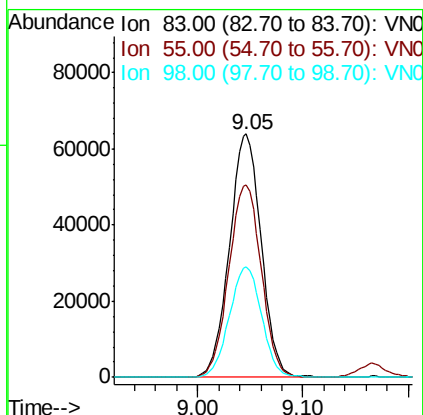
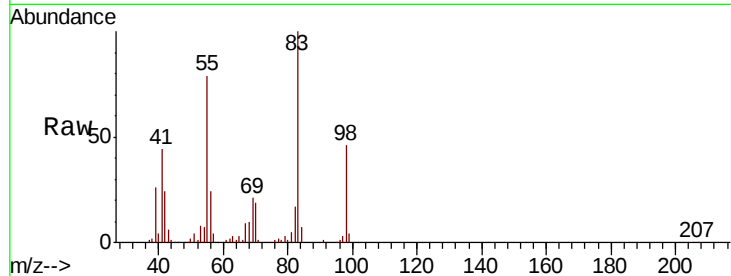




#39
Methvlcvclohexane
Concen: 48.853 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

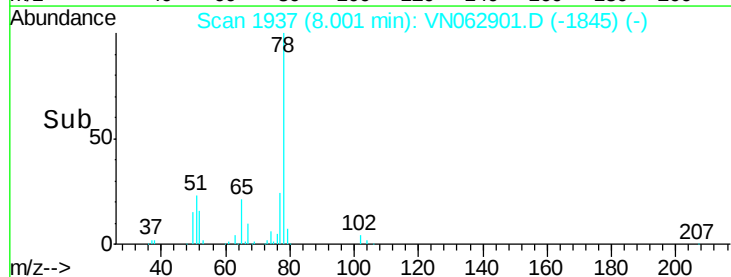
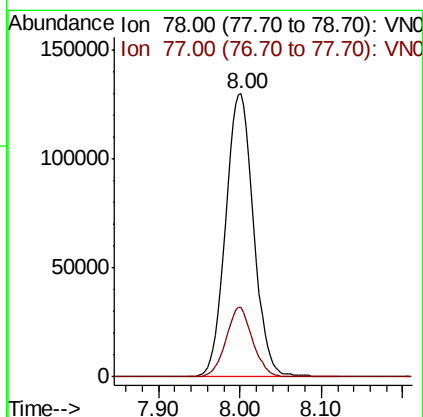
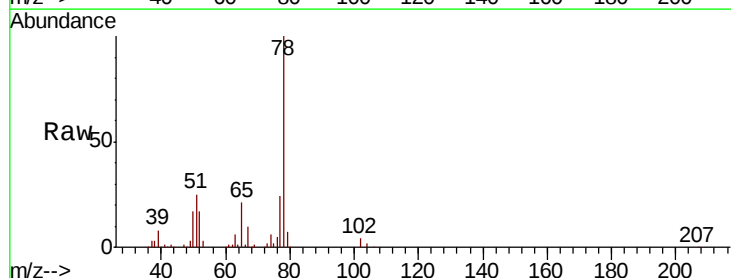
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

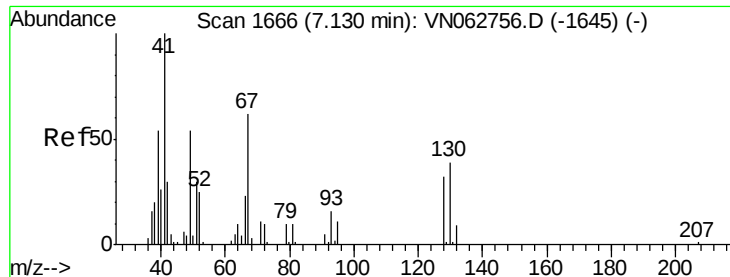
Tot Ion: 83 Resp: 133126
Ion Ratio Lower Upper
83 100
55 79.1 65.7 98.5
98 45.6 35.6 53.4



#40
Benzene
Concen: 46.338 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 78 Resp: 313103
Ion Ratio Lower Upper
78 100
77 24.4 18.1 27.1

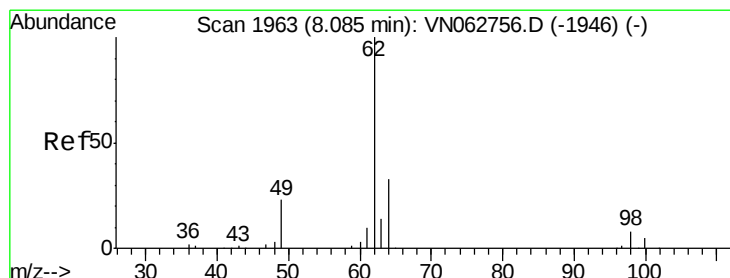
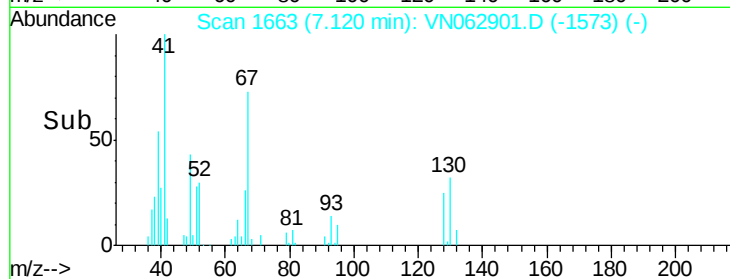
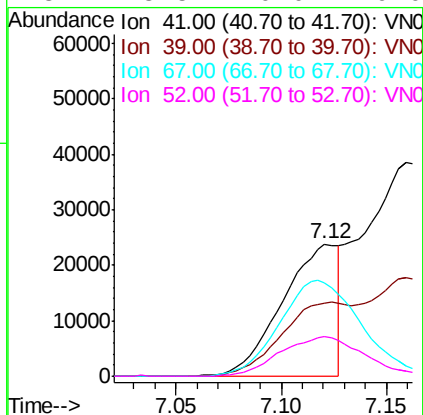
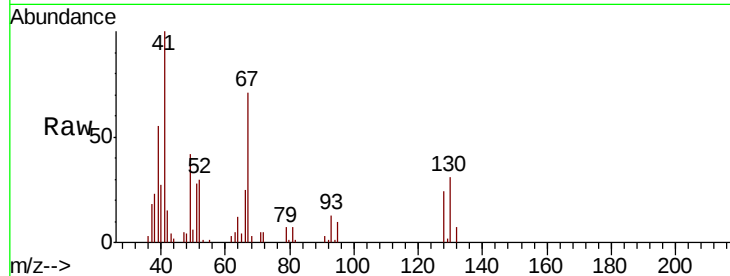




#41
Methacrylonitrile
Concen: 41.222 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

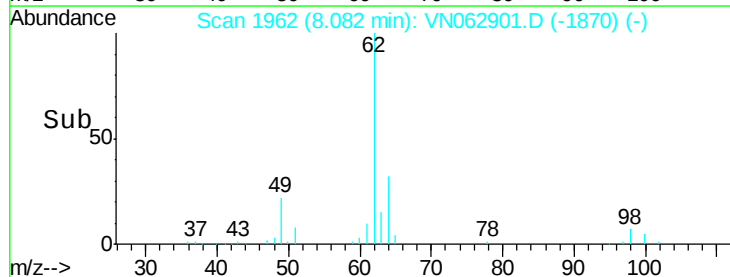
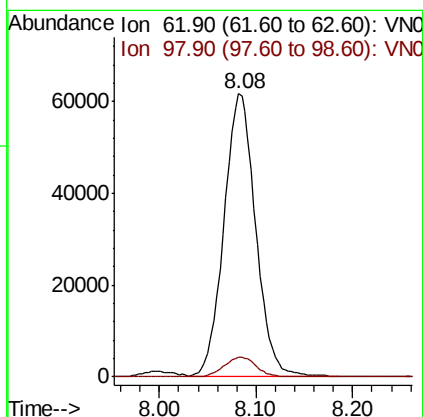
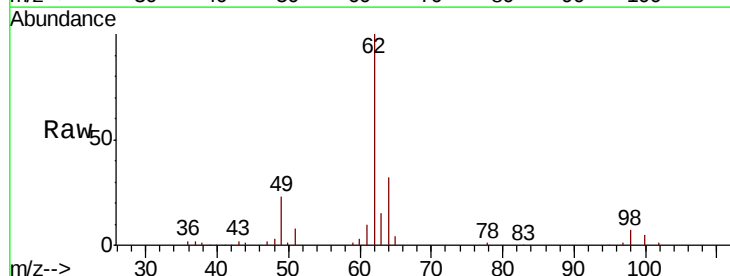
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

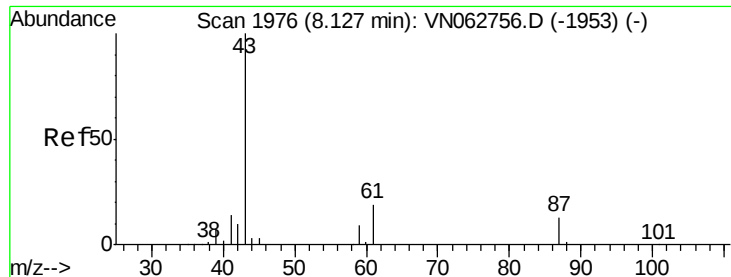
Tot Ion: 41 Resp: 43998
Ion Ratio Lower Upper
41 100
39 67.9 69.4 104.2#
67 107.3 0.0 0.0#
52 45.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.589 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 62 Resp: 139735
Ion Ratio Lower Upper
62 100
98 7.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 45.007 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

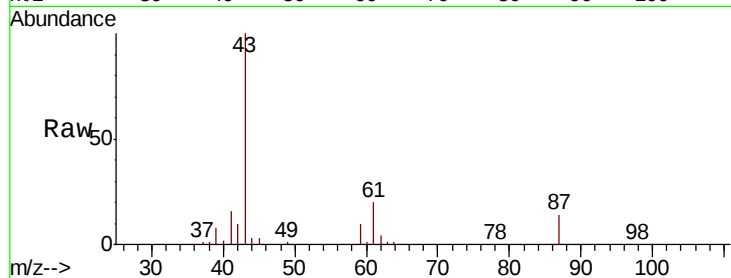
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 177566

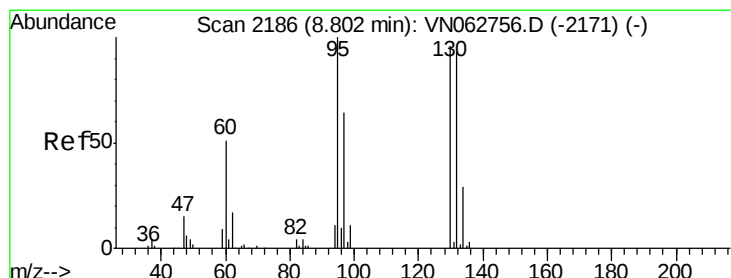
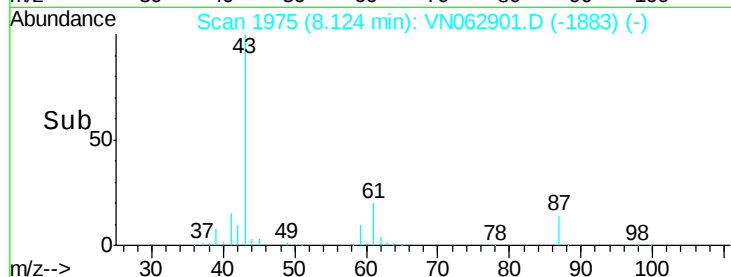
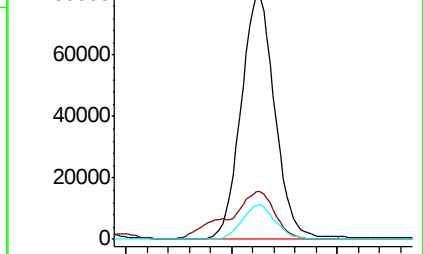
Ion	Ratio	Lower	Upper
43	100		
61	27.3	15.8	23.6#
87	13.9	9.9	14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#44

Trichloroethene

Concen: 46.675 ug/l

RT: 8.80 min Scan# 2185

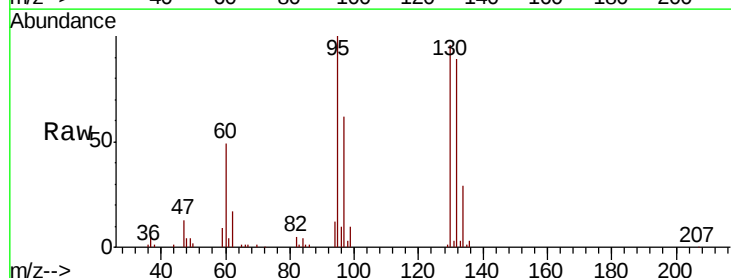
Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

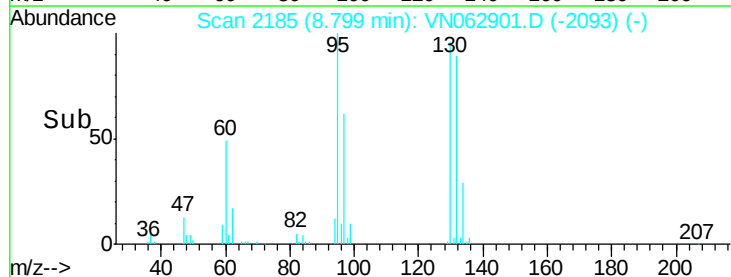
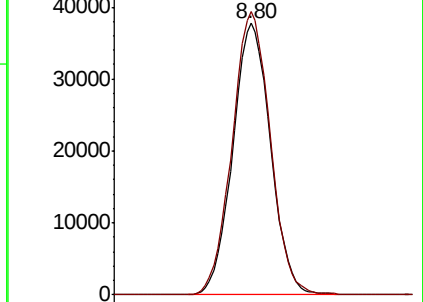
Tgt Ion: 130 Resp: 76836

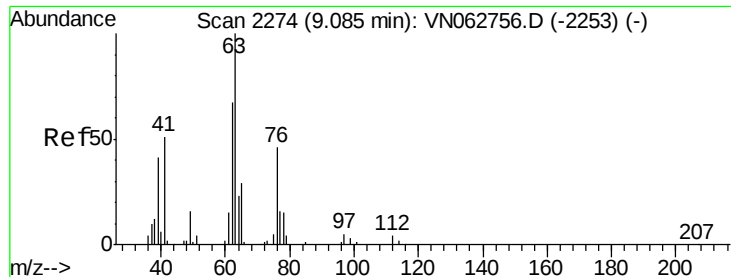
Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 47.567 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

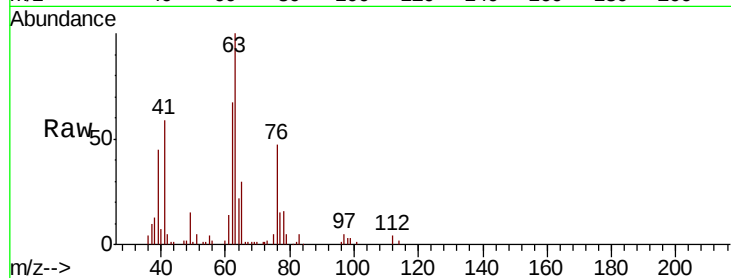
VSTDCCC050

Tot Ion: 63 Resp: 86988

Ion Ratio Lower Upper

63 100

65 30.3 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN062901.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062901.D (-2181) (-)

9.08

40000

30000

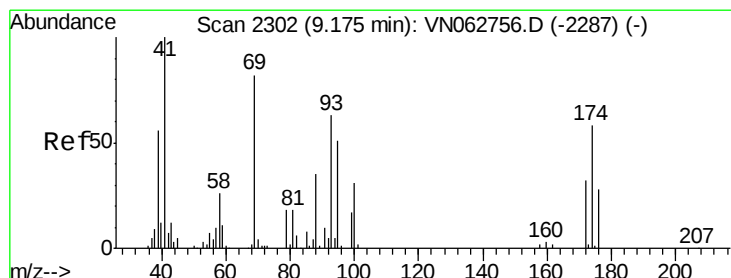
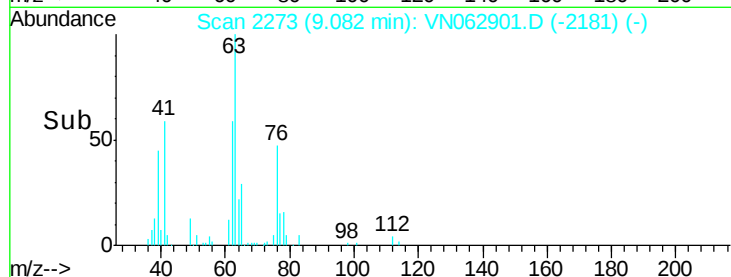
20000

10000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 49.150 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

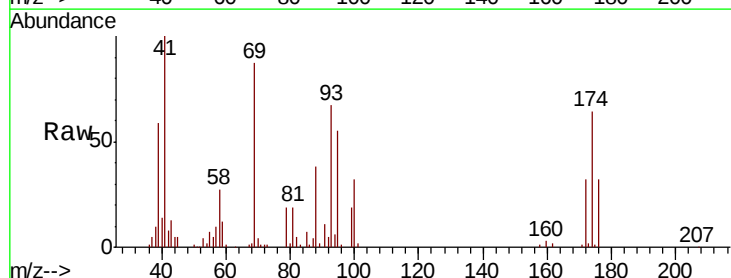
Tgt Ion: 93 Resp: 58893

Ion Ratio Lower Upper

93 100

95 82.5 65.1 97.7

174 95.9 73.9 110.9



Abundance Ion 92.80 (92.50 to 93.50): VN062901.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062901.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062901.D (-2209) (-)

