

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062777.D
 Acq On : 7 Aug 2020 9:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 08 02:12:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	181696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	280459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	137416	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	
35) Dibromofluoromethane	7.54	113	97560	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.06	98	374719	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.37	95	139033	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	133592	51.346	ug/l	99
3) Chloromethane	2.03	50	135500	55.188	ug/l	98
4) Vinyl Chloride	2.16	62	131718	57.198	ug/l	100
5) Bromomethane	2.52	94	73579	48.267	ug/l	97
6) Chloroethane	2.66	64	76916	50.770	ug/l	100
7) Trichlorofluoromethane	2.98	101	190636	46.425	ug/l	100
8) Diethyl Ether	3.37	74	54003	45.939	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	84189	50.850	ug/l	98
10) Methyl Iodide	3.90	142	102408	51.454	ug/l	98
11) Tert butyl alcohol	4.73	59	89233	181.198	ug/l	99
12) 1,1-Dichloroethene	3.69	96	75809	48.968	ug/l	99
13) Acrolein	3.56	56	68152	228.569	ug/l	96
14) Allyl chloride	4.27	41	143354	45.064	ug/l	97
15) Acrylonitrile	4.92	53	256894	224.910	ug/l	100
16) Acetone	3.77	43	262414	241.699	ug/l	98
17) Carbon Disulfide	4.00	76	213343	48.535	ug/l	99
18) Methyl Acetate	4.28	43	120010	46.659	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	325363	46.219	ug/l	99
20) Methylene Chloride	4.50	84	96966	48.784	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	83862	46.122	ug/l	99
22) Diisopropyl ether	5.90	45	337918	49.900	ug/l	99
23) Vinyl Acetate	5.84	43	1170832	227.308	ug/l	99
24) 1,1-Dichloroethane	5.80	63	180984	45.605	ug/l	99
25) 2-Butanone	6.78	43	353316	229.770	ug/l	98
26) 2,2-Dichloropropane	6.77	77	164917	45.083	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	101464	46.518	ug/l	96
28) Bromochloromethane	7.15	49	92336	48.210	ug/l	99
29) Tetrahydrofuran	7.17	42	220985	221.209	ug/l	100
30) Chloroform	7.33	83	190844	45.251	ug/l	95
31) Cyclohexane	7.61	56	172080	47.237	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	167645	44.459	ug/l	99
36) 1,1-Dichloropropene	7.75	75	130735	47.873	ug/l	99
37) Ethyl Acetate	6.88	43	126370	44.299	ug/l	98
38) Carbon Tetrachloride	7.73	117	145751	45.127	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	166177	50.565	ug/l	100
40) Benzene	8.00	78	386534	47.434	ug/l	97
41) Methacrylonitrile	7.12	41	65769	51.093	ug/l #	76
42) 1,2-Dichloroethane	8.08	62	158635	45.738	ug/l	99
43) Isopropyl Acetate	8.12	43	215123	45.212	ug/l #	90
44) Trichloroethene	8.80	130	94923	47.812	ug/l	97
45) 1,2-Dichloropropane	9.08	63	110101	49.921	ug/l	97
46) Dibromomethane	9.17	93	69406	48.029	ug/l	99
47) Bromodichloromethane	9.37	83	158367	48.794	ug/l	98
48) Methyl methacrylate	9.17	41	108565	46.388	ug/l	98
49) 1,4-Dioxane	9.17	88	36667	845.535	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	711753	231.195	ug/l	100
52) Toluene	10.12	92	246499	48.992	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	169883	47.586	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	176756	49.313	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	101012	47.007	ug/l	97
56) Ethyl methacrylate	10.40	69	156839	48.490	ug/l	98
57) 1,3-Dichloropropane	10.68	76	175057	47.945	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	216426	236.722	ug/l	100
59) 2-Hexanone	10.72	43	527881	229.869	ug/l	100
60) Dibromochloromethane	10.87	129	117605	47.959	ug/l	99
61) 1,2-Dibromoethane	10.98	107	99829	47.080	ug/l	98
64) Tetrachloroethene	10.60	164	81739	47.864	ug/l	98
65) Chlorobenzene	11.41	112	265450	47.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	107487	48.378	ug/l	98
67) Ethyl Benzene	11.48	91	489468	49.437	ug/l	99
68) m/p-Xylenes	11.59	106	366063	101.854	ug/l	97
69) o-Xylene	11.92	106	172523	51.223	ug/l	98
70) Styrene	11.94	104	308512	52.112	ug/l	98
71) Bromoform	12.10	173	83826	46.112	ug/l #	99
73) Isopropylbenzene	12.22	105	485842	49.323	ug/l	99
74) N-amyl acetate	12.04	43	193819	48.555	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	155375	44.809	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	208236	59.026	ug/l #	100
77) Bromobenzene	12.50	156	115983	47.389	ug/l	95
78) n-propylbenzene	12.56	91	585023	50.596	ug/l	100
79) 2-Chlorotoluene	12.65	91	342709	47.265	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	428682	50.165	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	54377	47.053	ug/l	99
82) 4-Chlorotoluene	12.75	91	365248	48.881	ug/l	100
83) tert-Butylbenzene	12.97	119	351120	48.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	426628	52.185	ug/l	98
85) sec-Butylbenzene	13.15	105	485189	51.096	ug/l	100
86) p-Isopropyltoluene	13.26	119	445365	52.839	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	216722	49.567	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	212748	48.513	ug/l	98
89) n-Butylbenzene	13.59	91	364655	51.154	ug/l	99
90) Hexachloroethane	13.85	117	83083	45.730	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	208724	50.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31517	42.337	ug/l	97

