

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062155.D
 Acq On : 26 Jun 2020 21:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 03:51:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	430882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	173741	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.55	113	138649	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	10.06	98	554634	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	193417	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	131665	48.215	ug/l	98
3) Chloromethane	2.03	50	165429	51.496	ug/l	99
4) Vinyl Chloride	2.16	62	202623	47.116	ug/l	98
5) Bromomethane	2.52	94	136843	49.235	ug/l	98
6) Chloroethane	2.66	64	138442	47.126	ug/l	98
7) Trichlorofluoromethane	2.98	101	253923	47.918	ug/l	97
8) Diethyl Ether	3.37	74	98225	53.084	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	135084	48.680	ug/l	99
10) Methyl Iodide	3.91	142	179973	57.588	ug/l	98
11) Tert butyl alcohol	4.73	59	133404	274.051	ug/l	99
12) 1,1-Dichloroethene	3.70	96	140343	50.591	ug/l	98
13) Acrolein	3.56	56	135460	284.227	ug/l	99
14) Allyl chloride	4.27	41	195369	51.727	ug/l	99
15) Acrylonitrile	4.93	53	352406	265.665	ug/l	99
16) Acetone	3.77	43	272602	256.260	ug/l	98
17) Carbon Disulfide	4.01	76	379631	47.780	ug/l	99
18) Methyl Acetate	4.27	43	140727	52.215	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	485901	54.815	ug/l	99
20) Methylene Chloride	4.50	84	165641	53.234	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	152283	48.187	ug/l	95
22) Diisopropyl ether	5.90	45	453558	52.742	ug/l	99
23) Vinyl Acetate	5.84	43	1905704	271.425	ug/l	99
24) 1,1-Dichloroethane	5.80	63	279181	50.415	ug/l	99
25) 2-Butanone	6.79	43	439433	265.169	ug/l	99
26) 2,2-Dichloropropane	6.78	77	201614	43.690	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	182950	51.447	ug/l	96
28) Bromochloromethane	7.15	49	116816	48.619	ug/l	99
29) Tetrahydrofuran	7.17	42	294551	271.343	ug/l	99
30) Chloroform	7.33	83	285592	50.689	ug/l	99
31) Cyclohexane	7.61	56	233349	49.817	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	244875	51.537	ug/l	100
36) 1,1-Dichloropropene	7.75	75	214159	49.448	ug/l	99
37) Ethyl Acetate	6.88	43	189937	52.962	ug/l	98
38) Carbon Tetrachloride	7.73	117	203309	49.792	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	248522	52.371	ug/l	98
40) Benzene	8.00	78	656426	49.727	ug/l	100
41) Methacrylonitrile	7.12	41	75234	45.250	ug/l	89
42) 1,2-Dichloroethane	8.09	62	222714	49.935	ug/l	100
43) Isopropyl Acetate	8.12	43	318409	54.464	ug/l #	91
44) Trichloroethene	8.80	130	166809	50.094	ug/l	100
45) 1,2-Dichloropropane	9.08	63	169728	52.117	ug/l	97
46) Dibromomethane	9.18	93	111969	50.710	ug/l	99
47) Bromodichloromethane	9.37	83	228000	51.140	ug/l	99
48) Methyl methacrylate	9.17	41	141303	53.906	ug/l	99
49) 1,4-Dioxane	9.17	88	61320	1054.865	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	954234	279.365	ug/l	100
52) Toluene	10.12	92	419756	52.115	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	252523	51.483	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	272685	52.218	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	164935	52.093	ug/l	98
56) Ethyl methacrylate	10.40	69	243652	57.665	ug/l	100
57) 1,3-Dichloropropane	10.68	76	284076	52.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	446915	248.532	ug/l	100
59) 2-Hexanone	10.72	43	695665	282.047	ug/l	100
60) Dibromochloromethane	10.87	129	178250	53.177	ug/l	97
61) 1,2-Dibromoethane	10.98	107	167069	51.354	ug/l	99
64) Tetrachloroethene	10.60	164	133259	48.386	ug/l	99
65) Chlorobenzene	11.41	112	445259	50.290	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	159481	52.091	ug/l	99
67) Ethyl Benzene	11.48	91	792959	53.030	ug/l	100
68) m/p-Xylenes	11.60	106	609941	105.460	ug/l	99
69) o-Xylene	11.92	106	293663	53.815	ug/l	98
70) Styrene	11.94	104	495228	54.416	ug/l	99
71) Bromoform	12.10	173	116600	53.565	ug/l #	99
73) Isopropylbenzene	12.22	105	785544	53.357	ug/l	99
74) N-amyl acetate	12.05	43	285185	52.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	244624	49.930	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	304554	68.021	ug/l #	100
77) Bromobenzene	12.50	156	181977	49.787	ug/l	99
78) n-propylbenzene	12.56	91	889770	52.835	ug/l	100
79) 2-Chlorotoluene	12.65	91	521877	51.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	641793	53.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	78362	51.112	ug/l	98
82) 4-Chlorotoluene	12.75	91	541929	51.475	ug/l	99
83) tert-Butylbenzene	12.97	119	543721	53.233	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	646618	54.247	ug/l	100
85) sec-Butylbenzene	13.15	105	747138	55.358	ug/l	100
86) p-Isopropyltoluene	13.26	119	660606	55.868	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	328692	51.211	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	326213	49.306	ug/l	100
89) n-Butylbenzene	13.59	91	548147	55.759	ug/l	100
90) Hexachloroethane	13.85	117	121734	52.473	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	323054	51.905	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	42184	53.748	ug/l	98

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QLast Update : Wed Jun 24 15:33:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	152711	56.165	ug/l	98
94) Hexachlorobutadiene	14.98	225	65582	55.535	ug/l	99
95) Naphthalene	15.10	128	448532	49.518	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	151983	54.667	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

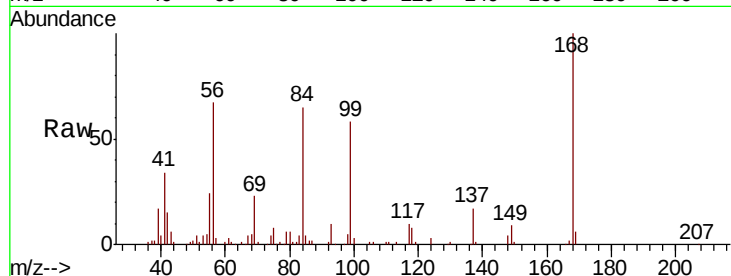
VSTDCCC050

Tot Ion:168 Resp: 241595

Ion Ratio Lower Upper

168 100

99 58.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062059.D (-1800) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1800) (-)

7.63

100000

80000

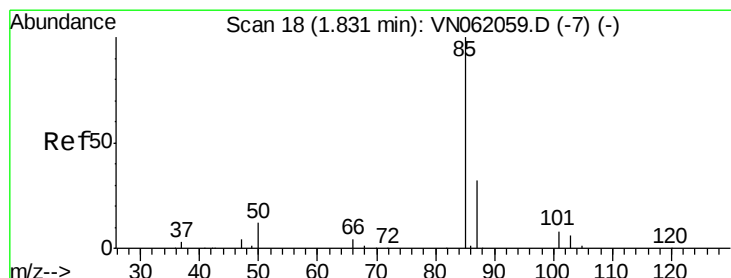
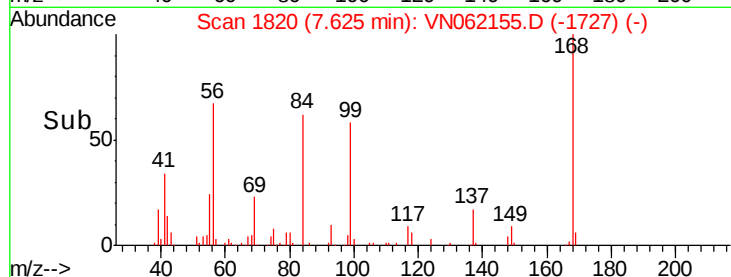
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 48.215 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062155.D

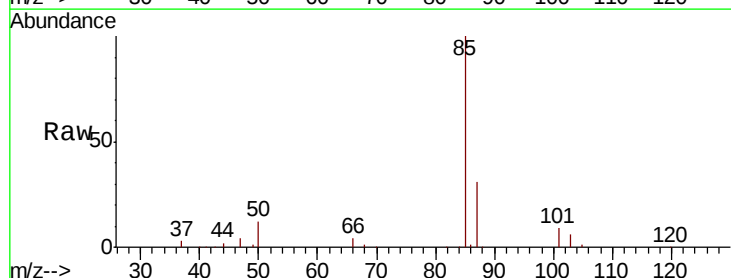
Acq: 26 Jun 2020 21:51

Tgt Ion: 85 Resp: 131665

Ion Ratio Lower Upper

85 100

87 30.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN062059.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VN062059.D (-7) (-)

1.83

100000

80000

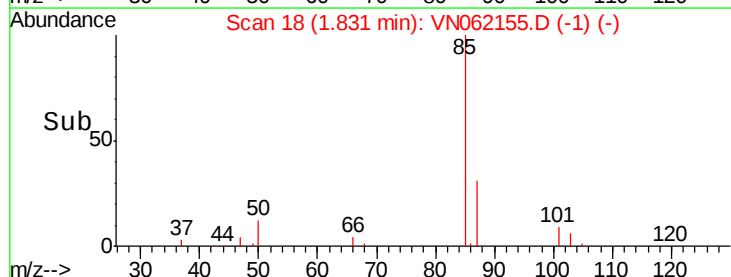
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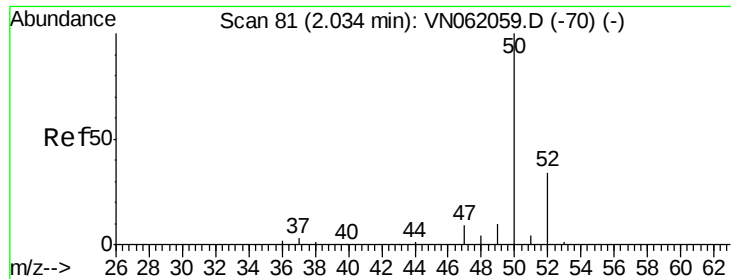
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 51.496 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

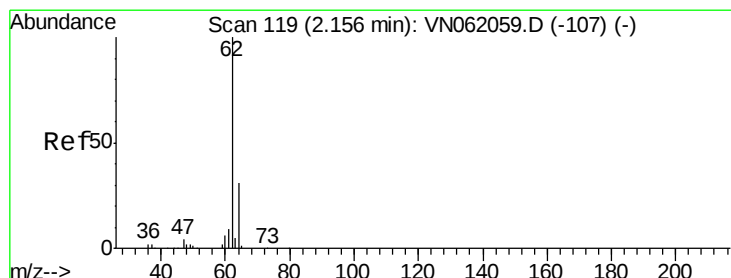
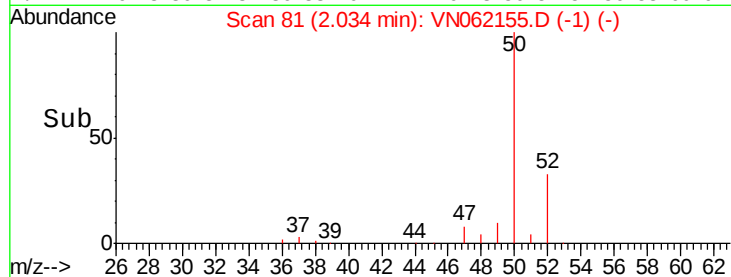
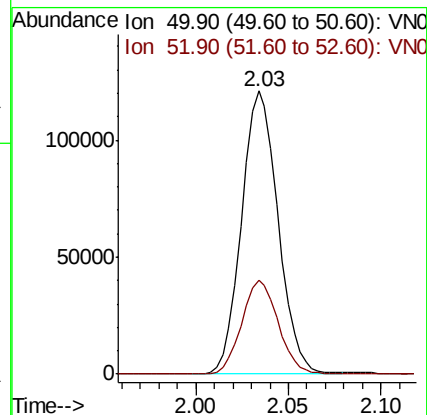
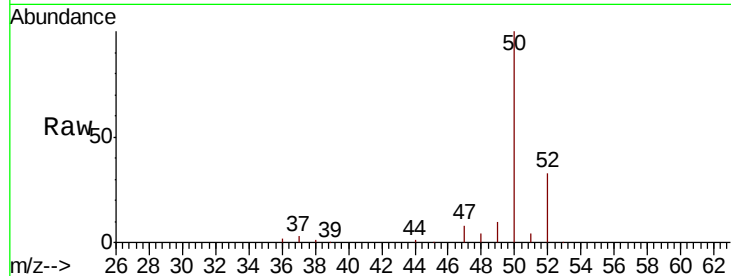
VSTDCCC050

Tot Ion: 50 Resp: 165429

Ion Ratio Lower Upper

50 100

52 33.2 27.0 40.6



#4

Vinyl Chloride

Concen: 47.116 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062155.D

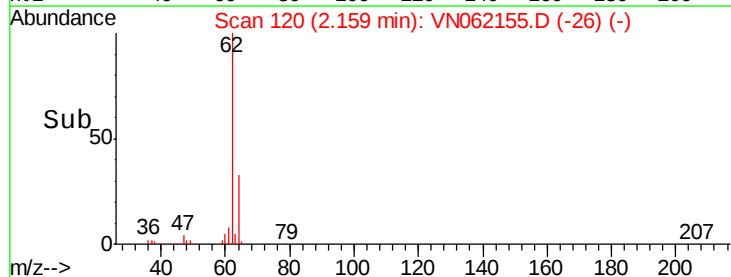
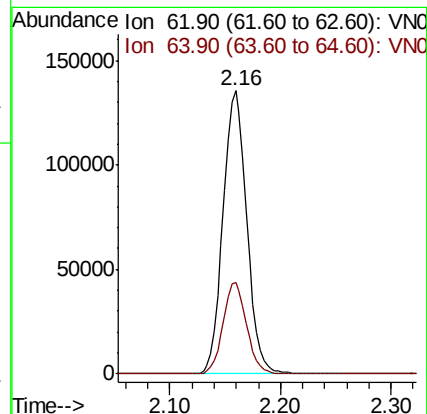
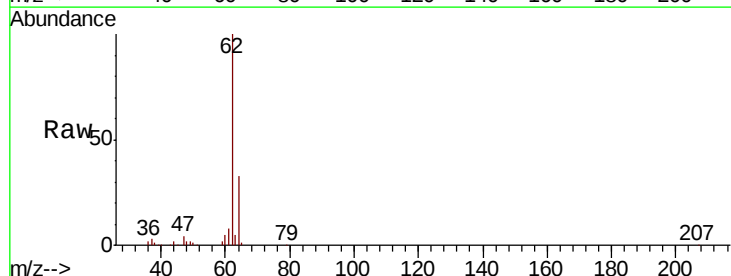
Acq: 26 Jun 2020 21:51

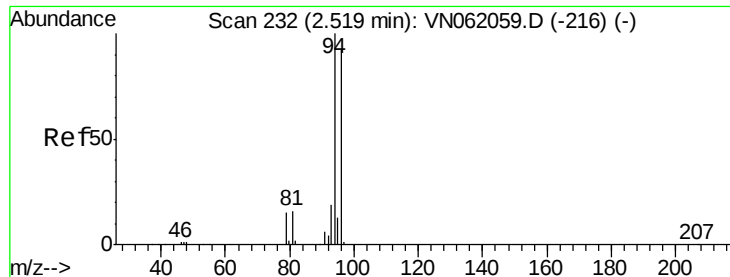
Tgt Ion: 62 Resp: 202623

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 49.235 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

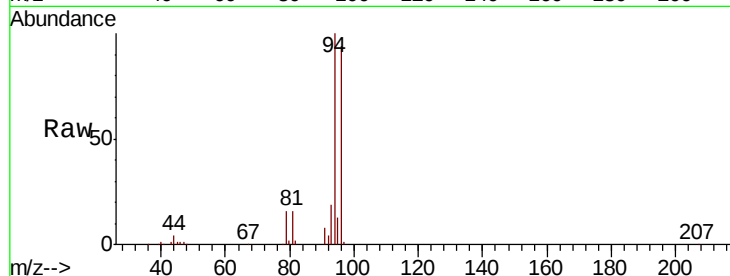
VSTDCCC050

Tot Ion: 94 Resp: 136843

Ion Ratio Lower Upper

94 100

96 93.5 73.4 110.2

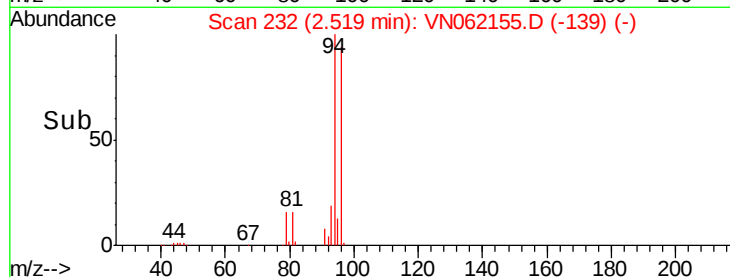


Abundance Ion 93.90 (93.60 to 94.60): VN062155.D (-139) (-)

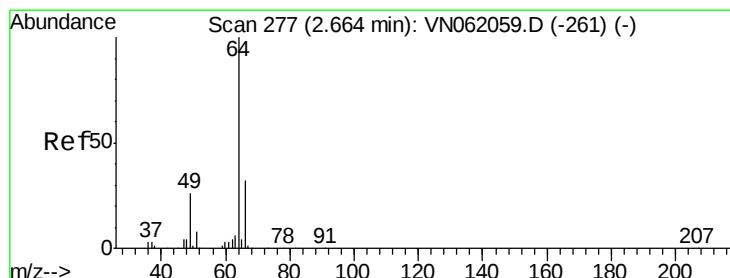
Ion 95.90 (95.60 to 96.60): VN062155.D (-139) (-)

2.52

Time-->



Time-->



#6

Chloroethane

Concen: 47.126 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062155.D

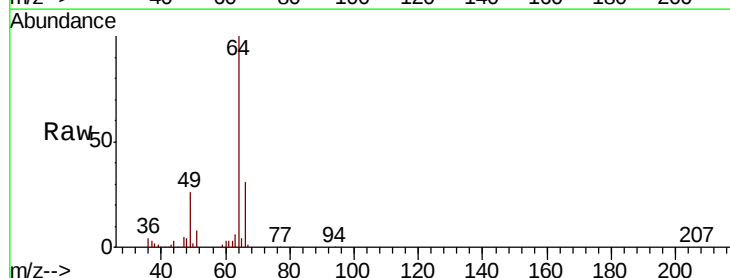
Acq: 26 Jun 2020 21:51

Tgt Ion: 64 Resp: 138442

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.6

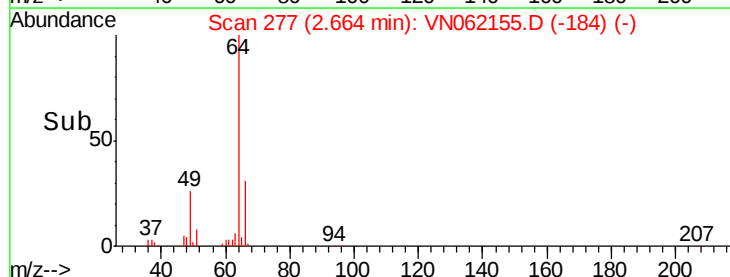


Abundance Ion 63.90 (63.60 to 64.60): VN062155.D (-184) (-)

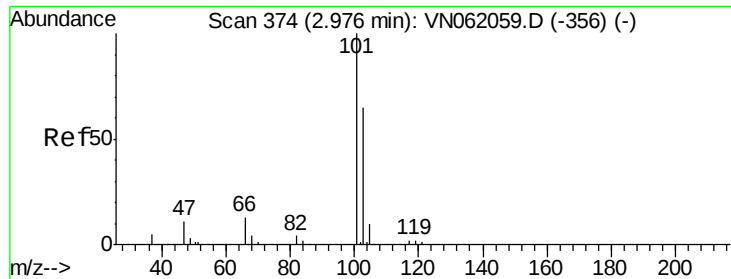
Ion 65.90 (65.60 to 66.60): VN062155.D (-184) (-)

2.66

Time-->



Time-->

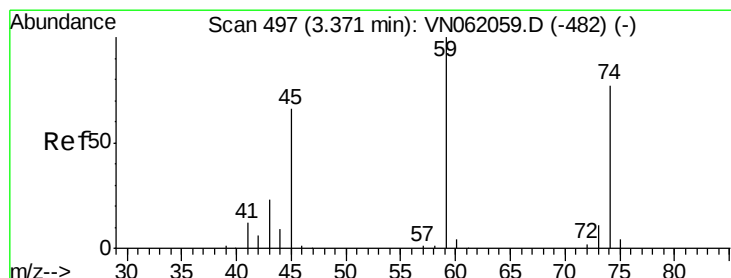
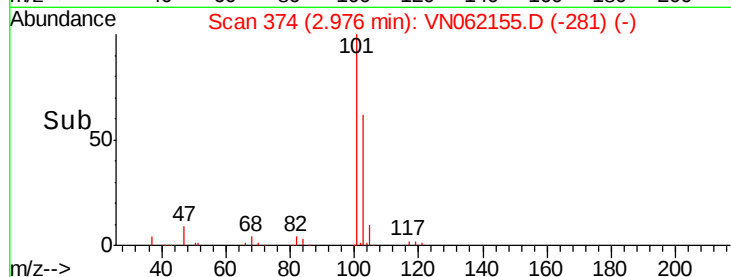
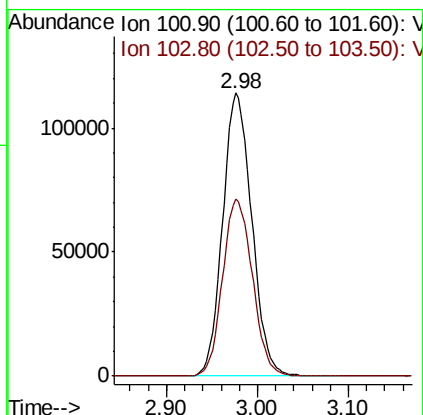
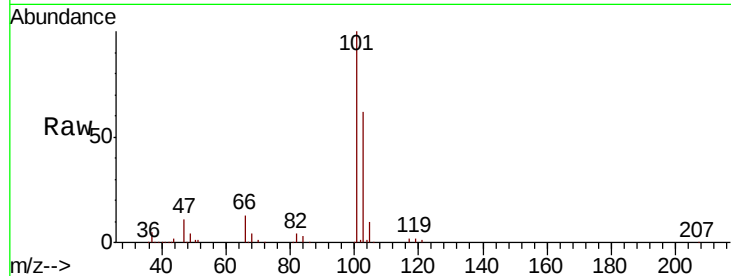


#7

Trichlorofluoromethane
 Concen: 47.918 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062155.D
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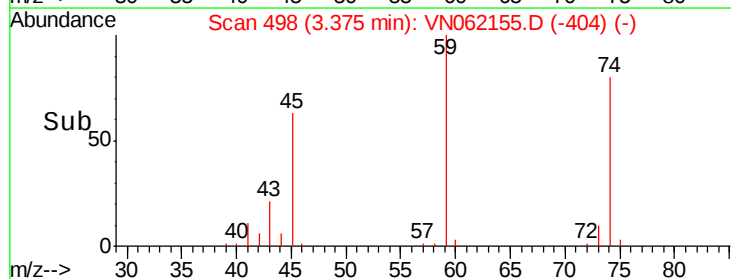
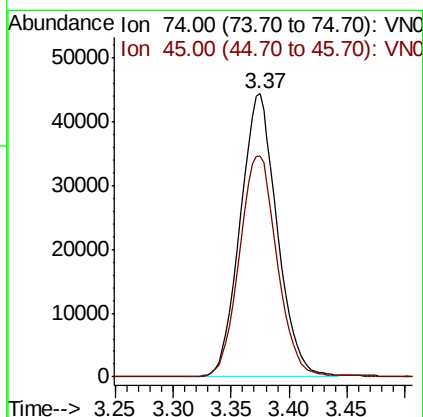
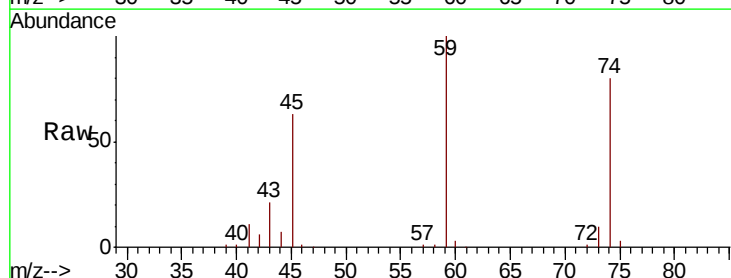
Tot Ion:101 Resp: 253923
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.8 77.6

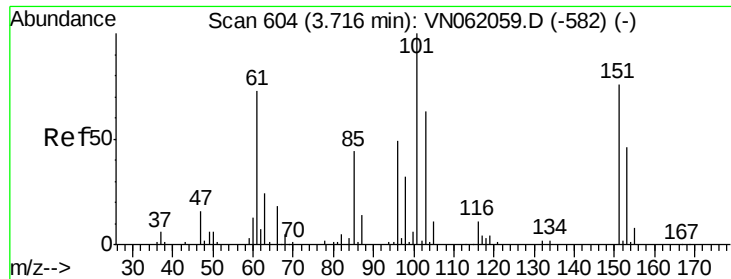


#8

Diethyl Ether
 Concen: 53.084 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion: 74 Resp: 98225
 Ion Ratio Lower Upper
 74 100
 45 79.6 42.5 127.5

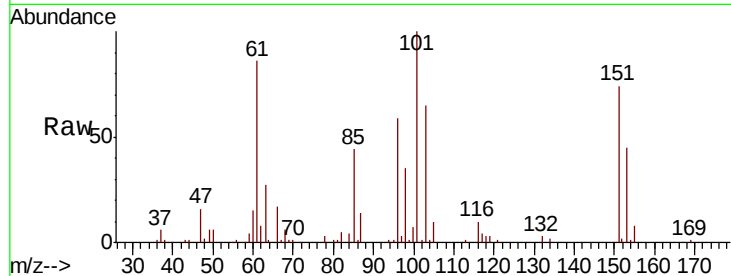




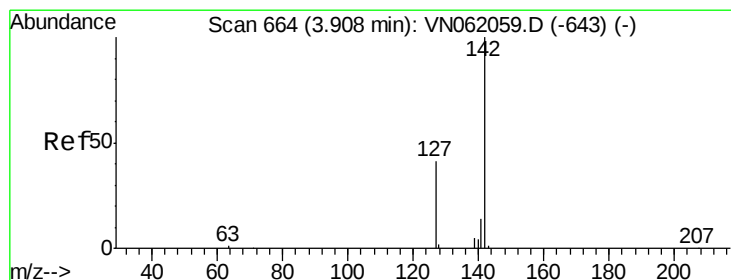
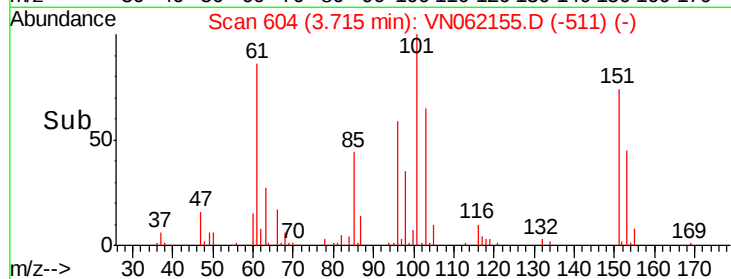
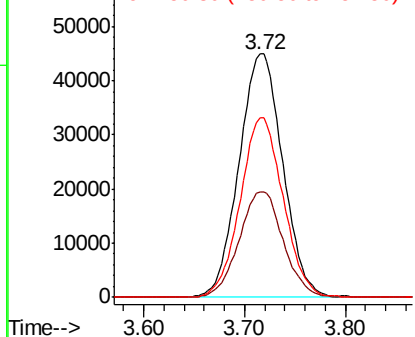
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.680 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 135084
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.5 51.7
 151 72.6 57.8 86.8

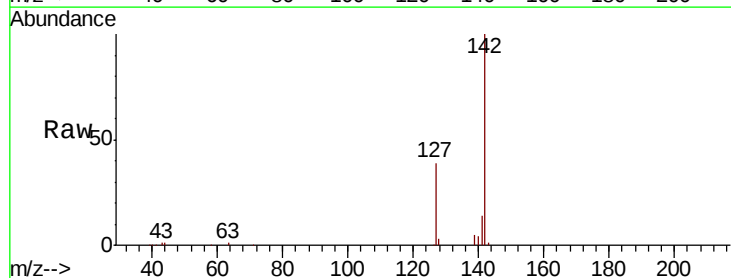


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

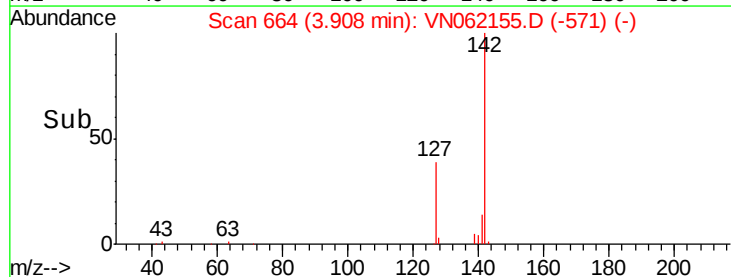
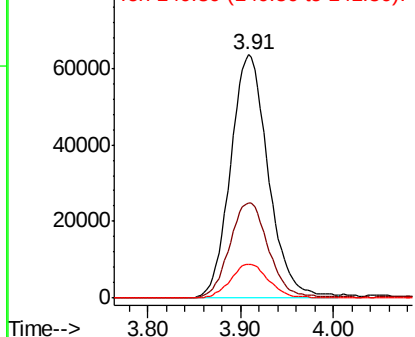


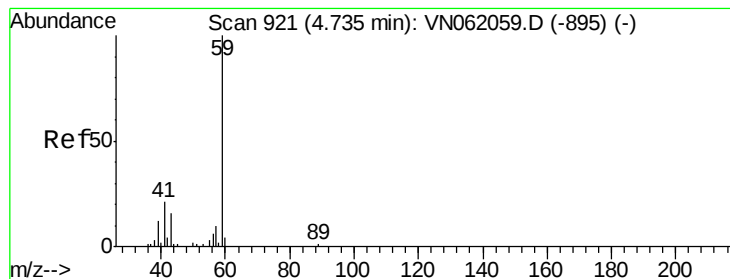
#10
 Methyl Iodide
 Concen: 57.588 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion:142 Resp: 179973
 Ion Ratio Lower Upper
 142 100
 127 40.5 33.6 50.4
 141 14.0 11.3 16.9