9.17

30000

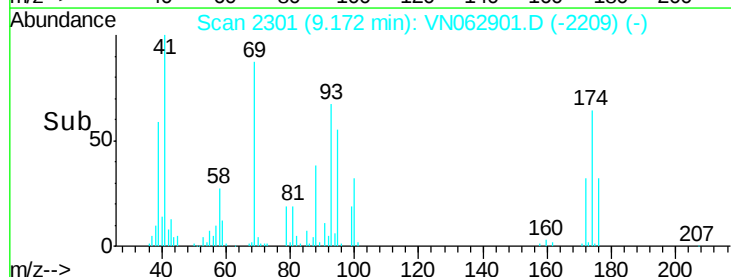
20000

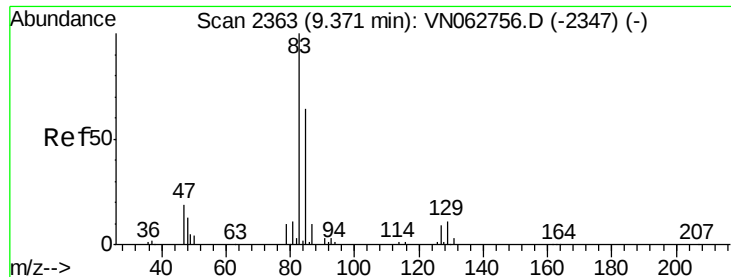
10000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 50.153 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

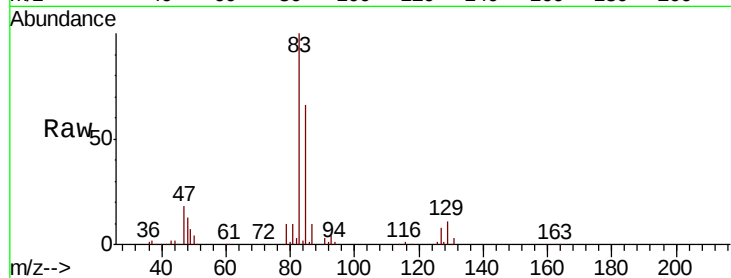
Tot Ion: 83 Resp: 134969

Ion Ratio Lower Upper

83 100

85 66.2 51.4 77.0

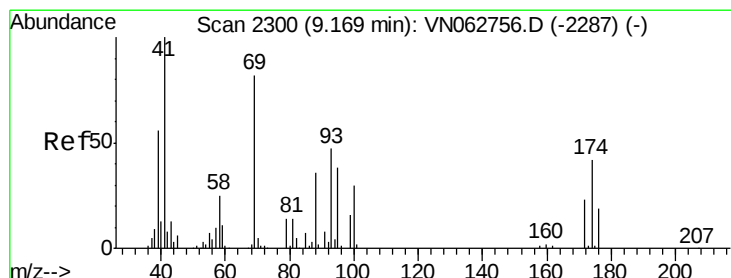
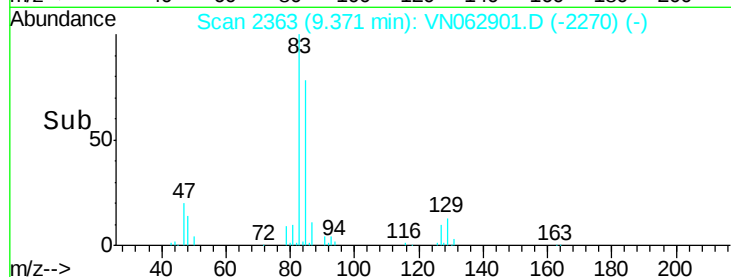
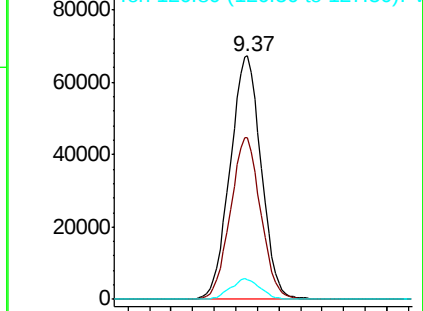
127 8.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062901.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062901.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062901.D (-2270) (-)



#48

Methyl methacrylate

Concen: 45.799 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

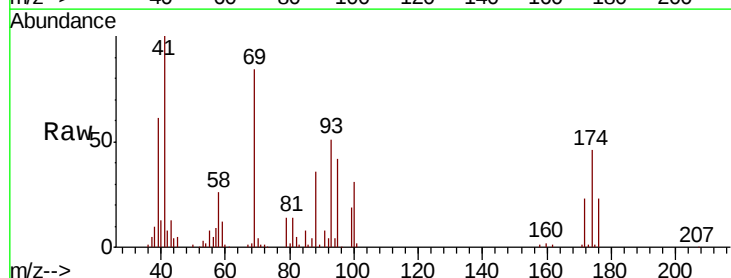
Tgt Ion: 41 Resp: 88876

Ion Ratio Lower Upper

41 100

69 86.6 67.4 101.2

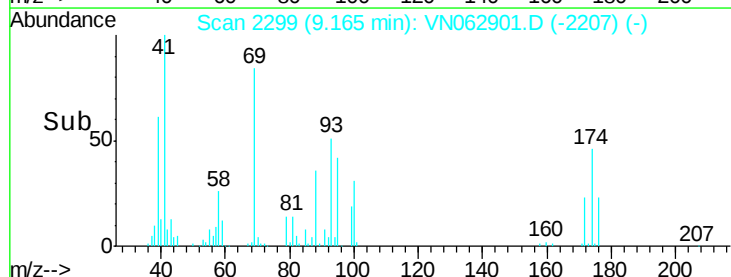
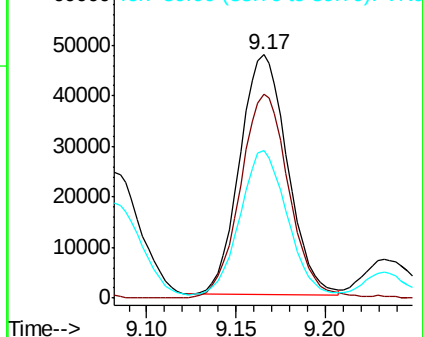
39 59.3 47.6 71.4

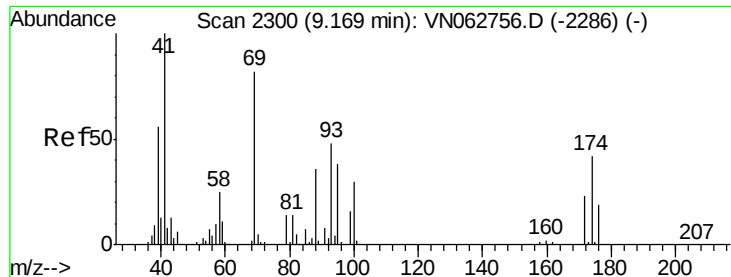


Abundance Ion 41.00 (40.70 to 41.70): VN062901.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062901.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062901.D (-2207) (-)





#49

1,4-Dioxane

Concen: 1024.656 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

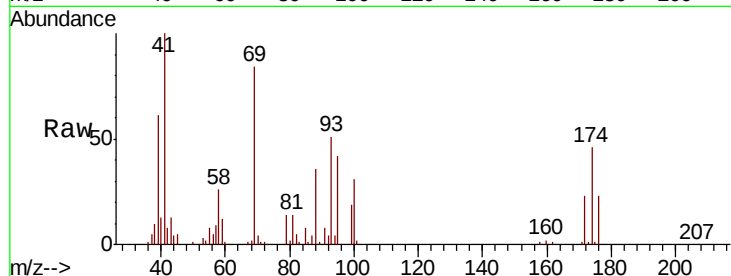
Tot Ion: 88 Resp: 36844

Ion Ratio Lower Upper

88 100

43 35.1 29.5 44.3

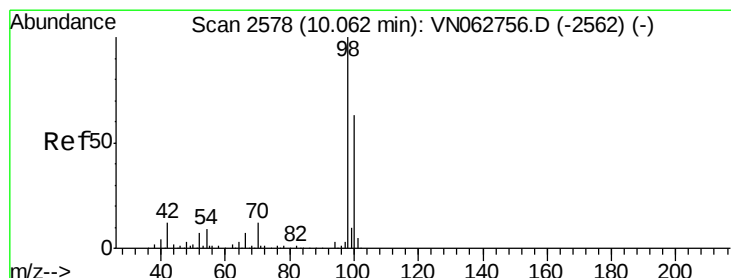
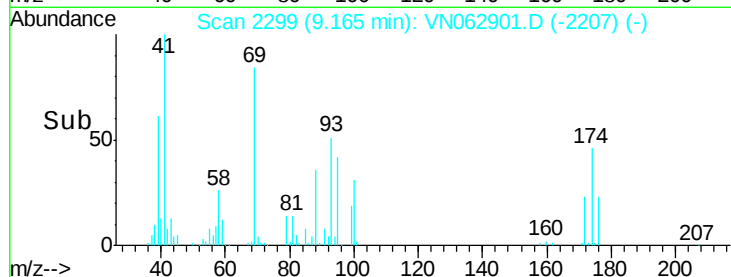
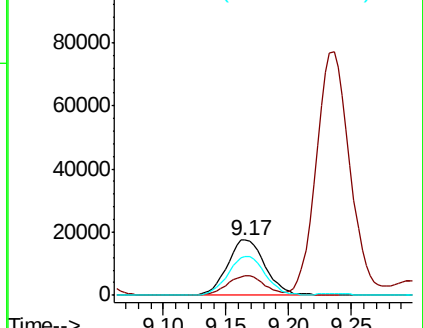
58 69.5 59.8 89.8



Abundance Ion 88.00 (87.70 to 88.70): VN062756.D (-2286) (-)

Ion 43.00 (42.70 to 43.70): VN062756.D (-2286) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2286) (-)



#50

Toluene-d8

Concen: 48.456 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062901.D

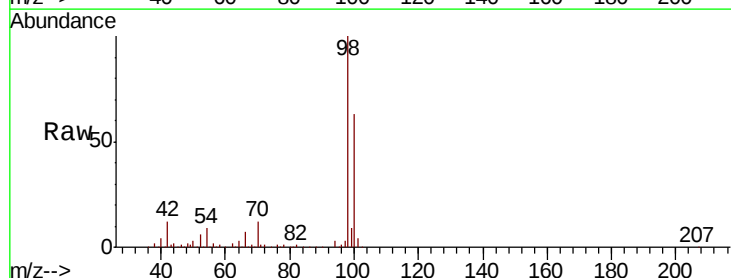
Acq: 13 Aug 2020 10:42

Tgt Ion: 98 Resp: 300938

Ion Ratio Lower Upper

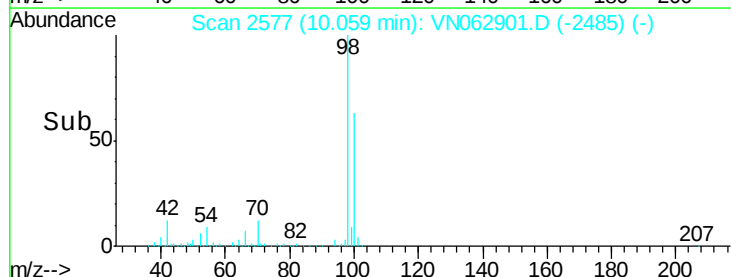
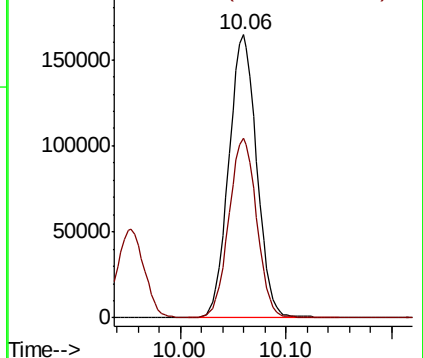
98 100

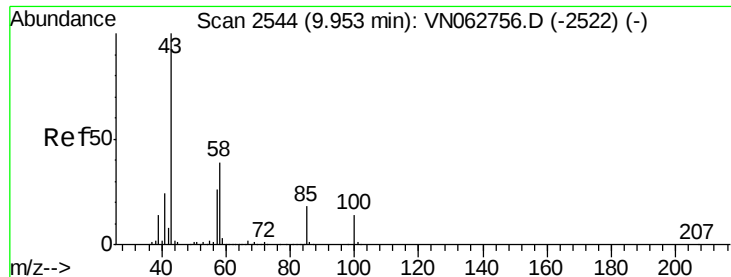
100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)





#51

4-Methyl-2-Pentanone

Concen: 230.150 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

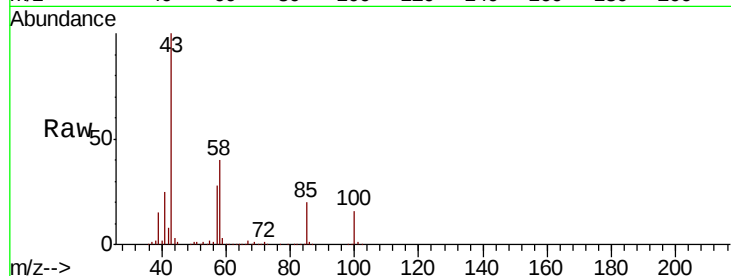
VSTDCCC050

Tot Ion: 43 Resp: 587497

Ion Ratio Lower Upper

43 100

58 40.0 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2522) (-)

9.95

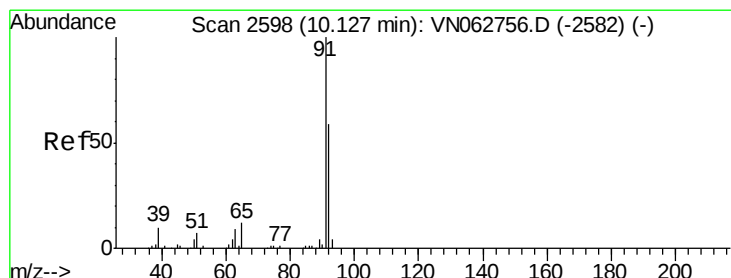
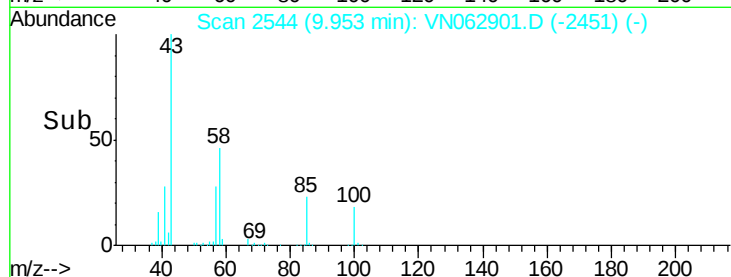
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.407 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062901.D

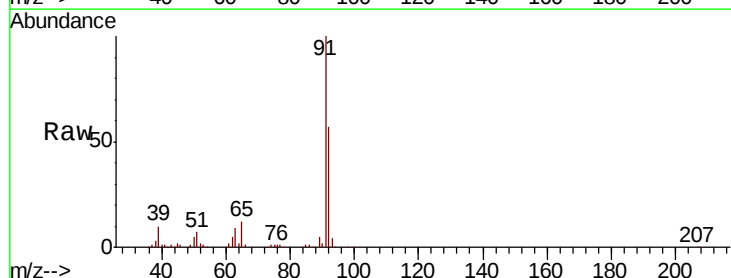
Acq: 13 Aug 2020 10:42

Tgt Ion: 92 Resp: 201949

Ion Ratio Lower Upper

92 100

91 175.3 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN062756.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062756.D (-2582) (-)

10.12

200000

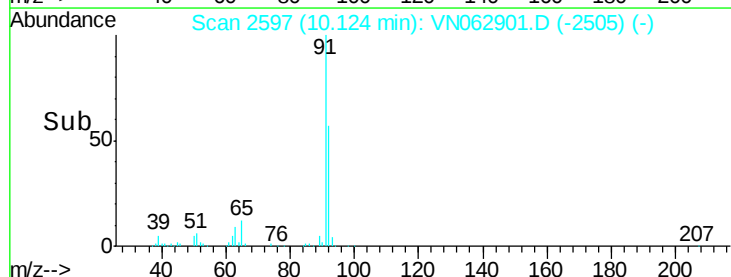
150000

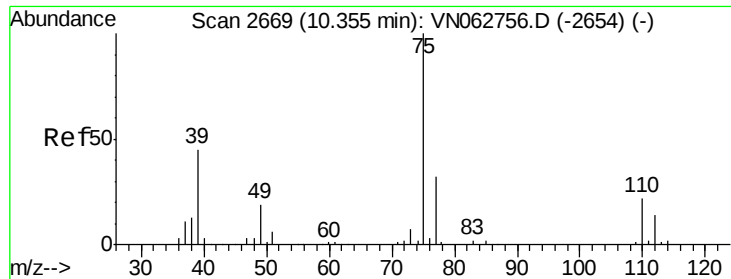
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.144 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

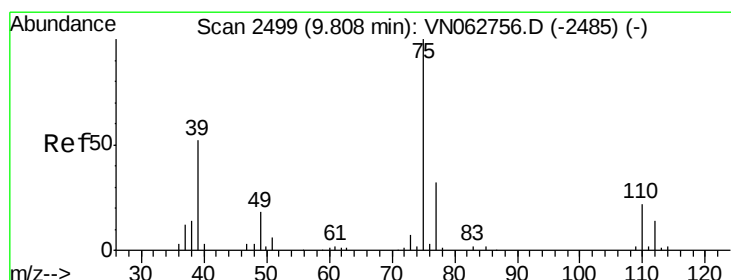
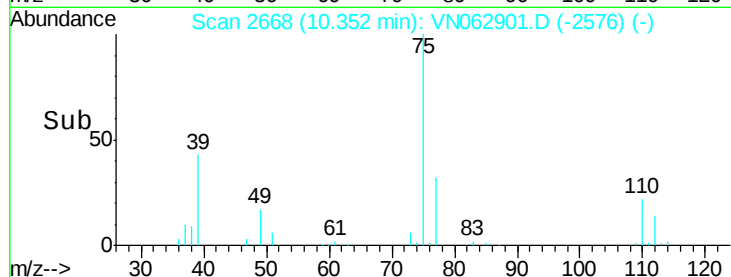
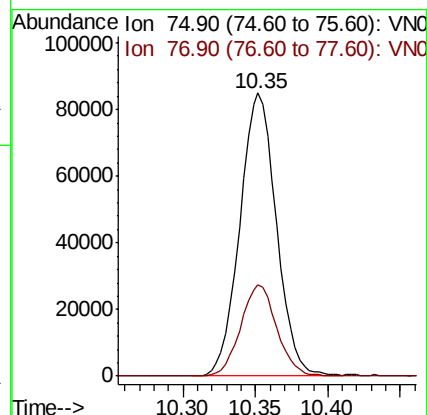
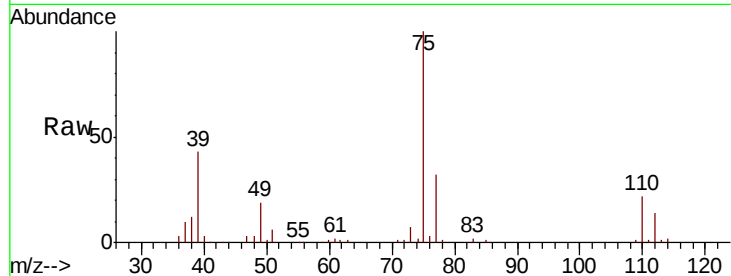
VSTDCCC050