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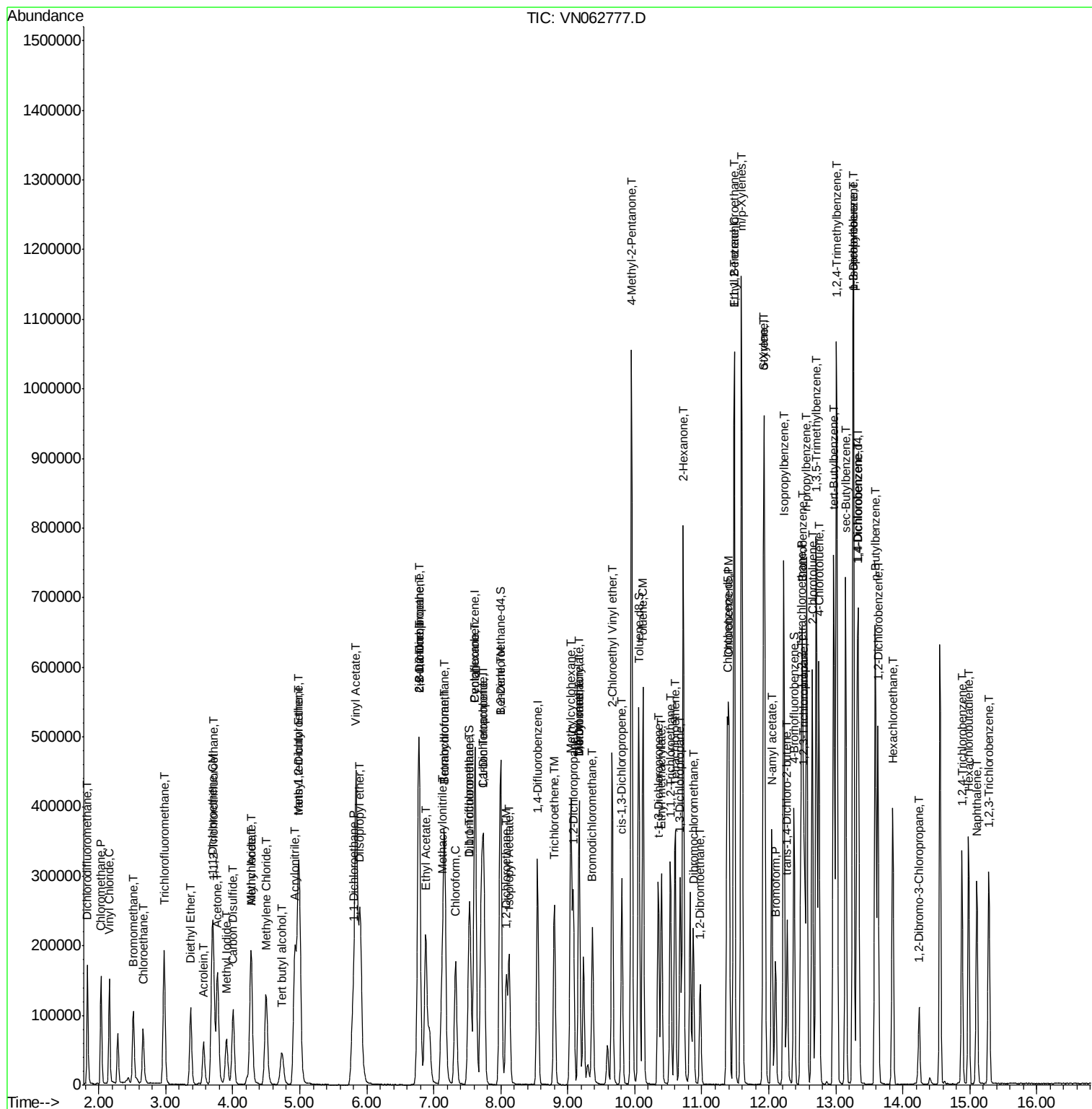
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	101048	46.173	ug/l	98
94) Hexachlorobutadiene	14.98	225	66169	51.327	ug/l	98
95) Naphthalene	15.10	128	245642	41.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	100945	46.713	ug/l	99

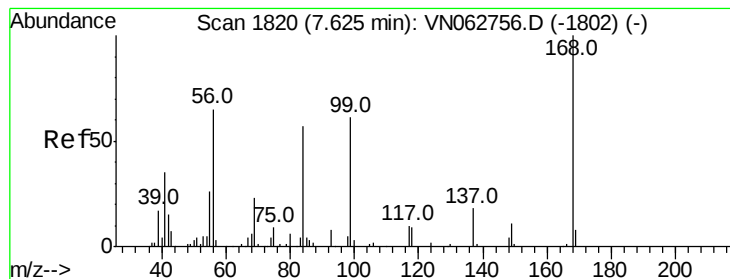
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