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



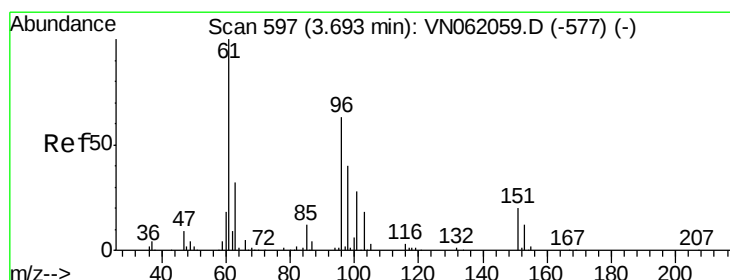
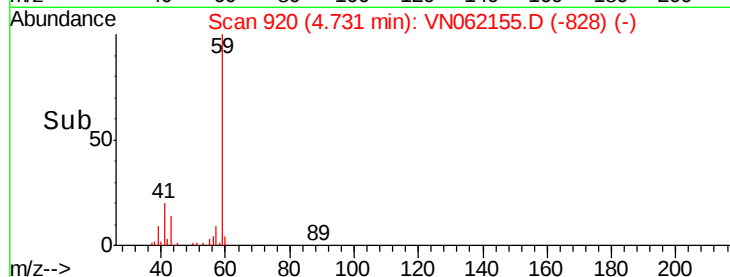
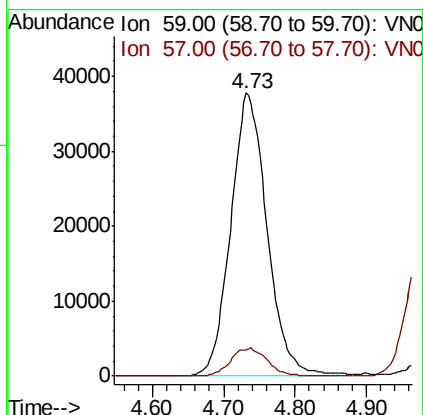
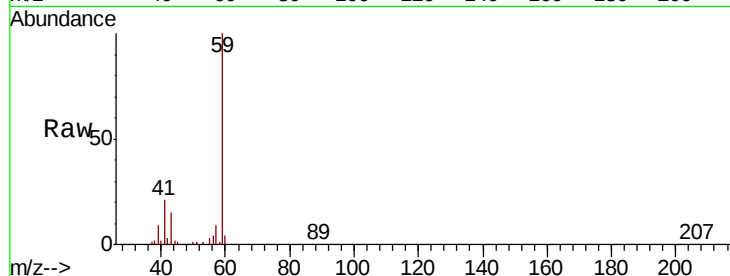


#11

Tert butyl alcohol
 Concen: 274.051 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

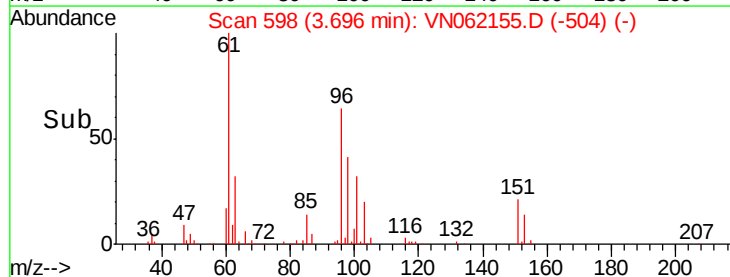
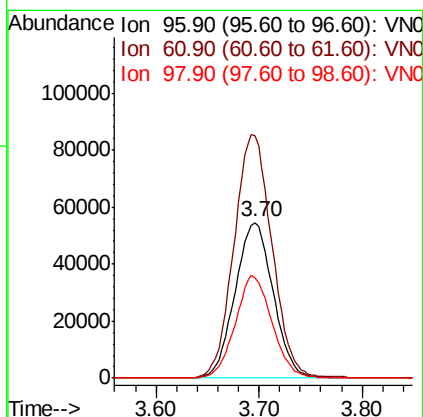
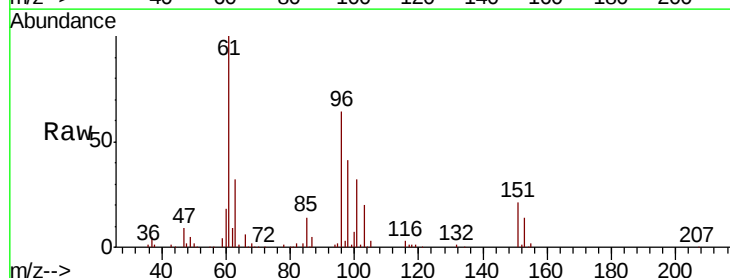
Tot Ion: 59 Resp: 133404
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

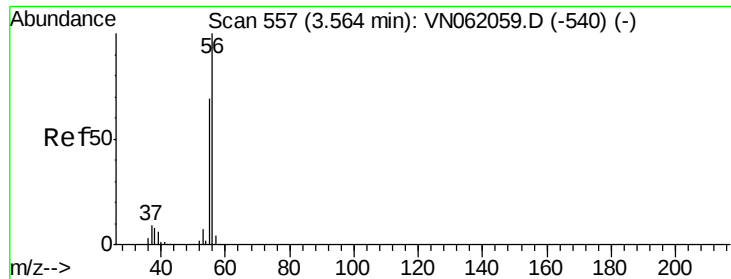


#12

1,1-Dichloroethene
 Concen: 50.591 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion: 96 Resp: 140343
 Ion Ratio Lower Upper
 96 100
 61 156.2 126.7 190.1
 98 64.6 51.0 76.4





#13

Acrolein

Concen: 284.227 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

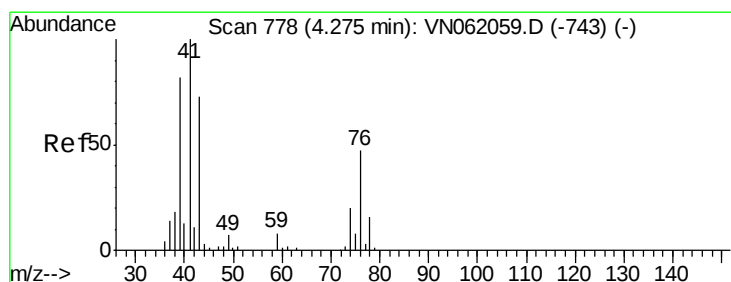
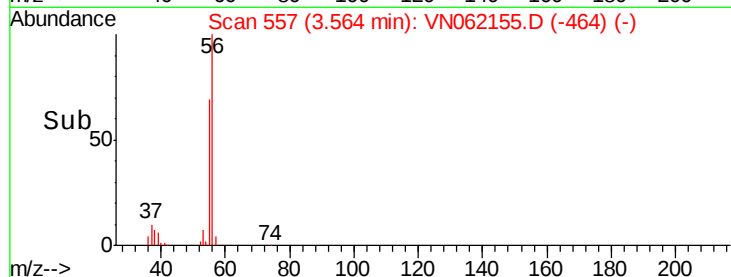
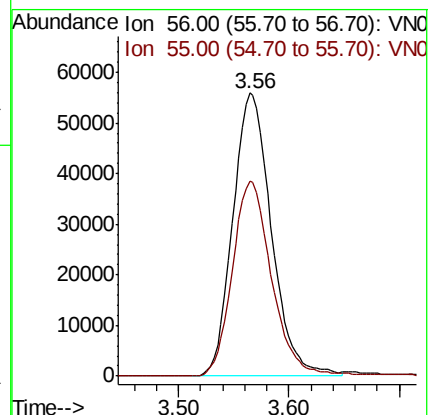
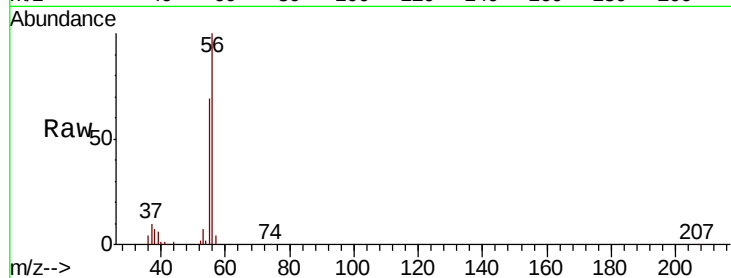
VSTDCCC050

Tot Ion: 56 Resp: 135460

Ion Ratio Lower Upper

56 100

55 70.3 55.5 83.3



#14

Allyl chloride

Concen: 51.727 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

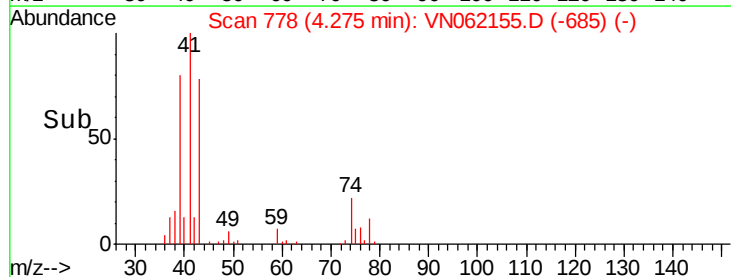
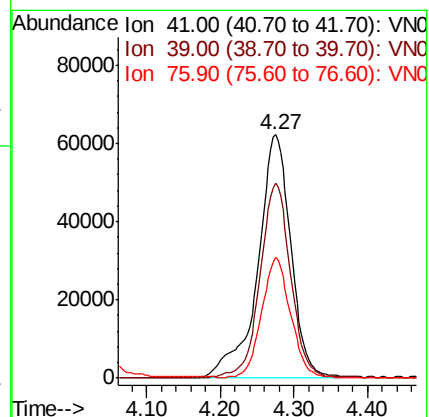
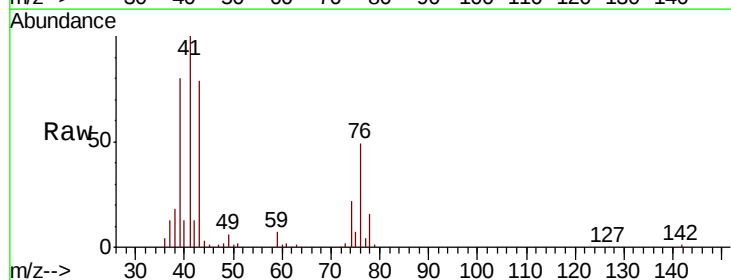
Tgt Ion: 41 Resp: 195369

Ion Ratio Lower Upper

41 100

39 73.8 60.0 90.0

76 43.4 34.1 51.1





#15

Acrylonitrile

Concen: 265.665 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

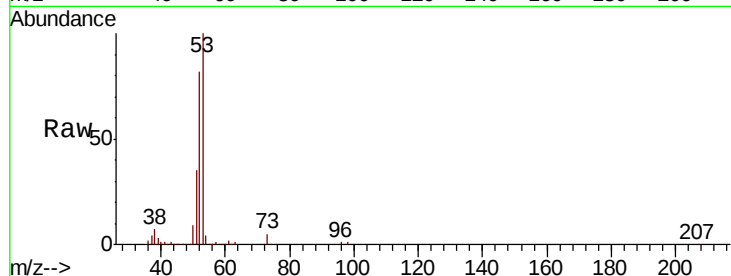
Tot Ion: 53 Resp: 352406

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.4

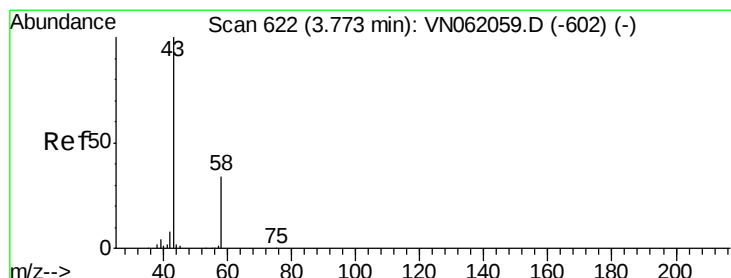
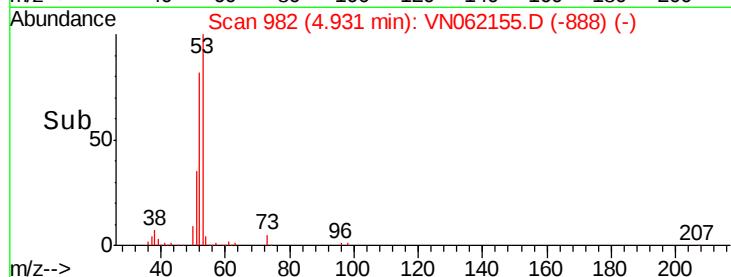
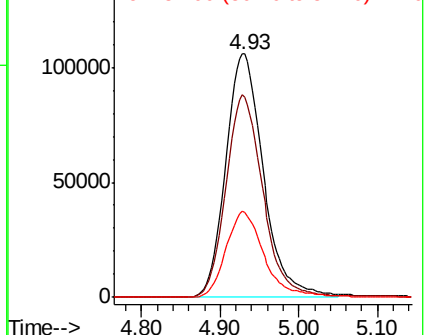
51 35.9 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062155.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062155.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062155.D (-959) (-)



#16

Acetone

Concen: 256.260 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062155.D

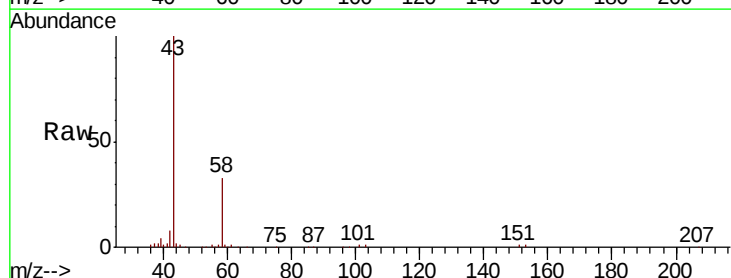
Acq: 26 Jun 2020 21:51

Tgt Ion: 43 Resp: 272602

Ion Ratio Lower Upper

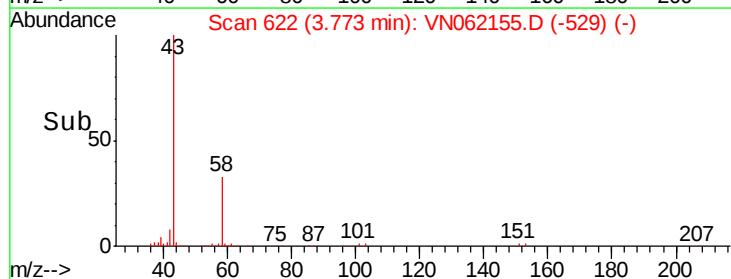
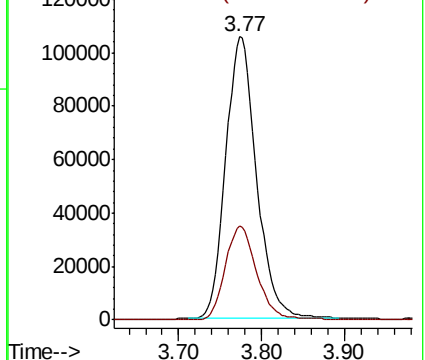
43 100

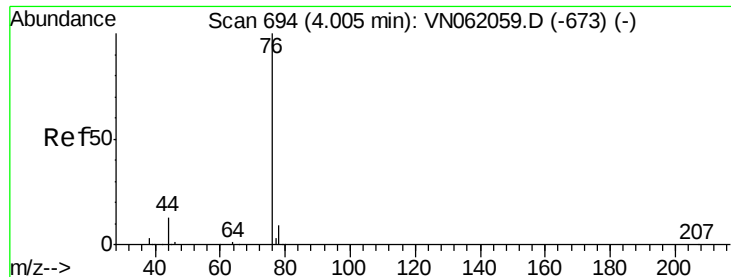
58 33.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062155.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062155.D (-602) (-)

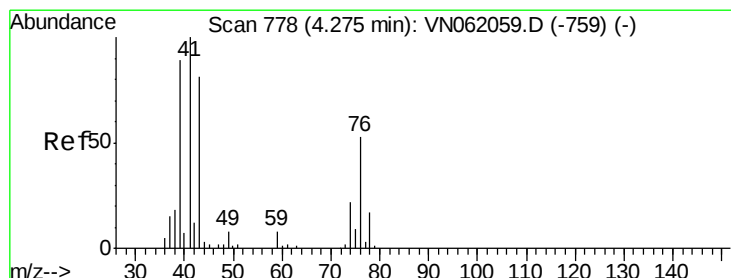
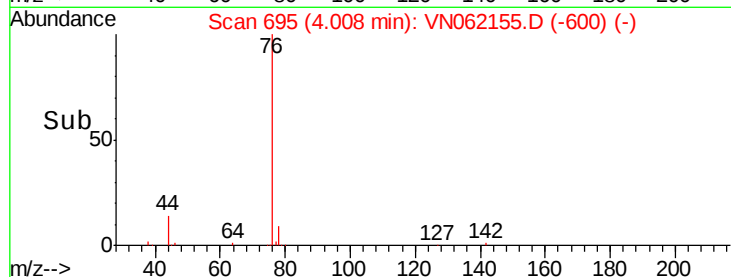
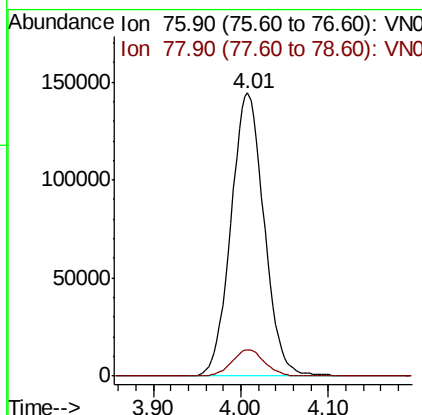
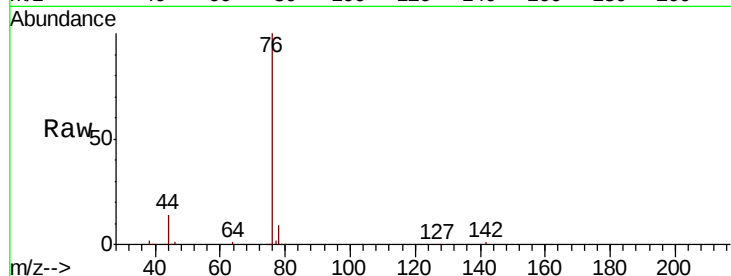




#17
Carbon Disulfide
Concen: 47.780 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

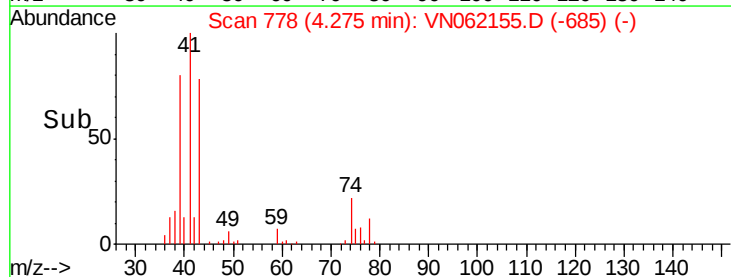
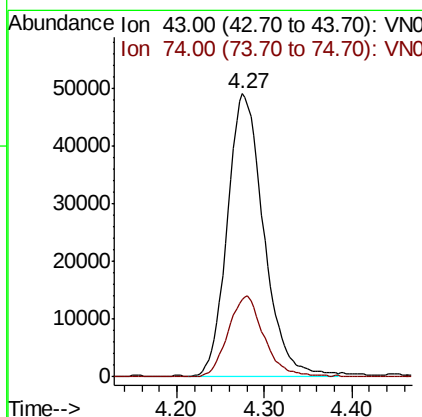
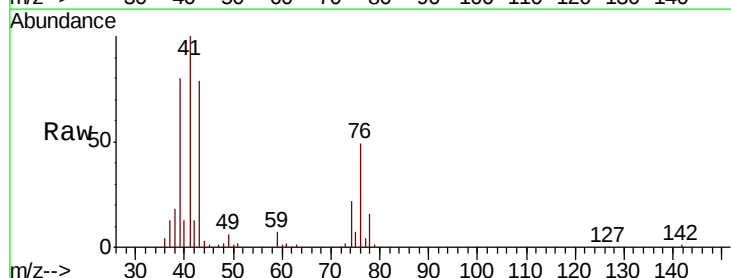
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 379631
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 52.215 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 43 Resp: 140727
Ion Ratio Lower Upper
43 100
74 28.2 22.9 34.3

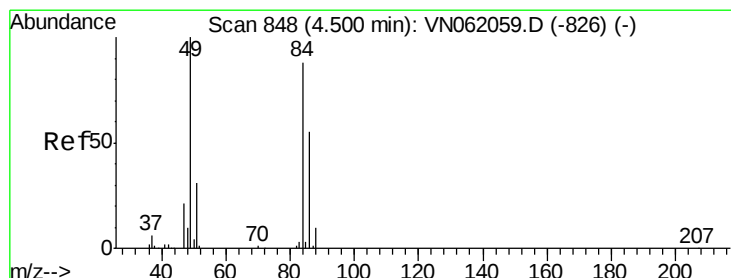
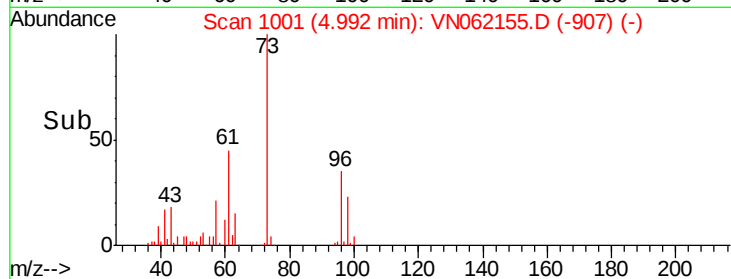
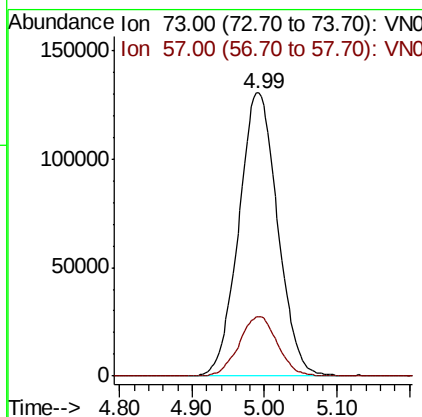
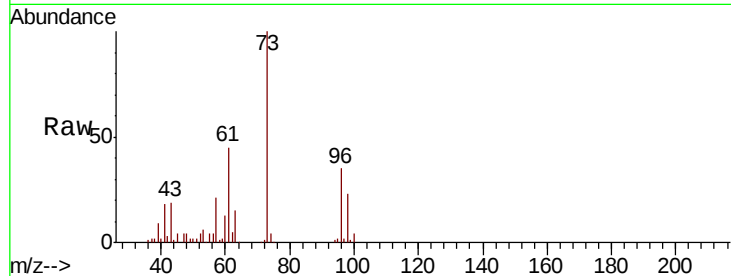




#19
Methvl tert-butvl Ether
Concen: 54.815 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

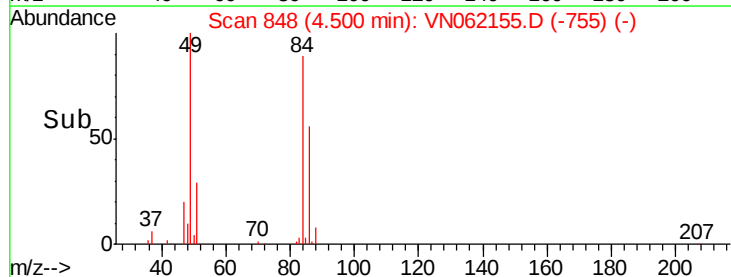
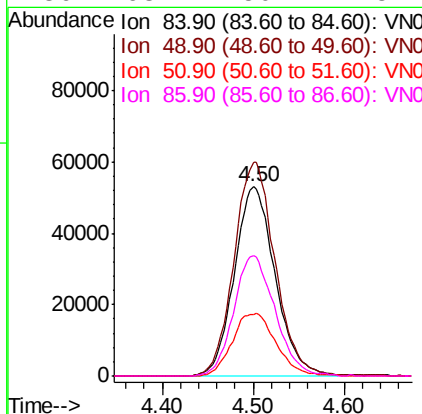
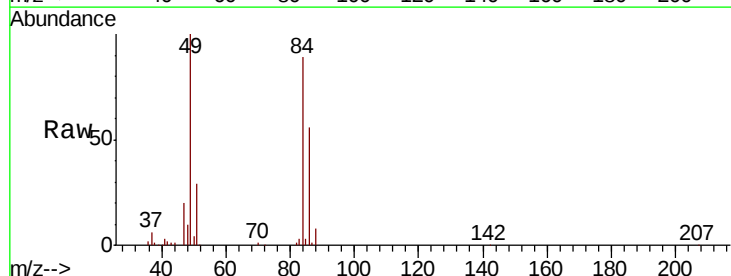
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 485901
Ion Ratio Lower Upper
73 100
57 21.0 16.6 24.8



#20
Methylene Chloride
Concen: 53.234 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 84 Resp: 165641
Ion Ratio Lower Upper
84 100
49 112.7 90.6 136.0
51 32.8 27.8 41.8
86 63.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 48.187 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

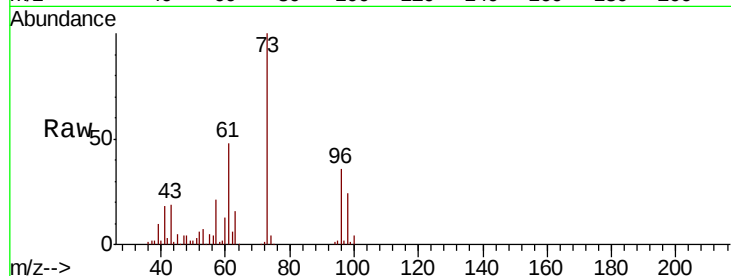
Tot Ion: 96 Resp: 152283

Ion Ratio Lower Upper

96 100

61 132.2 101.4 152.2

98 66.6 49.3 73.9

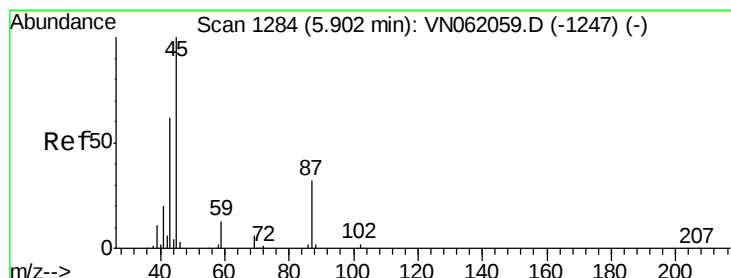
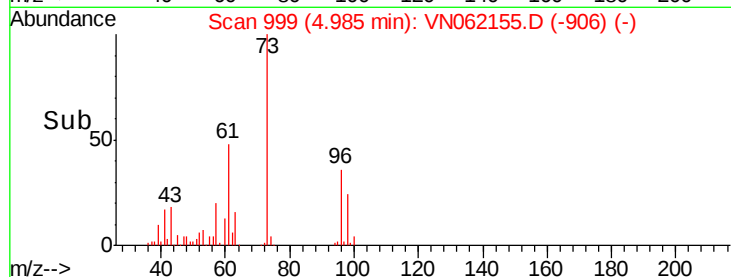
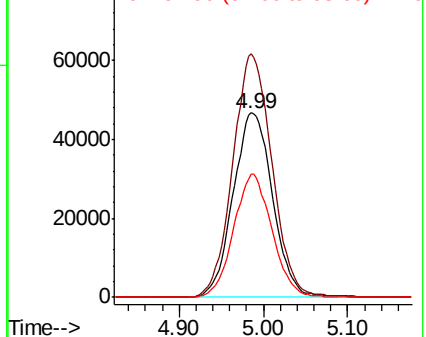


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.742 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion: 45 Resp: 453558

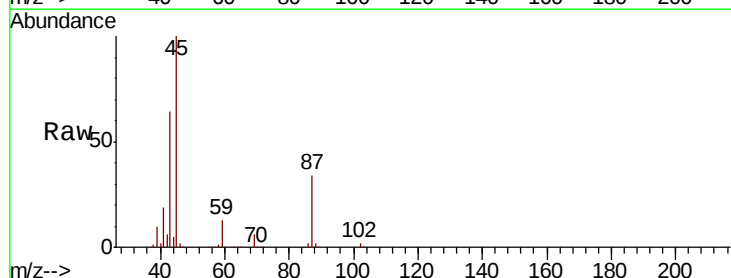
Ion Ratio Lower Upper

45 100

43 63.1 49.7 74.5

87 33.6 25.9 38.9

59 13.1 10.6 16.0



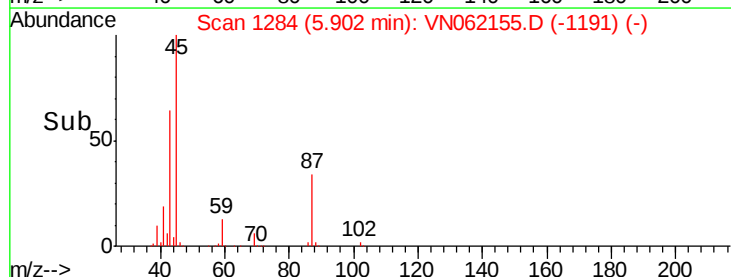
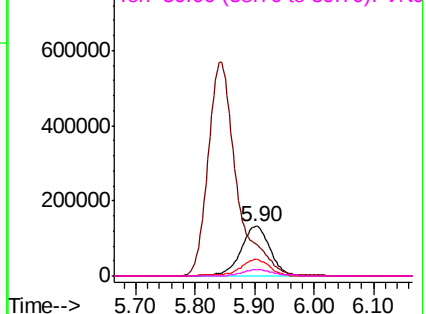
Abundance