Tot Ion: 75 Resp: 148436

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.483 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

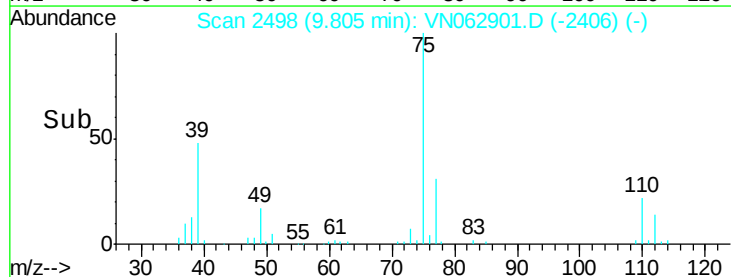
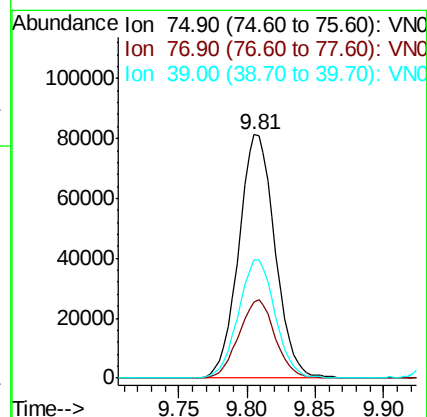
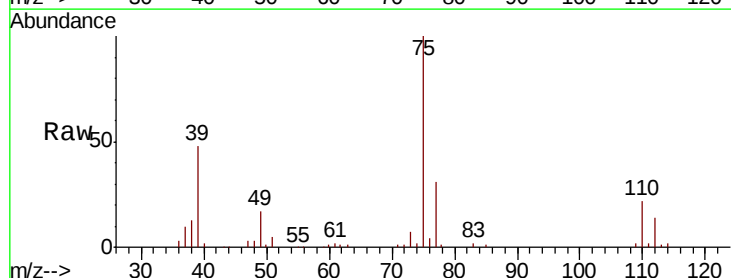
Tgt Ion: 75 Resp: 150040

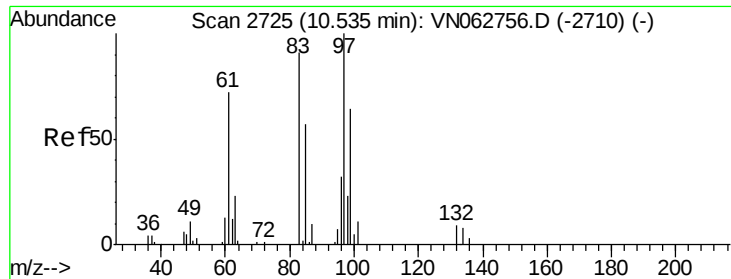
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 48.3 41.9 62.9

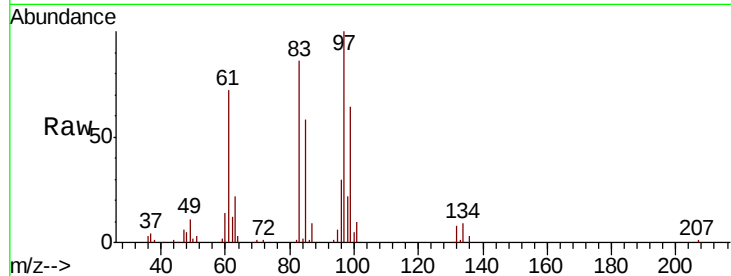




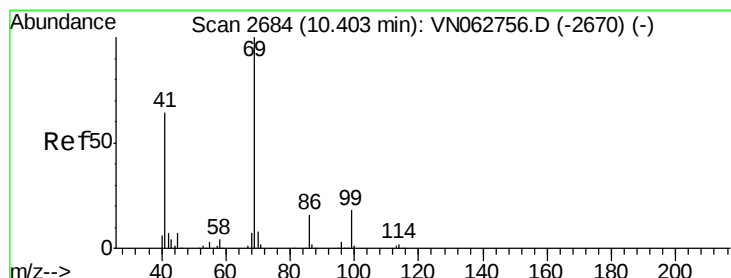
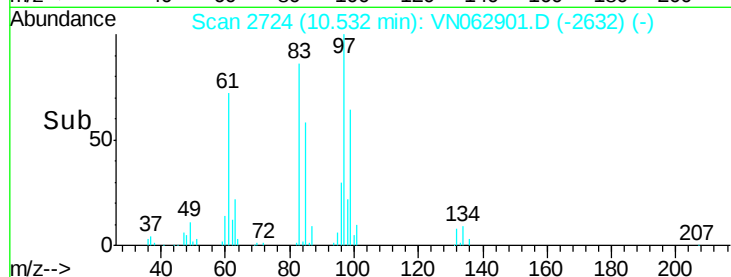
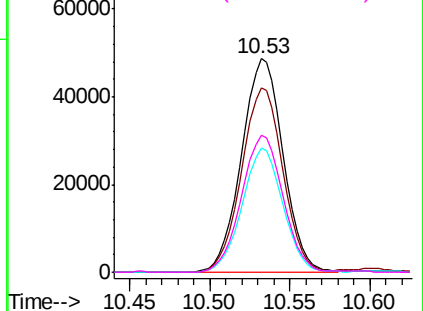
#55
 1,1,2-Trichloroethane
 Concen: 48.630 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	86648
Ion	Ratio	Lower	Upper
97	100		
83	86.0	72.6	108.8
85	57.9	46.0	69.0
99	63.9	51.1	76.7

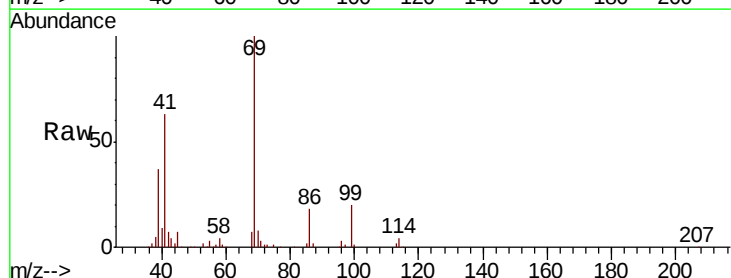


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

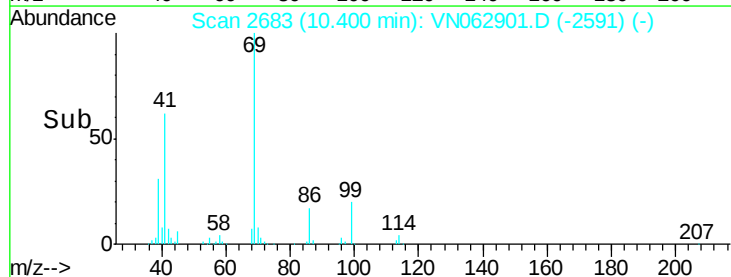
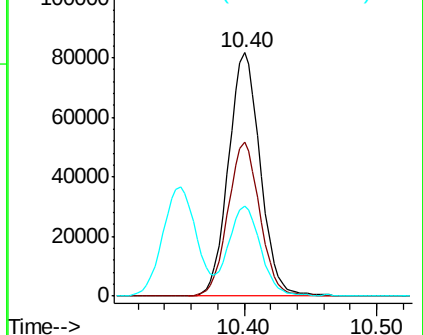


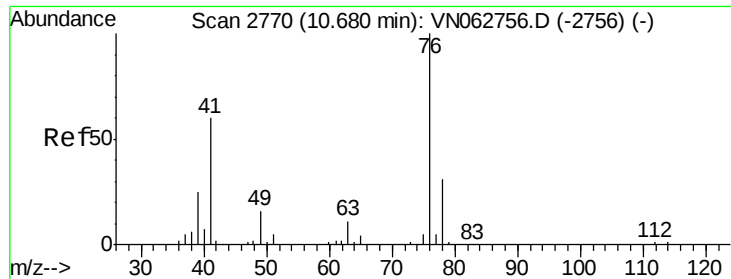
#56
 Ethyl methacrylate
 Concen: 50.736 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion:	69	Resp:	136070
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.2	78.2
39	36.6	30.9	46.3



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

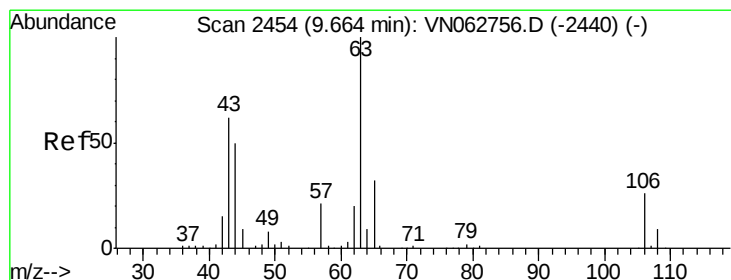
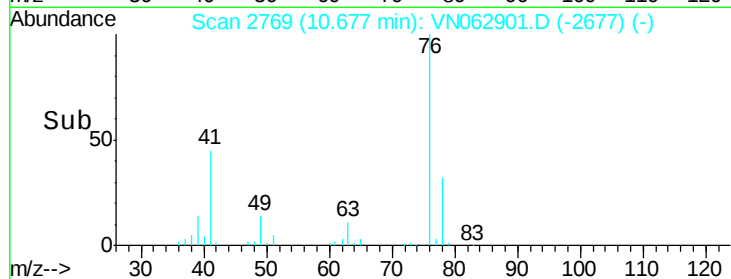
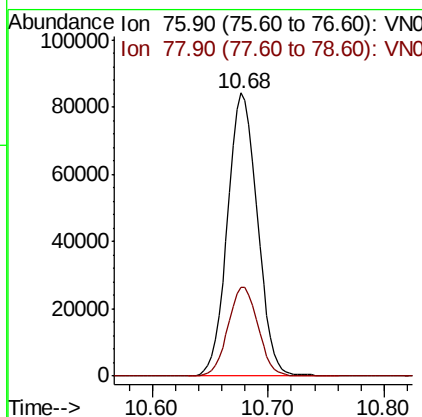
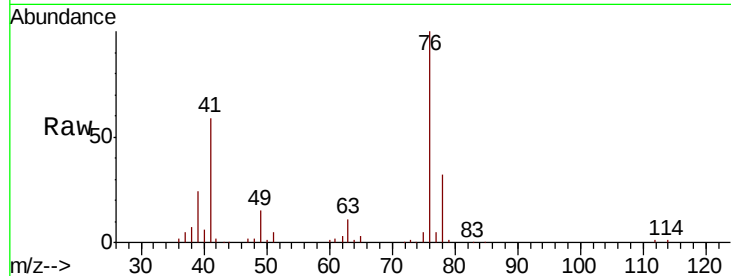




#57
 1,3-Dichloropropane
 Concen: 49.793 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

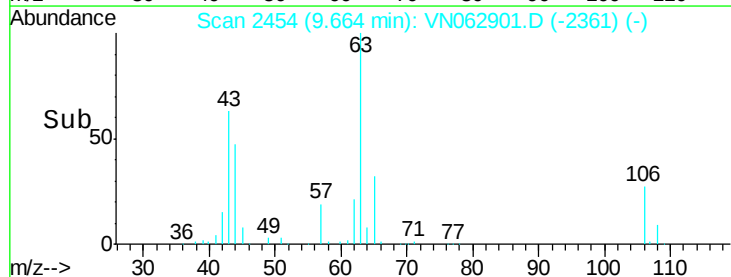
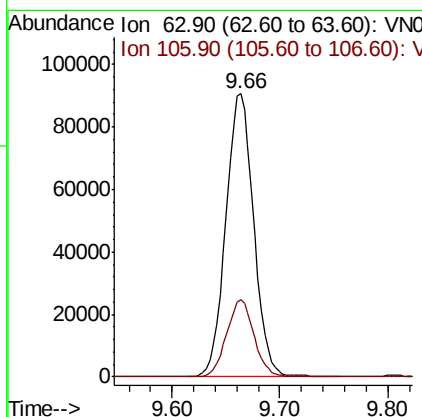
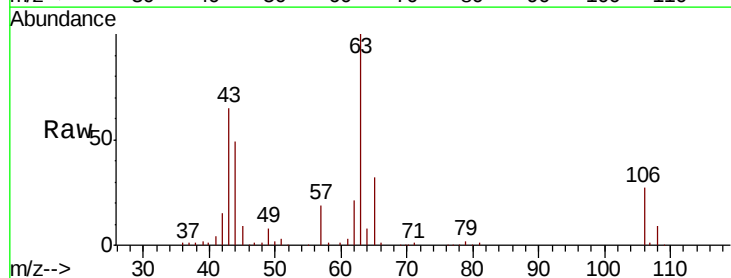
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

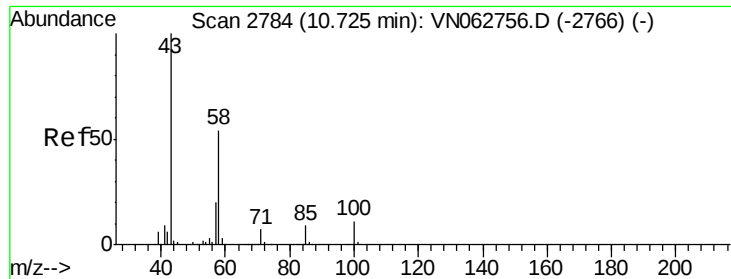
Tot Ion: 76 Resp: 150748
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 215.278 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion: 63 Resp: 163198
 Ion Ratio Lower Upper
 63 100
 106 26.7 20.9 31.3

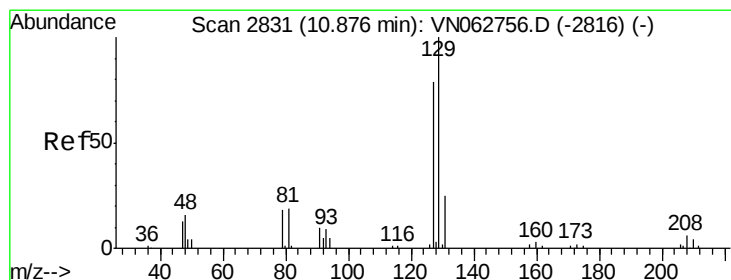
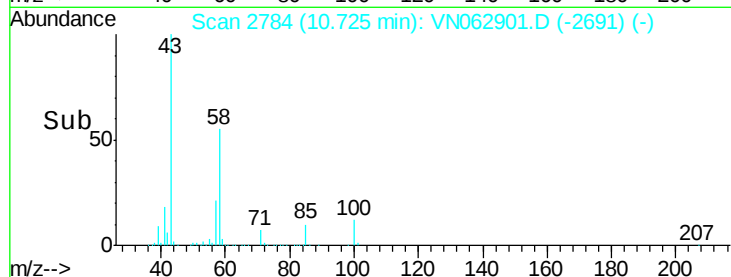
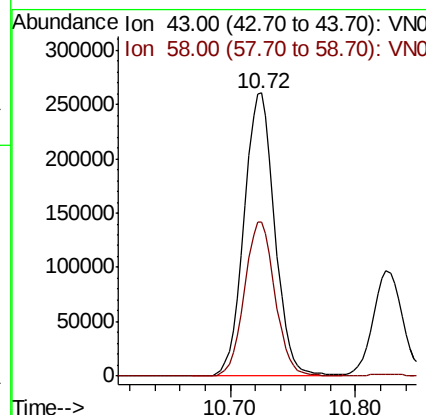
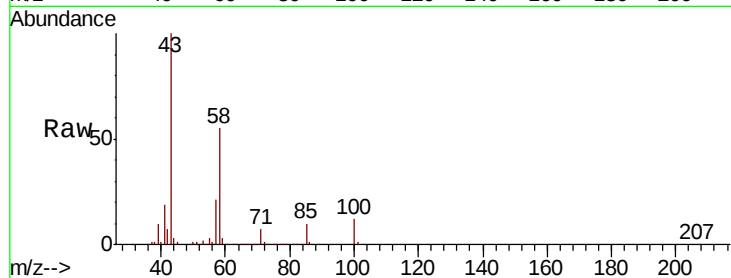




#59
2-Hexanone
Concen: 232.668 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

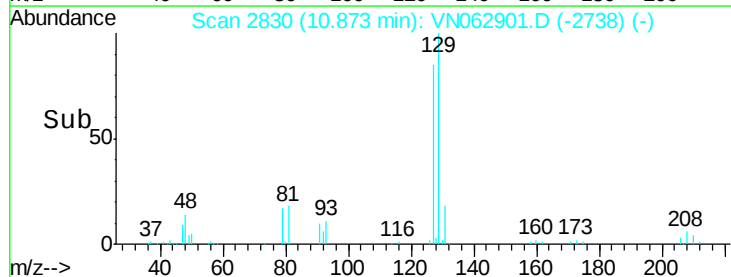
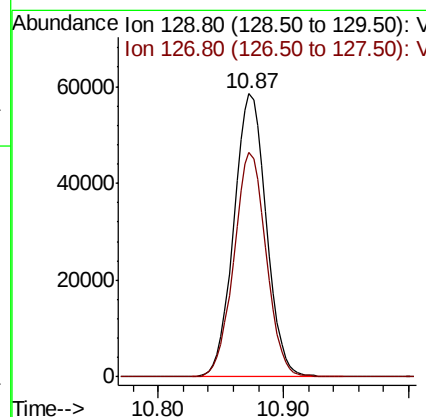
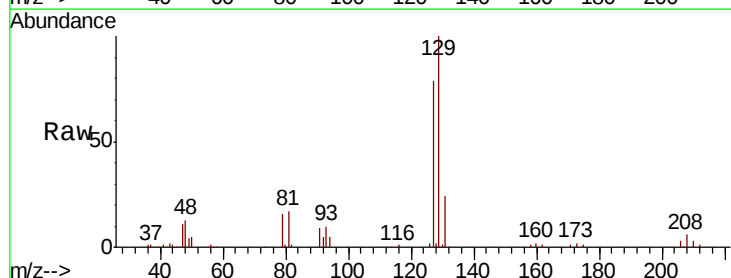
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