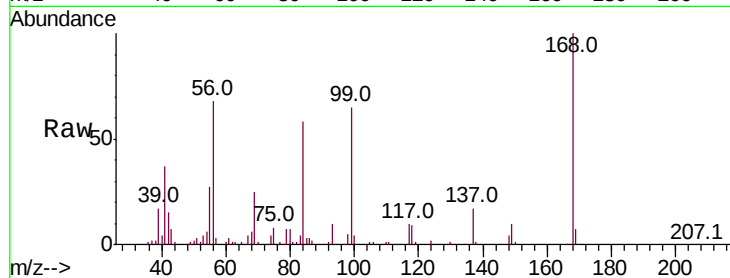
VSTDCCC050

Tot Ion:168 Resp: 181696

Ion Ratio Lower Upper

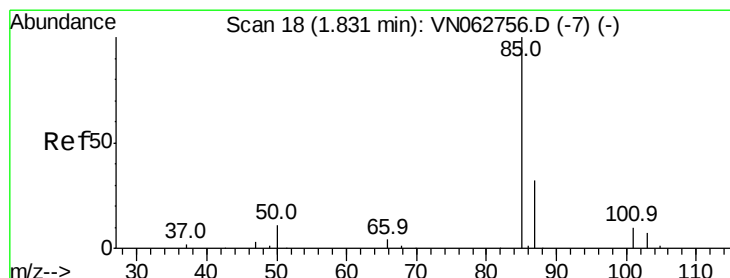
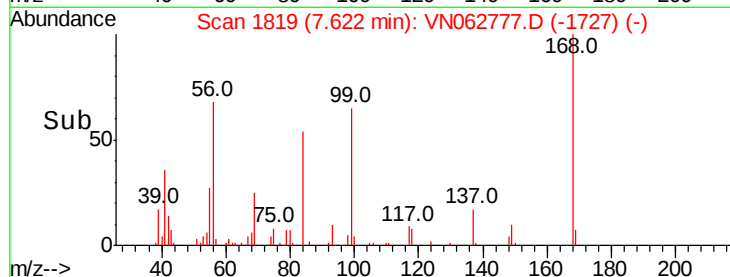
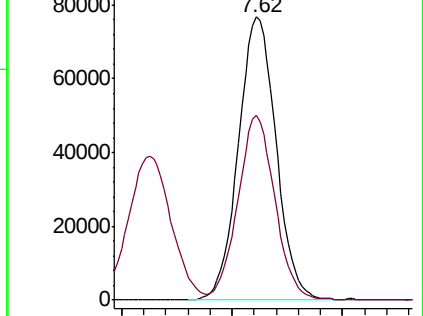
168 100

99 65.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 51.346 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062777.D

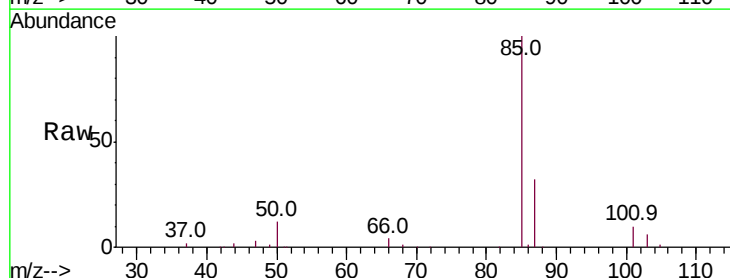
Acq: 7 Aug 2020 9:57

Tgt Ion: 85 Resp: 133592

Ion Ratio Lower Upper

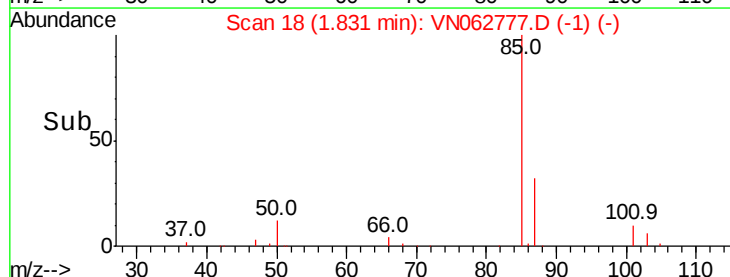
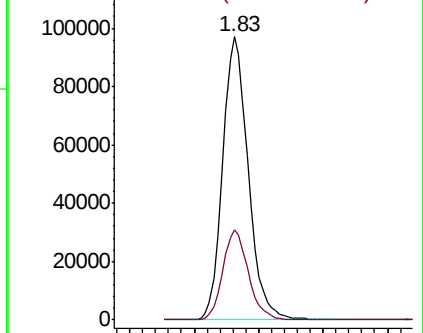
85 100

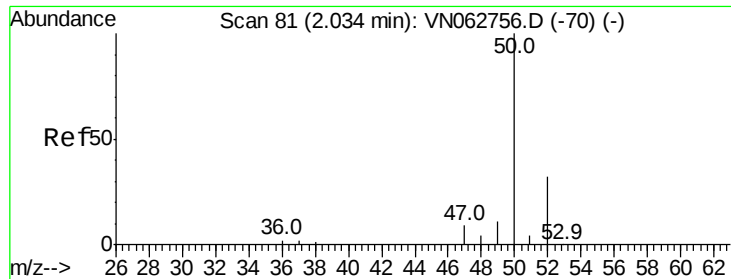
87 31.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 55.188 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampled :