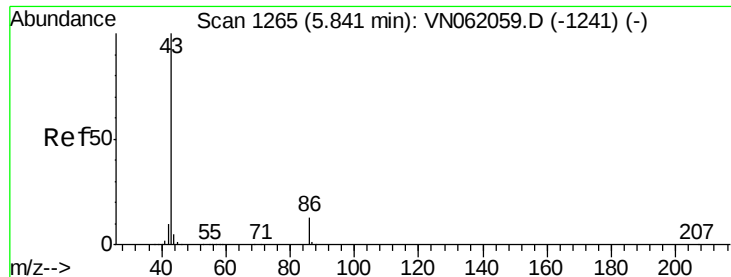
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 271.425 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

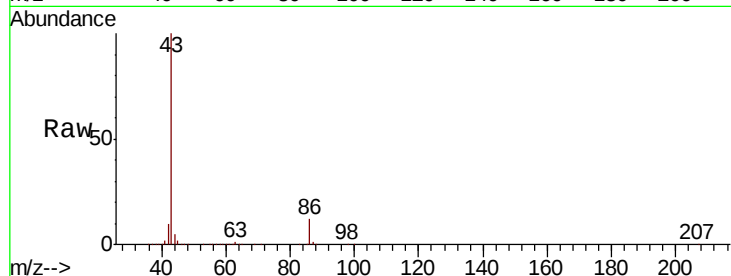
VSTDCCC050

Tot Ion: 43 Resp: 1905704

Ion Ratio Lower Upper

43 100

86 12.3 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062155.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062155.D (-1172) (-)

5.84

600000

500000

400000

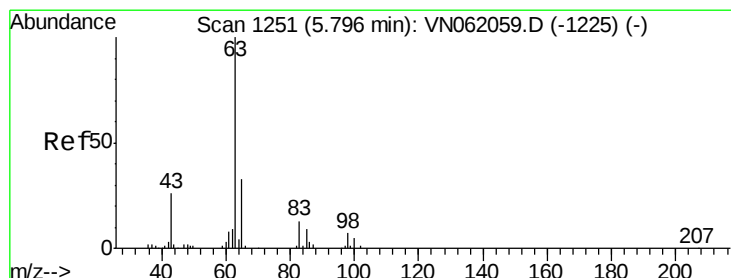
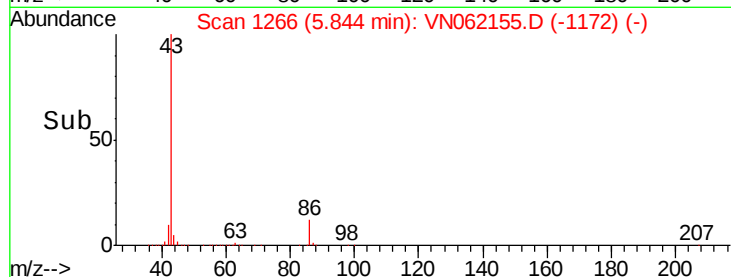
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.415 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

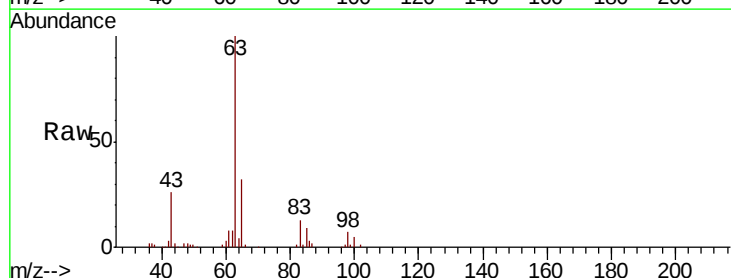
Tgt Ion: 63 Resp: 279181

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 5.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062155.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062155.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062155.D (-1158) (-)

5.80

120000

100000

80000

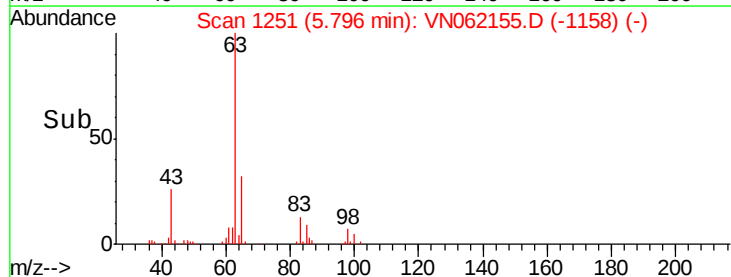
60000

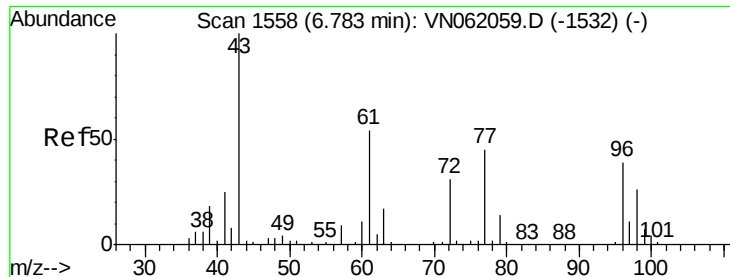
40000

20000

0

Time-->

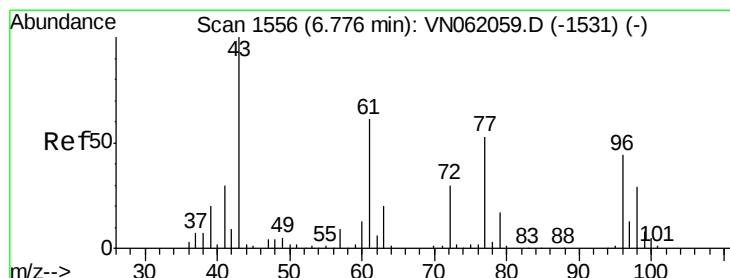
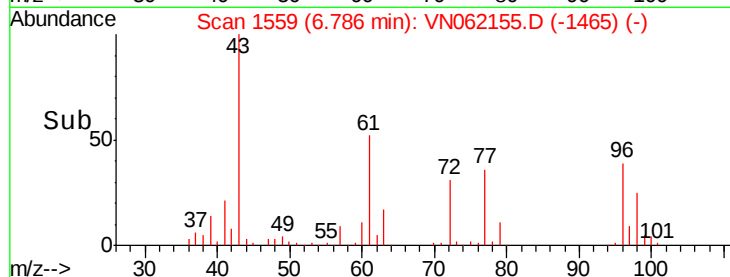
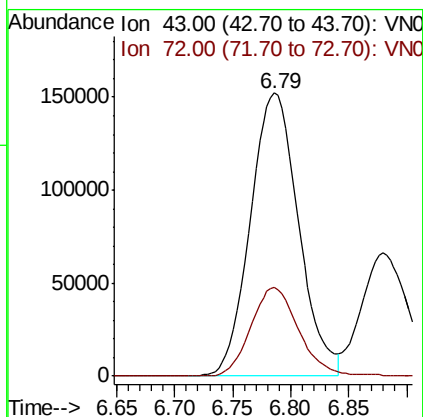
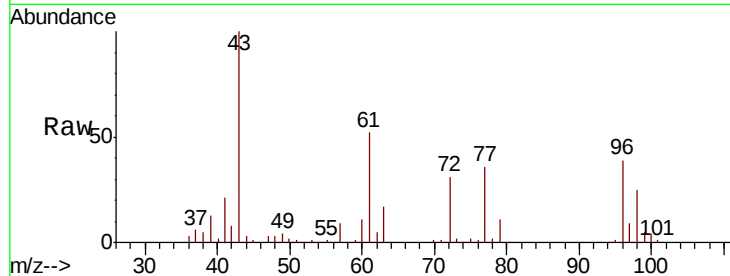




#25
2-Butanone
Concen: 265.169 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

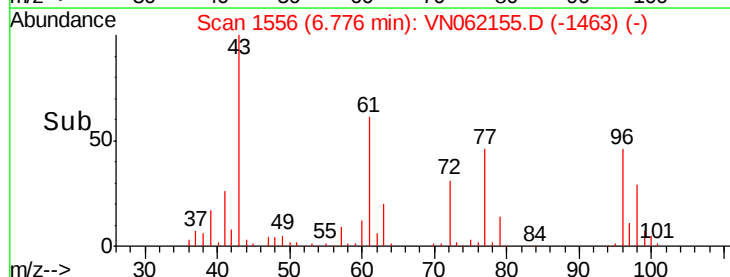
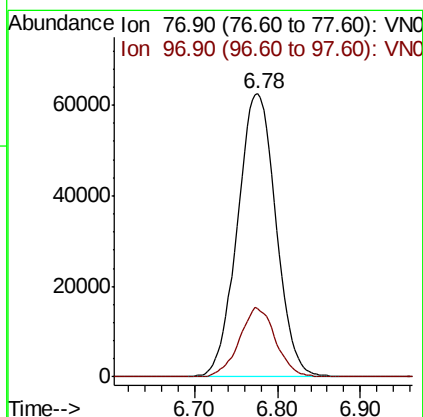
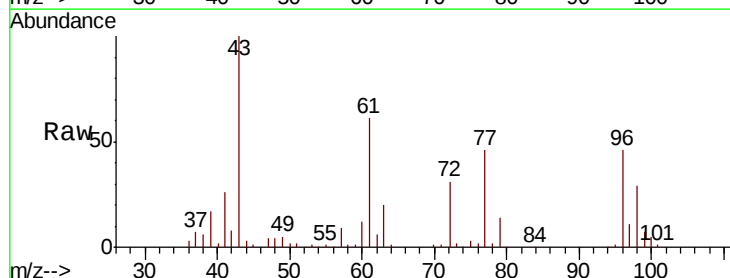
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

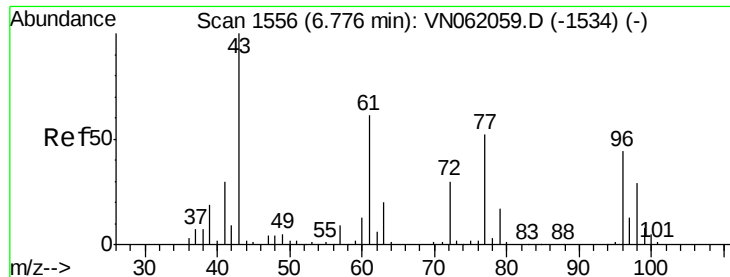
Tot Ion: 43 Resp: 439433
Ion Ratio Lower Upper
43 100
72 31.3 24.8 37.2



#26
2,2-Dichloropropane
Concen: 43.690 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 77 Resp: 201614
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.447 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

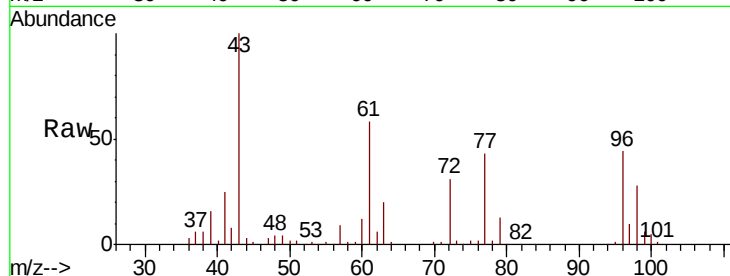
Tot Ion: 96 Resp: 182950

Ion Ratio Lower Upper

96 100

61 134.7 0.0 280.4

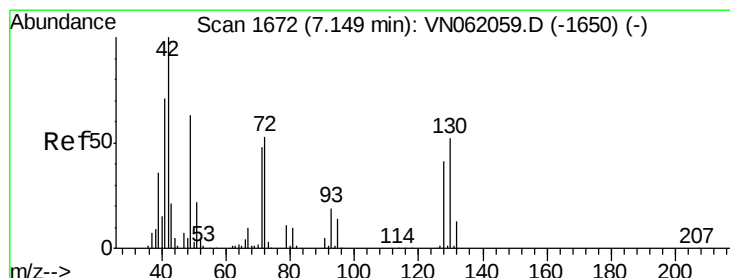
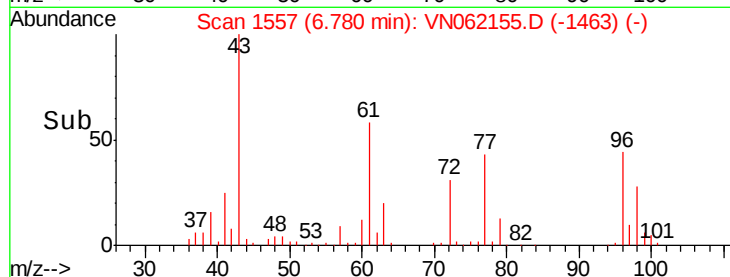
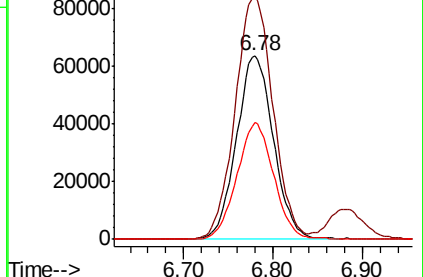
98 63.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062155.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062155.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062155.D (-1463) (-)



#28

Bromochloromethane

Concen: 48.619 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

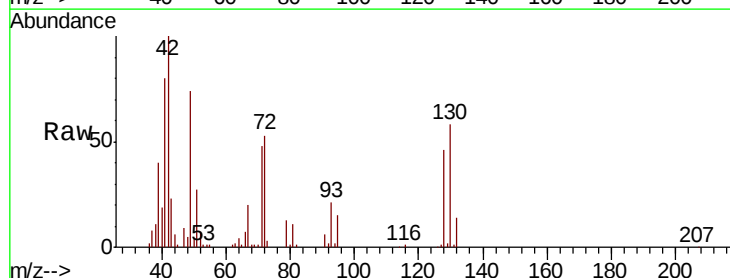
Tgt Ion: 49 Resp: 116816

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

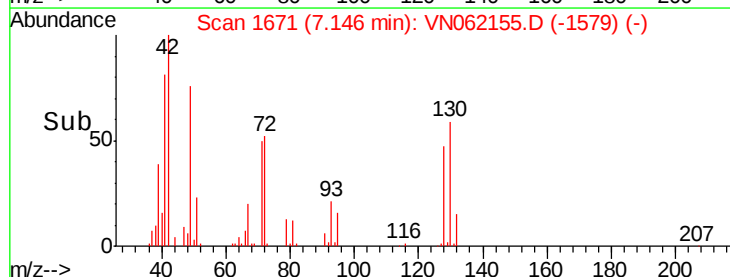
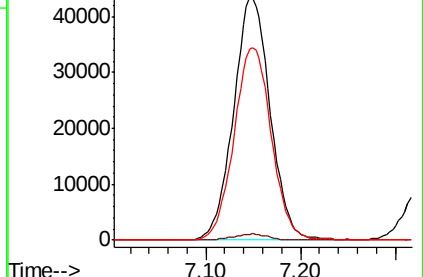
130 80.7 65.5 98.3

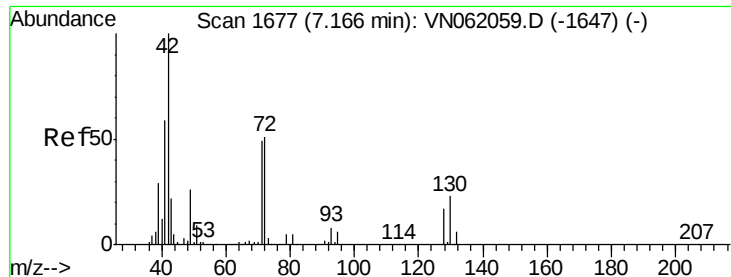


Abundance Ion 48.90 (48.60 to 49.60): VN062155.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062155.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062155.D (-1579) (-)

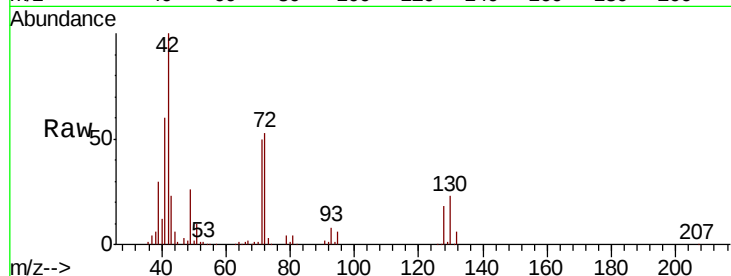




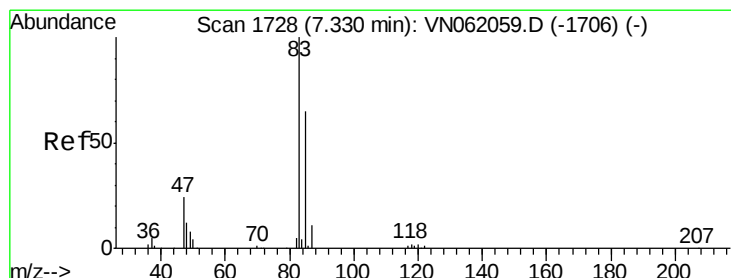
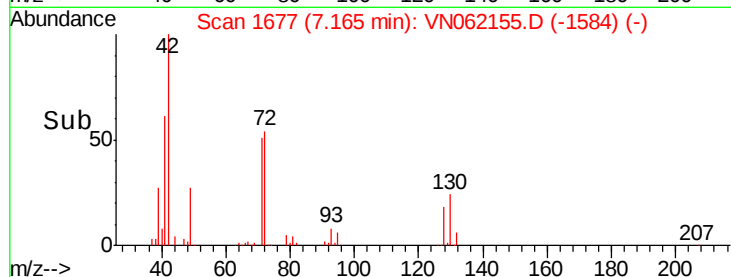
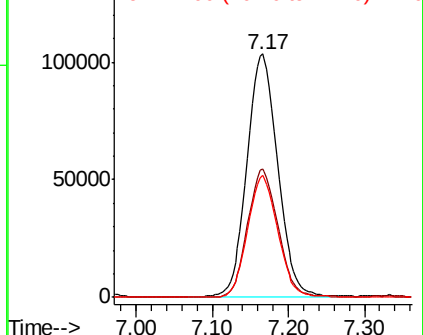
#29
Tetrahydrofuran
Concen: 271.343 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.0	41.1	61.7
71	48.8	38.2	57.4

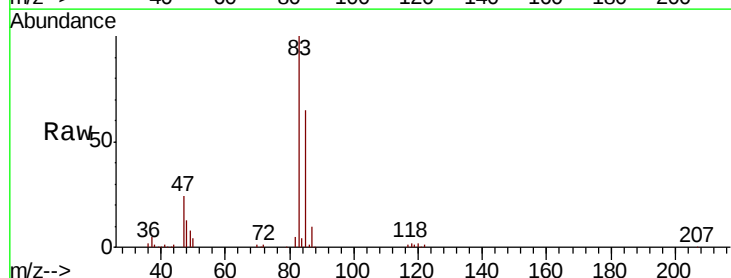


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

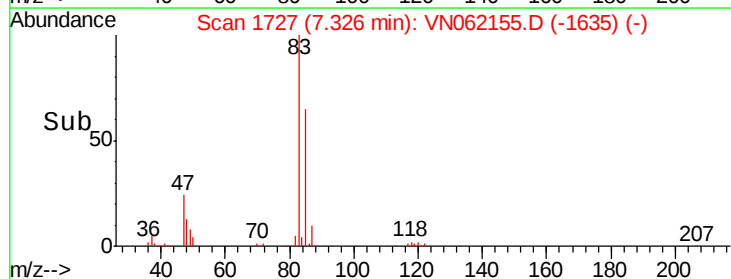
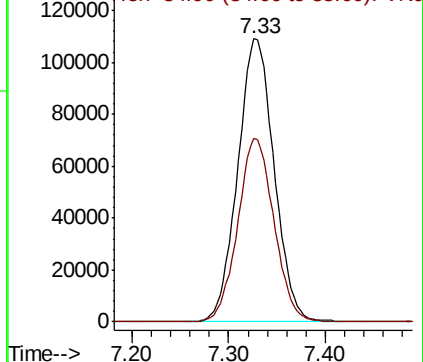


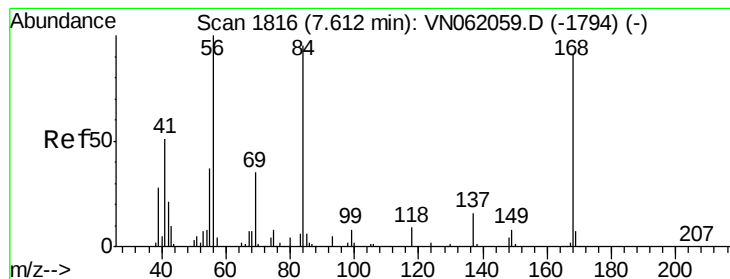
#30
Chloroform
Concen: 50.689 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.3	78.5



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





#31

Cyclohexane

Concen: 49.817 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

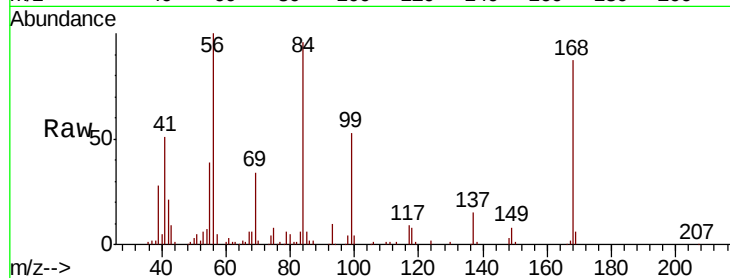
Tot Ion: 56 Resp: 233349

Ion Ratio Lower Upper

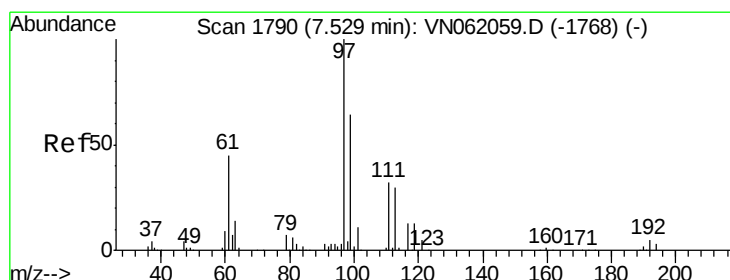
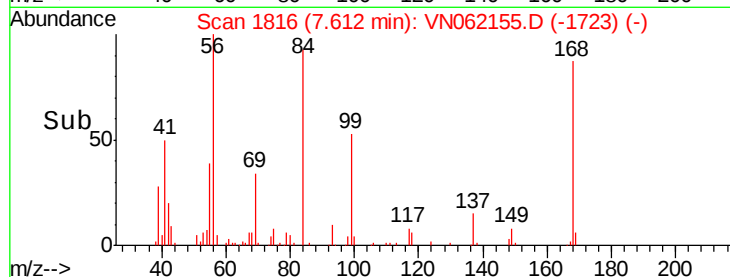
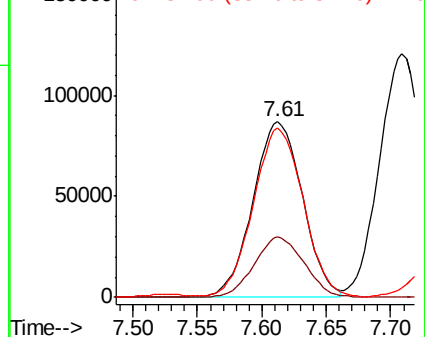
56 100

69 34.4 28.0 42.0

84 95.5 76.1 114.1



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



#32

1,1,1-Trichloroethane

Concen: 51.537 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

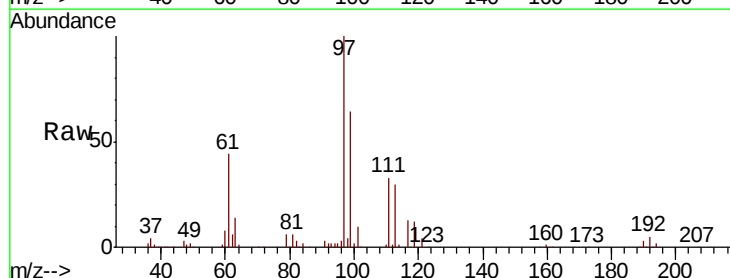
Tgt Ion: 97 Resp: 244875

Ion Ratio Lower Upper

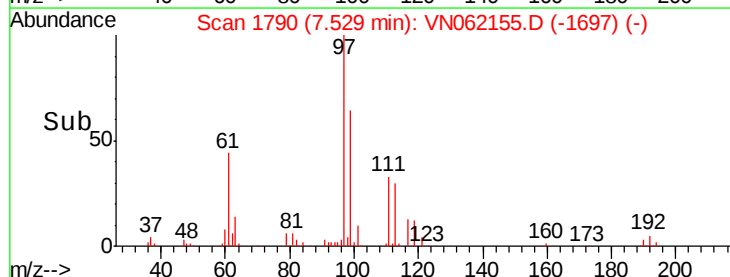
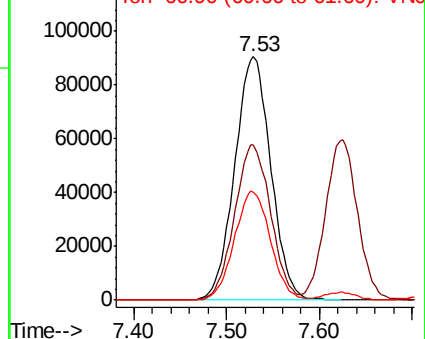
97 100

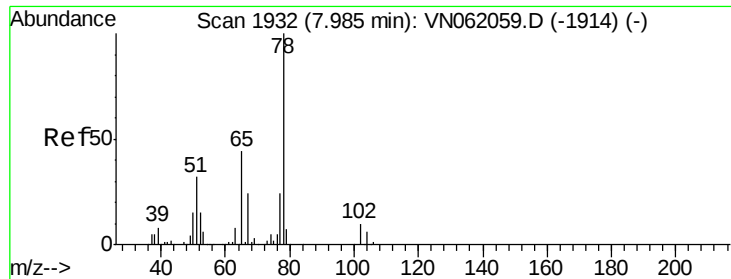
99 63.9 51.0 76.4

61 44.7 36.2 54.2



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

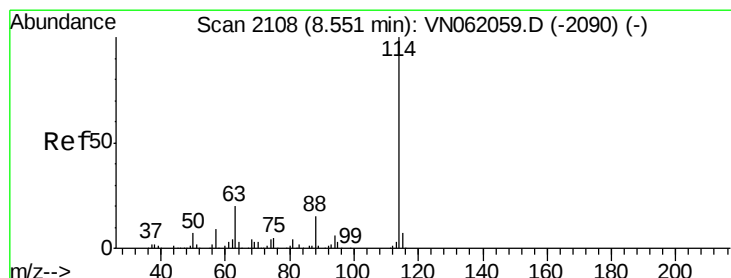
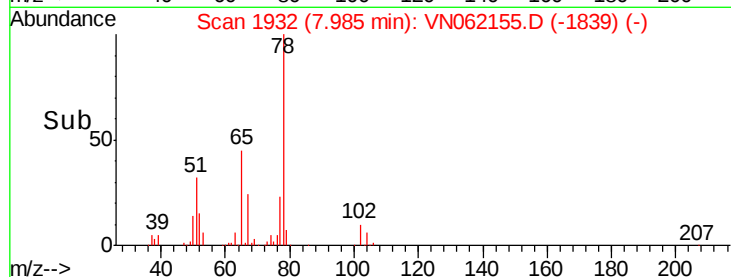
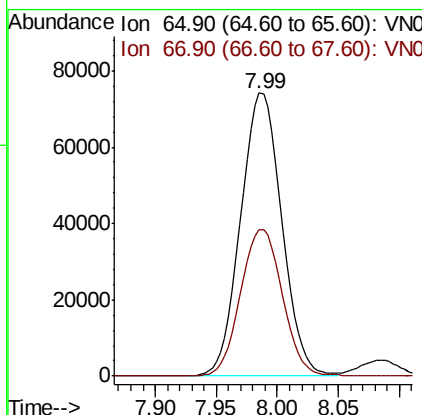
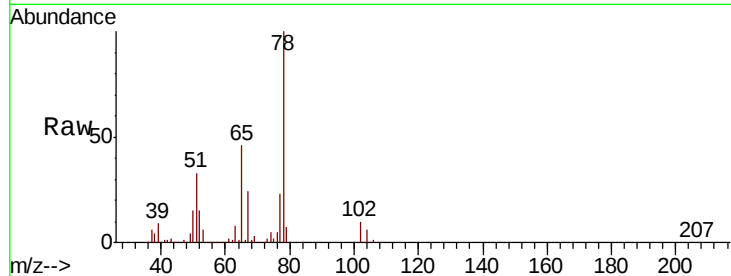




#33
 1,2-Dichloroethane-d4
 Concen: 51.245 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

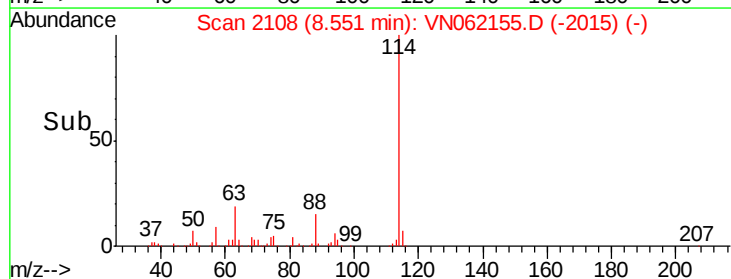
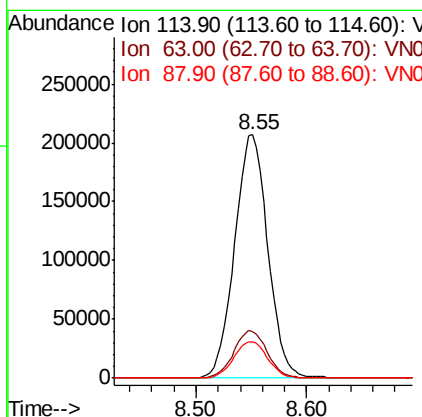
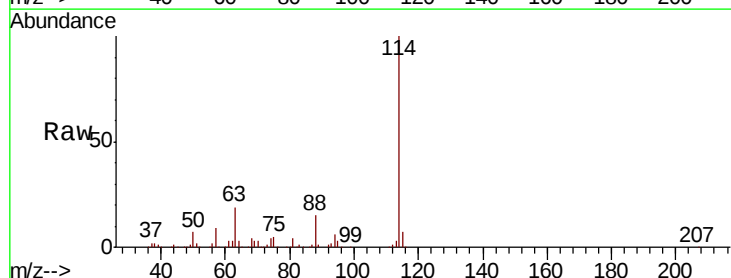
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