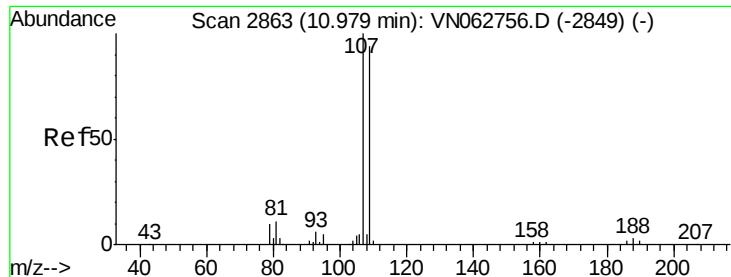
Tot Ion: 43 Resp: 443035
Ion Ratio Lower Upper
43 100
58 54.3 26.7 80.1



#60
Dibromochloromethane
Concen: 51.650 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 129 Resp: 105020
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2

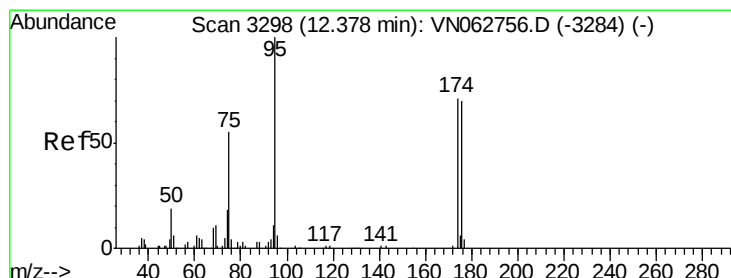
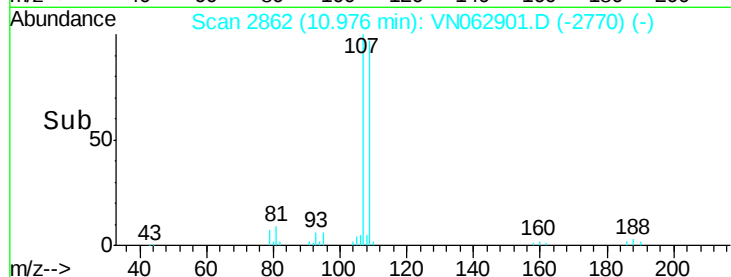
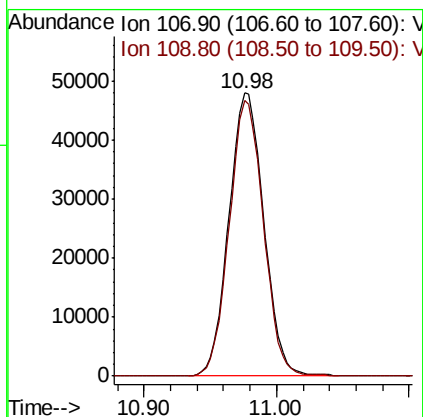
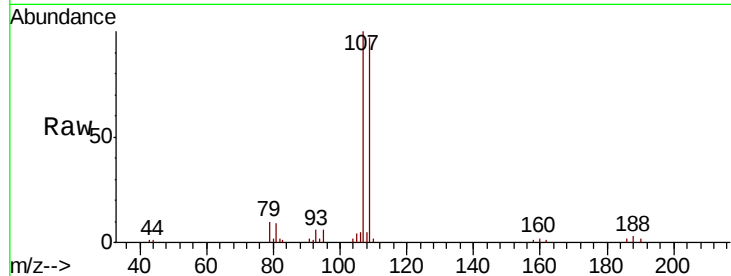




#61
 1,2-Dibromoethane
 Concen: 49.957 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

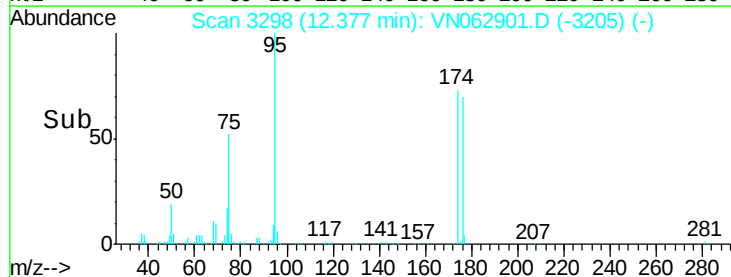
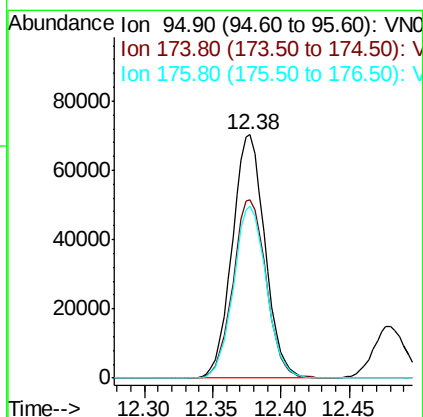
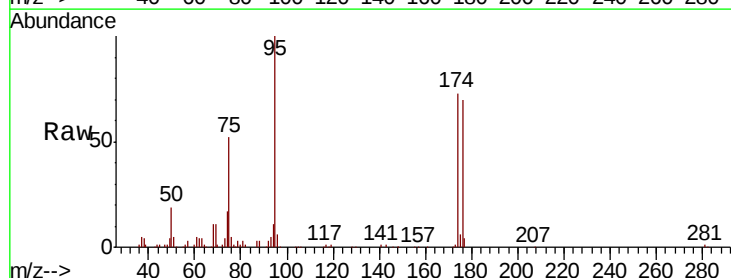
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

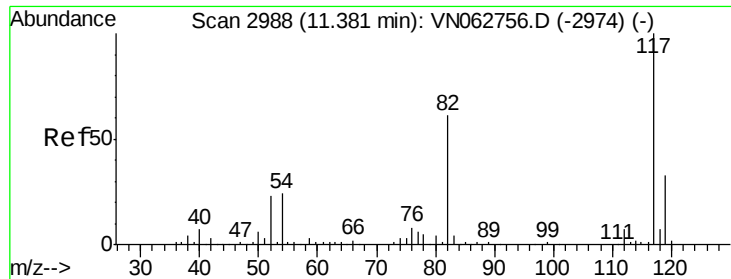
Tot Ion:107 Resp: 87833
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.955 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion: 95 Resp: 117242
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 144.8
 176 70.6 0.0 142.2

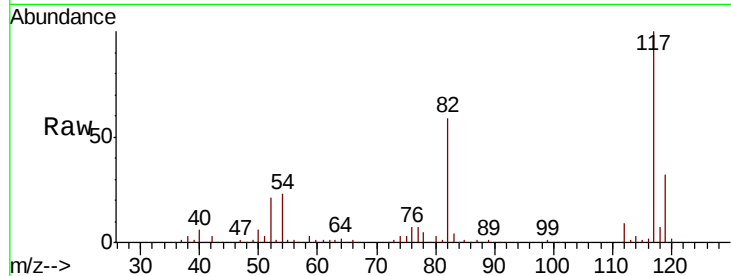




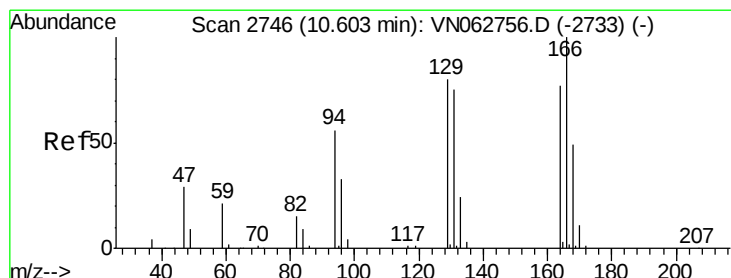
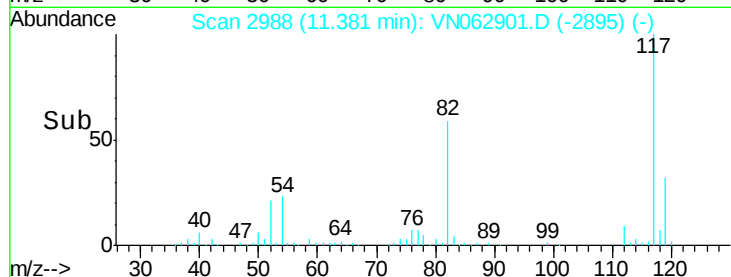
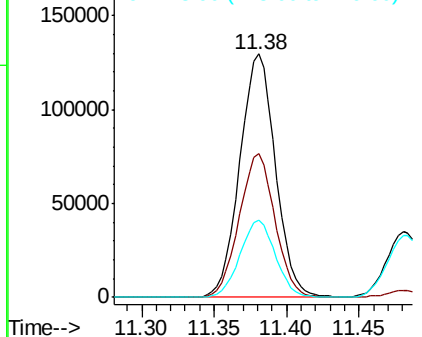
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 221641
Ion Ratio Lower Upper
117 100
82 58.8 49.0 73.4
119 31.7 26.2 39.2

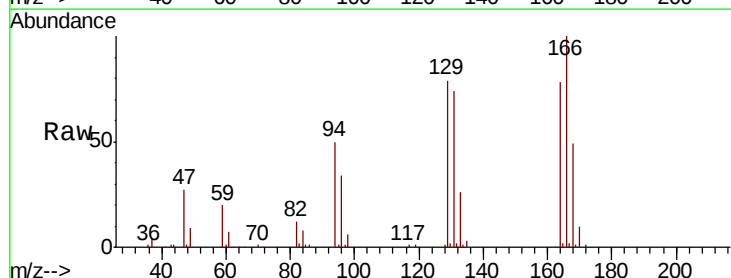


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

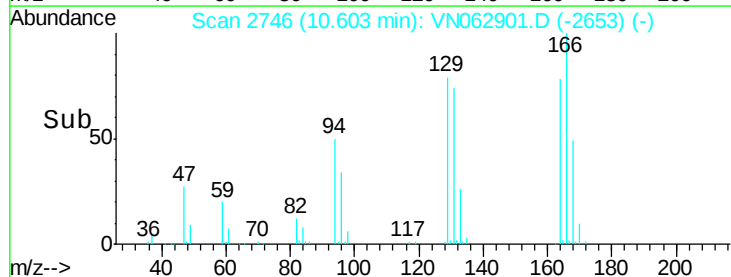
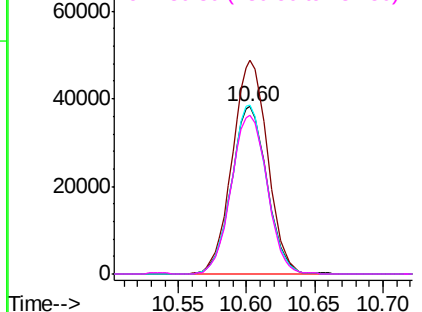


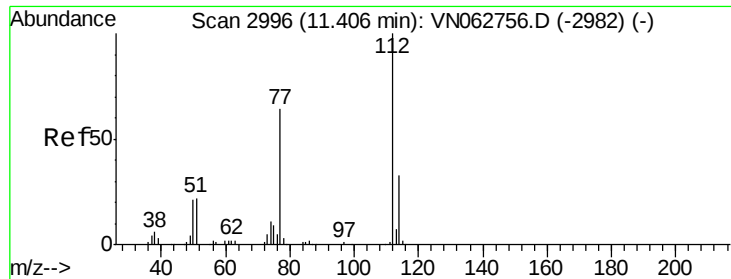
#64
Tetrachloroethene
Concen: 48.251 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion:164 Resp: 69002
Ion Ratio Lower Upper
164 100
166 127.7 103.8 155.8
129 100.9 82.7 124.1
131 95.1 78.2 117.2



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

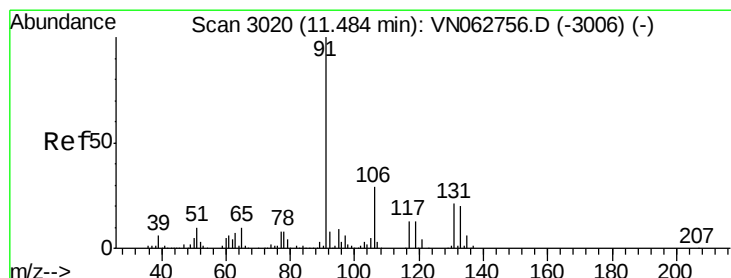
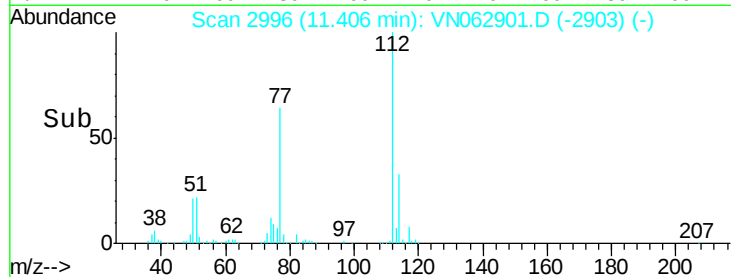
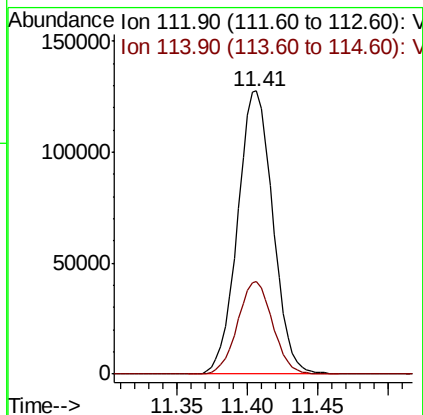
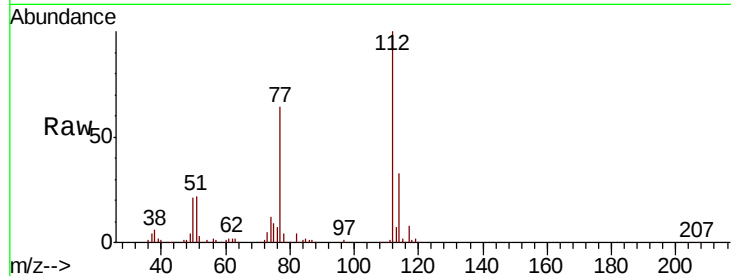




#65
Chlorobenzene
Concen: 48.273 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

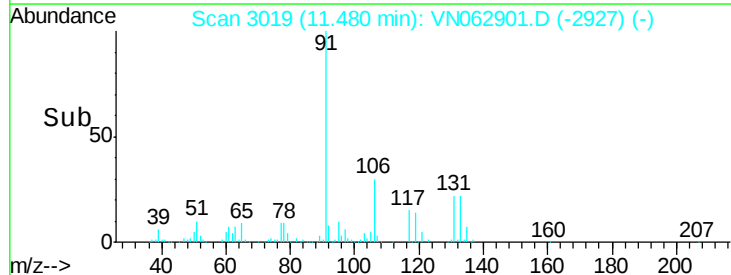
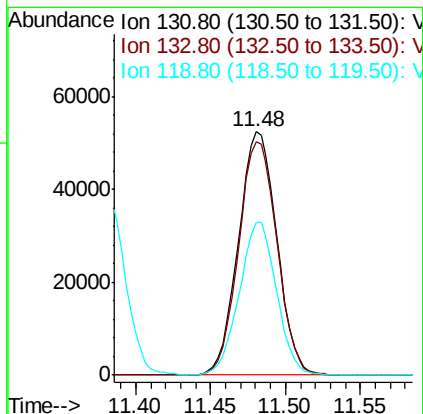
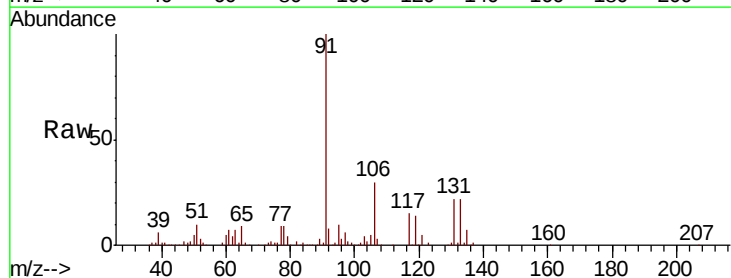
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

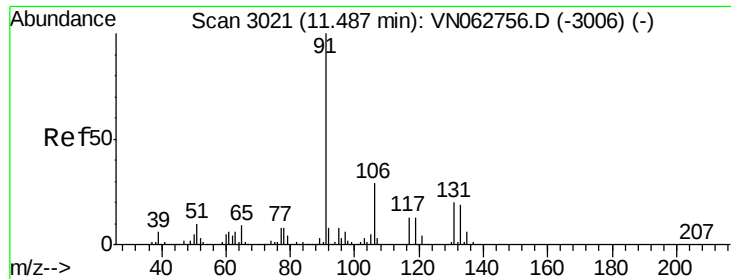
Tot Ion:112 Resp: 223657
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.317 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion:131 Resp: 93618
Ion Ratio Lower Upper
131 100
133 96.0 48.6 145.8
119 60.9 32.2 96.6

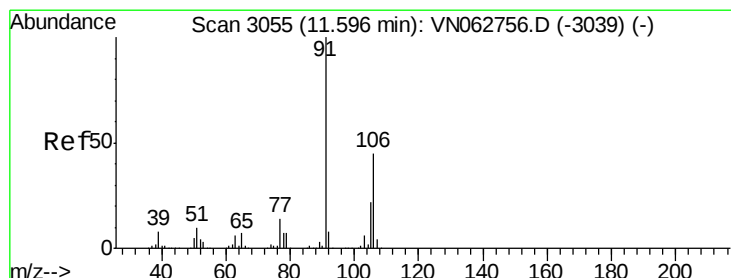
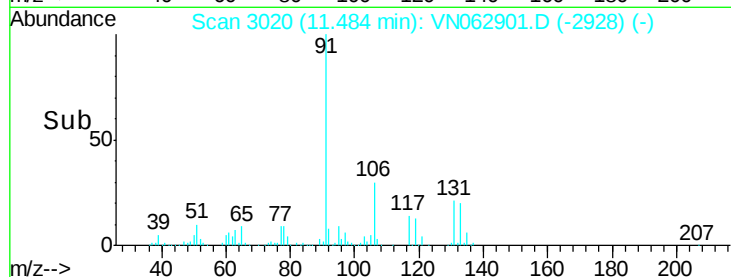
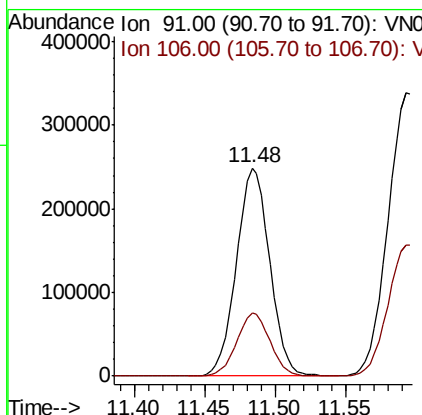
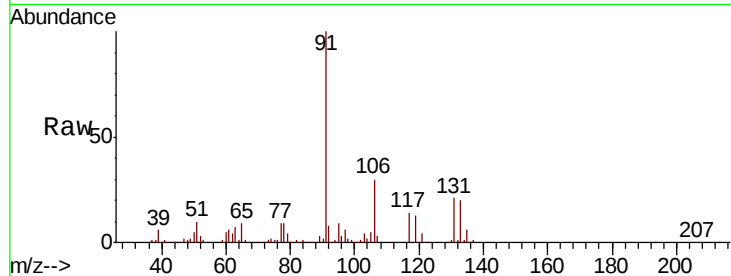