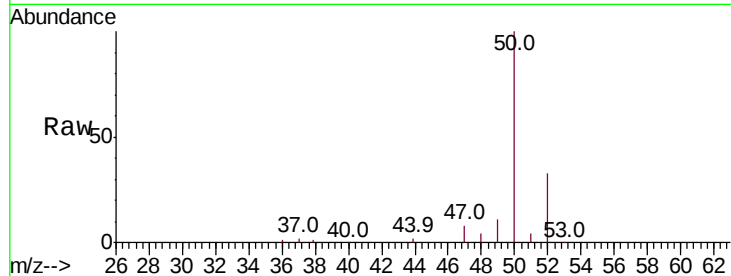
VSTDCCC050

Tot Ion: 50 Resp: 135500

Ion Ratio Lower Upper

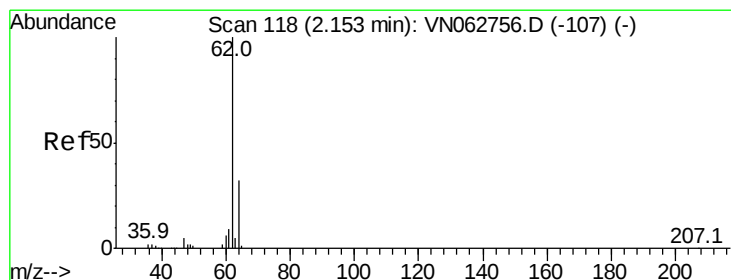
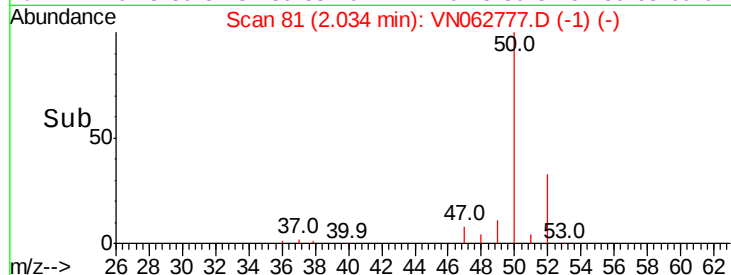
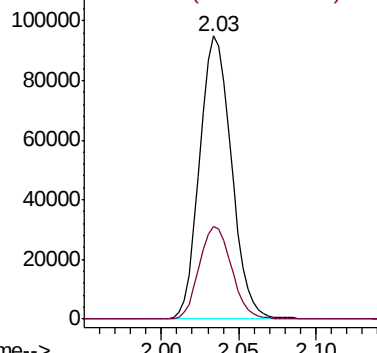
50 100

52 32.9 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 57.198 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.01 min

Lab File: VN062777.D

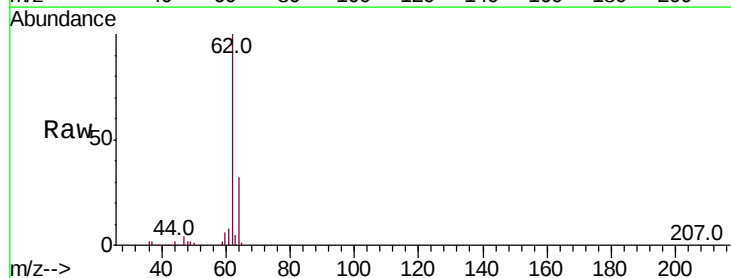
Acq: 7 Aug 2020 9:57

Tgt Ion: 62 Resp: 131718

Ion Ratio Lower Upper

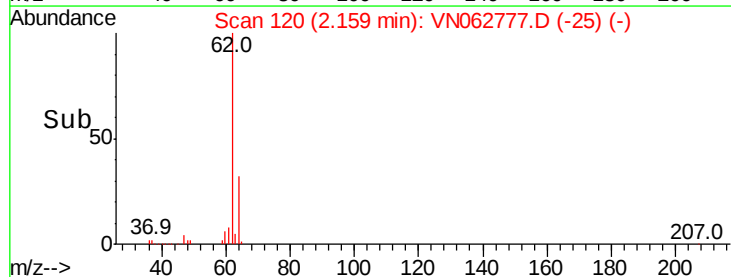
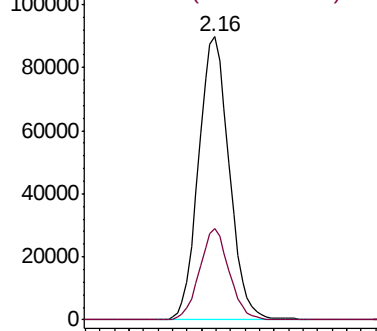
62 100

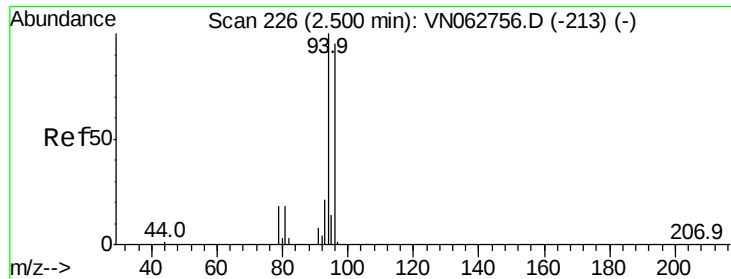
64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