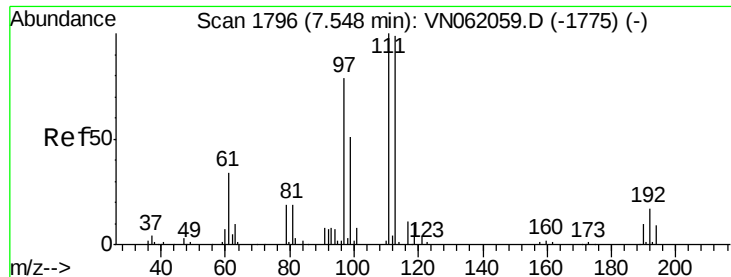
Tot Ion: 65 Resp: 173741
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion: 114 Resp: 430882
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.1 0.0 30.8

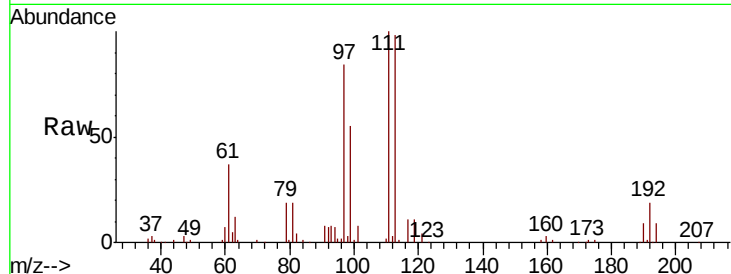




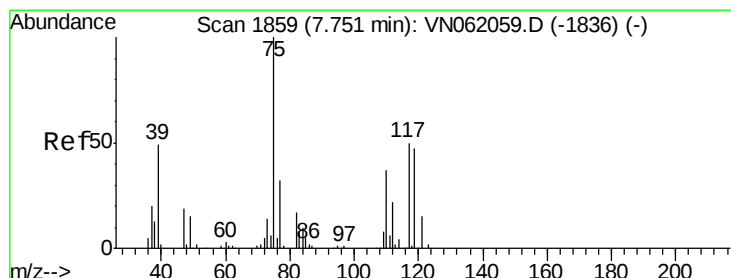
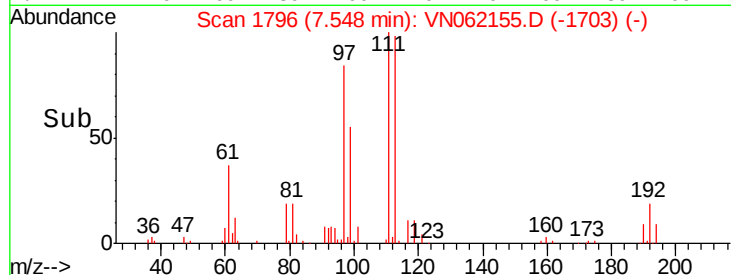
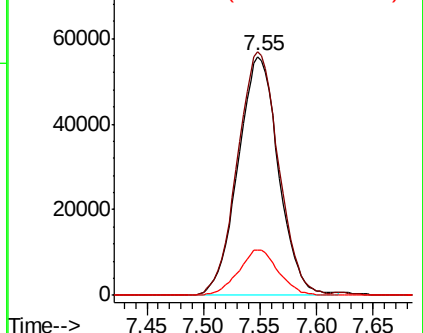
#35
Dibromofluoromethane
Concen: 50.157 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 138649
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 18.7 14.0 21.0

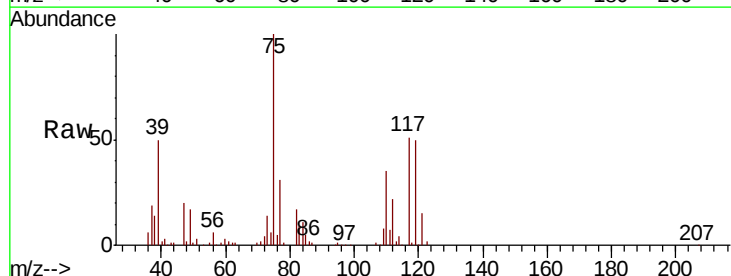


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

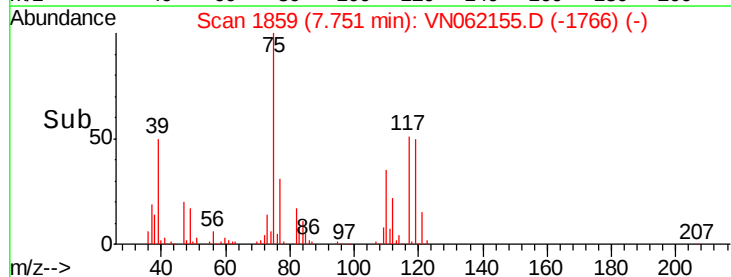
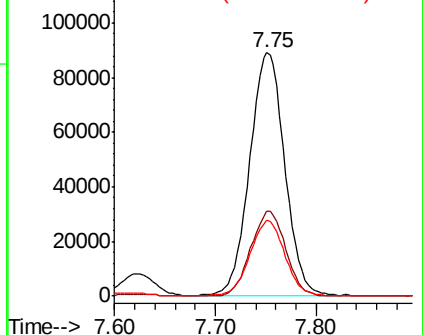


#36
1,1-Dichloropropene
Concen: 49.448 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 75 Resp: 214159
Ion Ratio Lower Upper
75 100
110 34.8 17.9 53.8
77 31.1 24.9 37.3



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

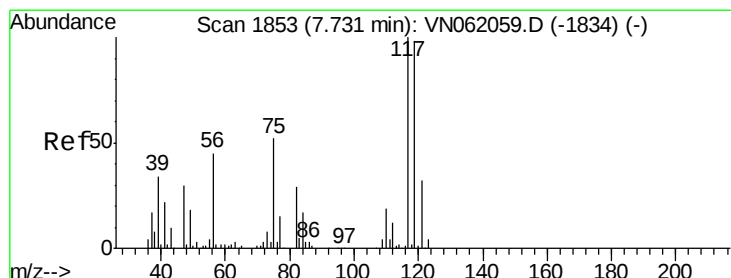
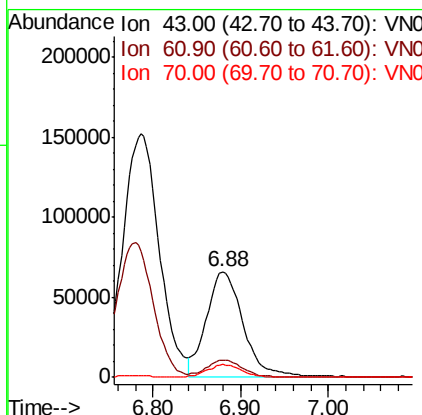
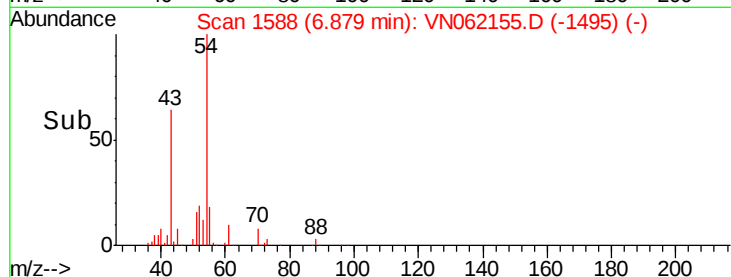
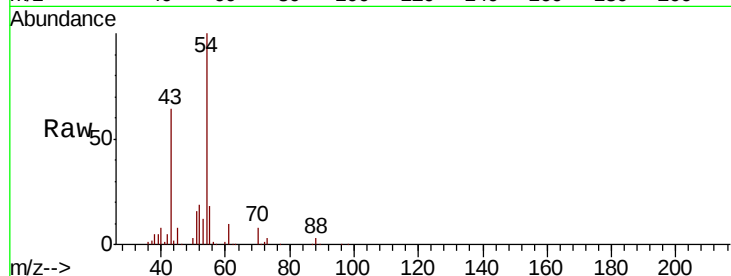




#37
Ethyl Acetate
Concen: 52.962 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

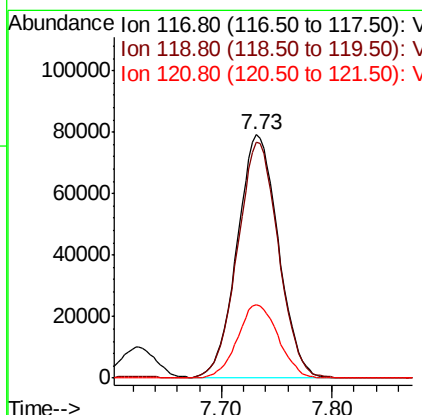
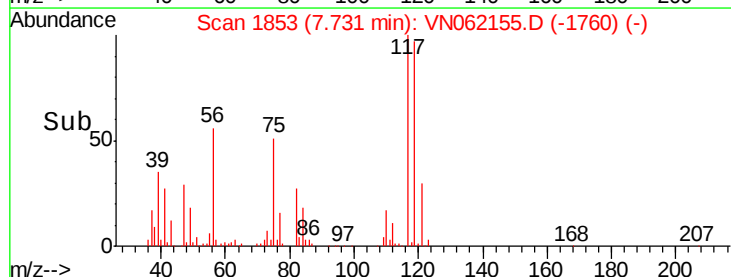
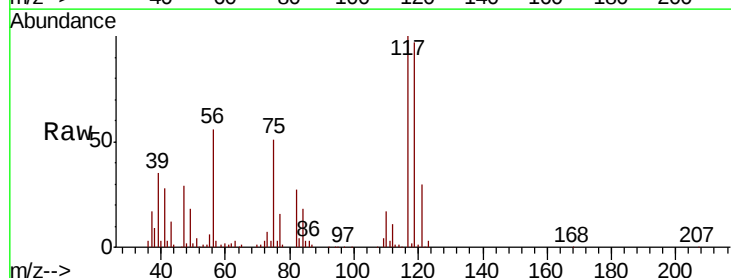
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

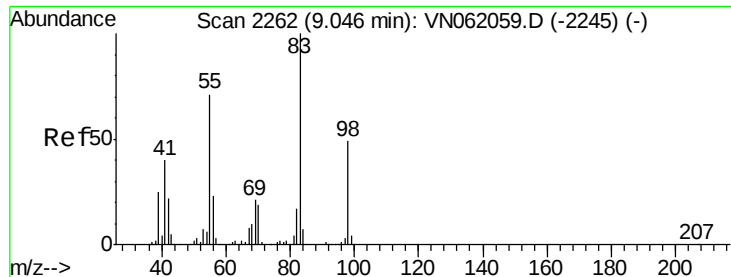
Tot Ion: 43 Resp: 189937
Ion Ratio Lower Upper
43 100
61 16.1 12.0 18.0
70 11.7 9.6 14.4



#38
Carbon Tetrachloride
Concen: 49.792 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 117 Resp: 203309
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.2
121 30.1 25.8 38.6

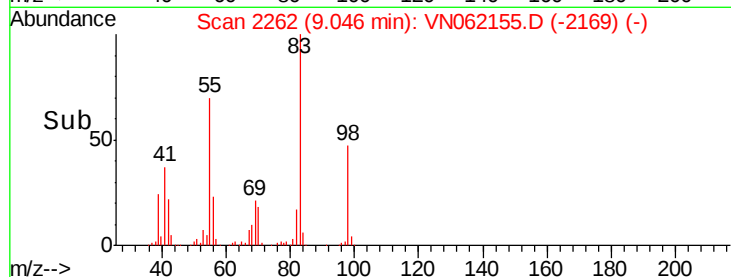
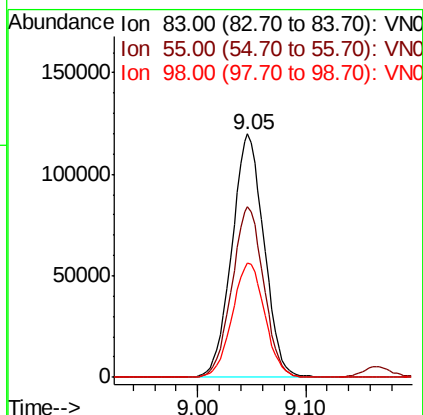
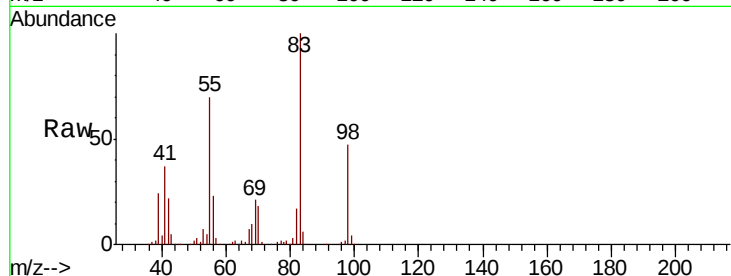




#39
Methvlcvclohexane
Concen: 52.371 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

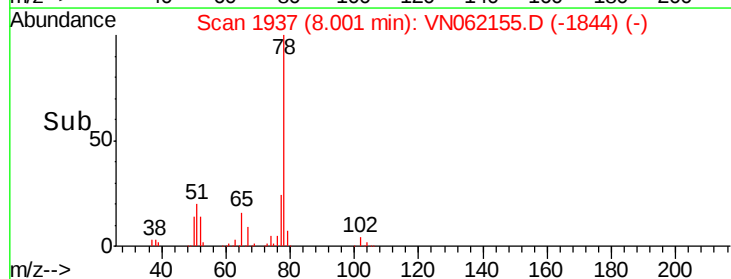
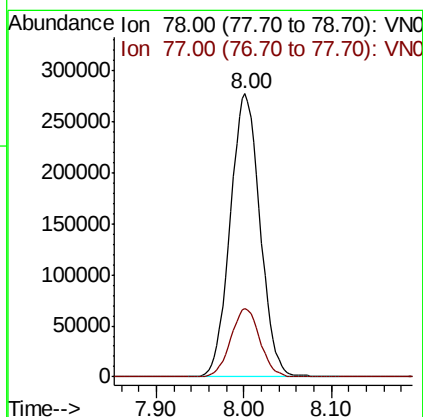
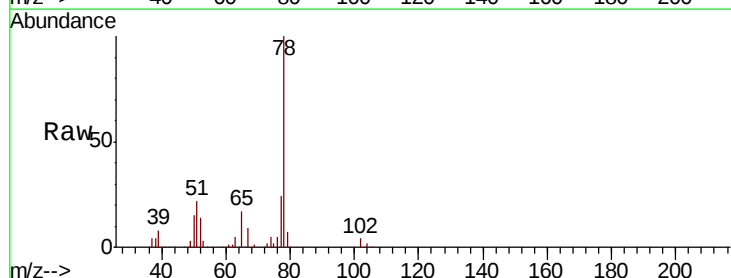
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

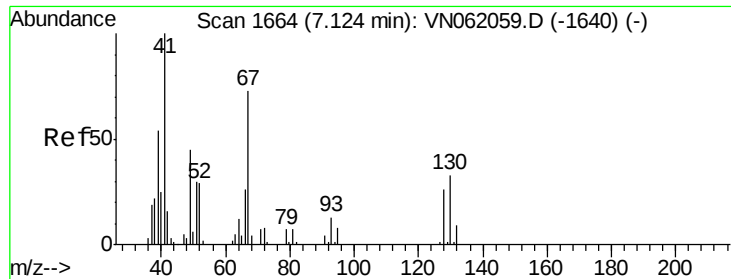
Tot Ion: 83 Resp: 248522
Ion Ratio Lower Upper
83 100
55 70.0 57.0 85.6
98 47.0 39.0 58.6



#40
Benzene
Concen: 49.727 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 78 Resp: 656426
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

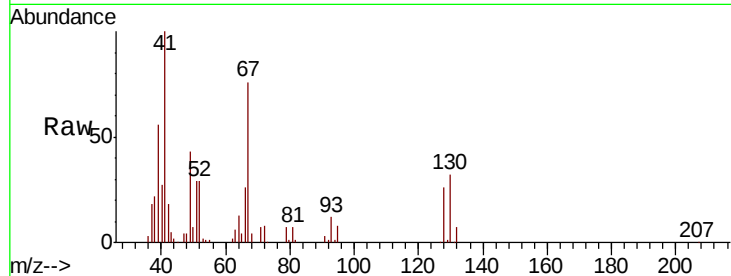




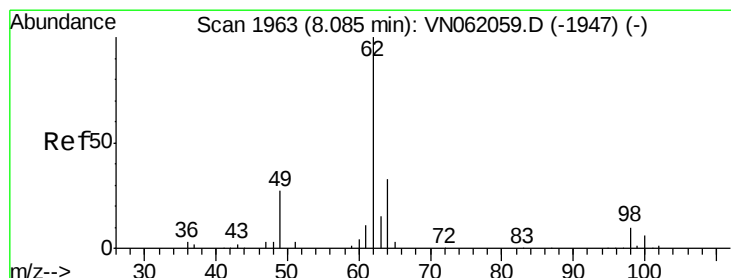
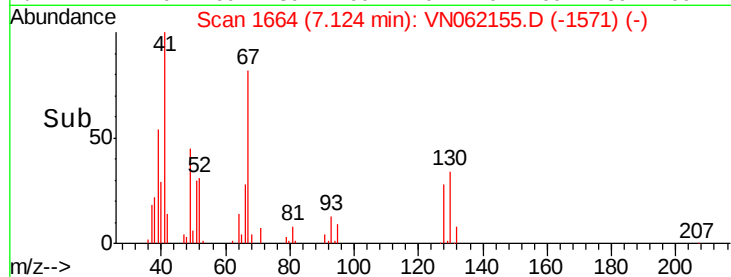
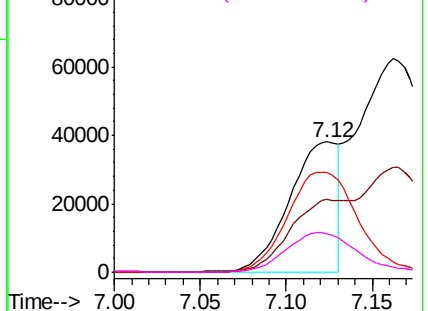
#41
Methacrylonitrile
Concen: 45.250 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 75234
Ion Ratio Lower Upper
41 100
39 65.6 44.2 66.2
67 111.1 79.5 119.3
52 44.6 32.3 48.5

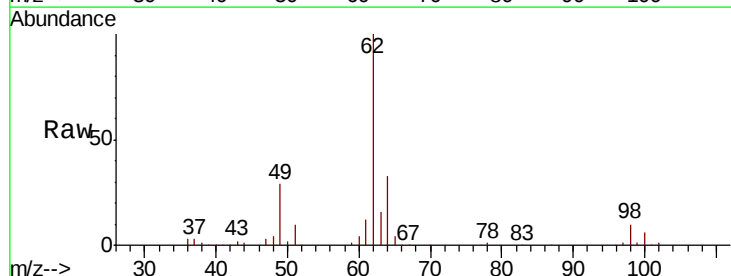


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

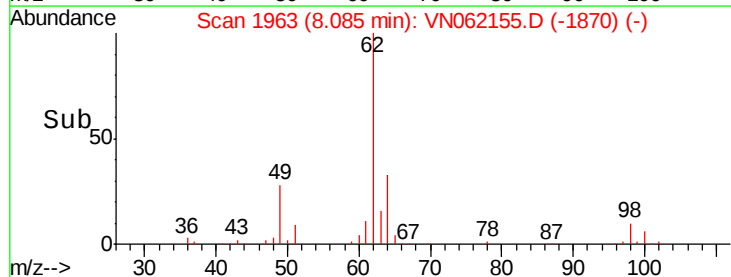
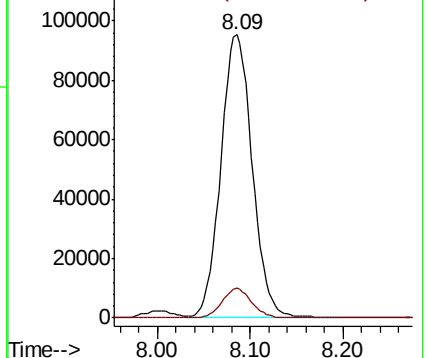


#42
1,2-Dichloroethane
Concen: 49.935 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 62 Resp: 222714
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 54.464 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

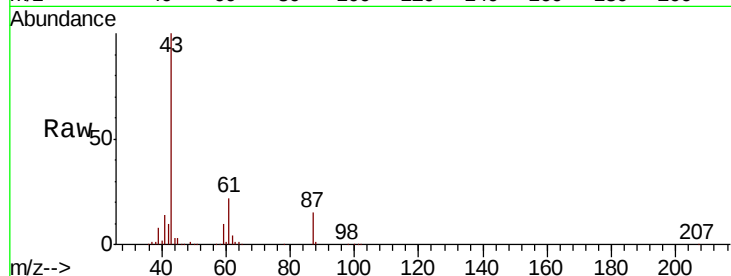
Tot Ion: 43 Resp: 318409

Ion Ratio Lower Upper

43 100

61 28.6 17.2 25.8#

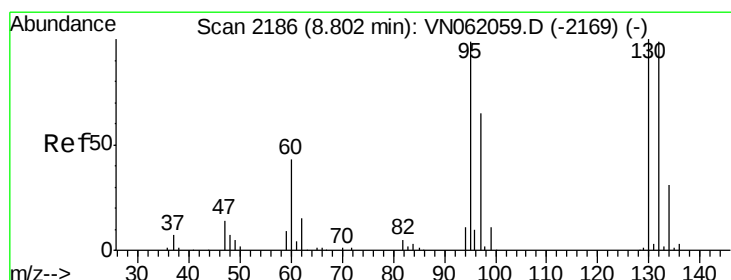
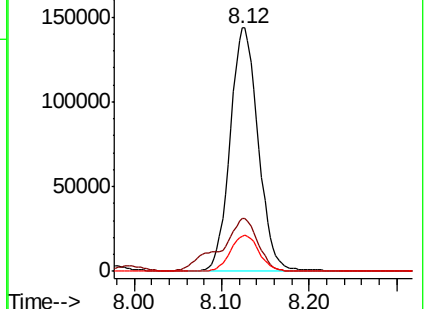
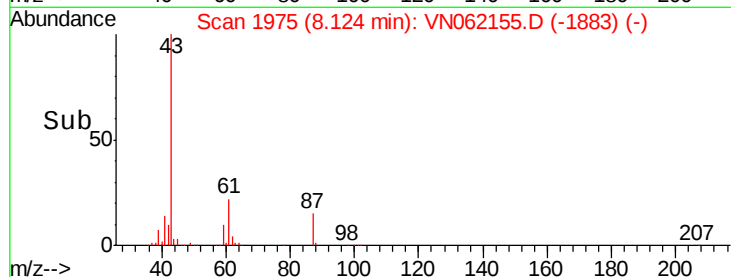
87 15.1 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062155.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062155.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062155.D (-1953) (-)



#44

Trichloroethene

Concen: 50.094 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062155.D

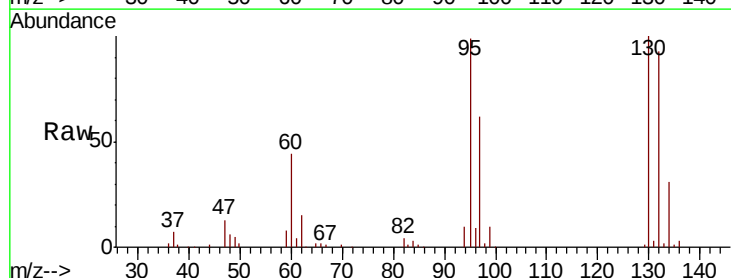
Acq: 26 Jun 2020 21:51

Tgt Ion:130 Resp: 166809

Ion Ratio Lower Upper

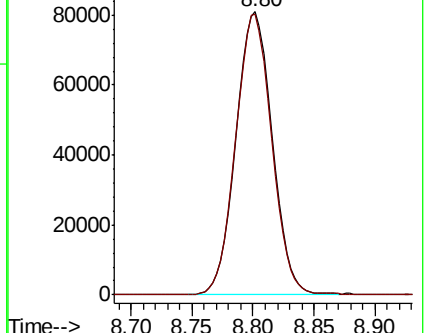
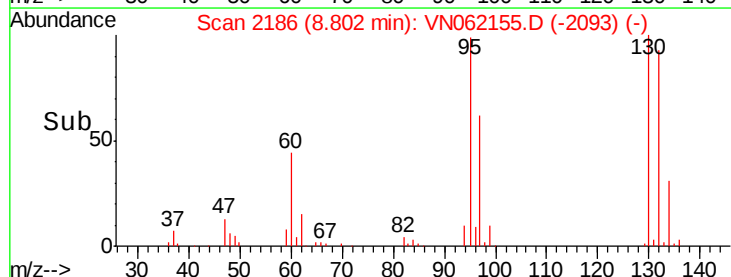
130 100

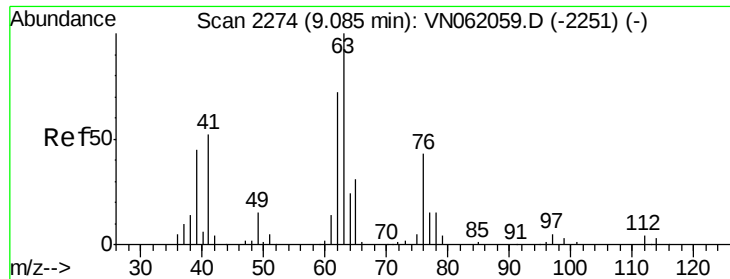
95 99.3 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062155.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062155.D (-2093) (-)

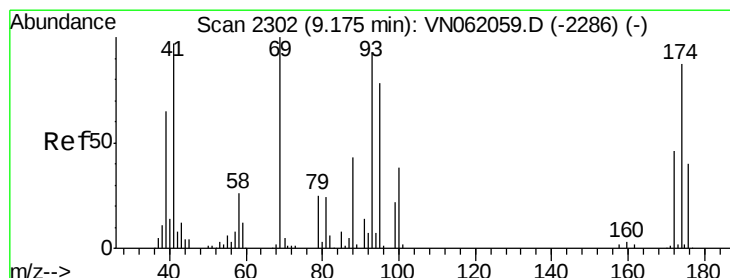
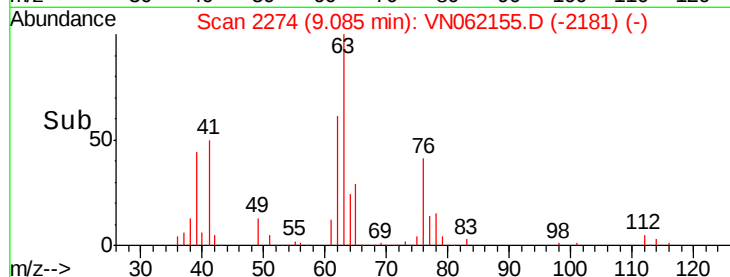
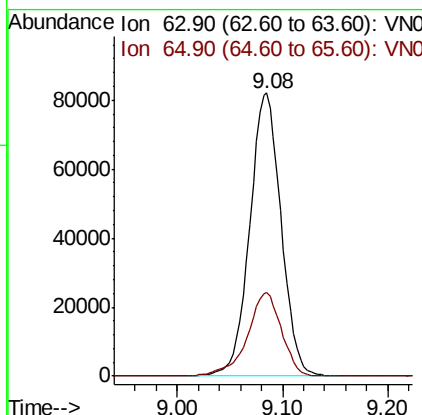
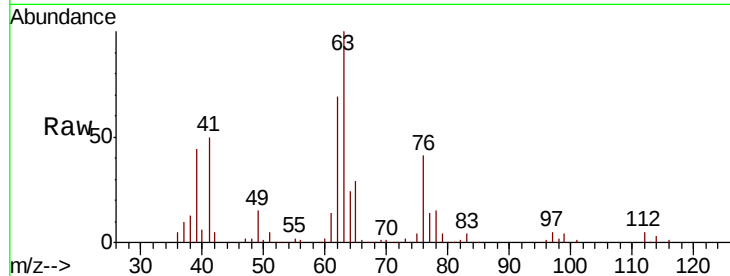




#45
 1,2-Dichloropropane
 Concen: 52.117 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

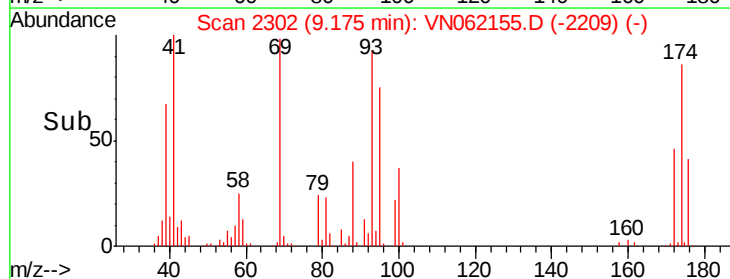
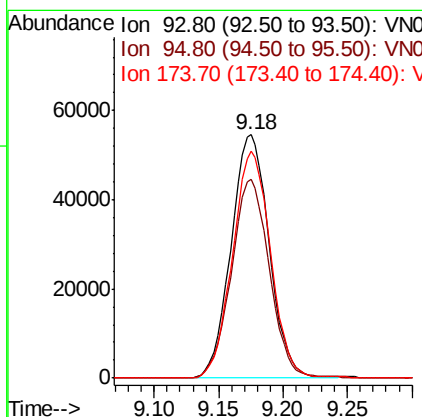
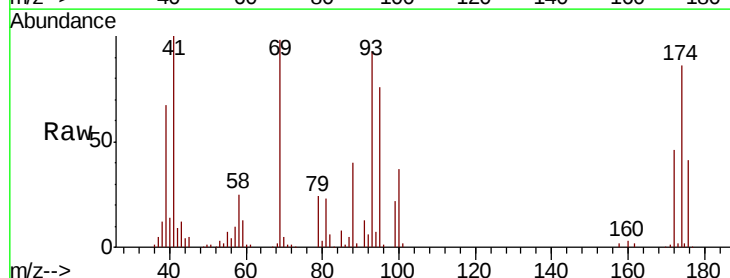
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