#67
Ethyl Benzene
Concen: 49.718 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

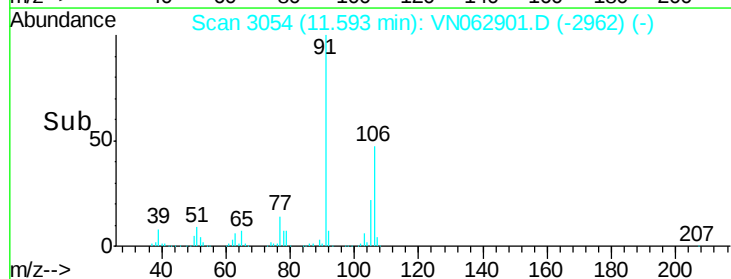
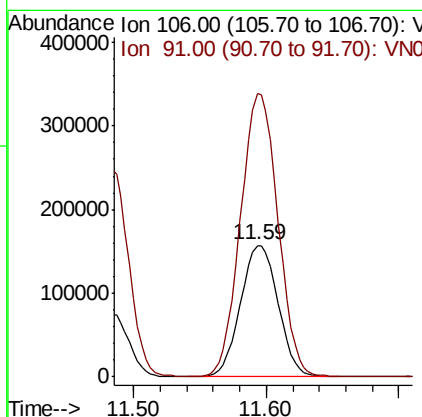
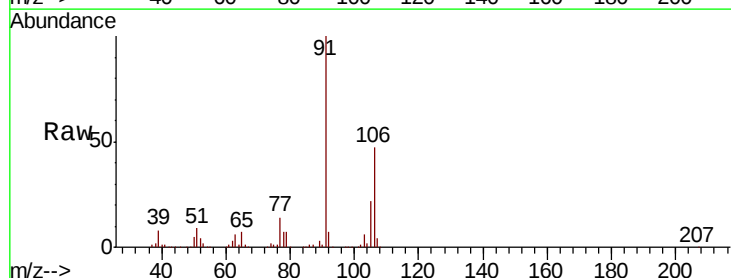
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 412210
Ion Ratio Lower Upper
91 100
106 30.3 23.2 34.8



#68
m/p-Xylenes
Concen: 103.035 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 106 Resp: 310097
Ion Ratio Lower Upper
106 100
91 214.0 175.9 263.9

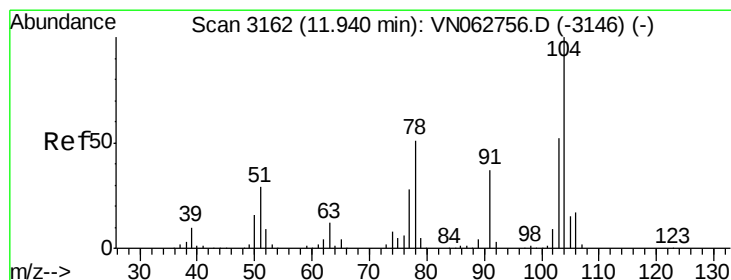
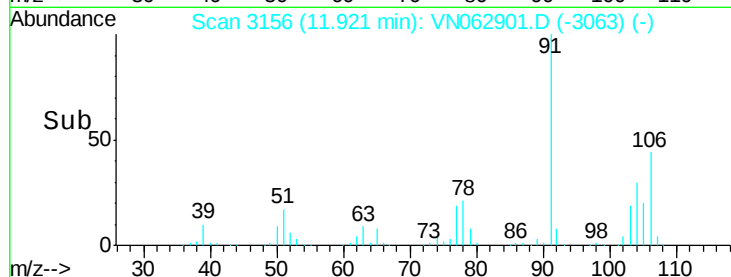
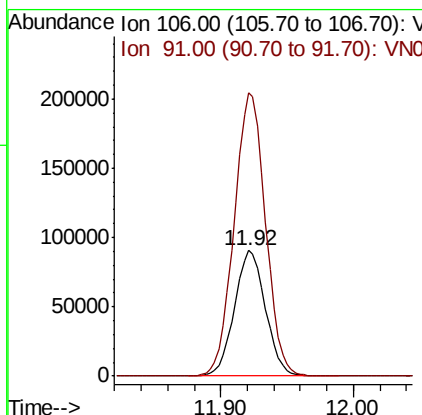
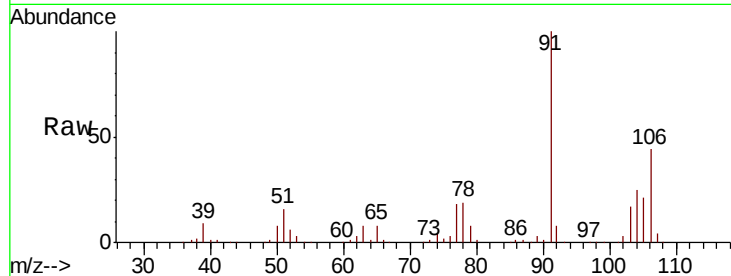




#69
o-Xylene
Concen: 52.222 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

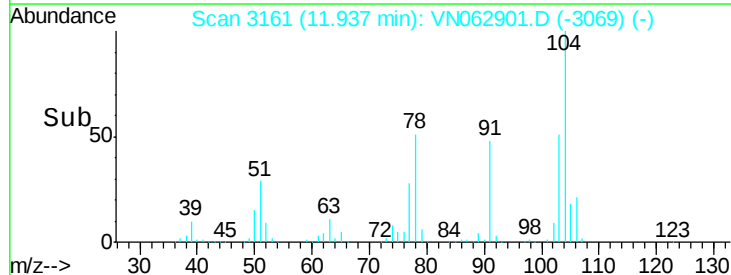
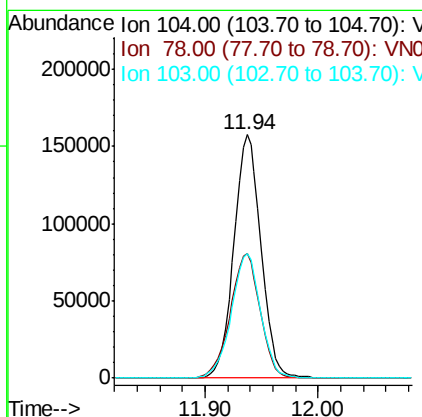
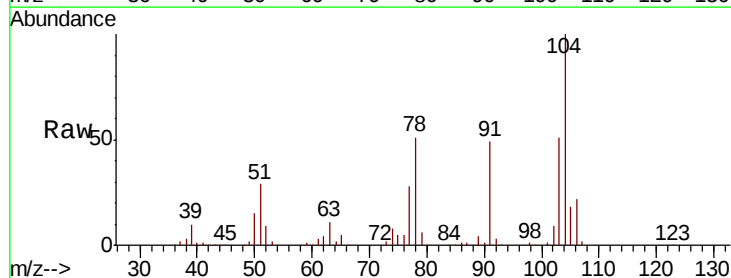
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

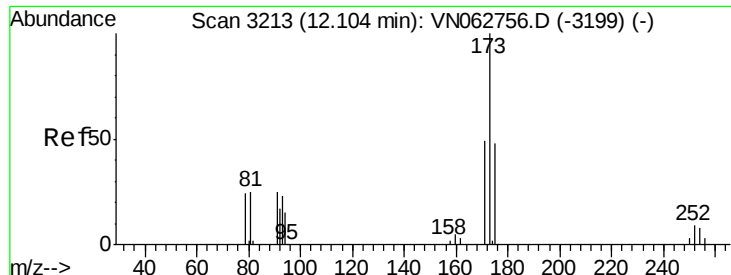
Tot Ion:106 Resp: 147289
Ion Ratio Lower Upper
106 100
91 227.6 115.8 347.4



#70
Styrene
Concen: 53.142 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion:104 Resp: 263457
Ion Ratio Lower Upper
104 100
78 56.2 45.9 68.9
103 55.2 45.1 67.7





#71

Bromoform

Concen: 49.206 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

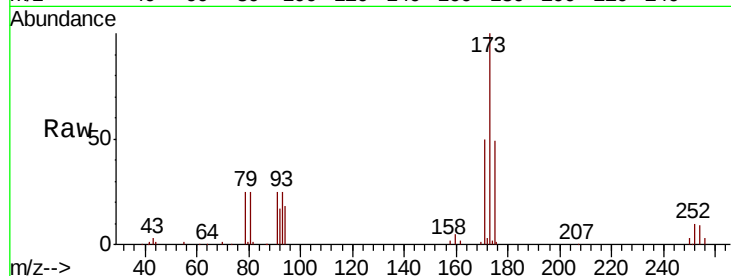
Tot Ion:173 Resp: 74906

Ion Ratio Lower Upper

173 100

175 48.1 24.0 72.0

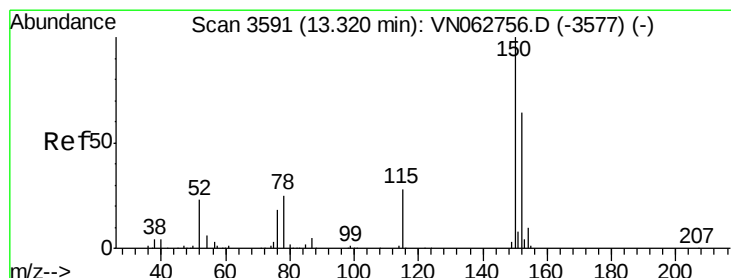
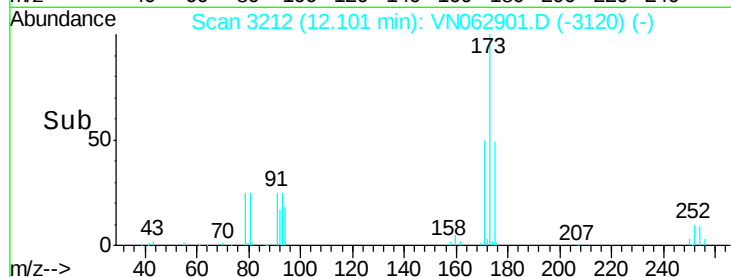
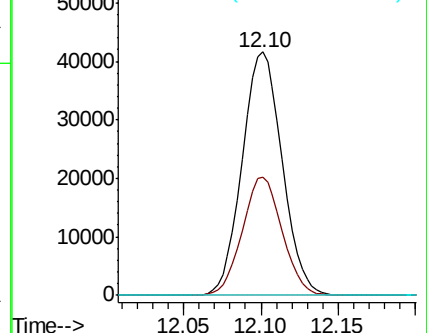
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

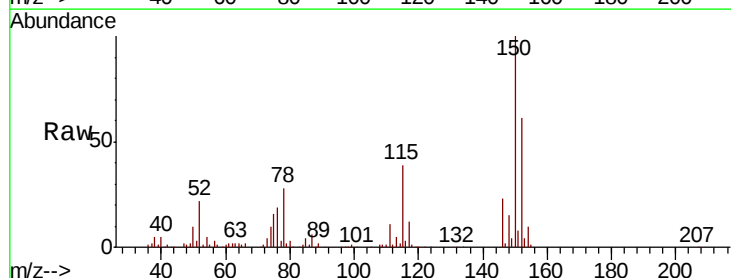
Tgt Ion:152 Resp: 113209

Ion Ratio Lower Upper

152 100

115 64.0 31.6 94.8

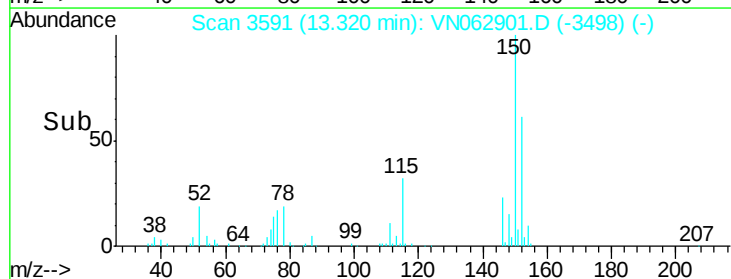
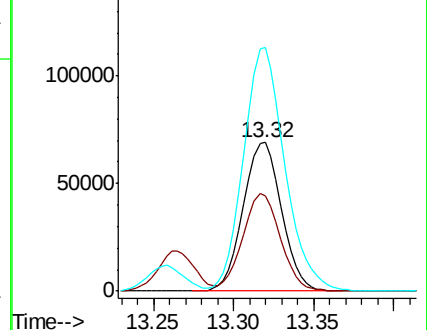
150 174.8 0.0 349.2

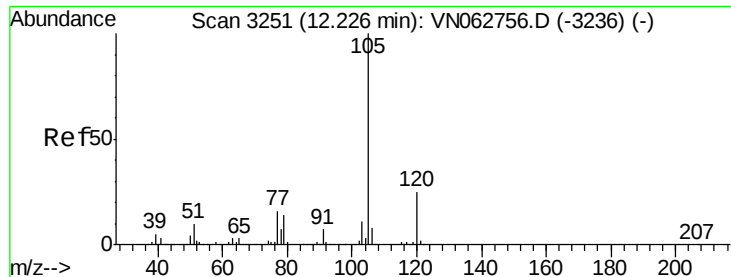


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

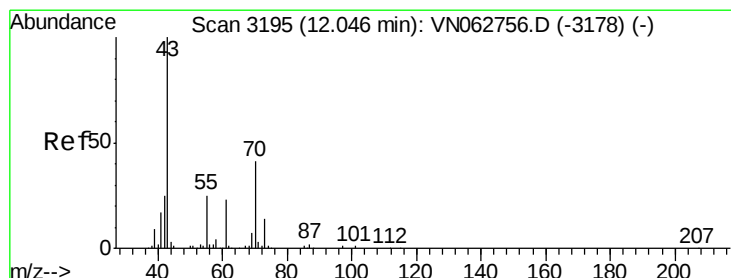
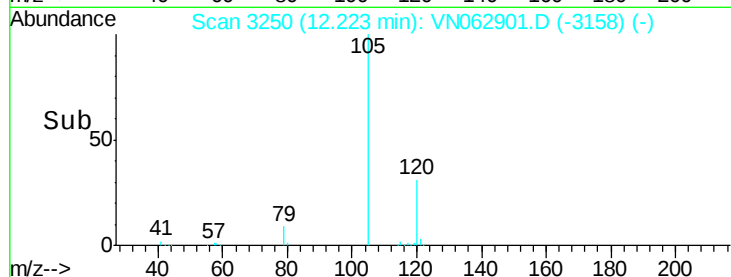
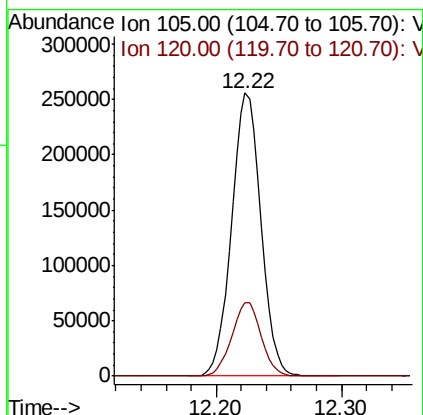
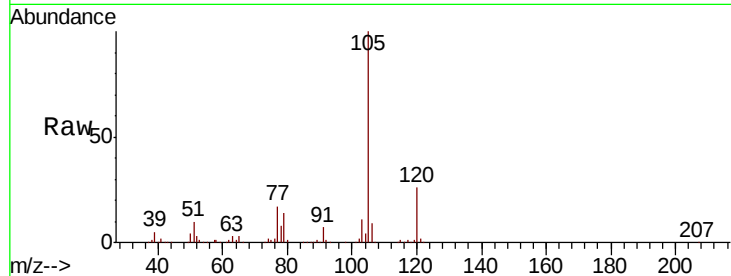




#73
Isopropylbenzene
Concen: 48.671 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

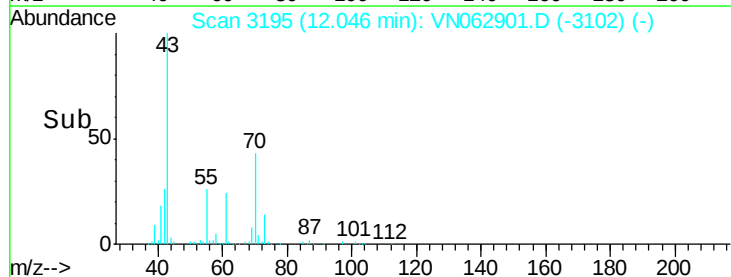
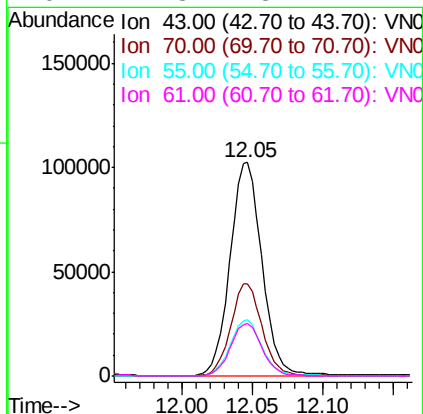
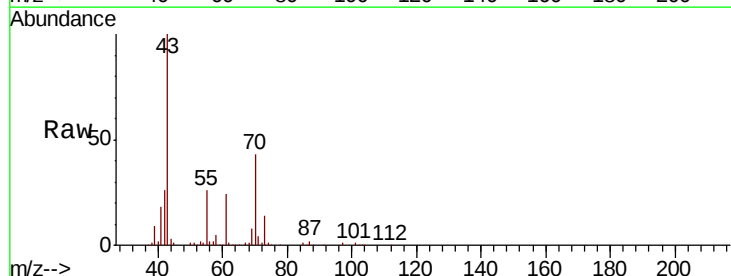
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