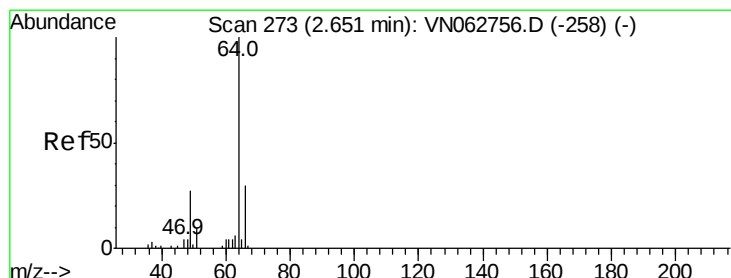
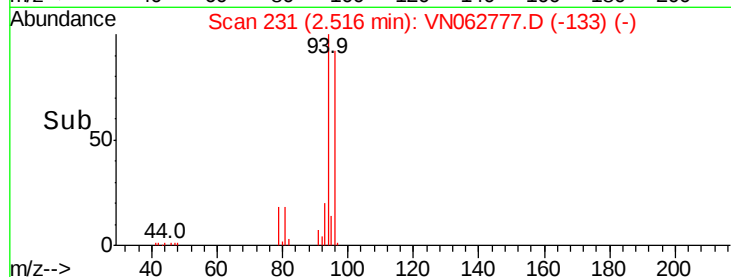
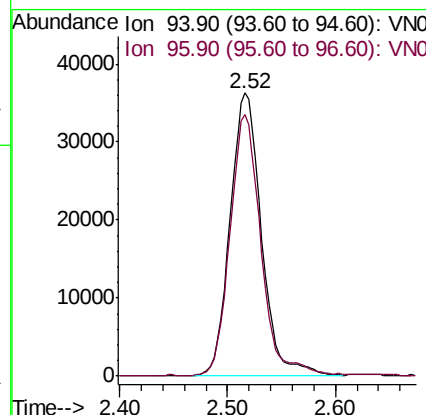
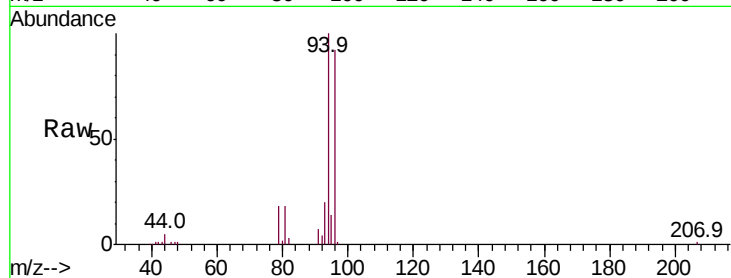




#5
 Bromomethane
 Concen: 48.267 ug/l
 RT: 2.52 min Scan# 231
 Delta R.T. 0.02 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

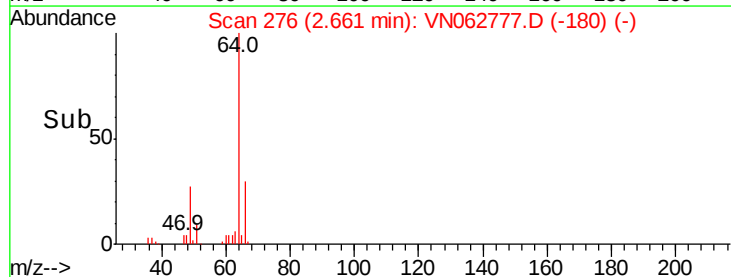
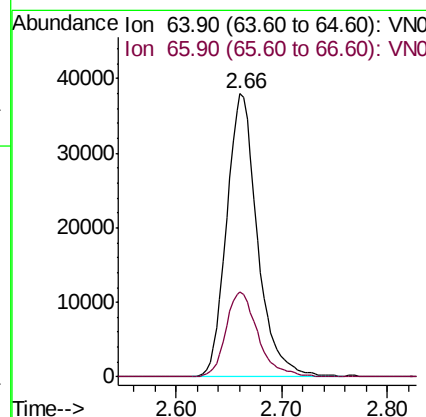
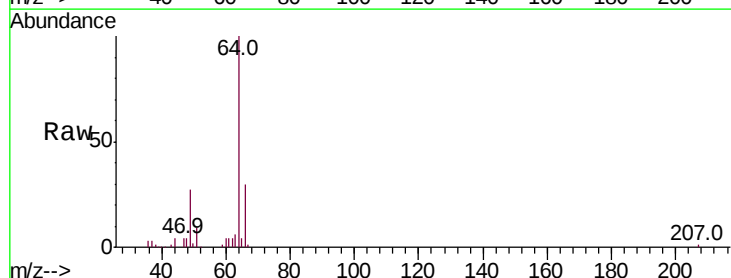
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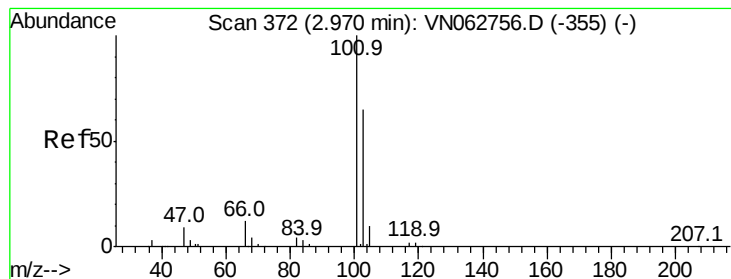
Tot Ion: 94 Resp: 73579
 Ion Ratio Lower Upper
 94 100
 96 92.4 76.2 114.4