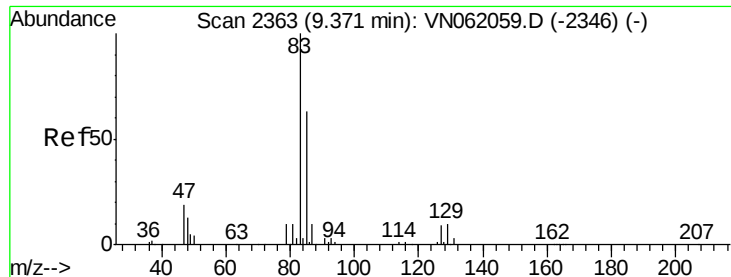
Tot Ion: 63 Resp: 169728
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.4



#46
 Dibromomethane
 Concen: 50.710 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion: 93 Resp: 111969
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.0 100.6
 174 92.8 74.4 111.6





#47

Bromodichloromethane

Concen: 51.140 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

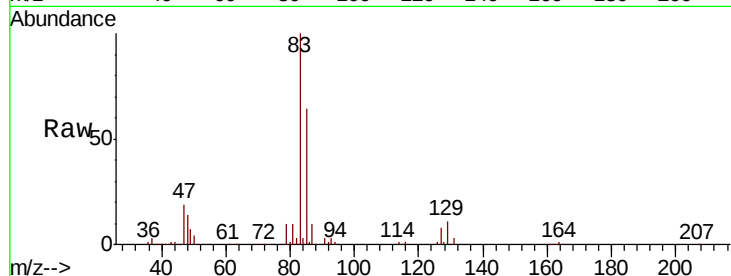
Tot Ion: 83 Resp: 228000

Ion Ratio Lower Upper

83 100

85 64.0 50.3 75.5

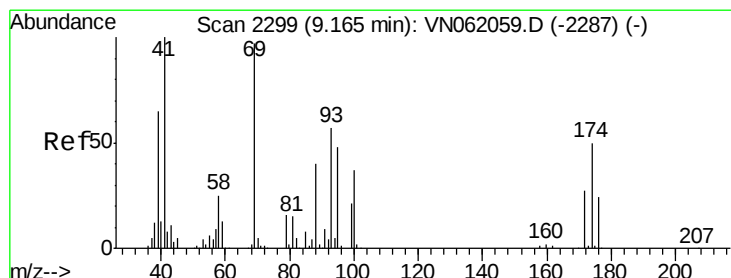
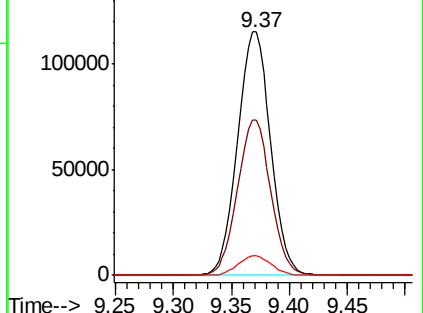
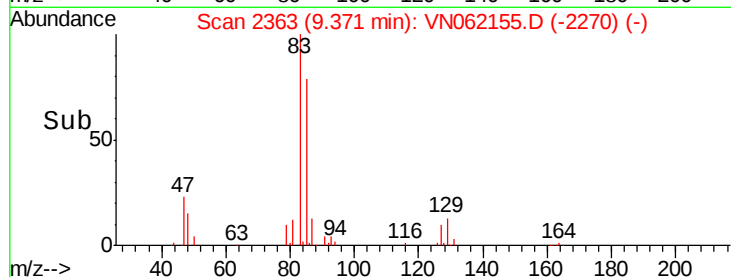
127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062155.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062155.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062155.D (-2270) (-)



#48

Methyl methacrylate

Concen: 53.906 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

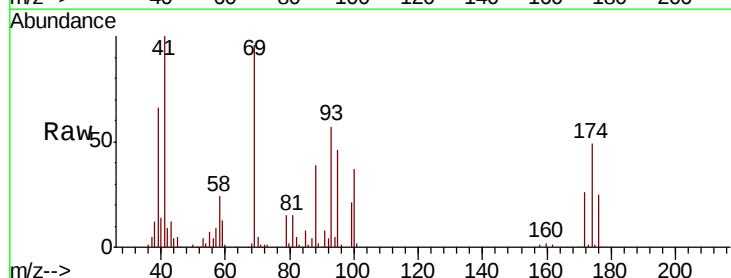
Tgt Ion: 41 Resp: 141303

Ion Ratio Lower Upper

41 100

69 99.9 80.7 121.1

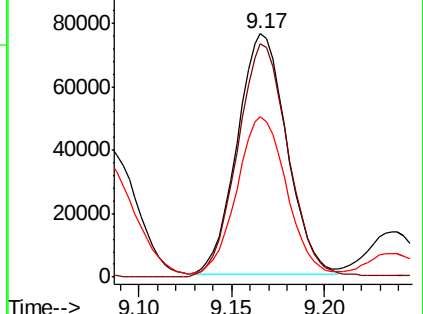
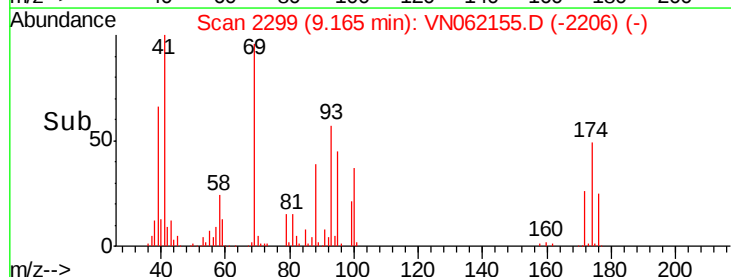
39 67.6 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062155.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062155.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062155.D (-2206) (-)

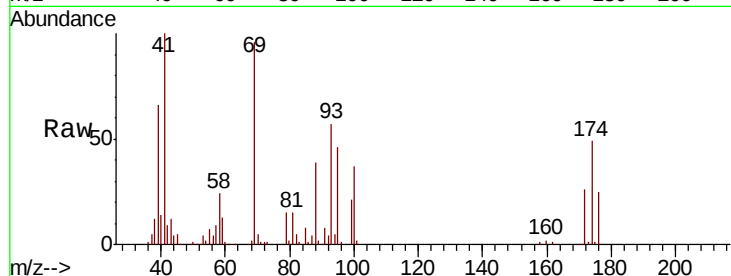




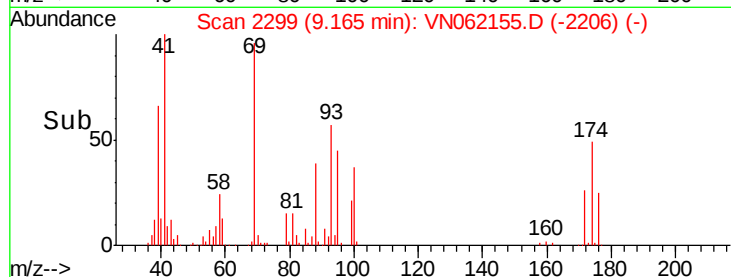
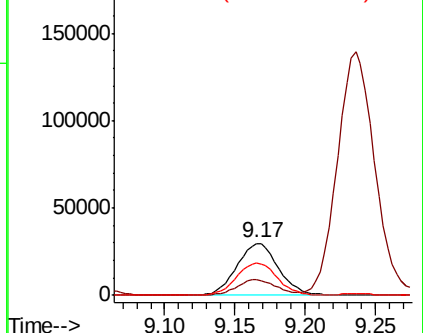
#49
1,4-Dioxane
Concen: 1054.865 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 61320
Ion Ratio Lower Upper
88 100
43 29.7 22.0 33.0
58 61.4 49.2 73.8

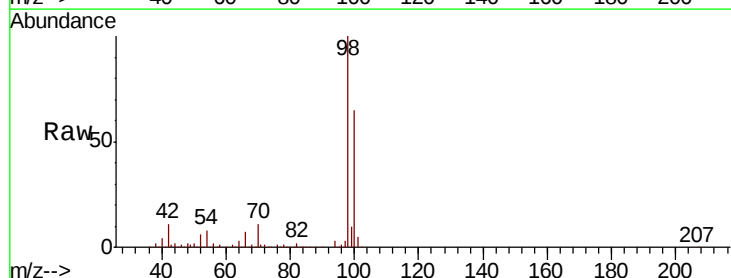


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

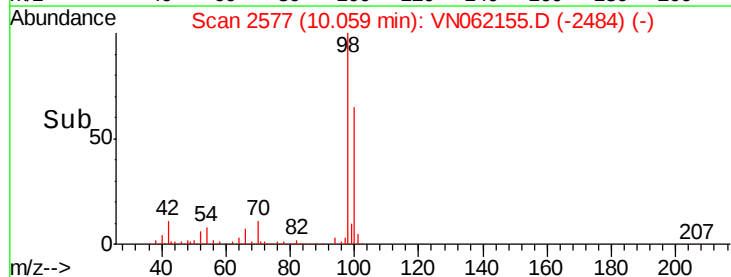
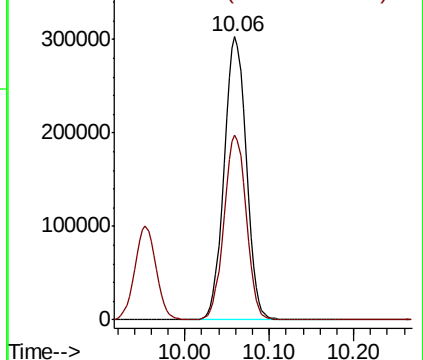


#50
Toluene-d8
Concen: 50.194 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 98 Resp: 554634
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 279.365 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

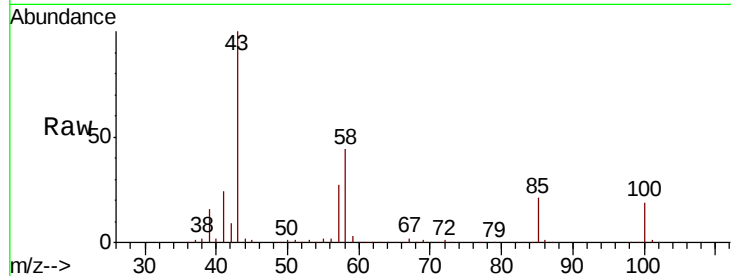
VSTDCCC050

Tot Ion: 43 Resp: 954234

Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

600000

500000

400000

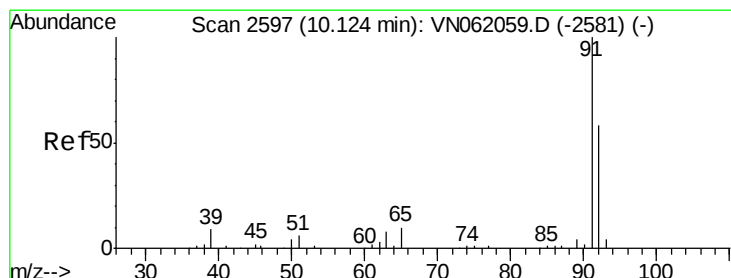
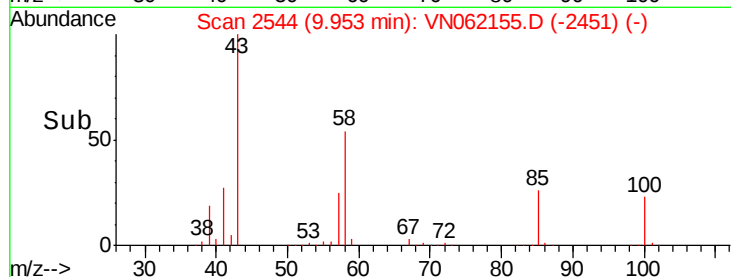
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.115 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062155.D

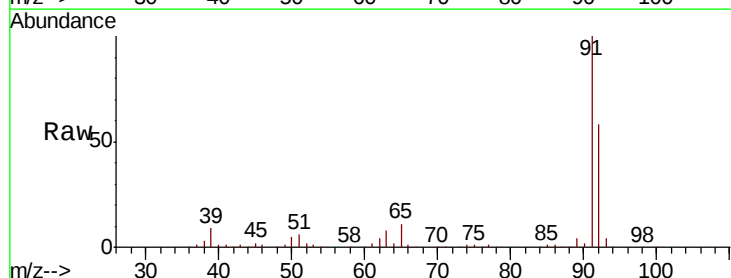
Acq: 26 Jun 2020 21:51

Tgt Ion: 92 Resp: 419756

Ion Ratio Lower Upper

92 100

91 172.1 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

400000

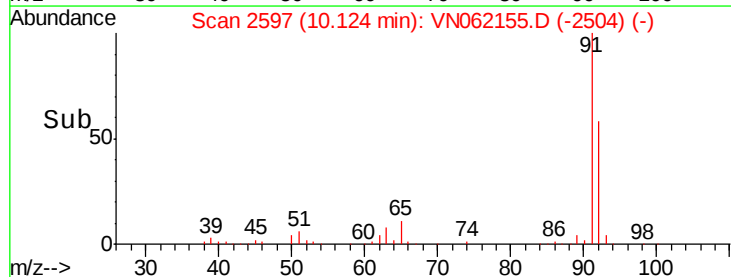
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.483 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

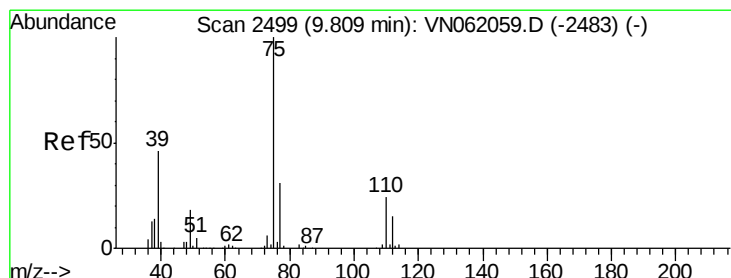
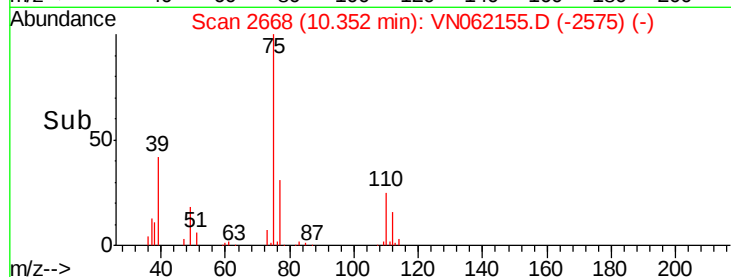
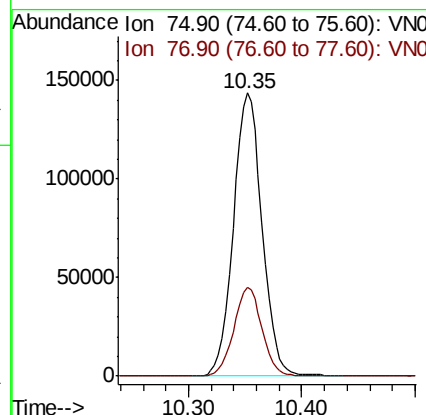
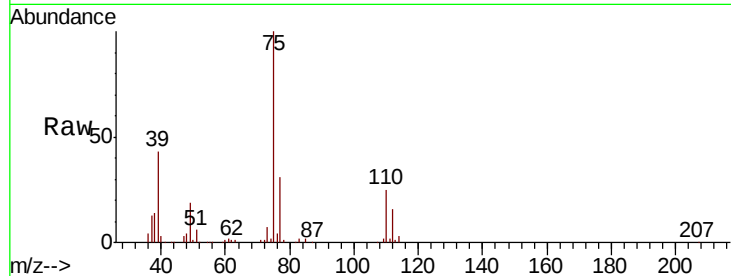
VSTDCCC050

Tot Ion: 75 Resp: 252523

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.218 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

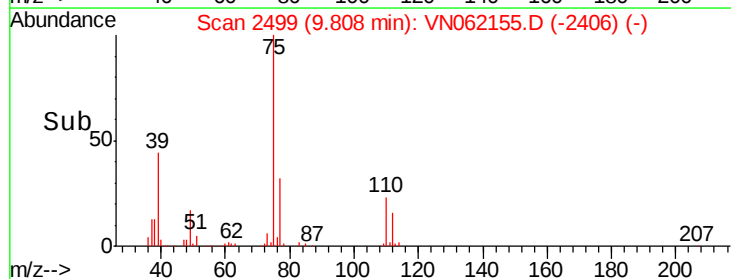
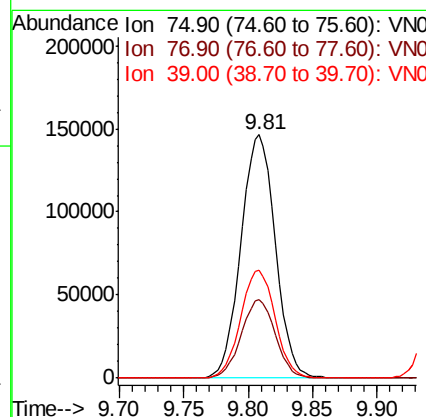
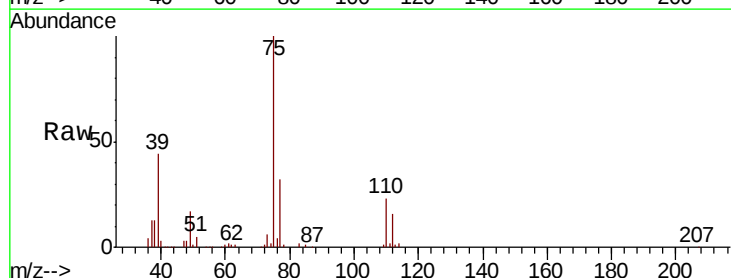
Tgt Ion: 75 Resp: 272685

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

39 44.1 36.9 55.3

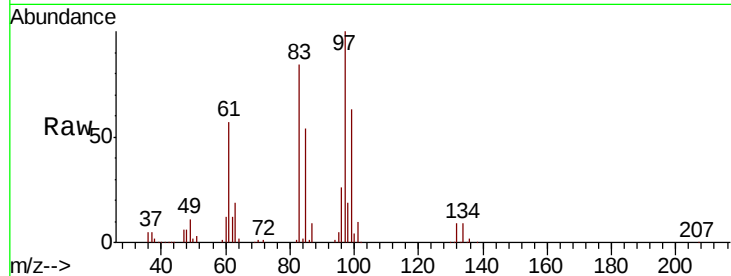




#55
 1,1,2-Trichloroethane
 Concen: 52.093 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.2	102.2
85	53.8	43.2	64.8
99	63.1	48.5	72.7



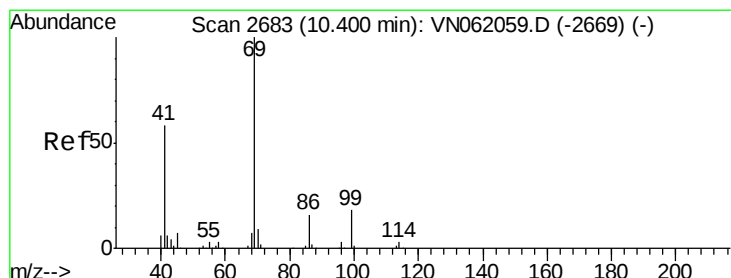
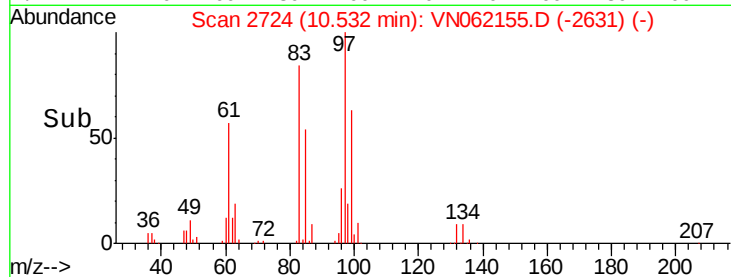
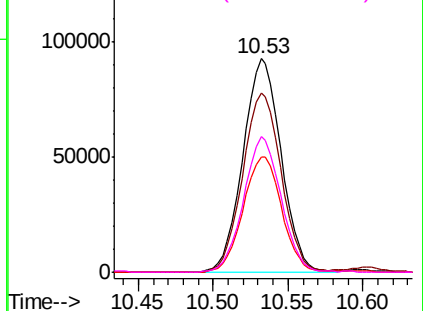
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

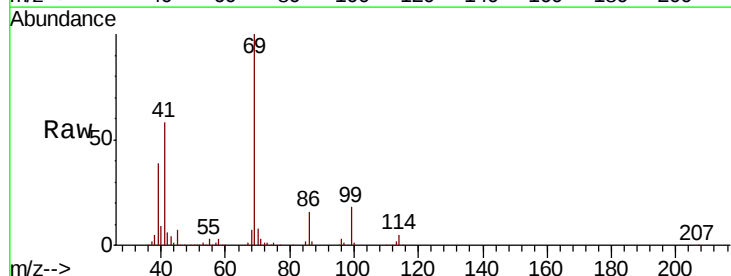
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 57.665 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.6	46.6	70.0
39	38.5	31.0	46.4

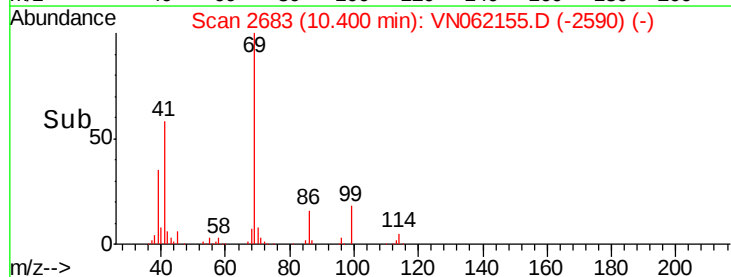
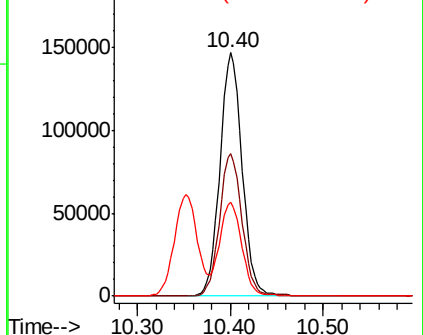


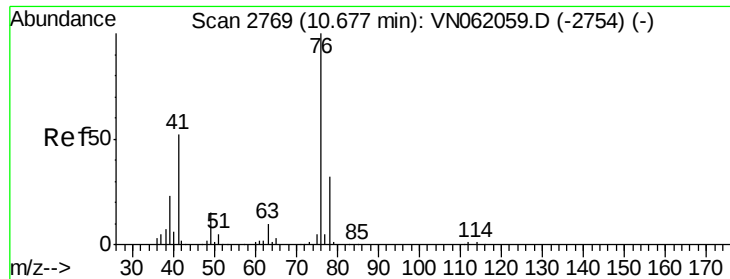
Abundance

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: 52.127 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

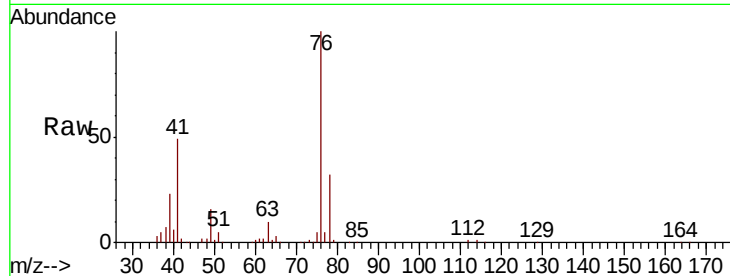
VSTDCCC050

Tot Ion: 76 Resp: 284076

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

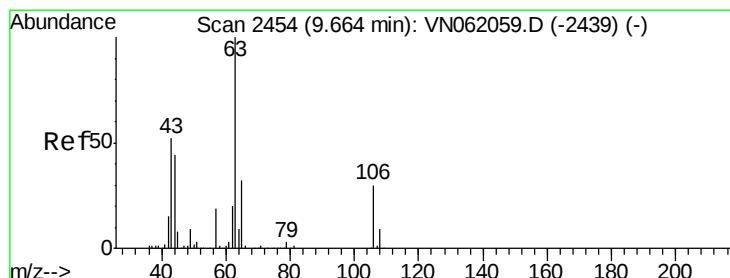
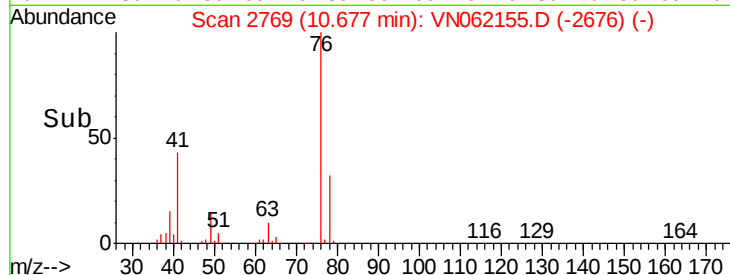
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.532 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062155.D

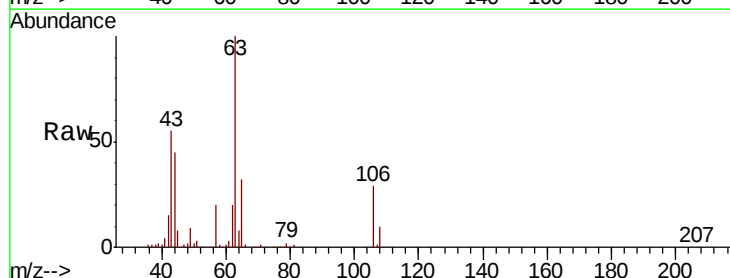
Acq: 26 Jun 2020 21:51

Tgt Ion: 63 Resp: 446915

Ion Ratio Lower Upper

63 100

106 29.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

300000

250000

200000

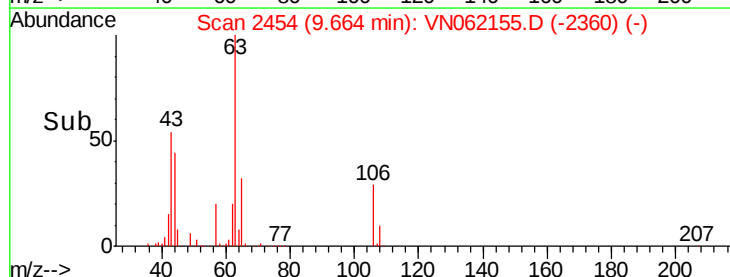
150000

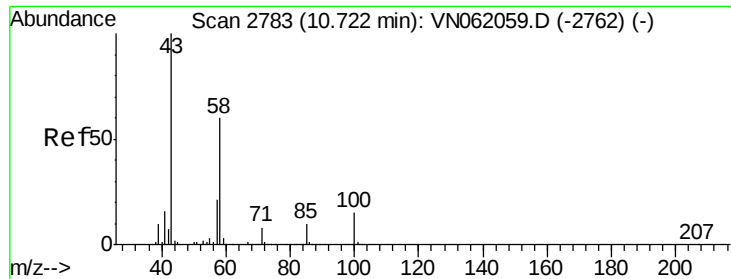
100000

50000

0

Time-->

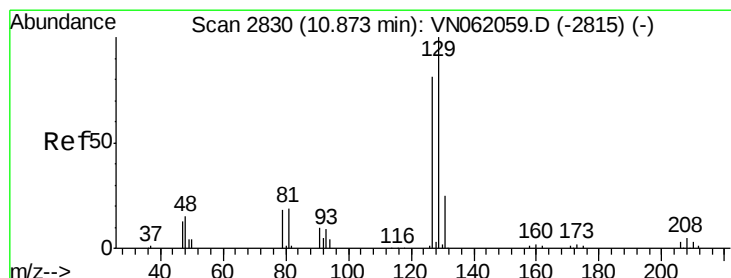
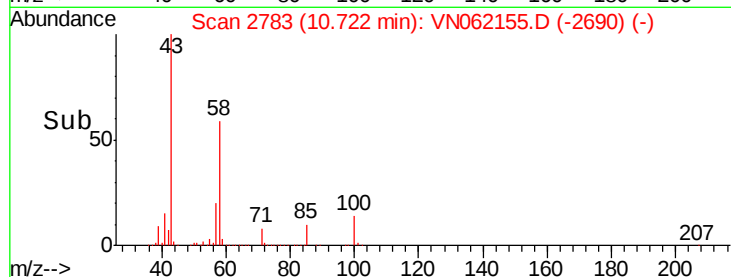
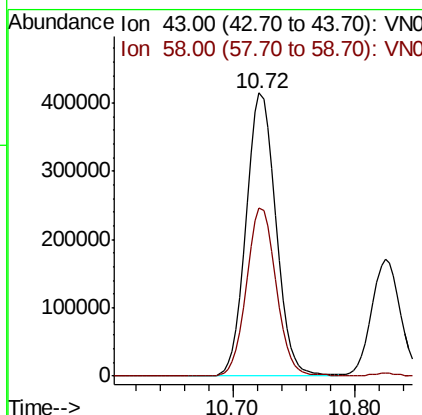
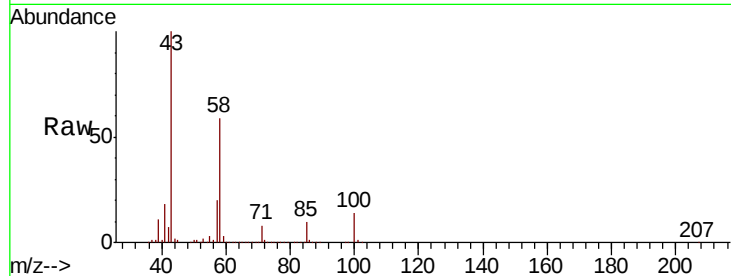




#59
2-Hexanone
Concen: 282.047 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

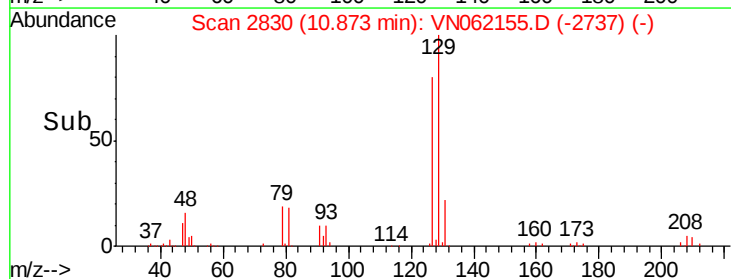
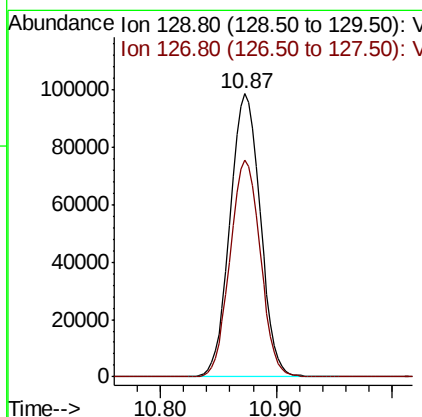
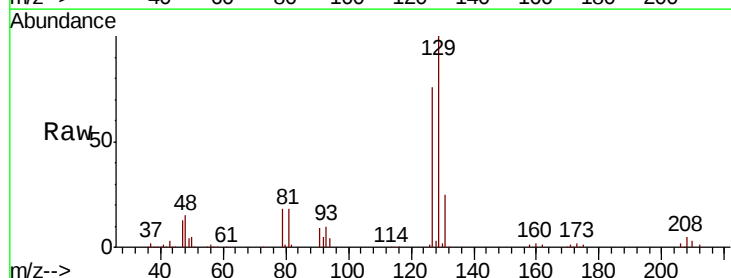
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