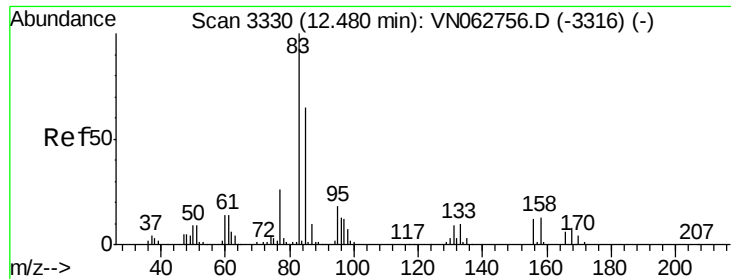
Tot Ion:105 Resp: 414900
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8



#74
N-ethyl acetate
Concen: 46.853 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 43 Resp: 161856
Ion Ratio Lower Upper
43 100
70 42.9 32.3 48.5
55 26.3 20.2 30.2
61 24.3 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 44.114 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

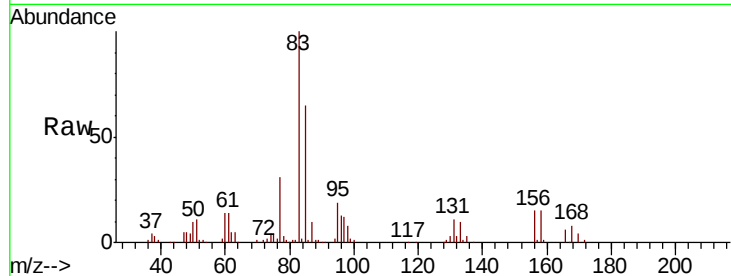
Tot Ion: 83 Resp: 132380

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.4

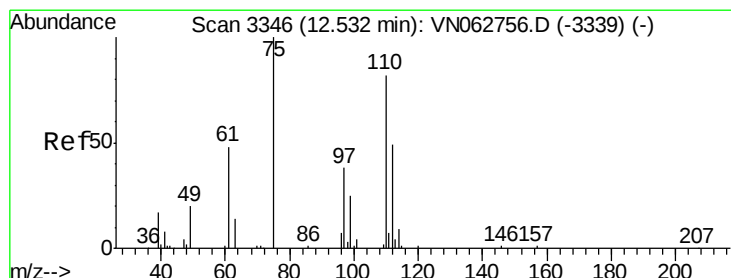
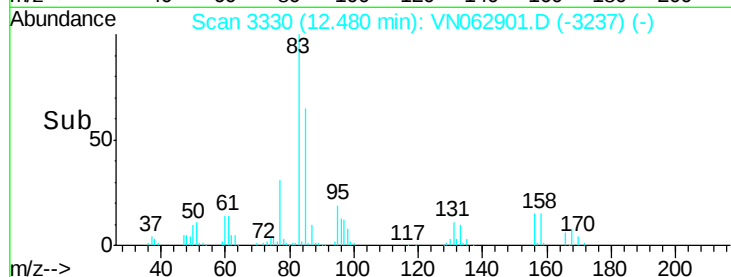
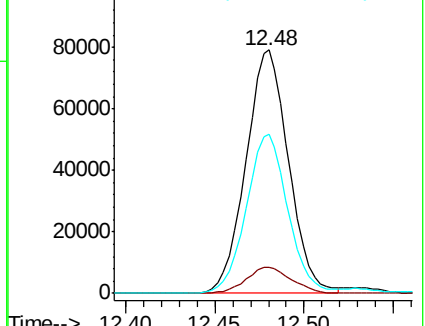
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 58.641 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062901.D

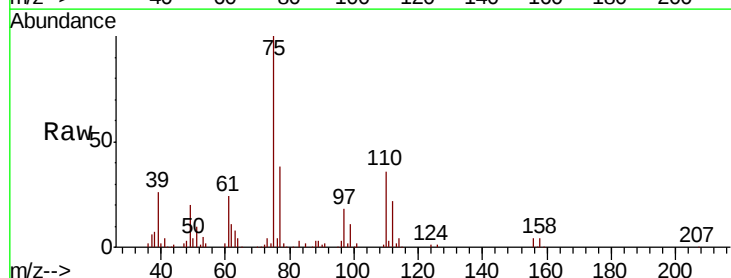
Acq: 13 Aug 2020 10:42

Tgt Ion: 75 Resp: 179039

Ion Ratio Lower Upper

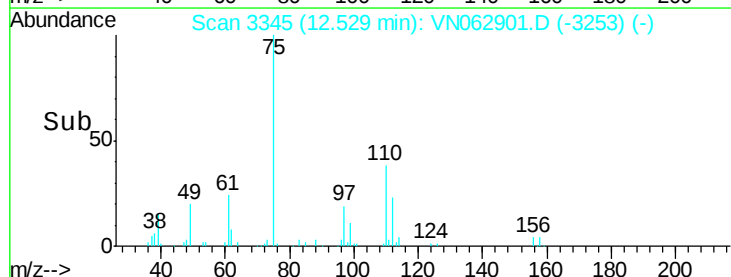
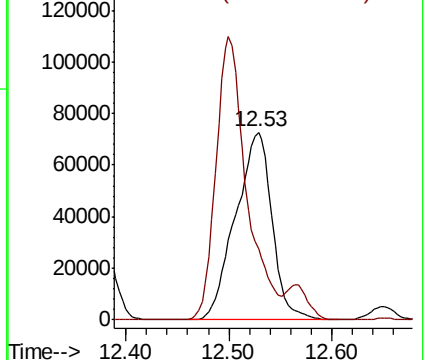
75 100

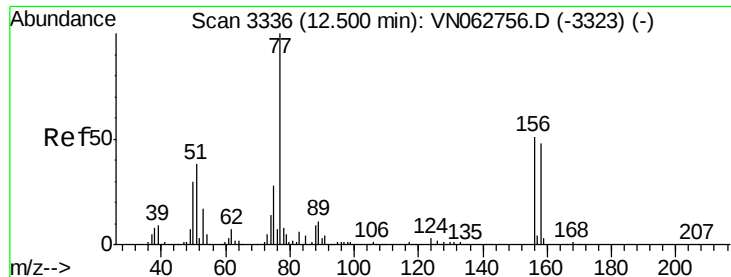
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

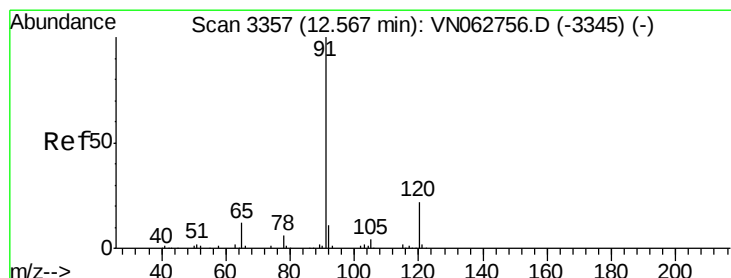
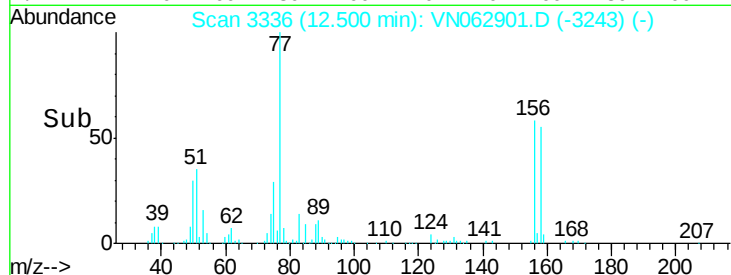
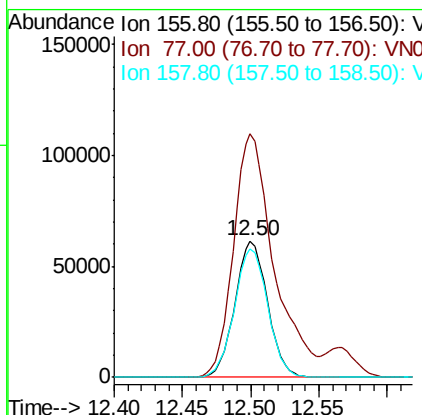
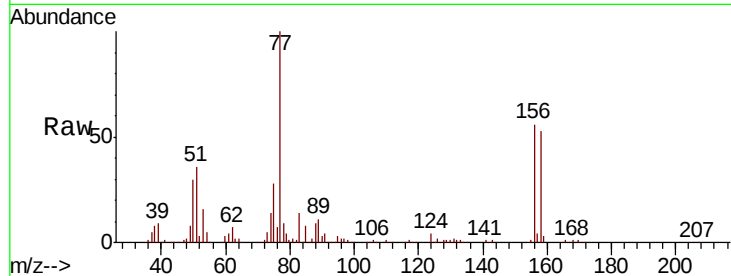




#77
Bromobenzene
Concen: 48.053 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

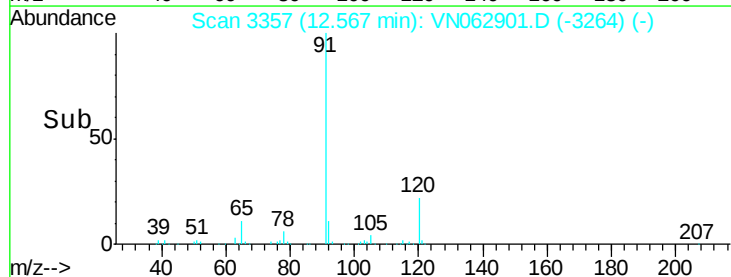
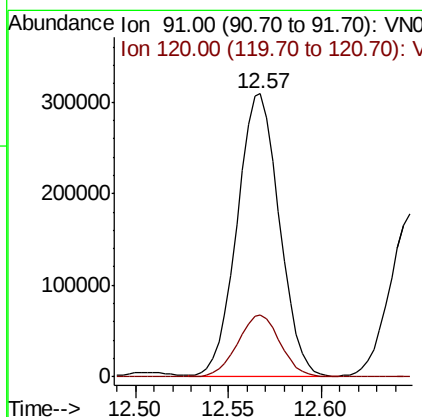
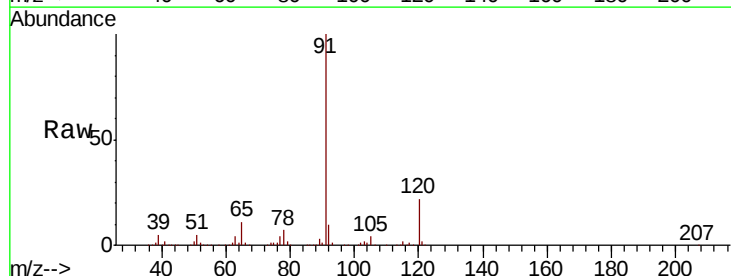
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

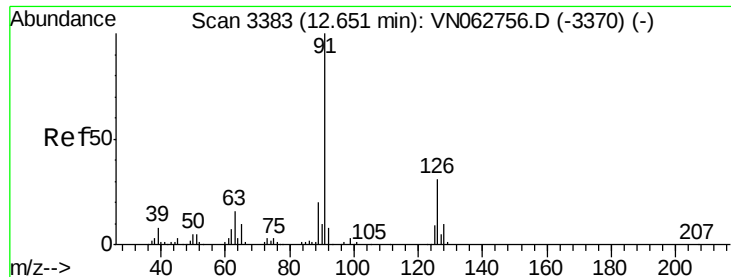
Tot Ion:156 Resp: 101780
Ion Ratio Lower Upper
156 100
77 223.0 119.7 359.1
158 96.7 48.1 144.3



#78
n-propylbenzene
Concen: 48.916 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion: 91 Resp: 489481
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

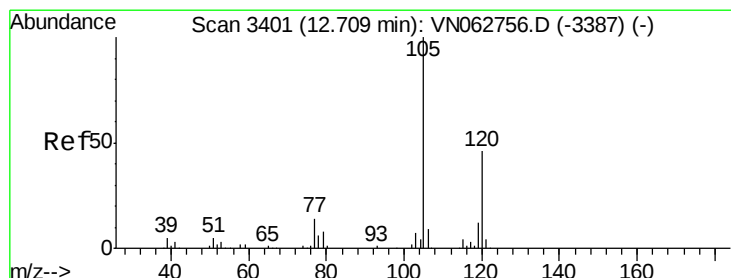
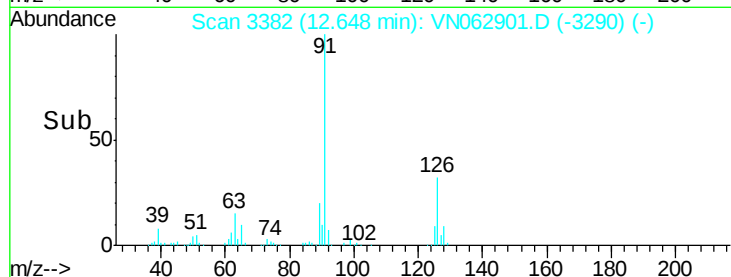
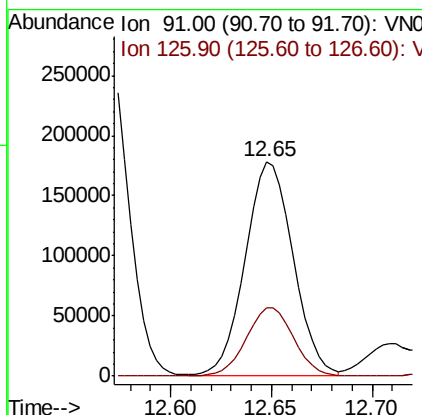
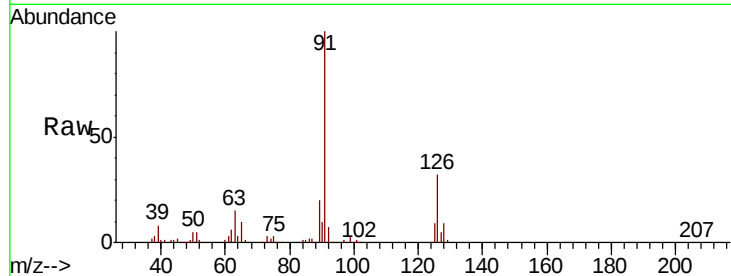




#79
 2-Chlorotoluene
 Concen: 47.384 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

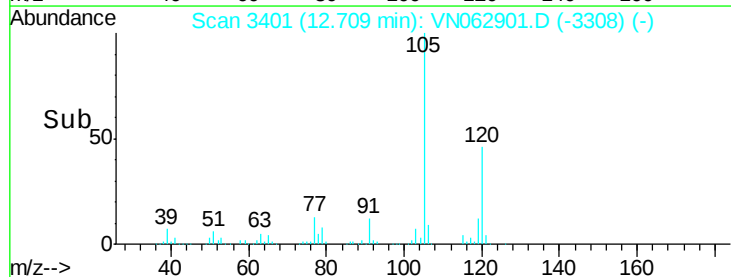
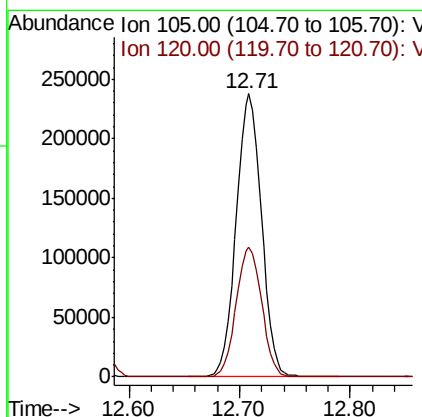
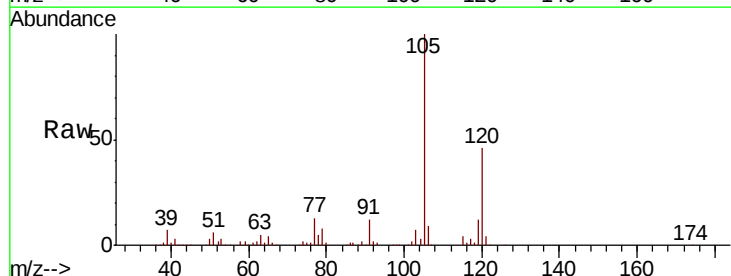
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

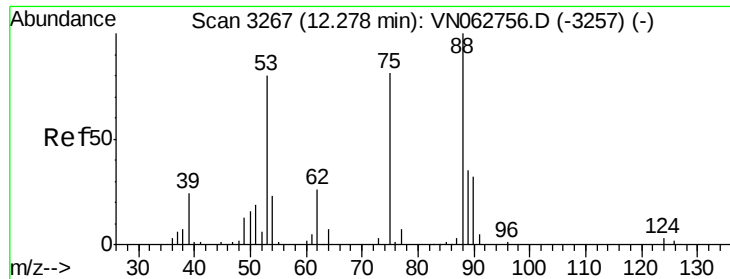
Tot Ion: 91 Resp: 297341
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.967 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion: 105 Resp: 376927
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 46.597 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

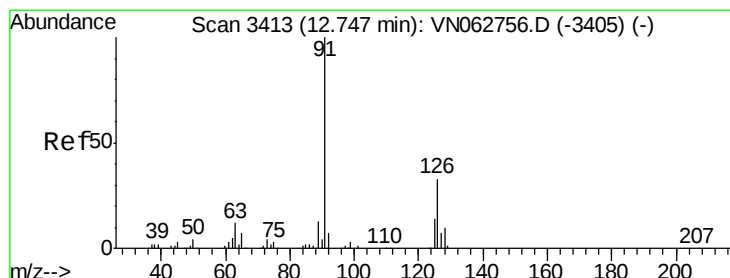
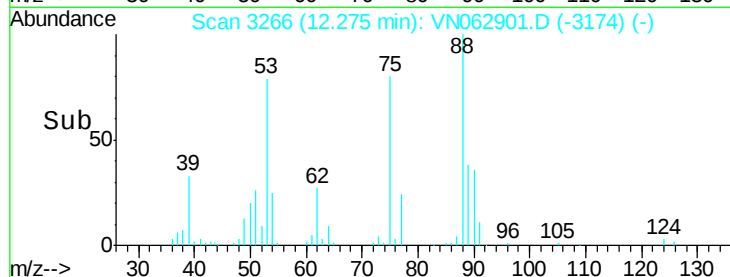
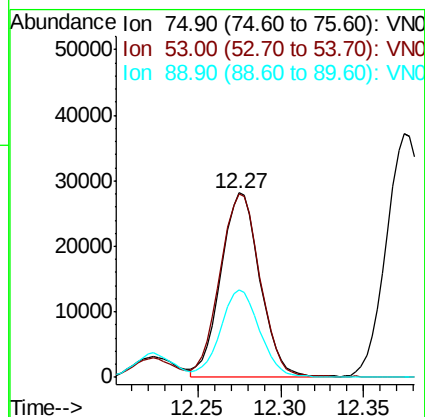
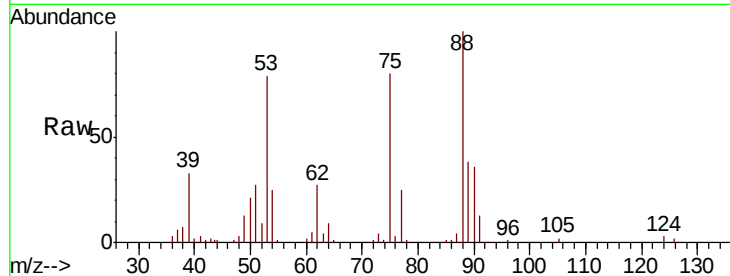
Tot Ion: 75 Resp: 46603