#6
 Chloroethane
 Concen: 50.770 ug/l
 RT: 2.66 min Scan# 276
 Delta R.T. 0.01 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion: 64 Resp: 76916
 Ion Ratio Lower Upper
 64 100
 66 30.1 24.0 36.0



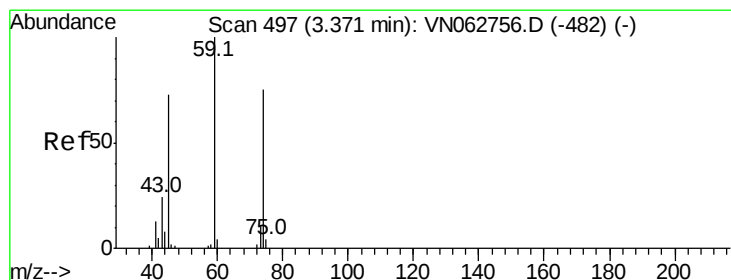
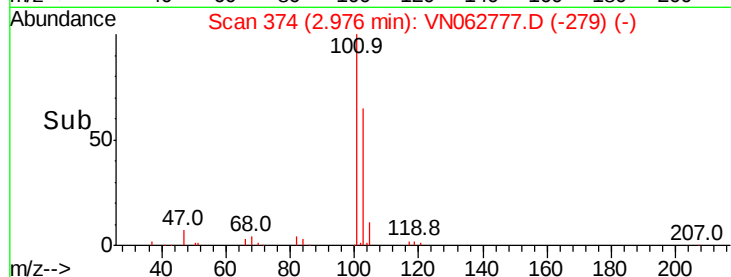
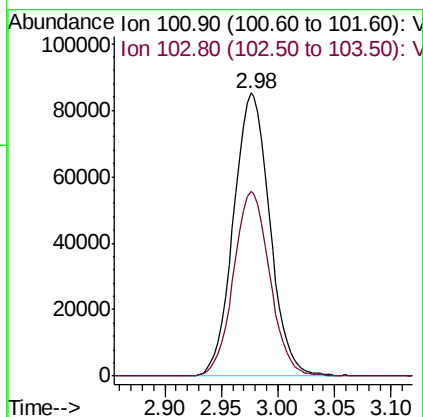
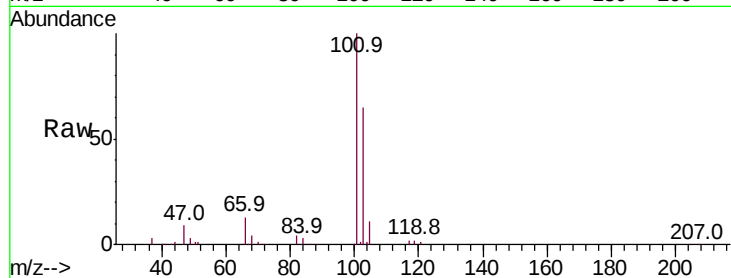


#7

Trichlorofluoromethane
 Concen: 46.425 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VN062777.D
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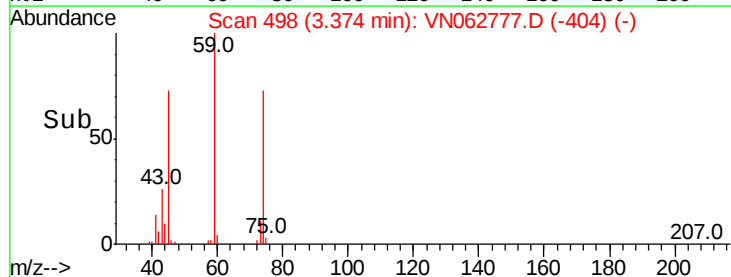
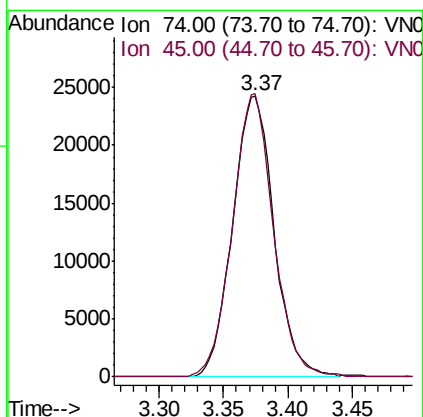
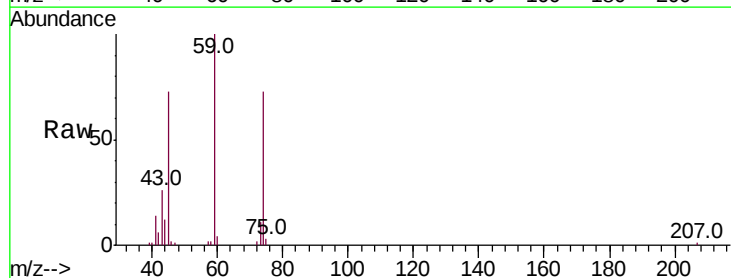
Tot Ion:101 Resp: 190636
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5