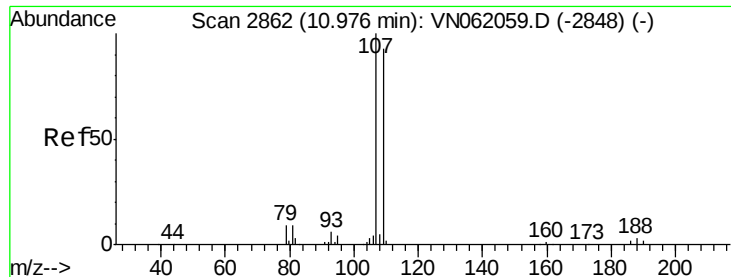
Tot Ion: 43 Resp: 695665
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#60
Dibromochloromethane
Concen: 53.177 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 129 Resp: 178250
Ion Ratio Lower Upper
129 100
127 76.5 39.5 118.5

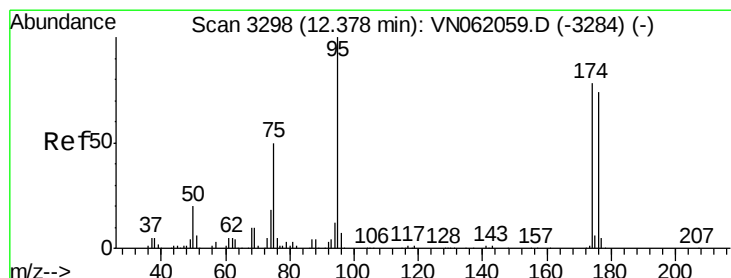
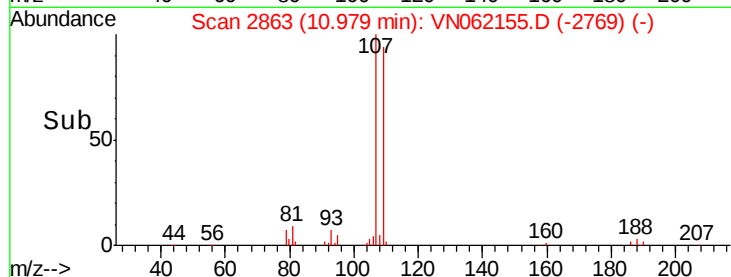
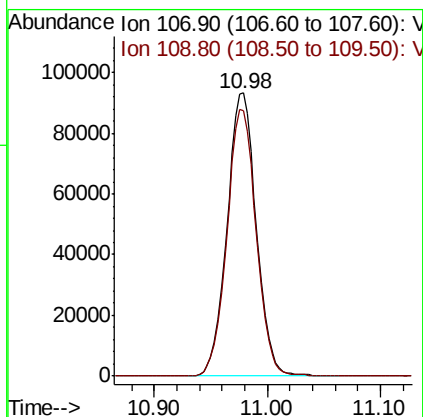
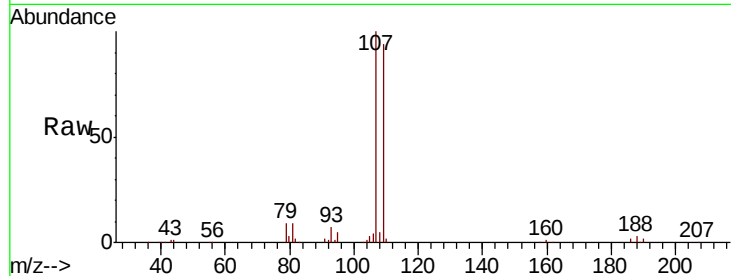




#61
 1,2-Dibromoethane
 Concen: 51.354 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

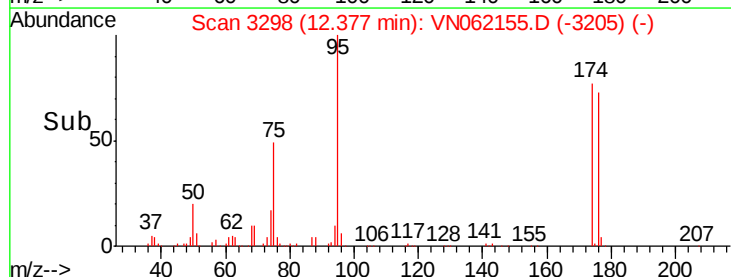
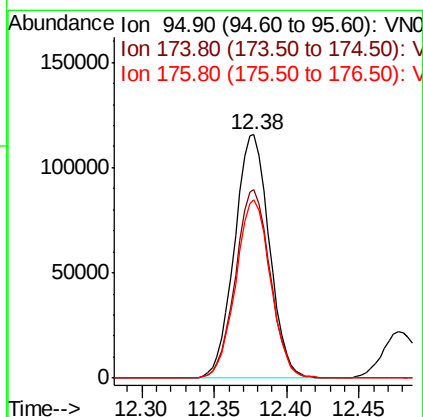
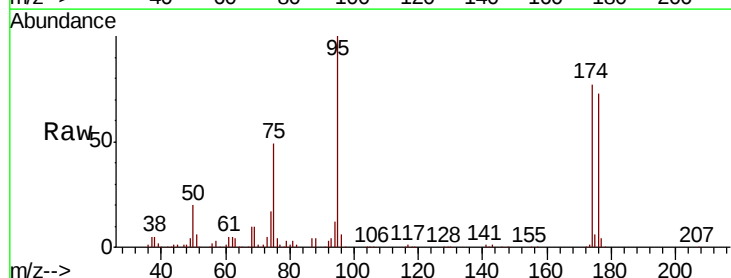
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

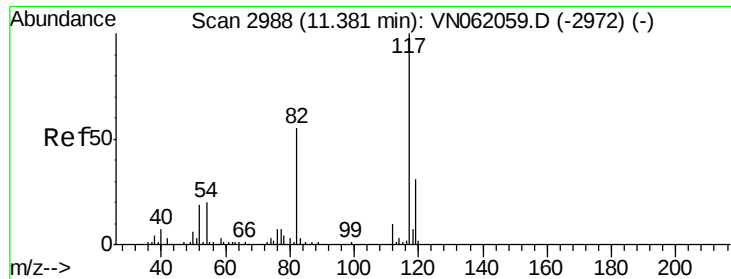
Tot Ion:107 Resp: 167069
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.809 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion: 95 Resp: 193417
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 154.8
 176 73.1 0.0 147.4

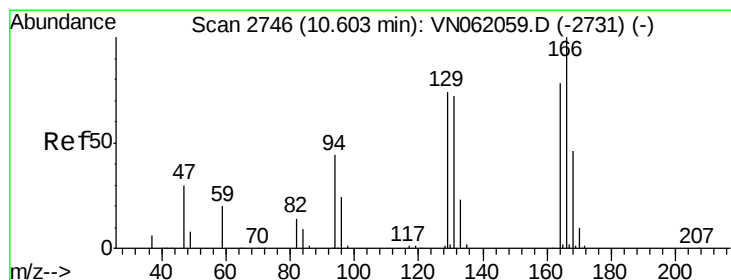
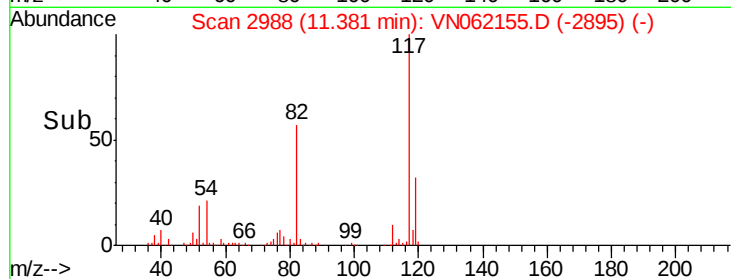
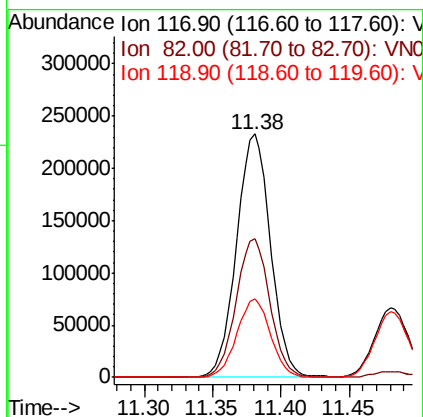
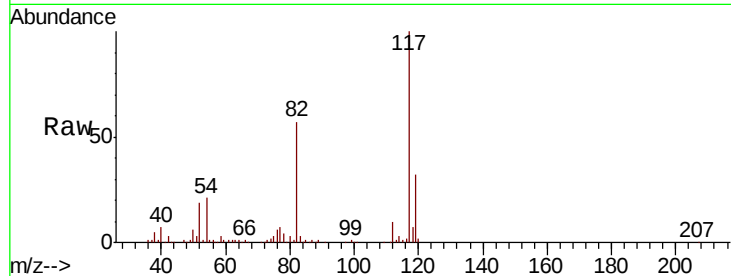




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

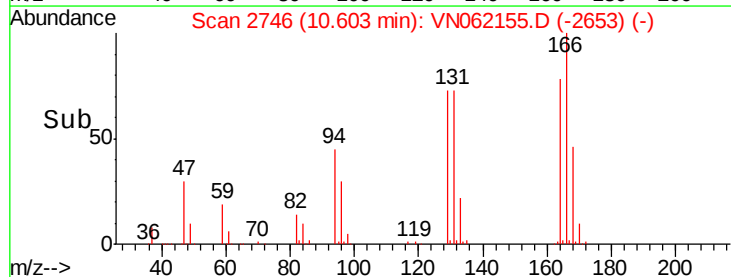
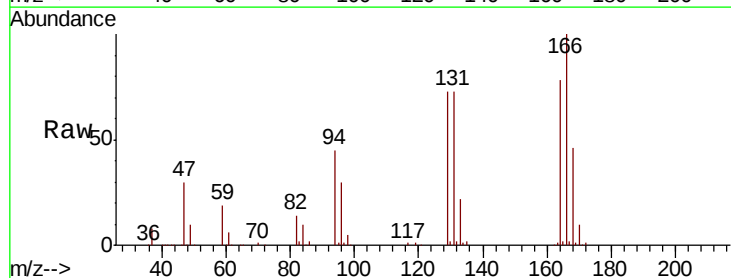
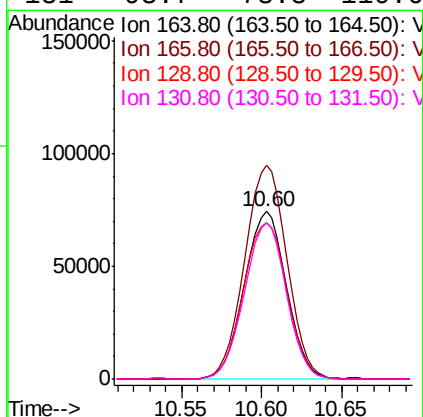
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.8	65.8
119	32.0	25.2	37.8



#64
Tetrachloroethene
Concen: 48.386 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.9	154.3
129	93.2	75.8	113.8
131	93.7	73.8	110.6

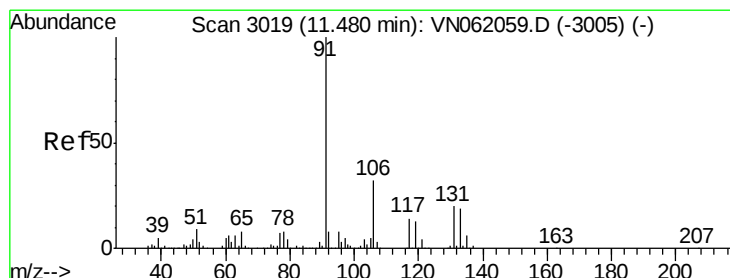
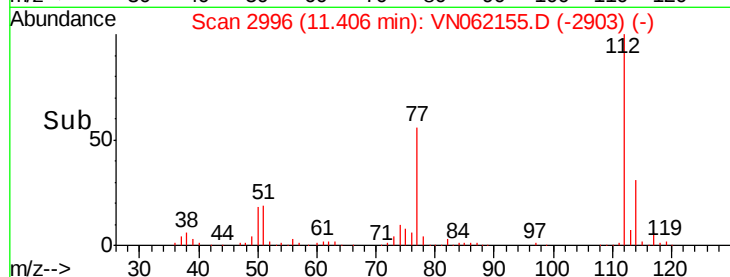
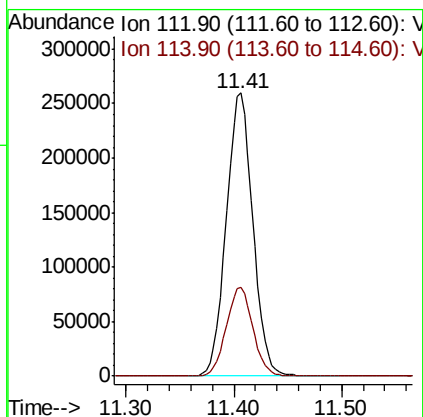
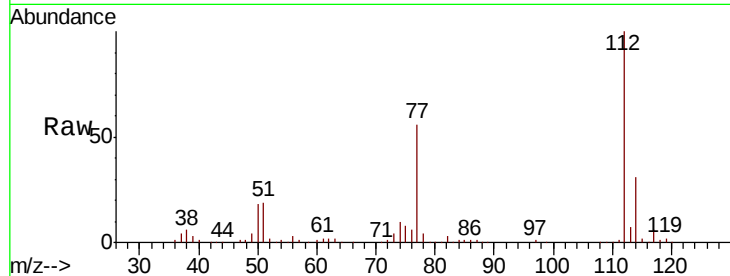




#65
Chlorobenzene
Concen: 50.290 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

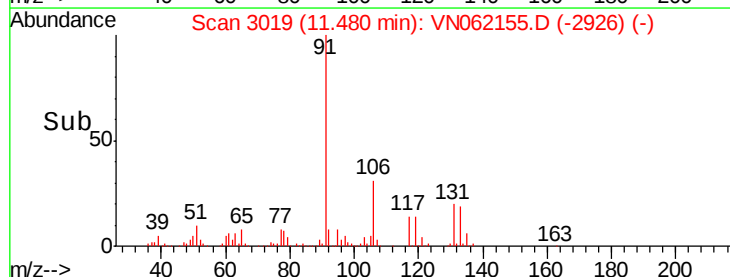
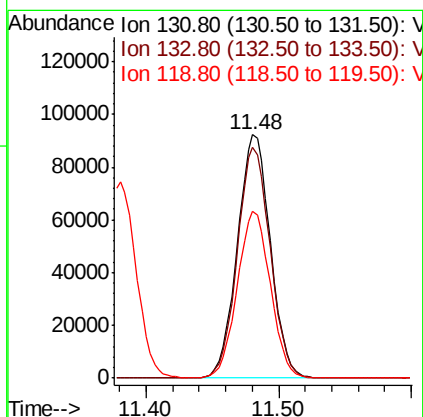
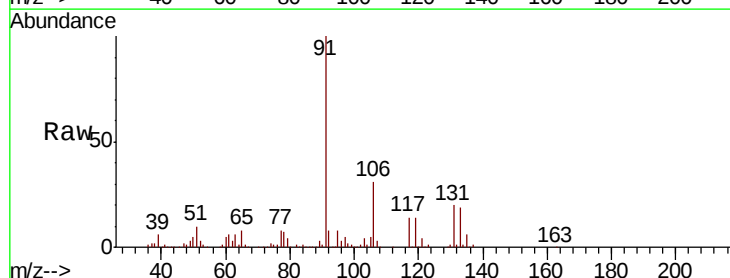
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 445259
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.091 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion:131 Resp: 159481
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 68.6 34.4 103.3

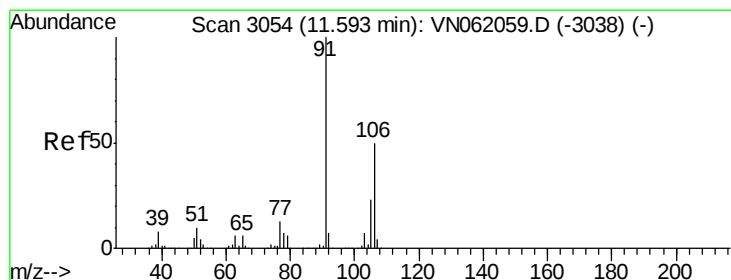
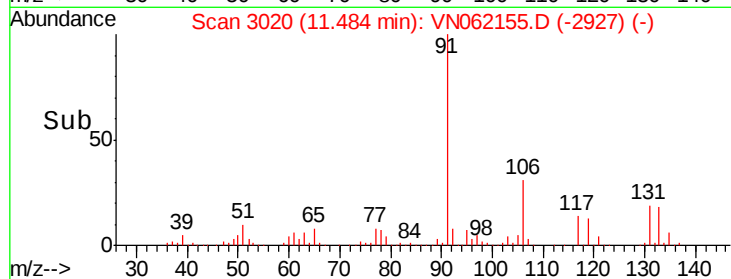
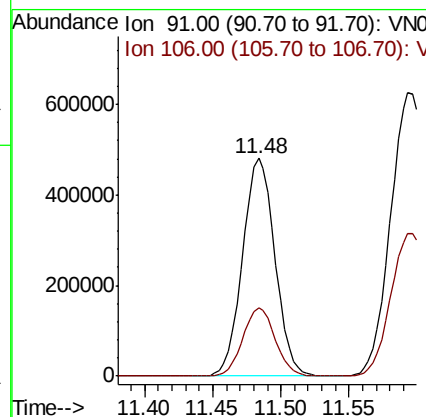
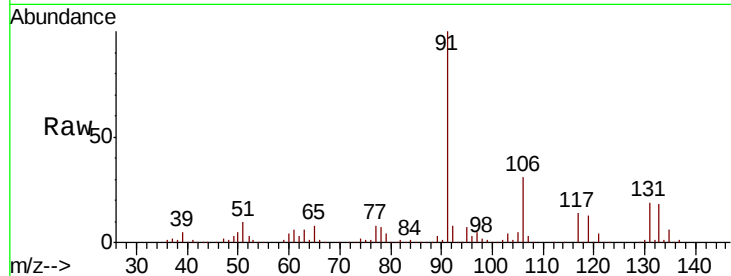




#67
Ethyl Benzene
Concen: 53.030 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

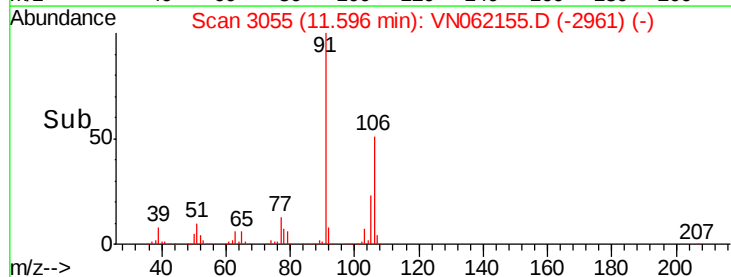
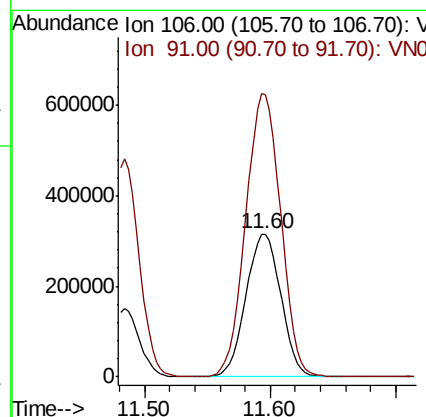
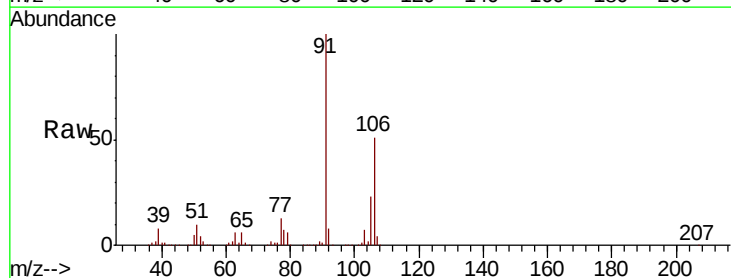
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

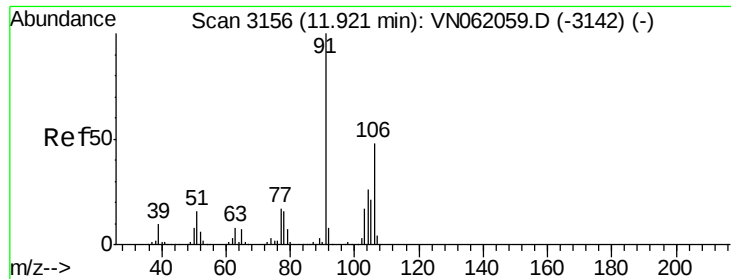
Tot Ion: 91 Resp: 792959
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 105.460 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 106 Resp: 609941
Ion Ratio Lower Upper
106 100
91 199.6 157.8 236.8

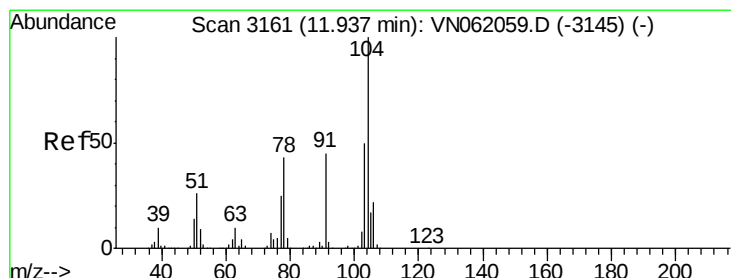
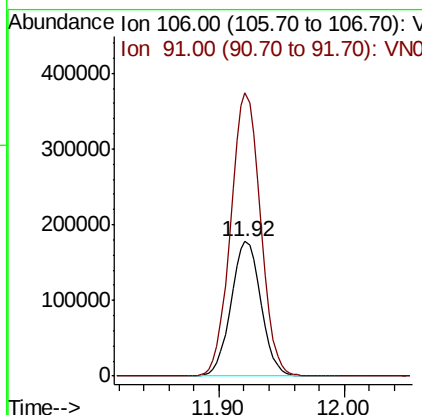
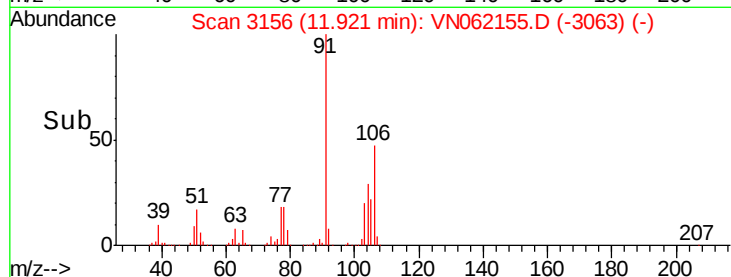
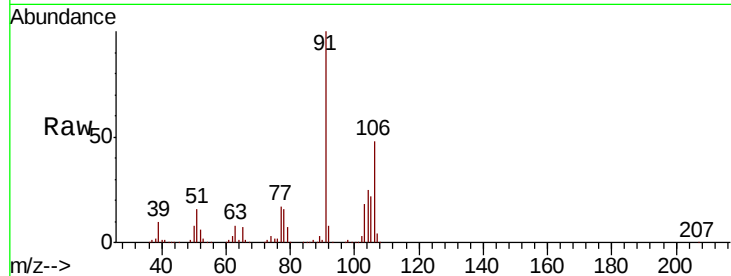




#69
o-Xylene
Concen: 53.815 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

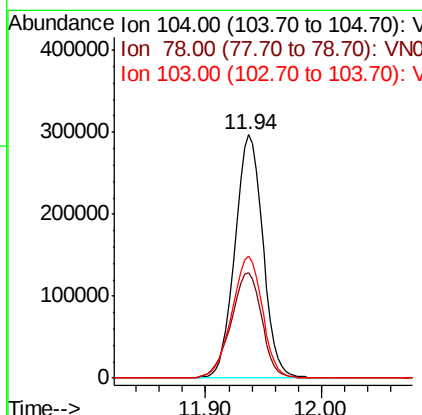
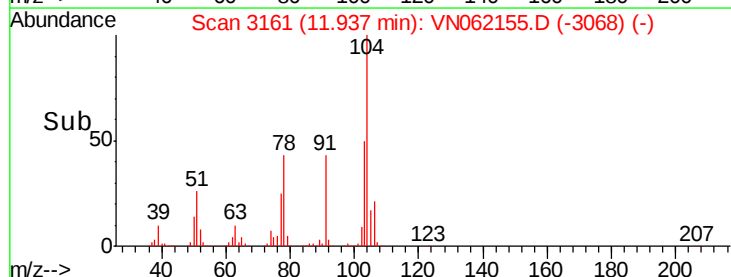
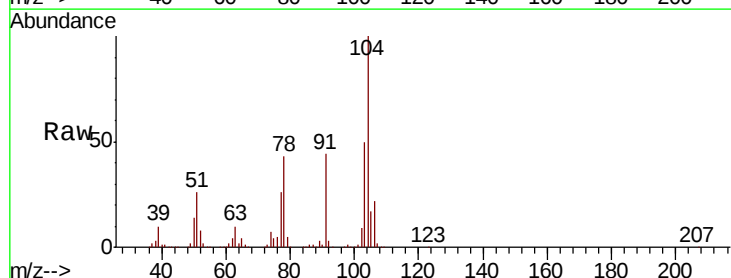
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

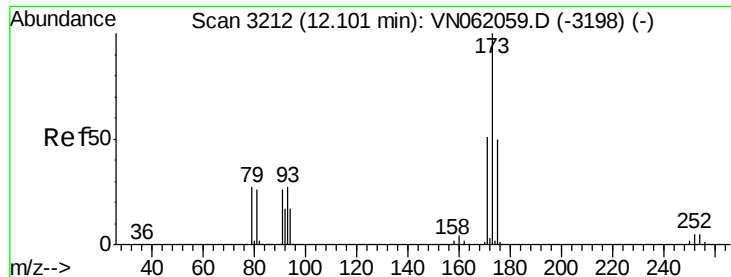
Tot Ion:106 Resp: 293663
Ion Ratio Lower Upper
106 100
91 210.5 104.0 311.9



#70
Styrene
Concen: 54.416 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion:104 Resp: 495228
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 54.8 43.0 64.6





#71

Bromoform

Concen: 53.565 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

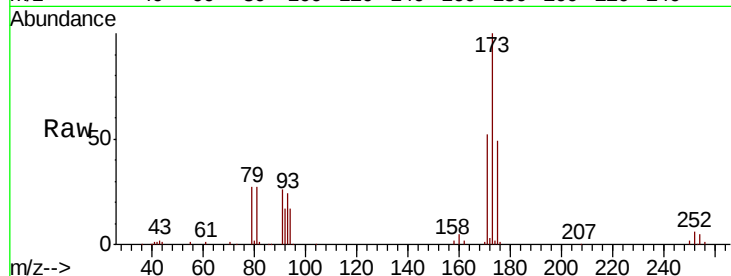
Tot Ion:173 Resp: 116600

Ion Ratio Lower Upper

173 100

175 48.4 24.7 74.1

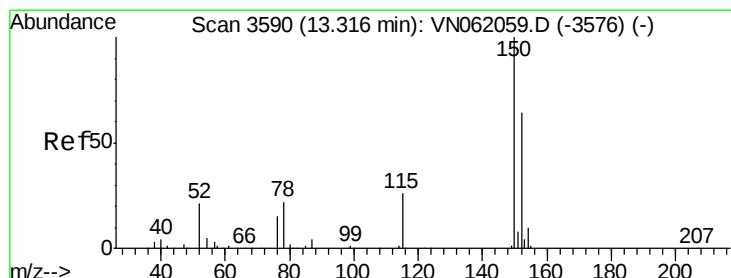
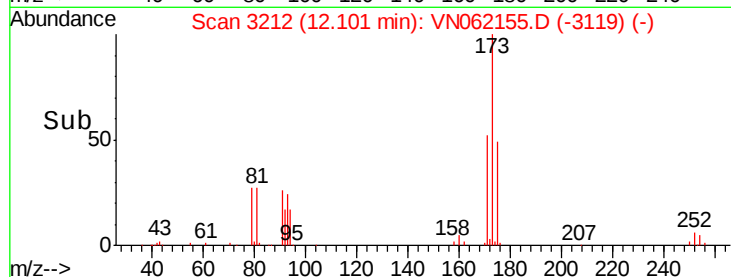
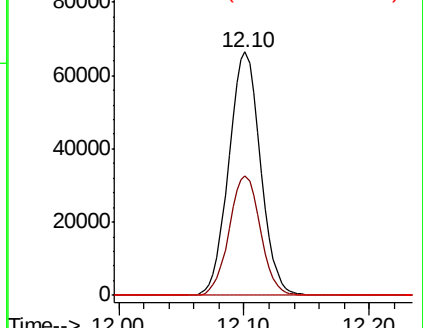
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