Ion Ratio Lower Upper

75 100

53 102.1 79.1 118.7

89 47.0 36.2 54.2



#82

4-Chlorotoluene

Concen: 48.645 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062901.D

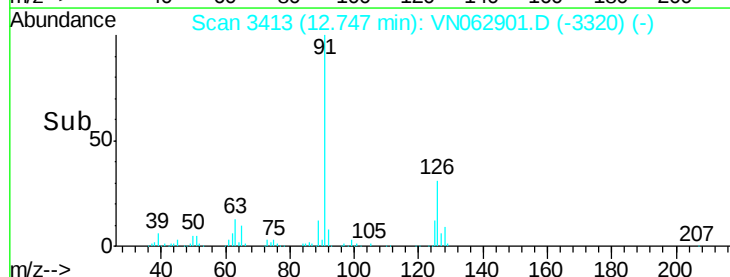
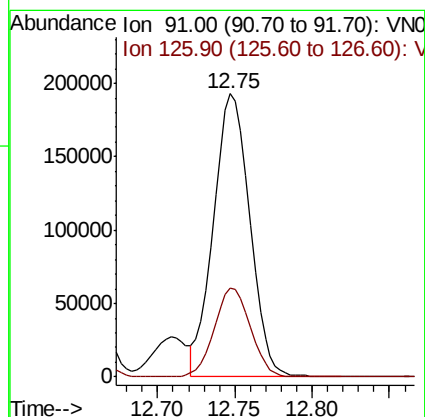
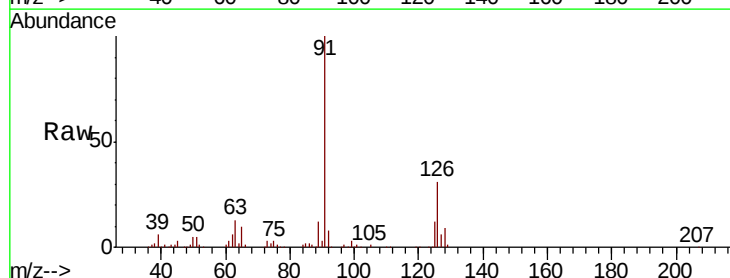
Acq: 13 Aug 2020 10:42

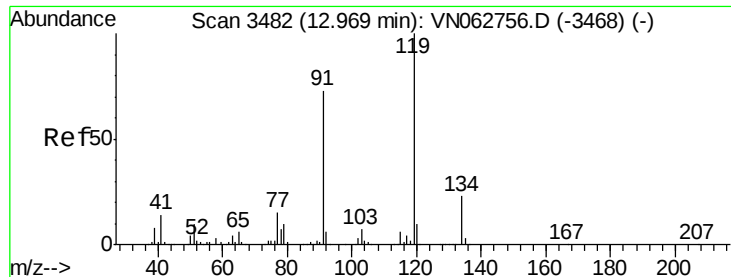
Tgt Ion: 91 Resp: 314568

Ion Ratio Lower Upper

91 100

126 31.2 15.3 45.9

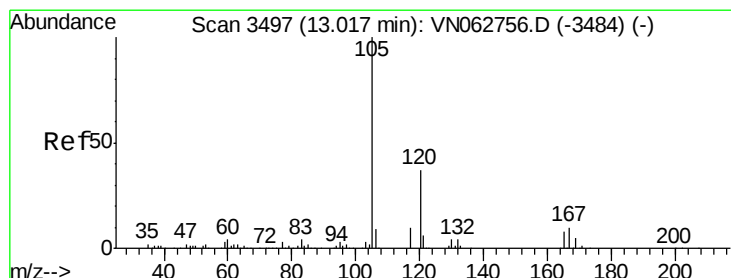
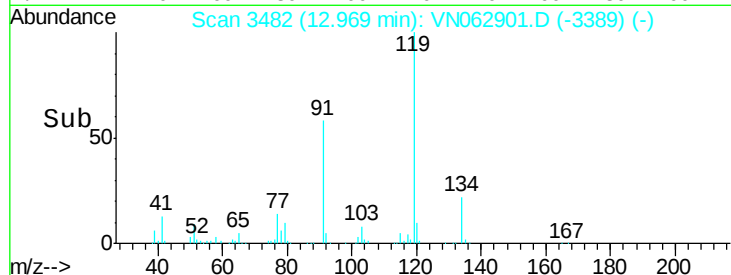
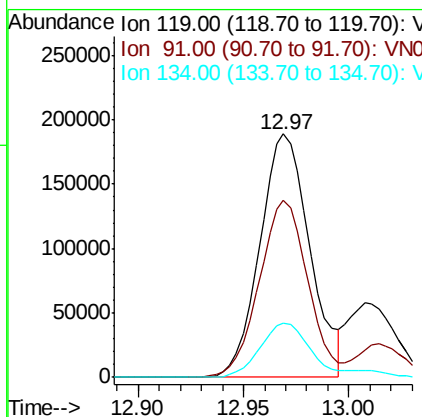
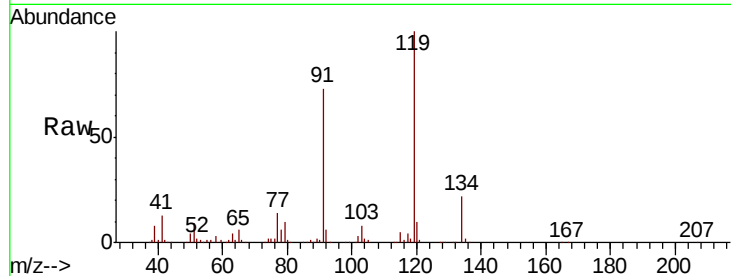




#83
 tert-Butylbenzene
 Concen: 49.711 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

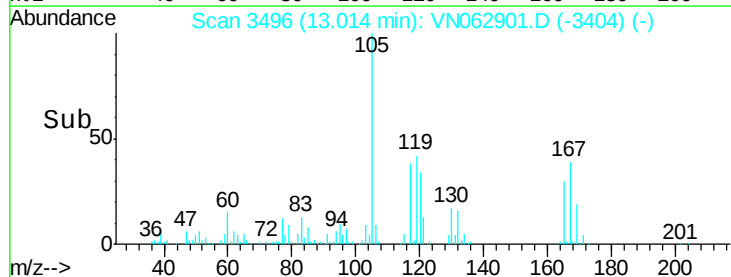
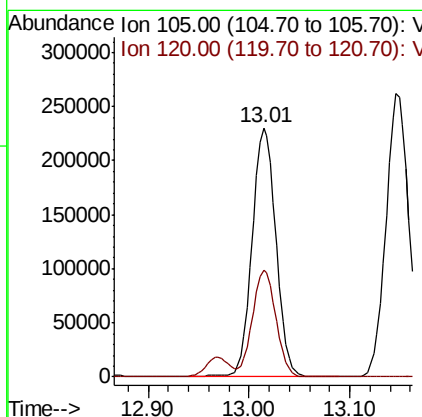
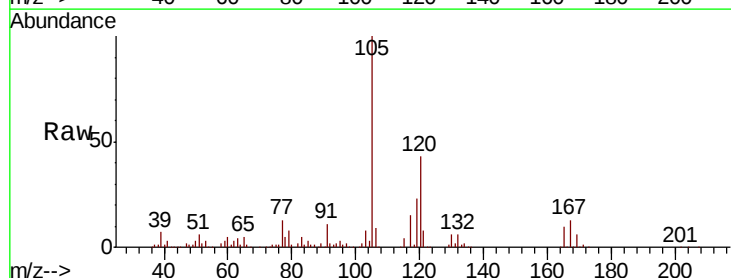
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

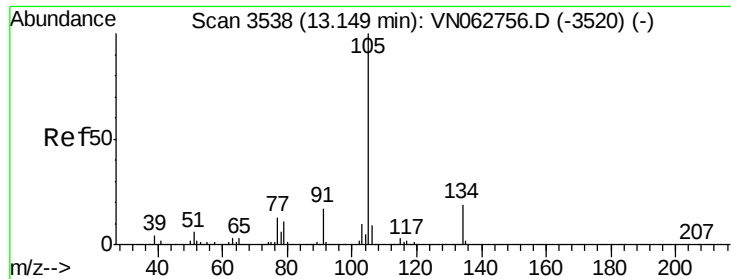
Tot Ion:119 Resp: 311084
 Ion Ratio Lower Upper
 119 100
 91 71.0 36.5 109.5
 134 22.2 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.914 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion:105 Resp: 374370
 Ion Ratio Lower Upper
 105 100
 120 42.3 21.4 64.2

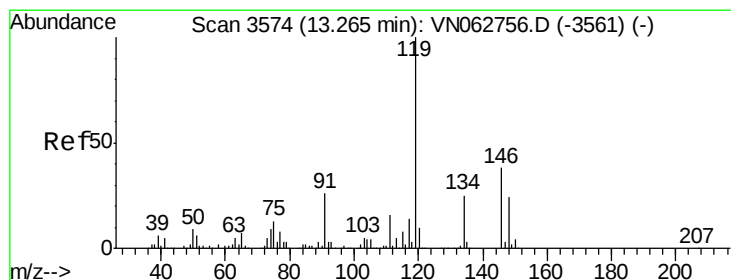
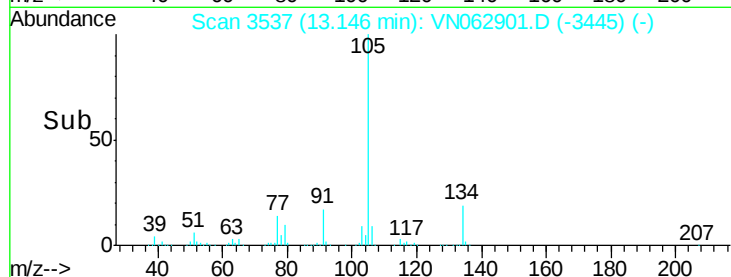
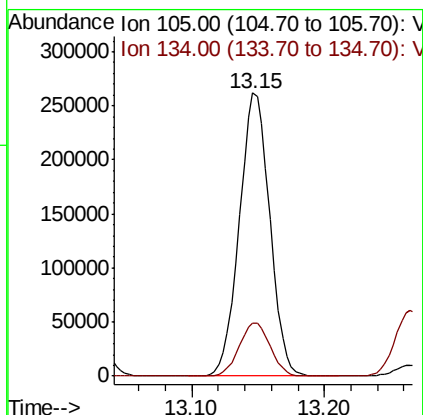
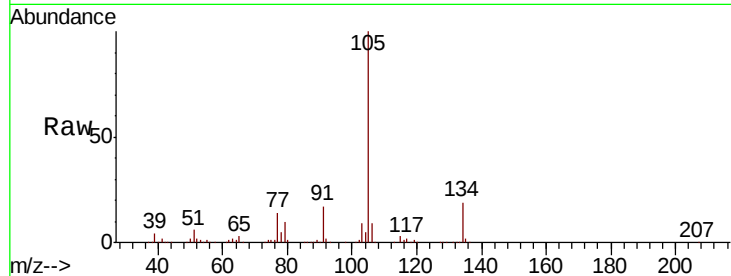




#85
 sec-Butylbenzene
 Concen: 50.769 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

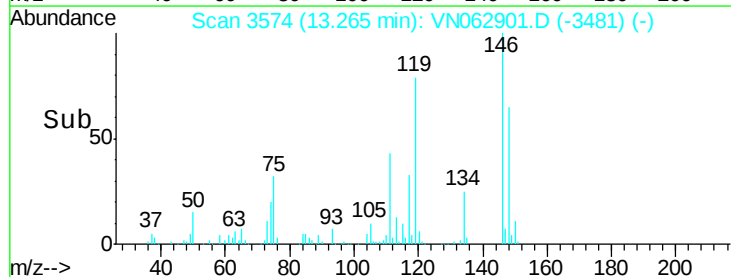
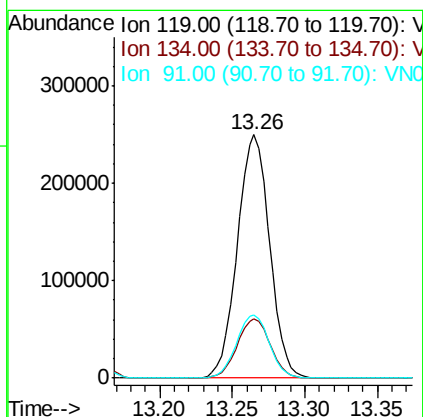
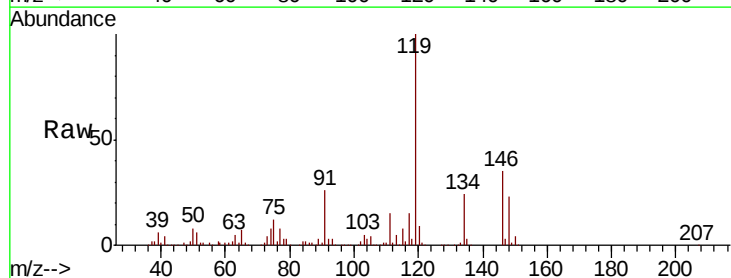
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

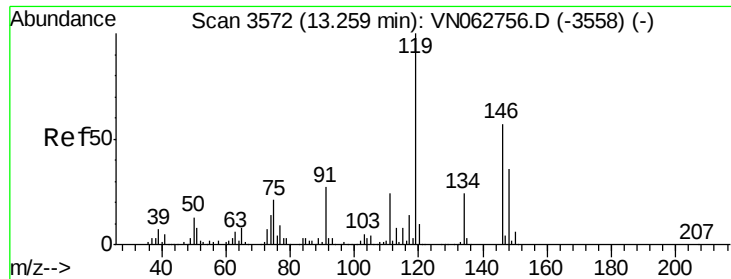
Tot Ion:105 Resp: 417204
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 52.778 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion:119 Resp: 384985
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 26.3 13.4 40.2

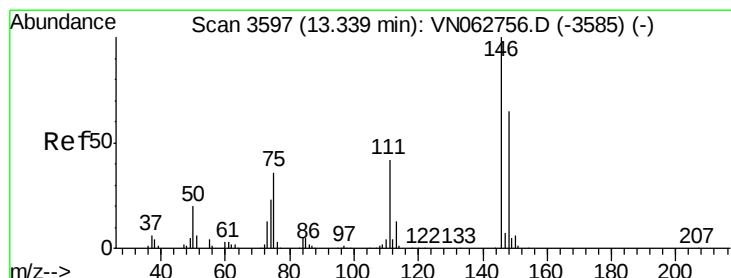
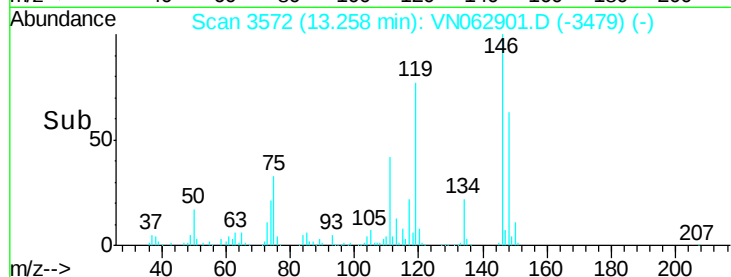
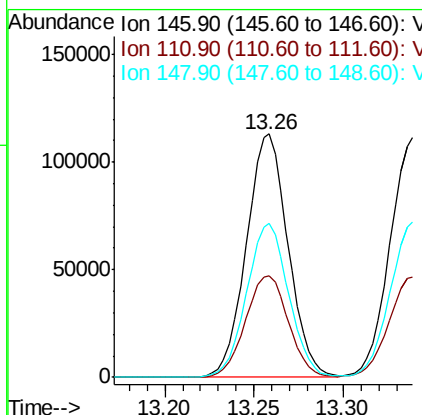
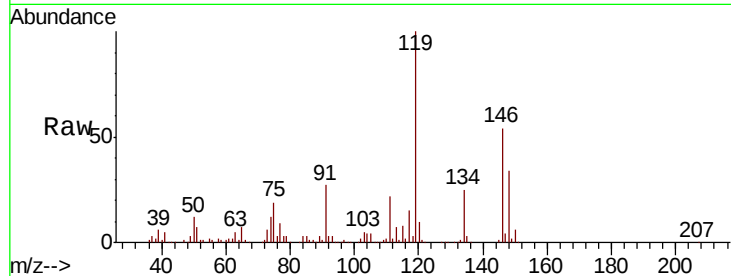




#87
 1,3-Dichlorobenzene
 Concen: 48.702 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

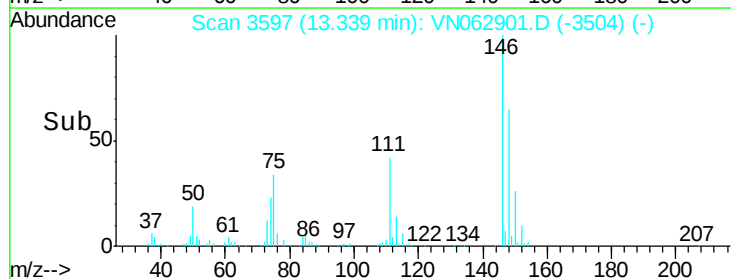
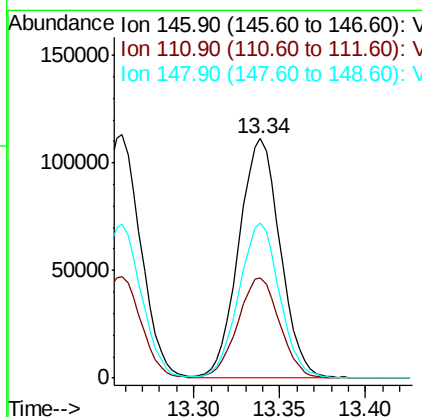
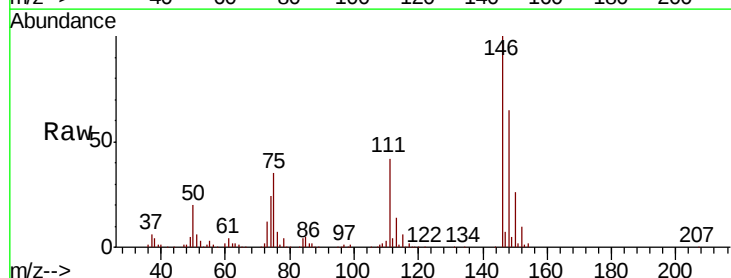
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