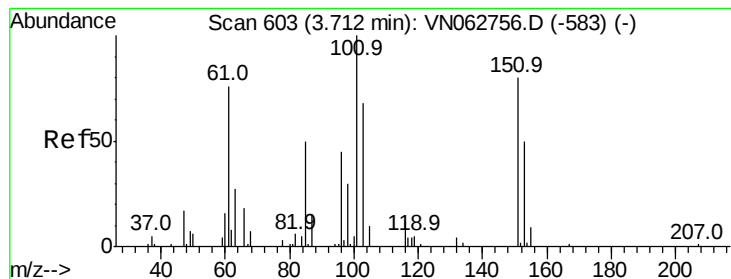


#8

Diethyl Ether
 Concen: 45.939 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion: 74 Resp: 54003
 Ion Ratio Lower Upper
 74 100
 45 99.9 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.850 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

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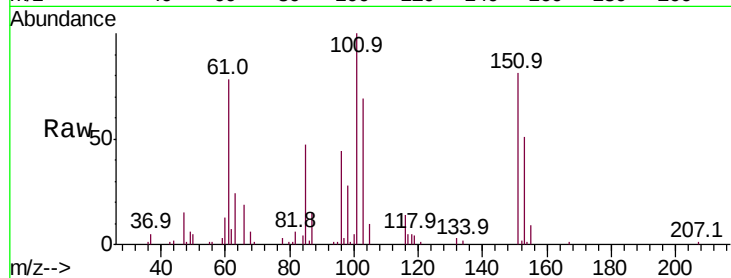
Tot Ion:101 Resp: 84189

Ion Ratio Lower Upper

101 100

85 46.6 38.5 57.7

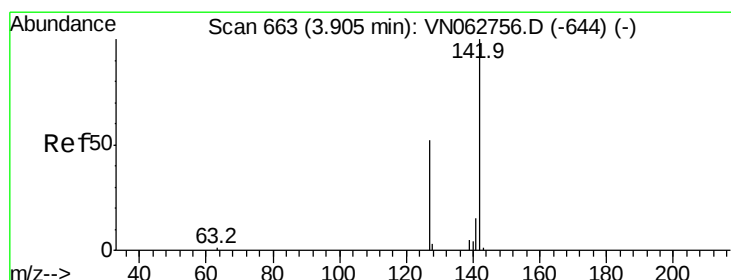
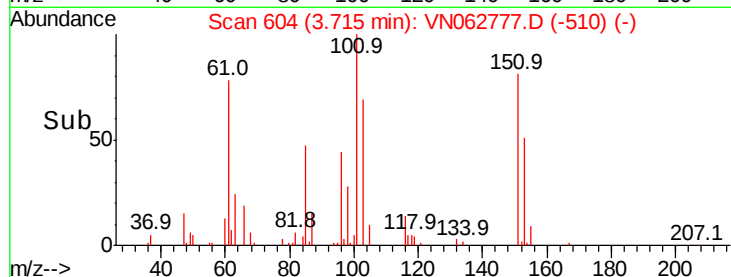
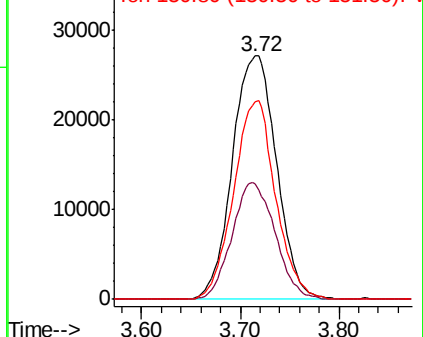
151 77.4 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.454 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

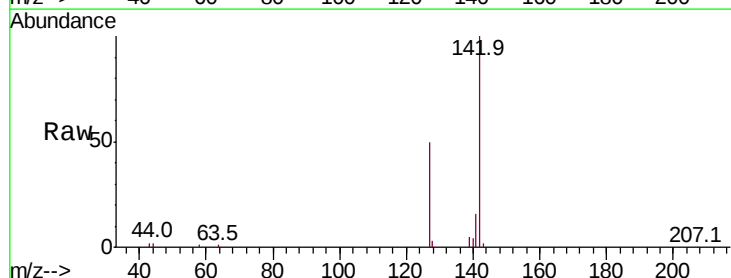
Tgt Ion:142 Resp: 102408

Ion Ratio Lower Upper

142 100

127 50.2 41.4 62.0

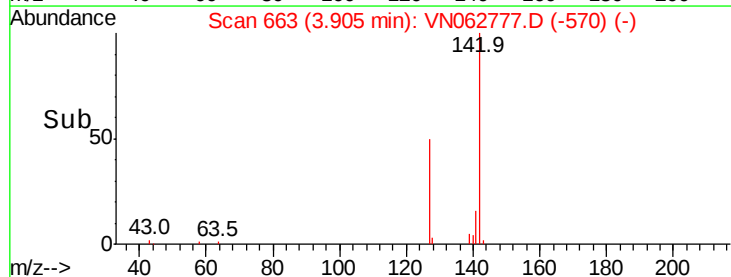
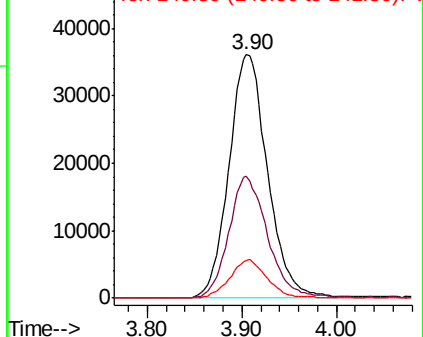
141 15.1 12.2 18.4