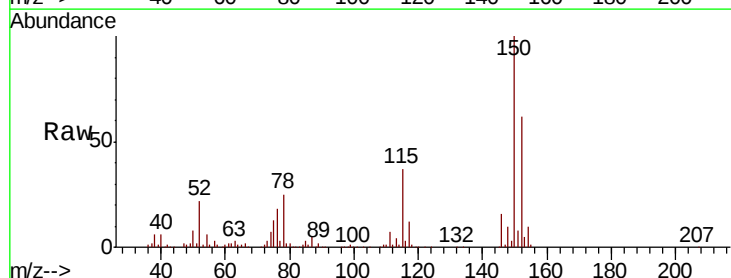
Tgt Ion:152 Resp: 190194

Ion Ratio Lower Upper

152 100

115 58.5 29.5 88.5

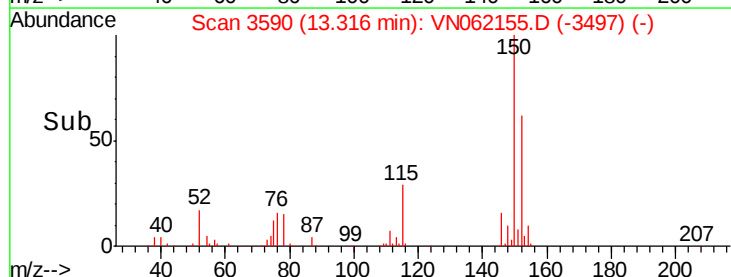
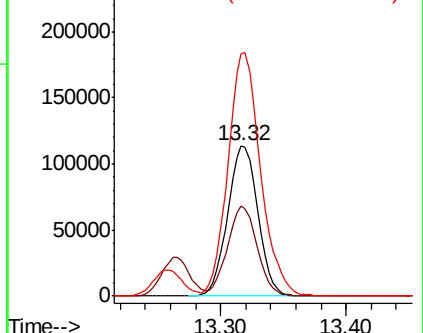
150 173.6 0.0 351.4



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: 53.357 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampled :

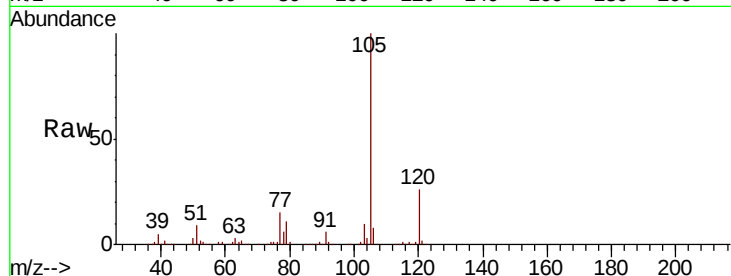
VSTDCCC050

Tot Ion:105 Resp: 785544

Ion Ratio Lower Upper

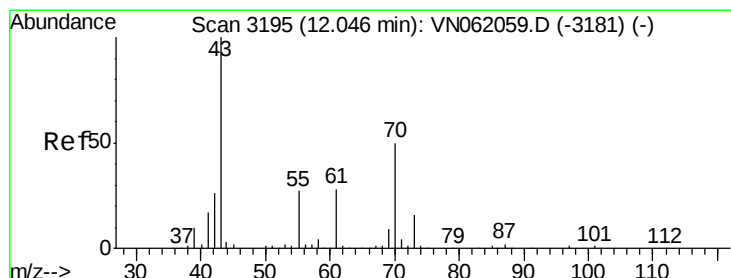
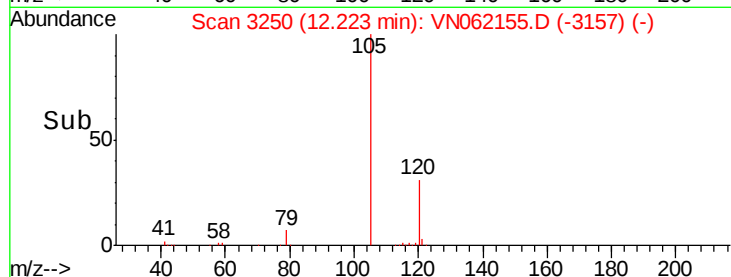
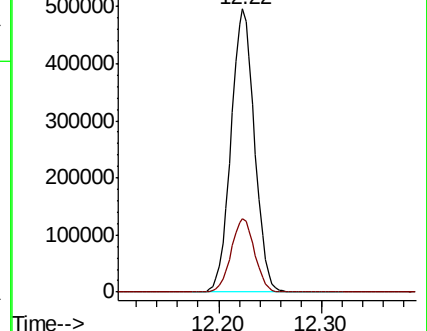
105 100

120 26.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.446 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion: 43 Resp: 285185

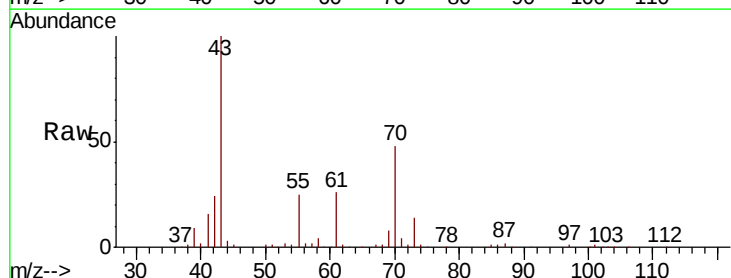
Ion Ratio Lower Upper

43 100

70 48.3 39.4 59.2

55 25.7 21.7 32.5

61 26.2 21.3 31.9

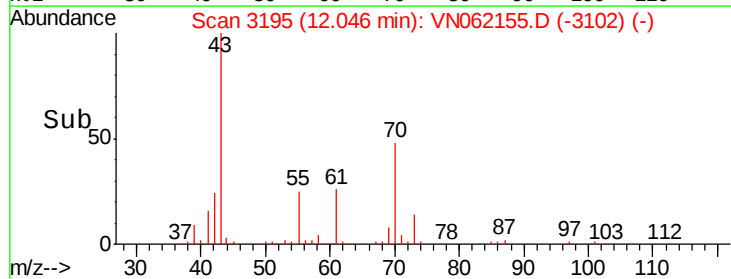
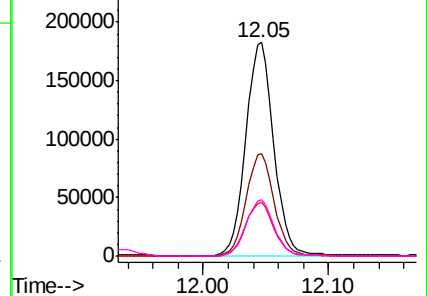


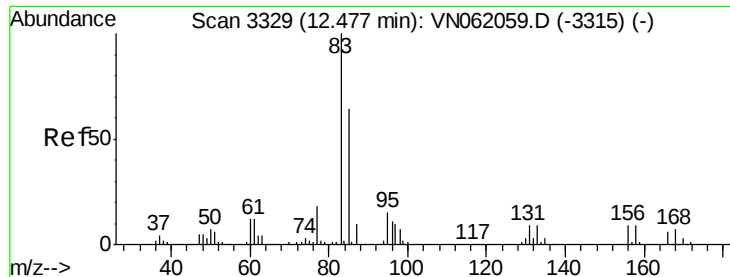
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.930 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

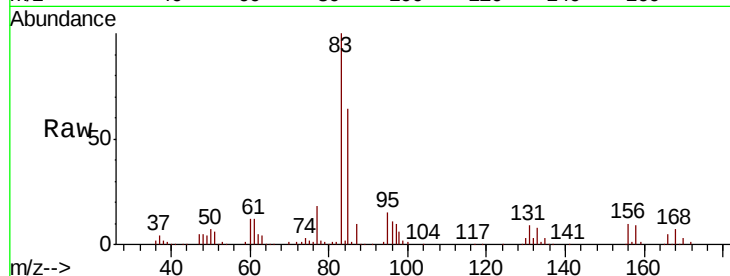
Tot Ion: 83 Resp: 244624

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 64.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062155.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062155.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062155.D (-3236) (-)

12.48

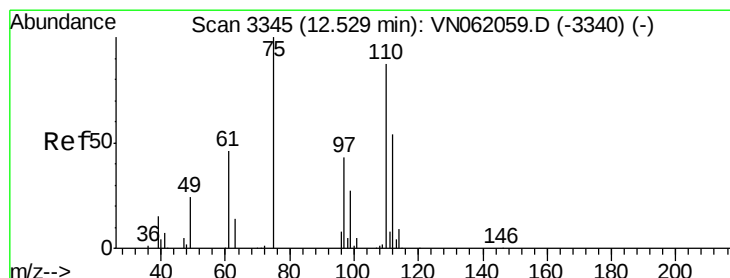
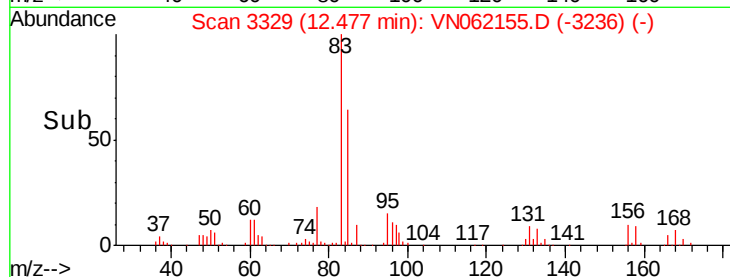
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 68.021 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062155.D

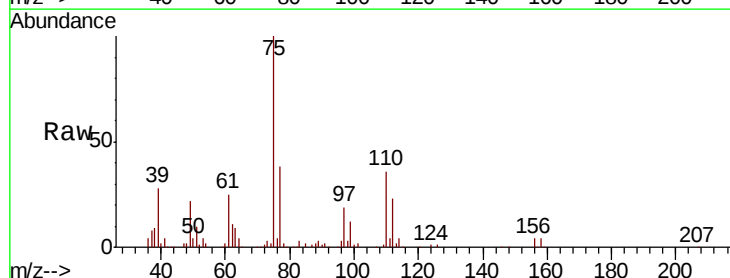
Acq: 26 Jun 2020 21:51

Tgt Ion: 75 Resp: 304554

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062155.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062155.D (-3252) (-)

12.53

200000

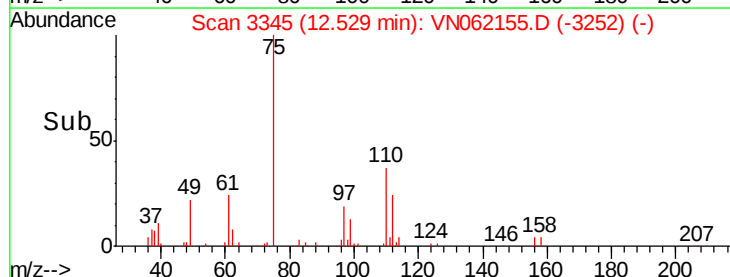
150000

100000

50000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 49.787 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

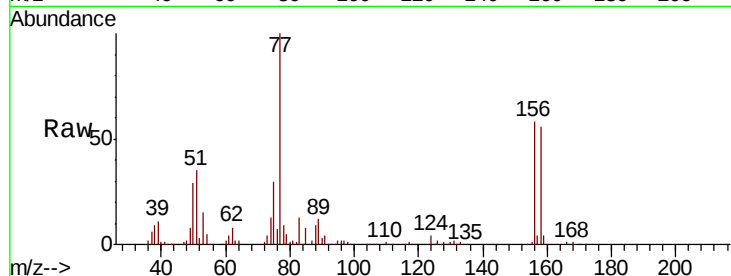
Tot Ion:156 Resp: 181977

Ion Ratio Lower Upper

156 100

77 211.4 104.6 313.8

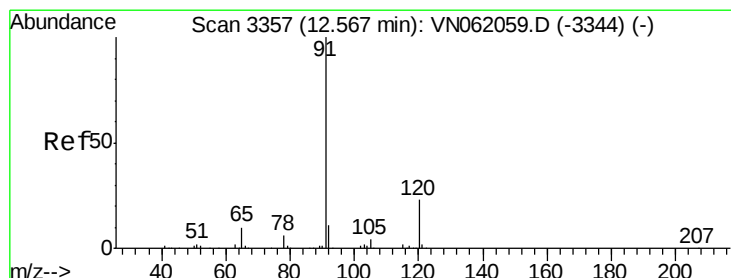
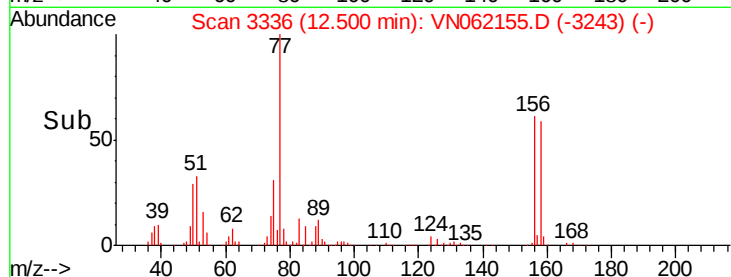
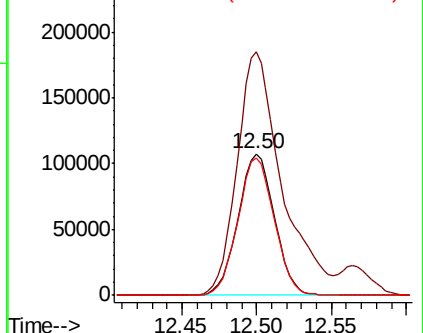
158 97.2 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.835 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062155.D

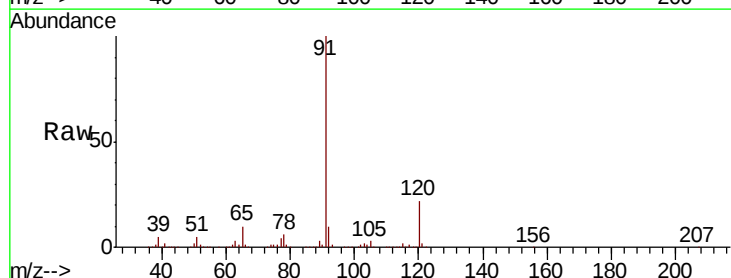
Acq: 26 Jun 2020 21:51

Tgt Ion: 91 Resp: 889770

Ion Ratio Lower Upper

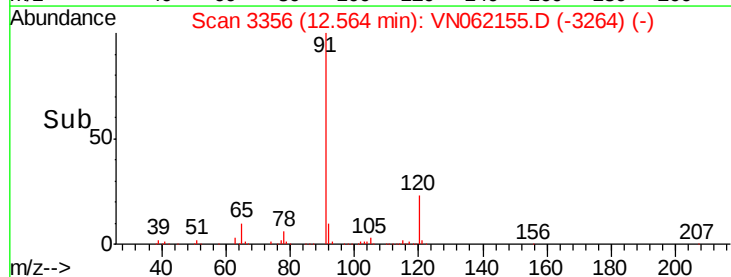
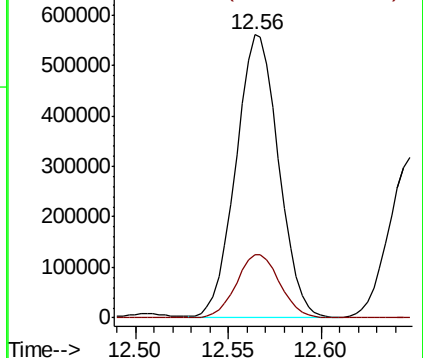
91 100

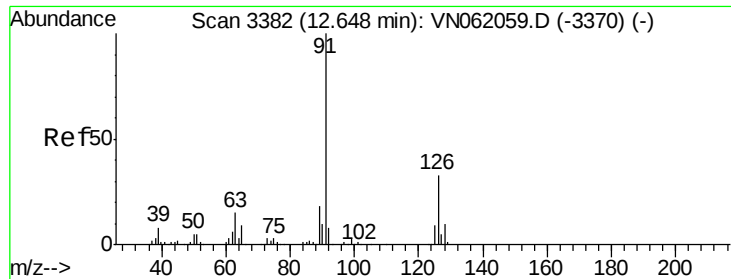
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

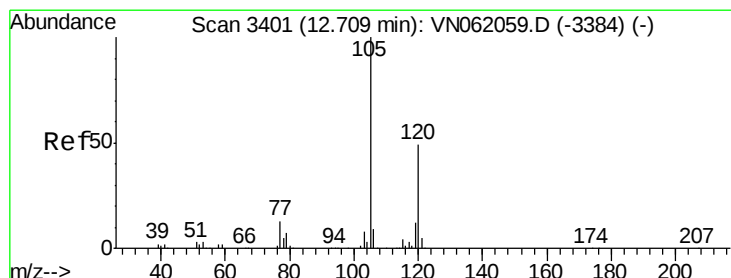
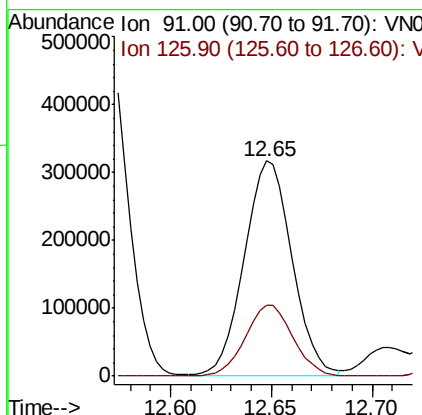
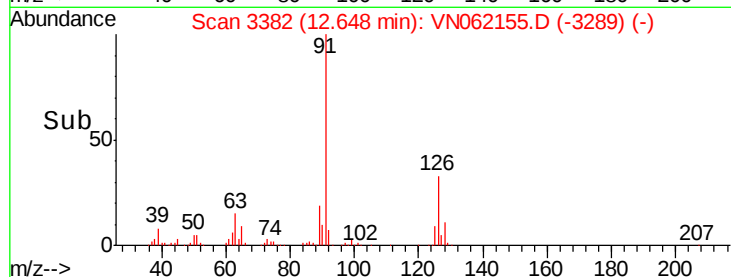
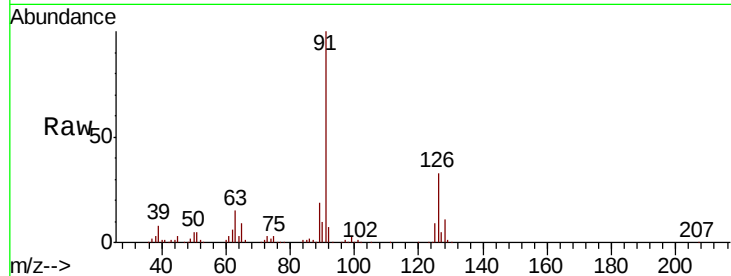




#79
 2-Chlorotoluene
 Concen: 51.261 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

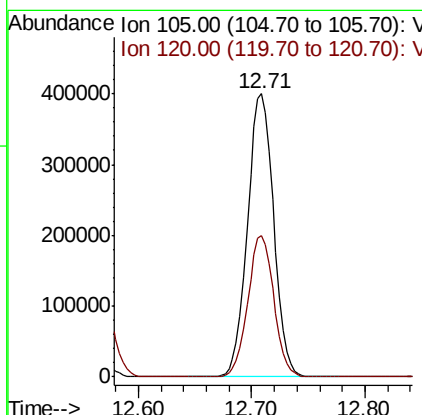
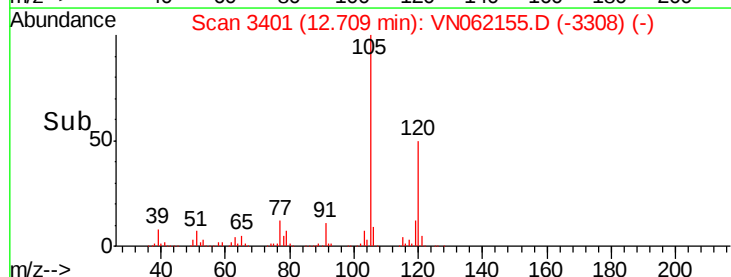
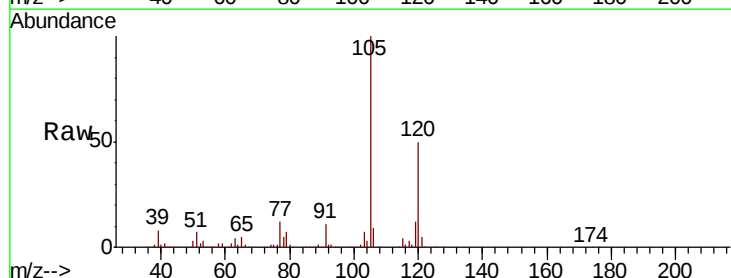
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

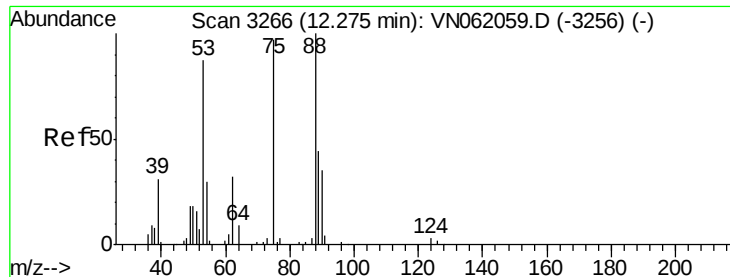
Tot Ion: 91 Resp: 521877
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.775 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion: 105 Resp: 641793
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.112 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

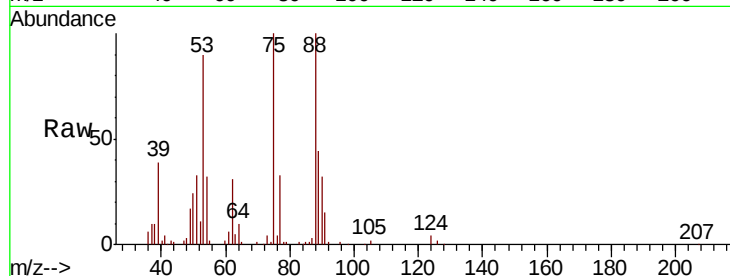
Tot Ion: 75 Resp: 78362

Ion Ratio Lower Upper

75 100

53 88.6 72.0 108.0

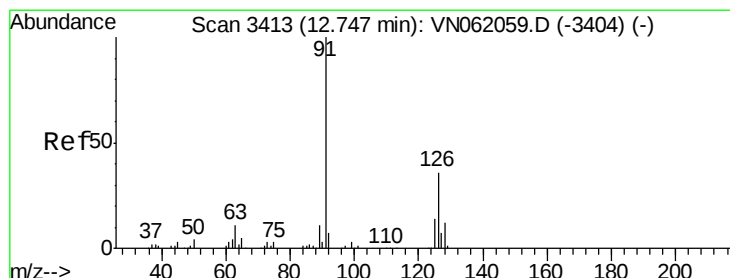
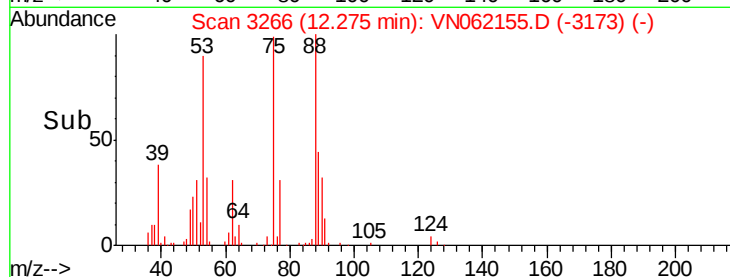
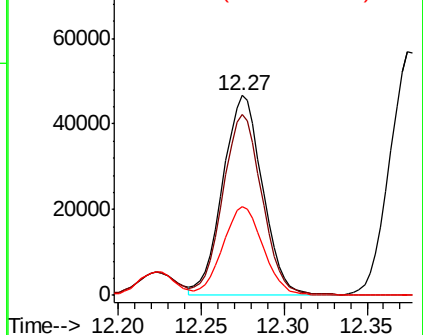
89 44.7 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062155.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062155.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062155.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 51.475 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062155.D

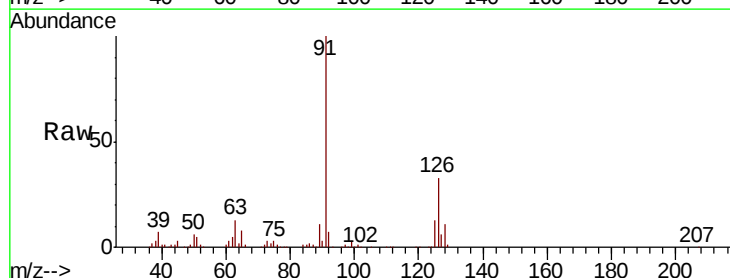
Acq: 26 Jun 2020 21:51

Tgt Ion: 91 Resp: 541929

Ion Ratio Lower Upper

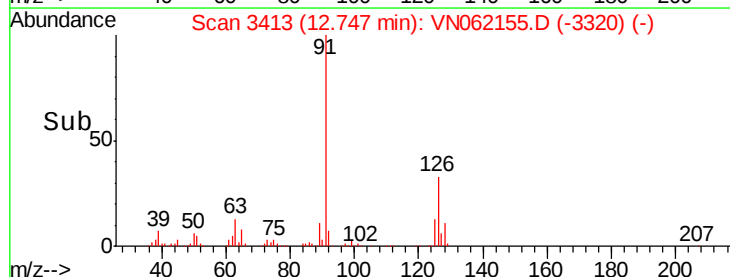
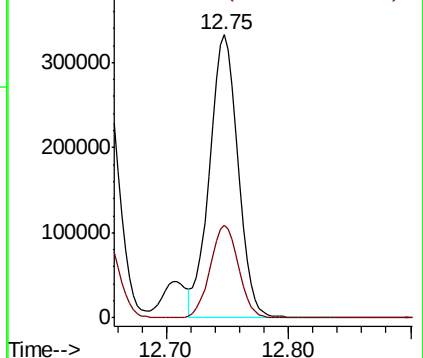
91 100

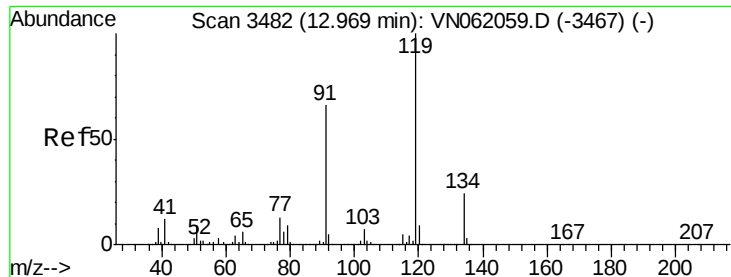
126 32.7 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062155.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062155.D (-3320) (-)

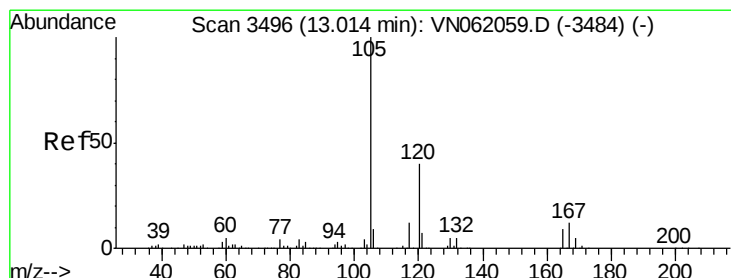
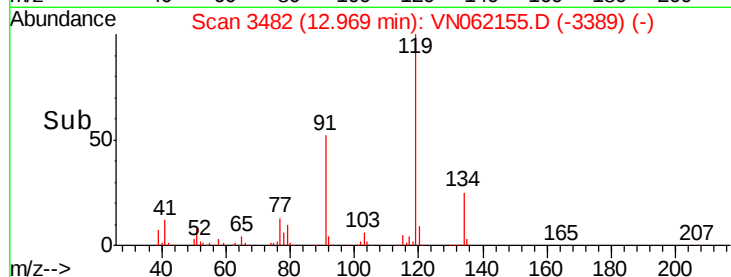
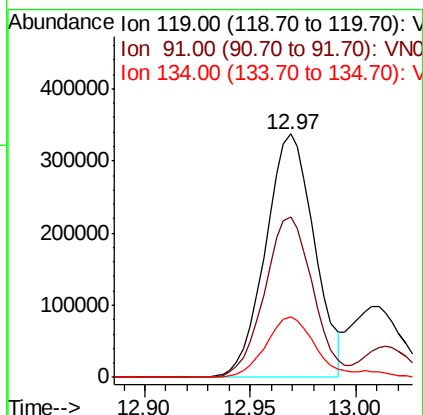
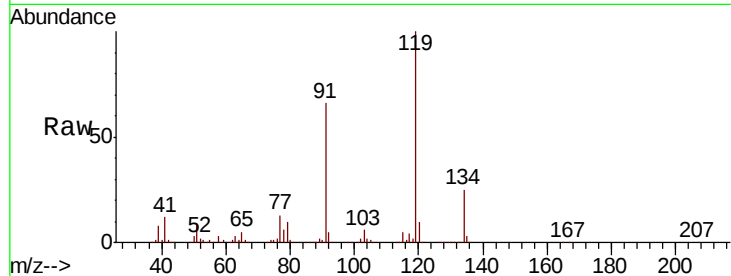




#83
tert-Butylbenzene
Concen: 53.233 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

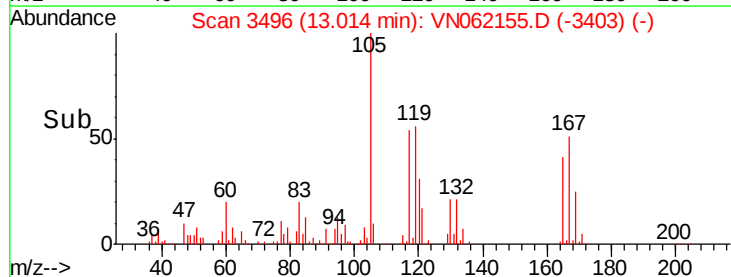
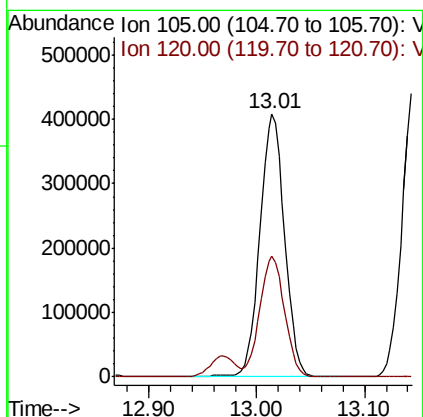
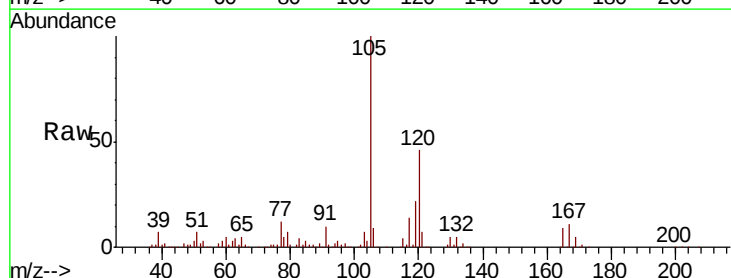
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