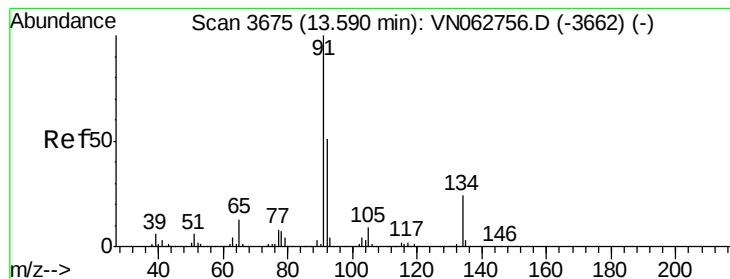
Tot Ion:146 Resp: 184282
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.7 65.1
 148 63.9 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 48.676 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion:146 Resp: 184735
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.6 64.6
 148 64.5 32.6 97.8





#89

n-Butylbenzene

Concen: 51.256 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

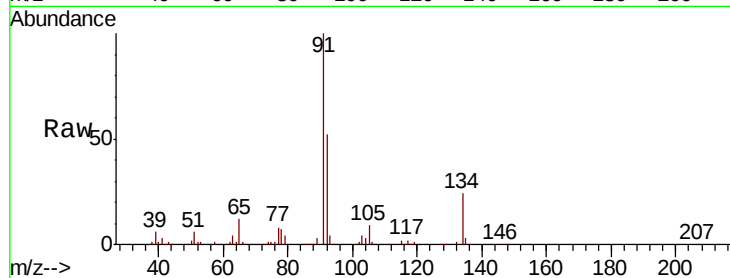
Tot Ion: 91 Resp: 316211

Ion Ratio Lower Upper

91 100

92 51.3 25.7 77.0

134 24.3 12.2 36.6

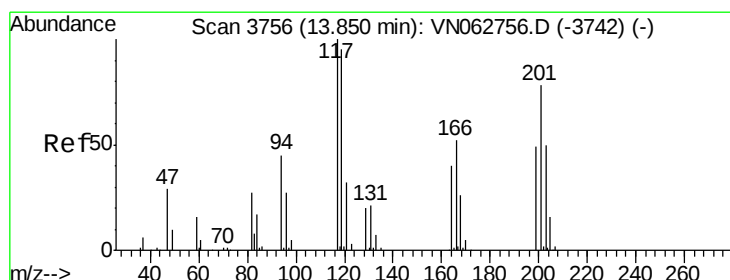
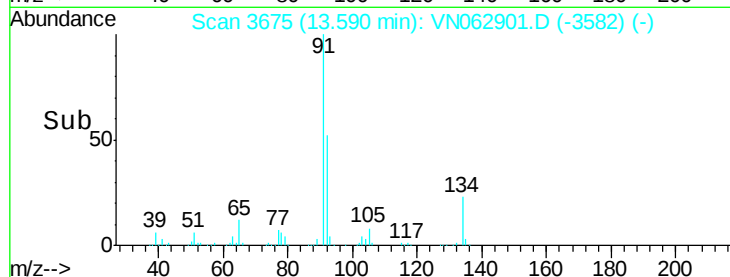


Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062756.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062756.D (-3662) (-)

Time-->



#90

Hexachloroethane

Concen: 44.369 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062901.D

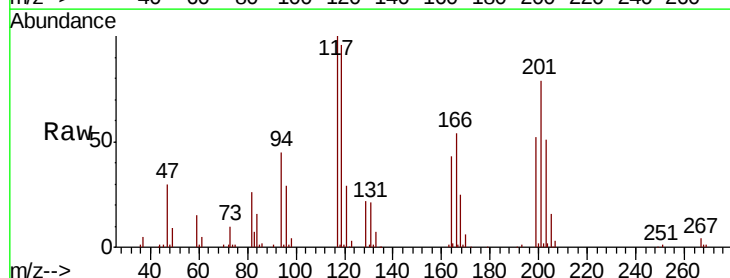
Acq: 13 Aug 2020 10:42

Tgt Ion: 117 Resp: 69762

Ion Ratio Lower Upper

117 100

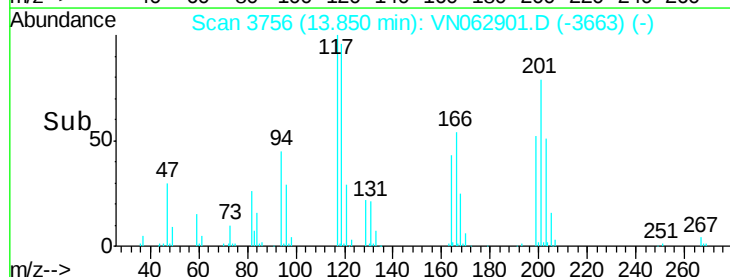
201 78.7 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062756.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062756.D (-3742) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 50.071 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

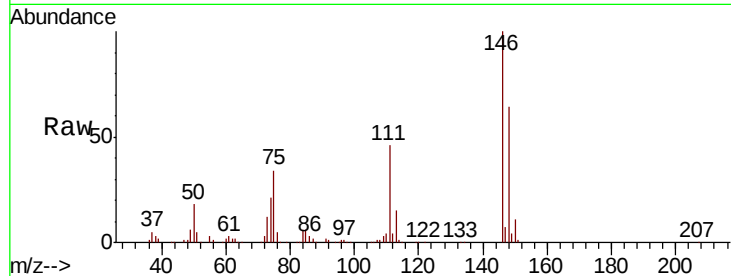
Tot Ion:146 Resp: 177626

Ion Ratio Lower Upper

146 100

111 45.5 22.8 68.4

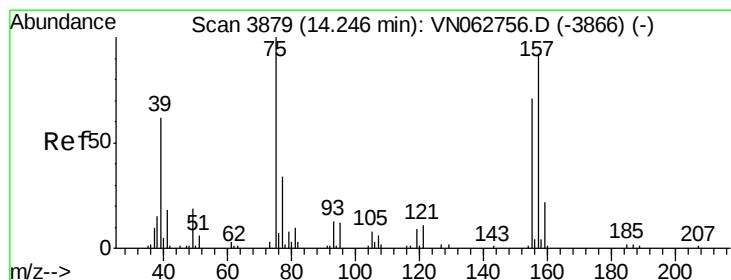
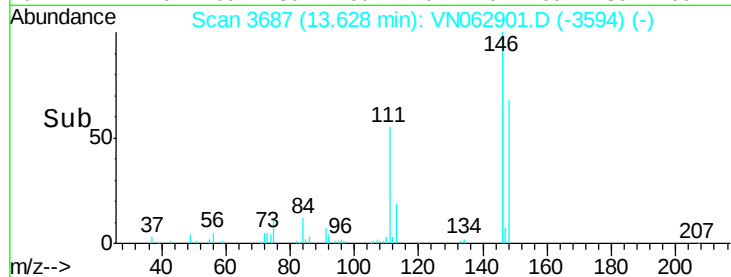
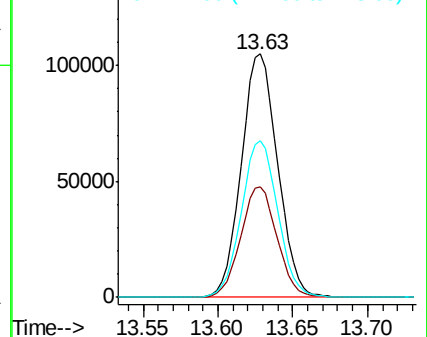
148 64.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.671 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062901.D

Acq: 13 Aug 2020 10:42

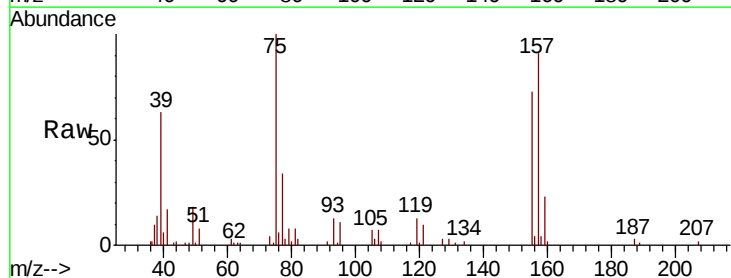
Tgt Ion: 75 Resp: 29423

Ion Ratio Lower Upper

75 100

155 71.1 35.0 105.1

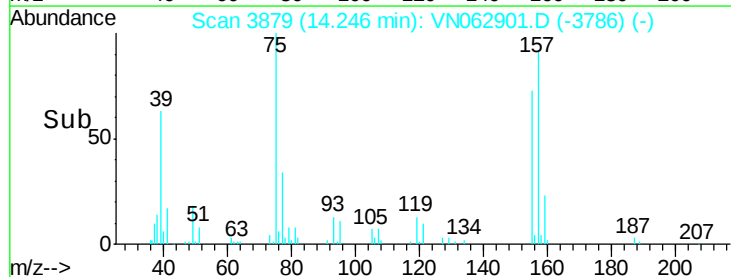
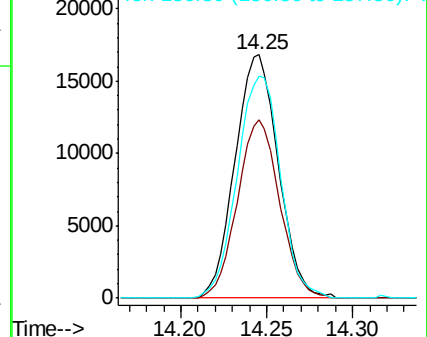
157 91.4 43.2 129.6



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

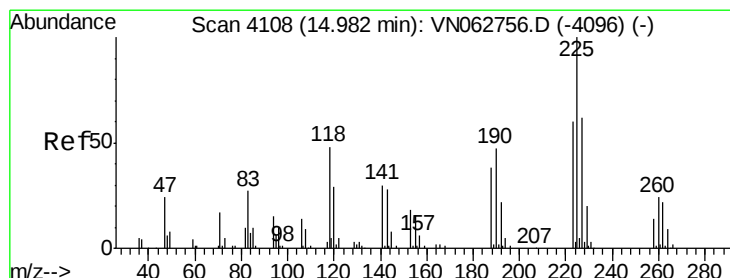
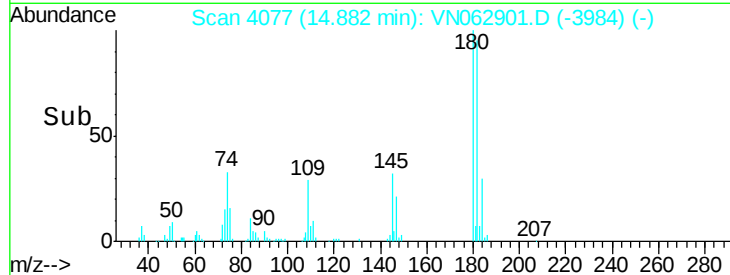
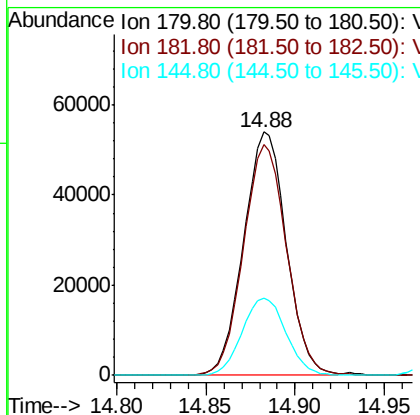
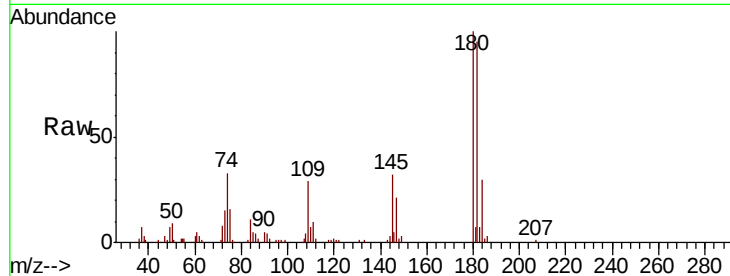




#93
 1,2,4-Trichlorobenzene
 Concen: 47.512 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

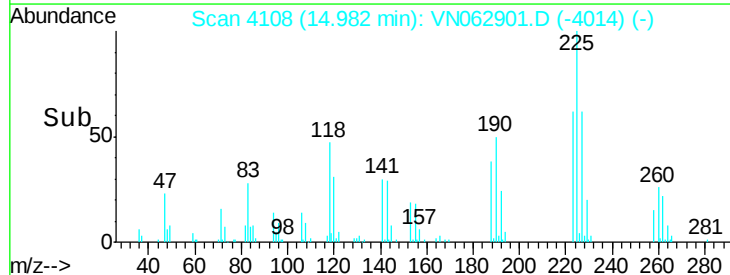
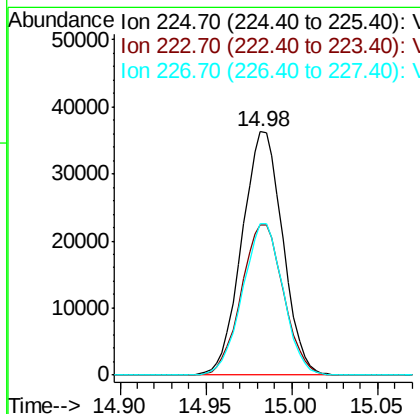
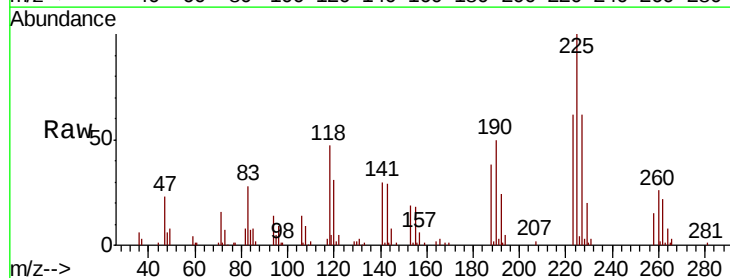
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

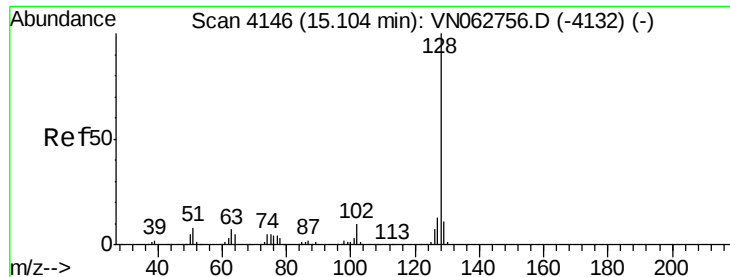
Tot Ion:180 Resp: 90183
 Ion Ratio Lower Upper
 180 100
 182 96.0 49.1 147.4
 145 32.5 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 53.602 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062901.D
 Acq: 13 Aug 2020 10:42

Tgt Ion:225 Resp: 59726
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.6 92.0
 227 61.6 31.6 95.0

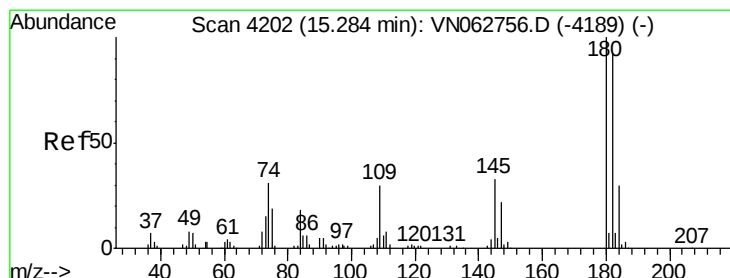
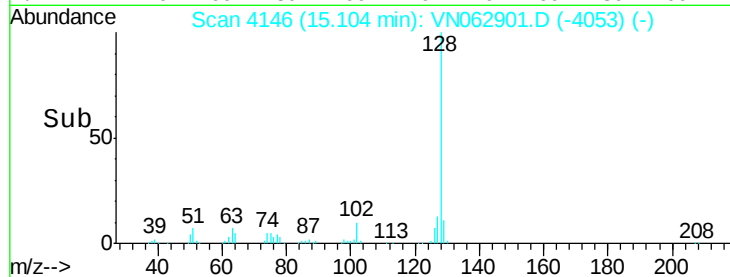
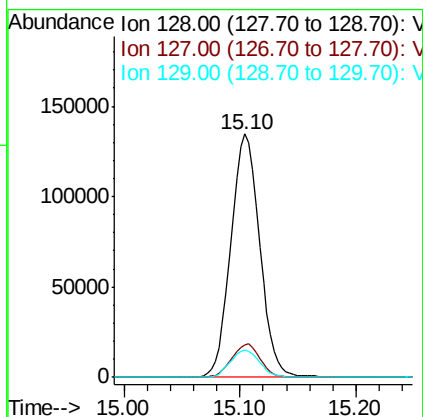
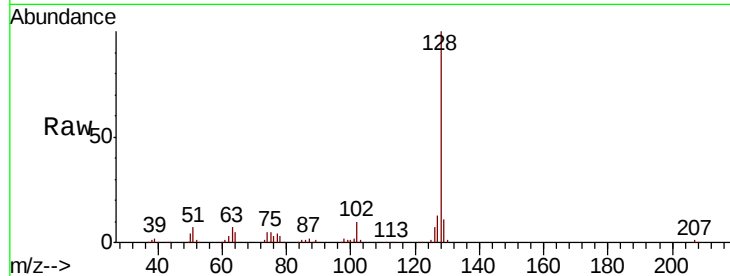




#95
Naphthalene
Concen: 44.856 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 231297
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.514 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062901.D
Acq: 13 Aug 2020 10:42

Tgt Ion:180 Resp: 90938
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.6
145 34.2 17.3 51.7