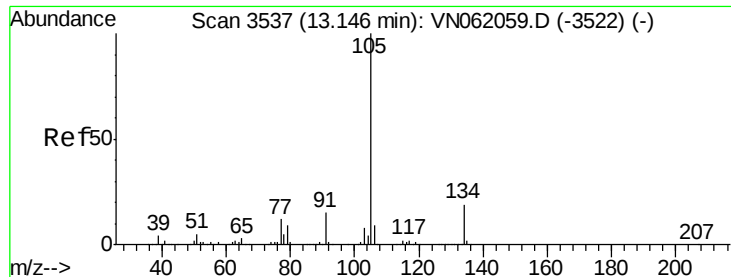
Tot Ion:119 Resp: 543721
Ion Ratio Lower Upper
119 100
91 65.1 31.7 95.1
134 26.7 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 54.247 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion:105 Resp: 646618
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.5

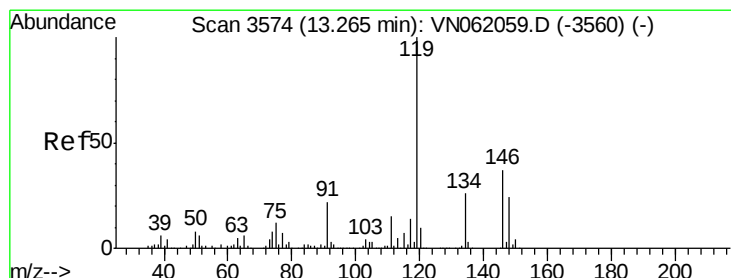
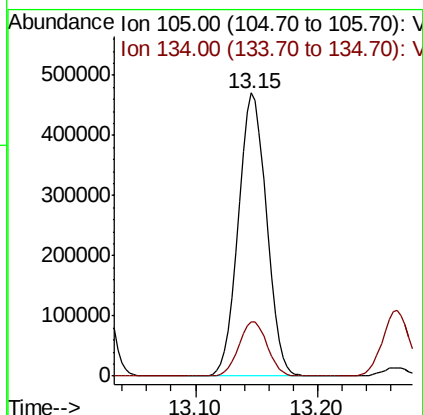
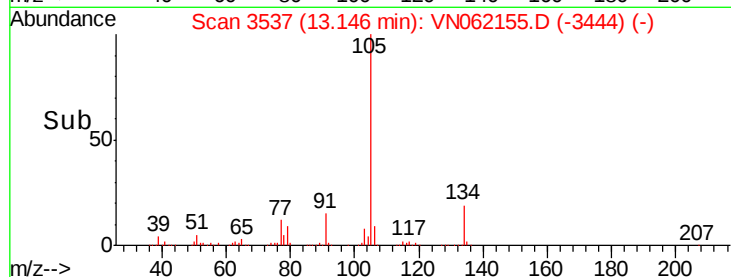
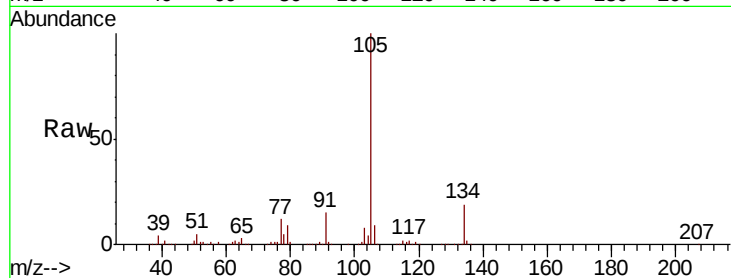




#85
 sec-Butylbenzene
 Concen: 55.358 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

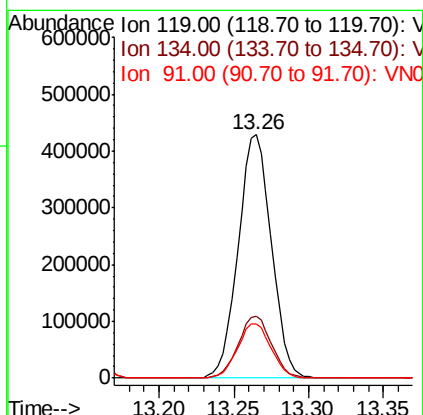
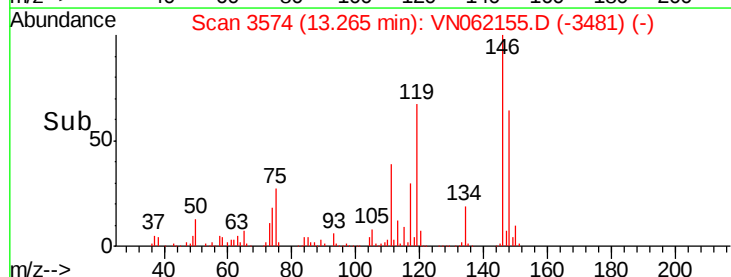
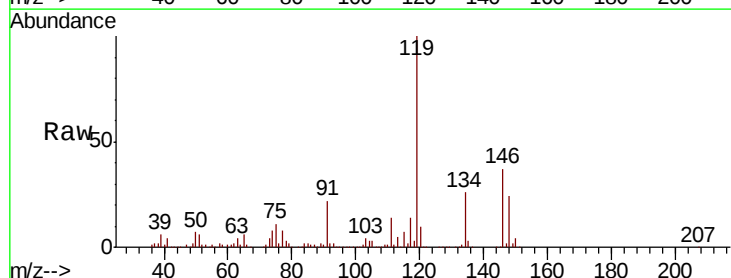
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

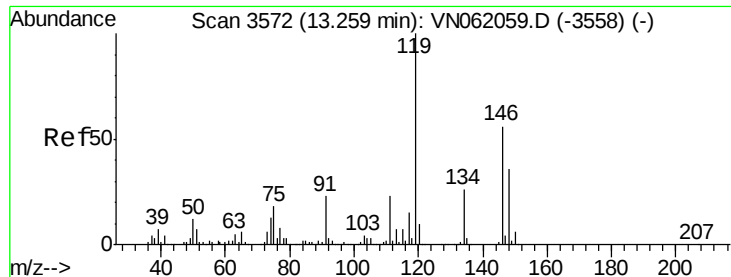
Tot Ion:105 Resp: 747138
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 55.868 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion:119 Resp: 660606
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 22.5 11.3 33.8

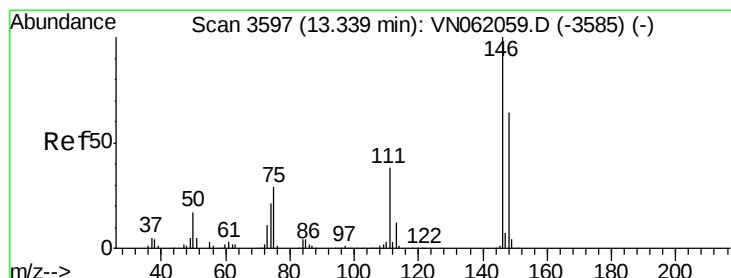
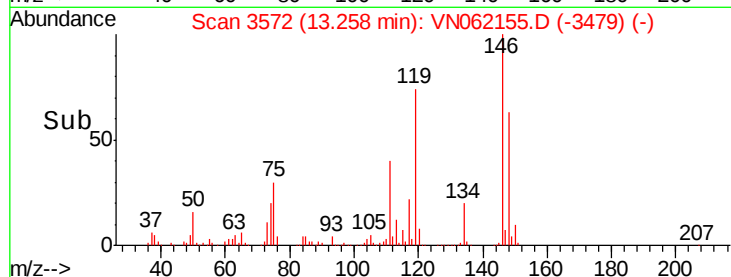
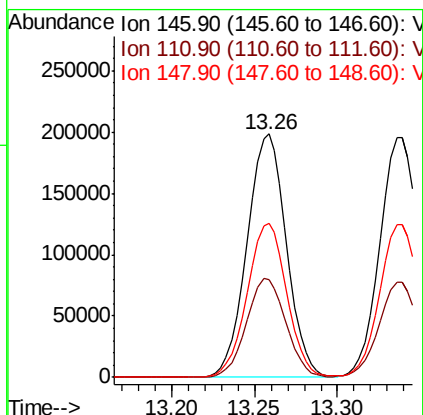
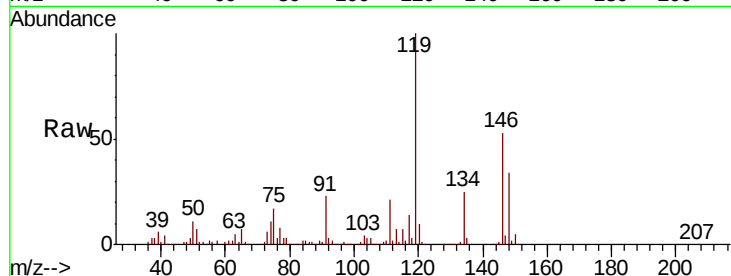




#87
 1,3-Dichlorobenzene
 Concen: 51.211 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

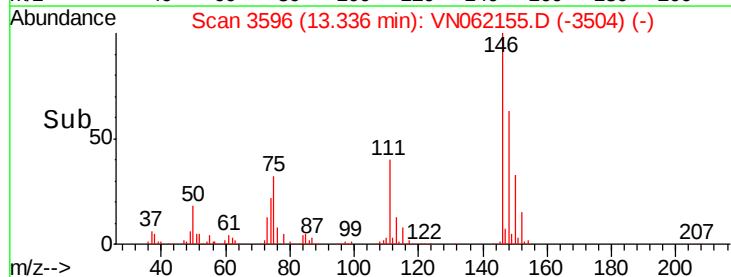
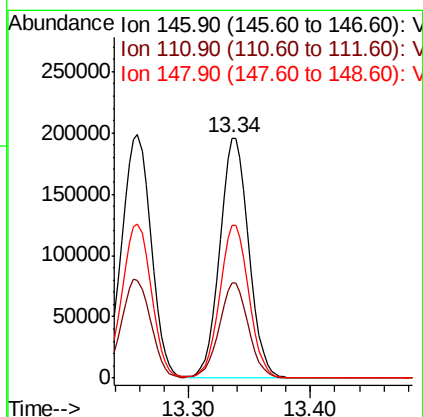
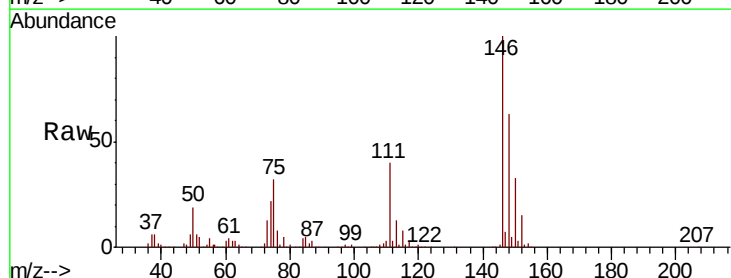
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

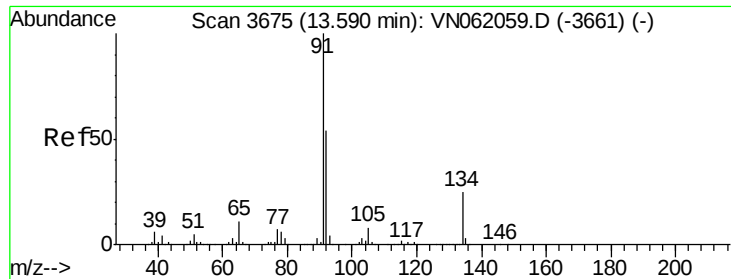
Tot Ion:146 Resp: 328692
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 61.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.306 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion:146 Resp: 326213
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.6
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 55.759 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

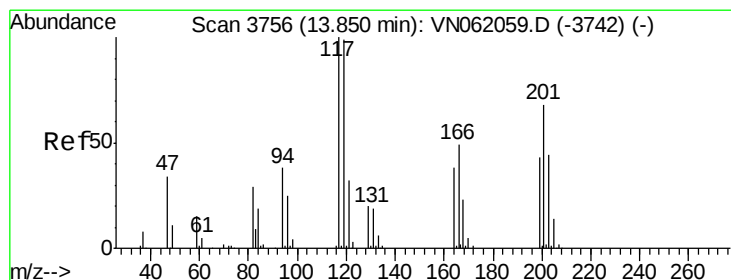
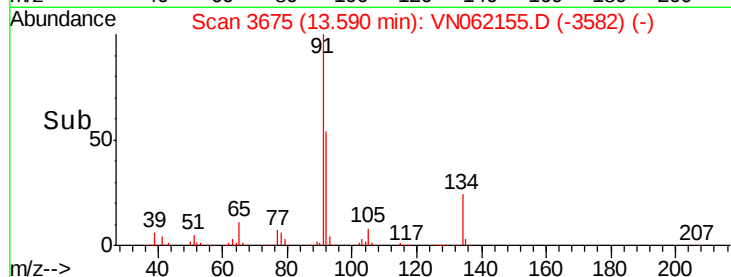
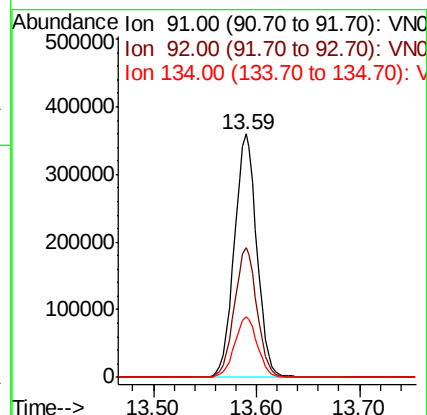
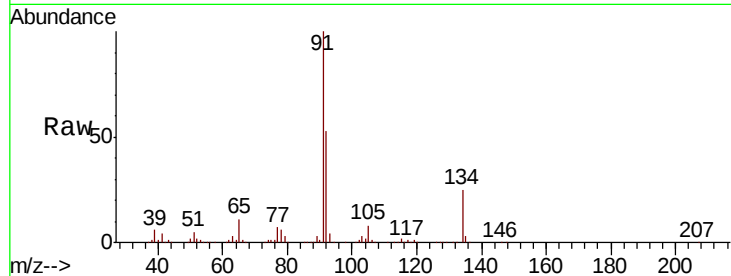
Tot Ion: 91 Resp: 548147

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 25.0 12.3 36.9



#90

Hexachloroethane

Concen: 52.473 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062155.D

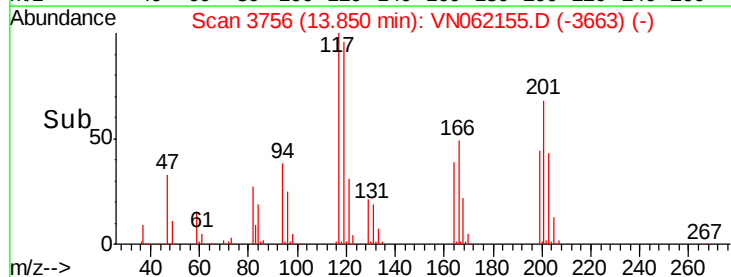
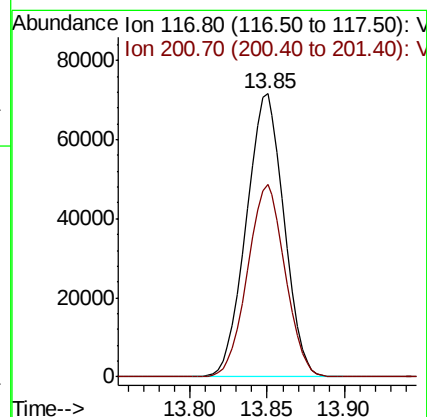
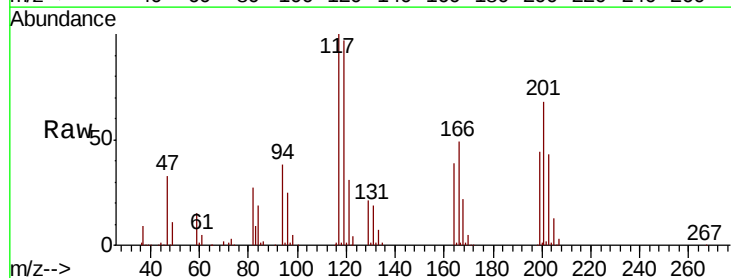
Acq: 26 Jun 2020 21:51

Tgt Ion: 117 Resp: 121734

Ion Ratio Lower Upper

117 100

201 67.6 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 51.905 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

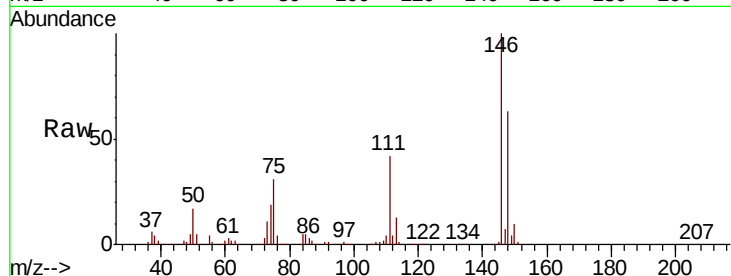
Tot Ion:146 Resp: 323054

Ion Ratio Lower Upper

146 100

111 41.8 21.2 63.6

148 62.6 31.9 95.5

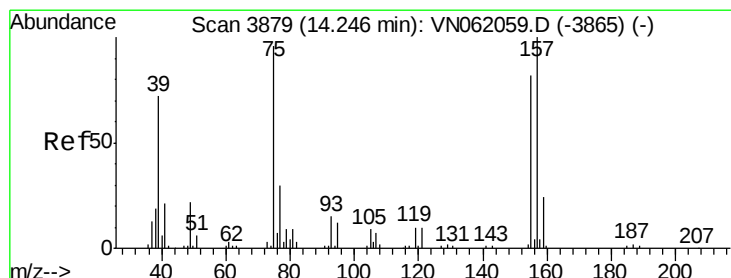
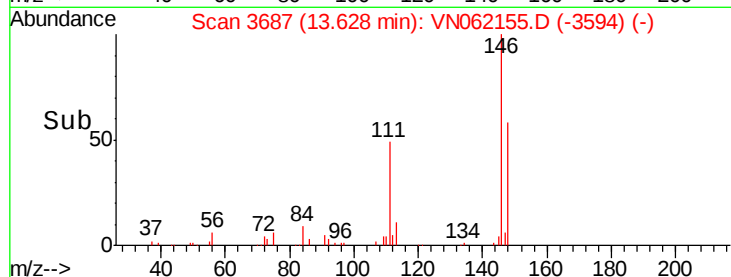
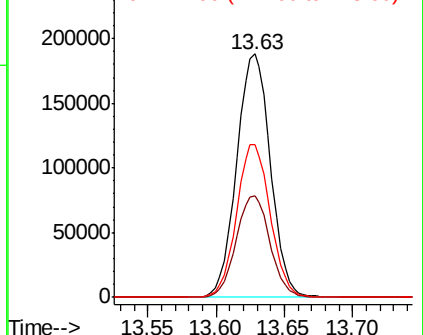


Abundance

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: 53.748 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

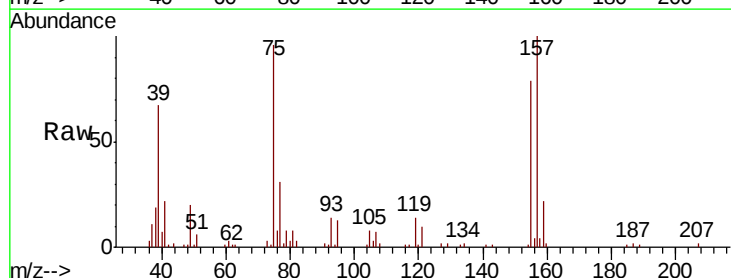
Tgt Ion: 75 Resp: 42184

Ion Ratio Lower Upper

75 100

155 82.7 40.8 122.4

157 105.5 51.4 154.3

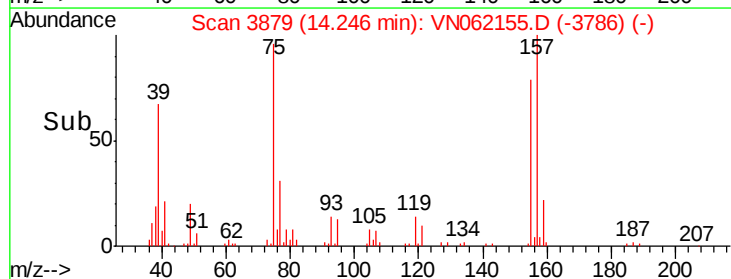
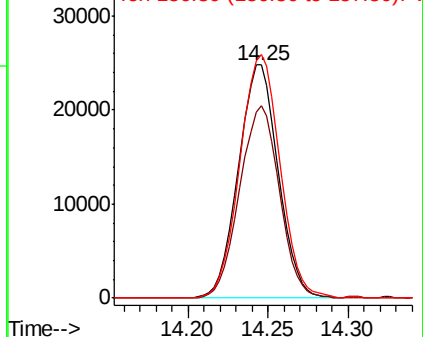


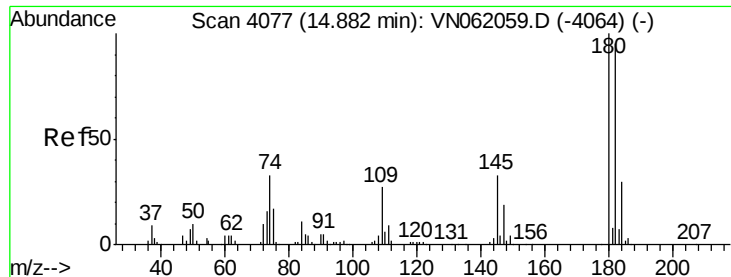
Abundance

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

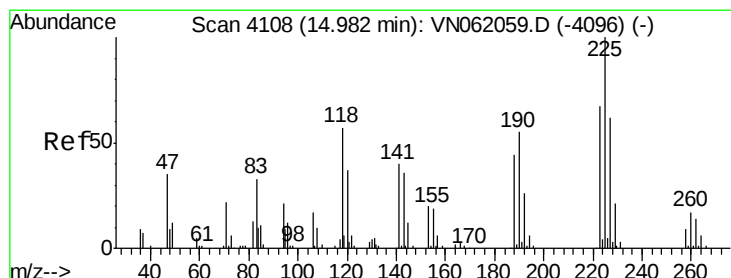
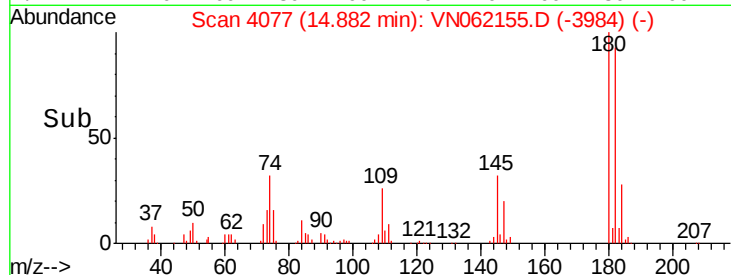
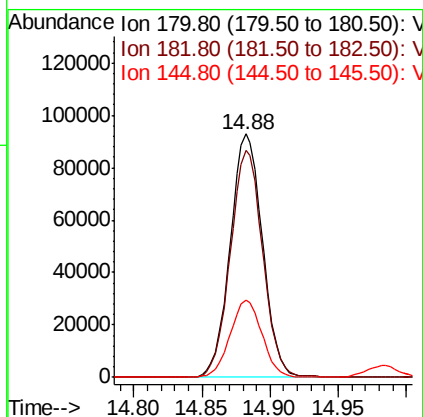
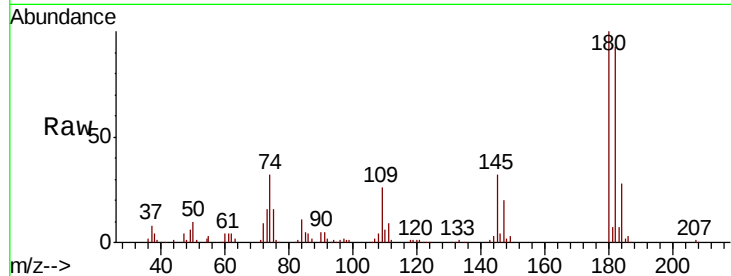




#93
 1,2,4-Trichlorobenzene
 Concen: 56.165 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

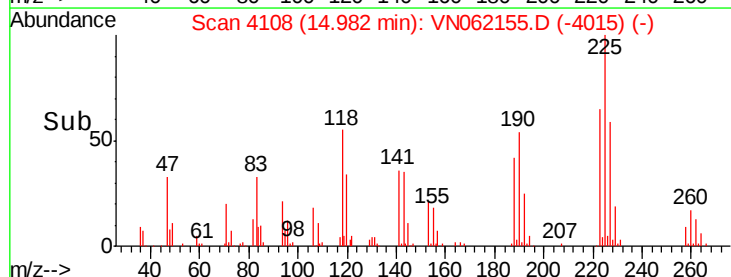
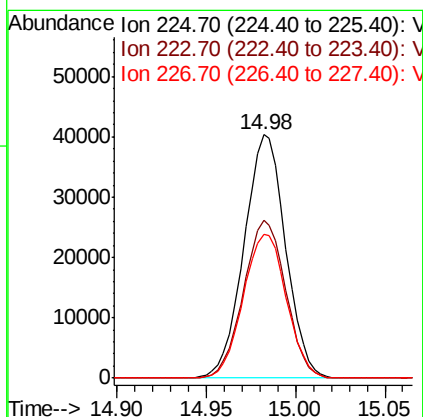
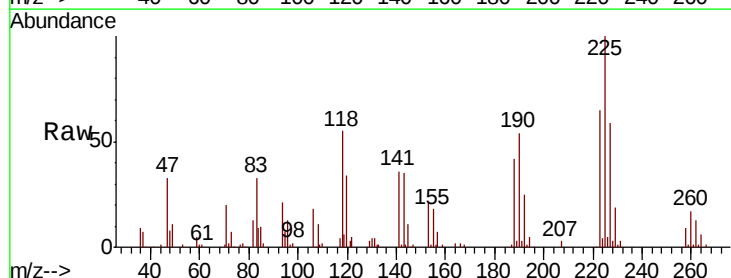
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

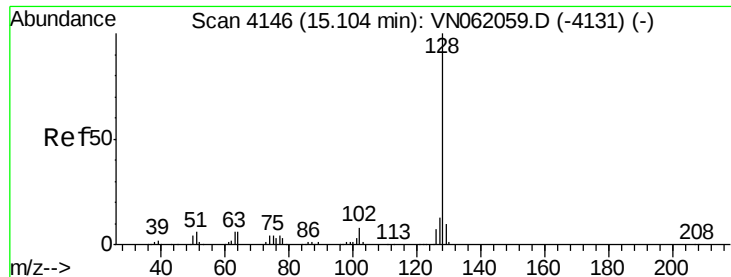
Tot Ion:180 Resp: 152711
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.0 144.2
 145 31.4 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 55.535 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion:225 Resp: 65582
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.9 98.7
 227 61.5 31.3 93.8





#95

Naphthalene

Concen: 49.518 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

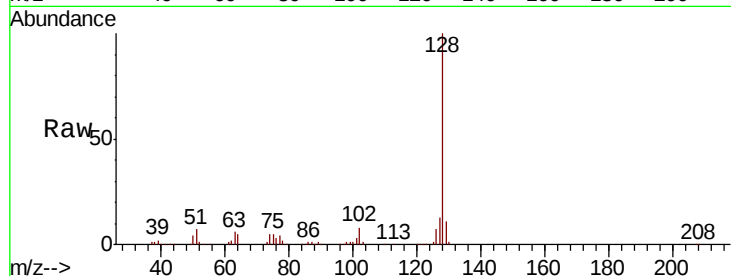
Tot Ion:128 Resp: 448532

Ion Ratio Lower Upper

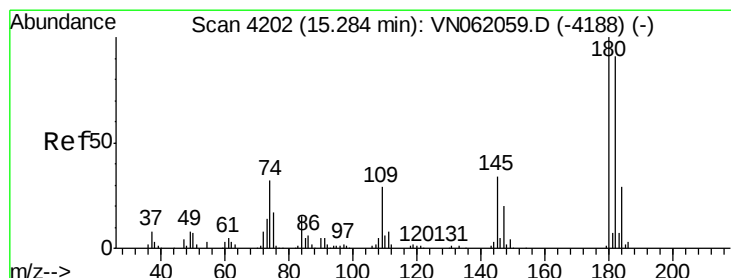
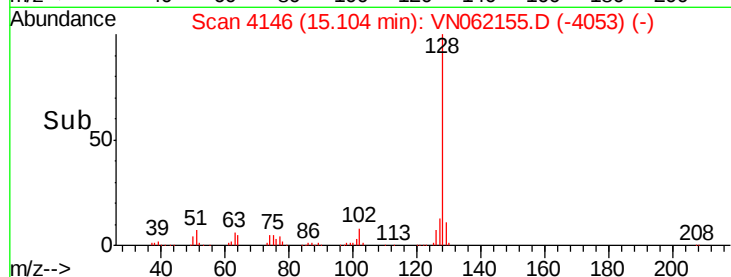
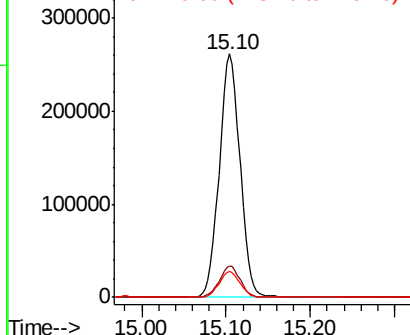
128 100

127 13.0 10.5 15.7

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.667 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

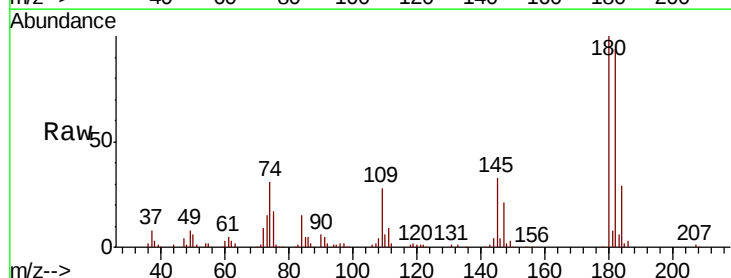
Tgt Ion:180 Resp: 151983

Ion Ratio Lower Upper

180 100

182 95.5 46.8 140.4

145 33.1 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