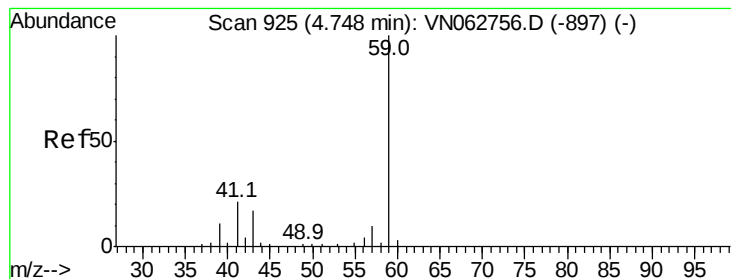


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



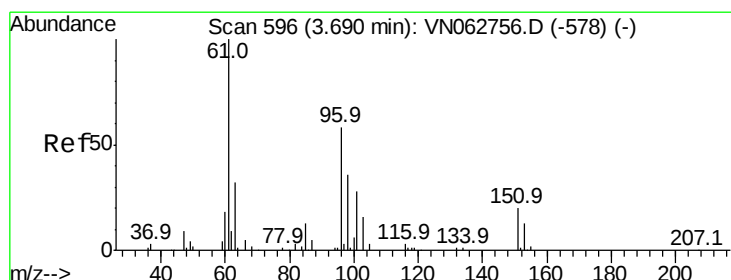
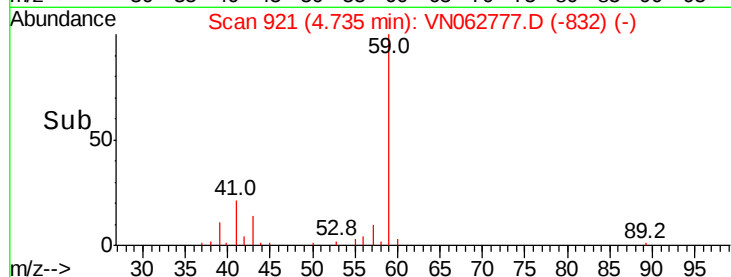
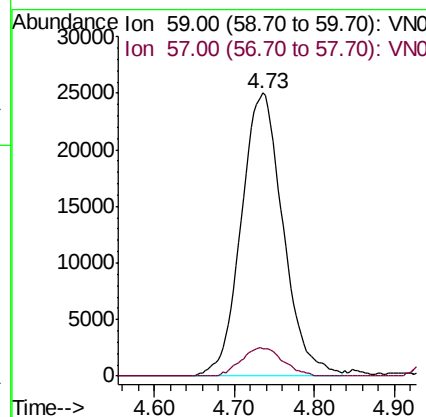
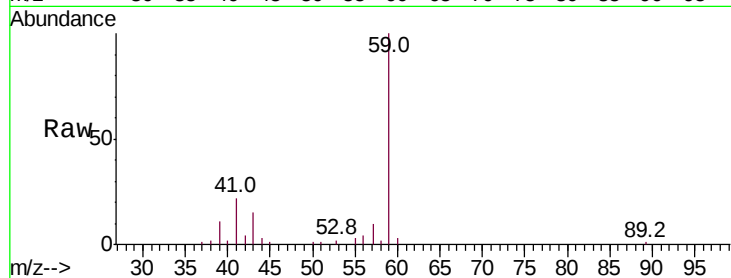


#11

Tert butyl alcohol
 Concen: 181.198 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

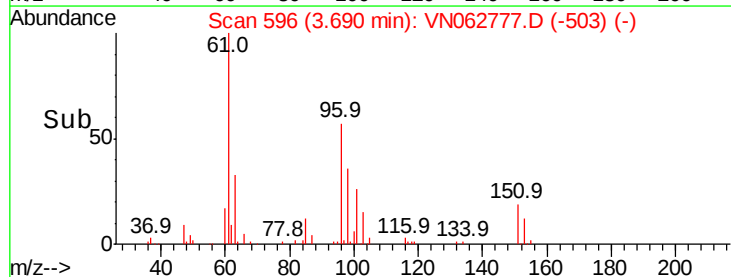
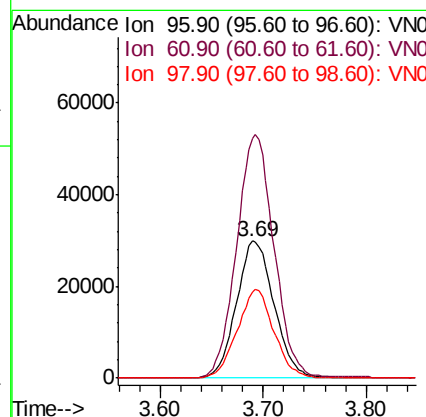
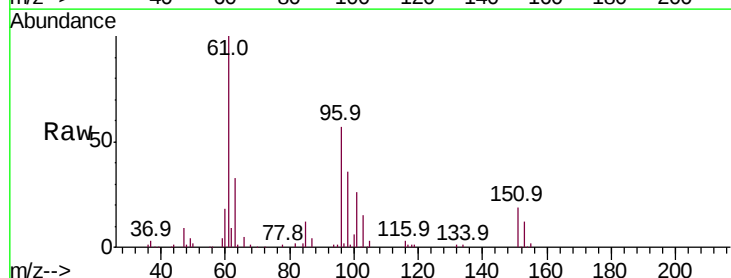
Tot Ion: 59 Resp: 89233
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

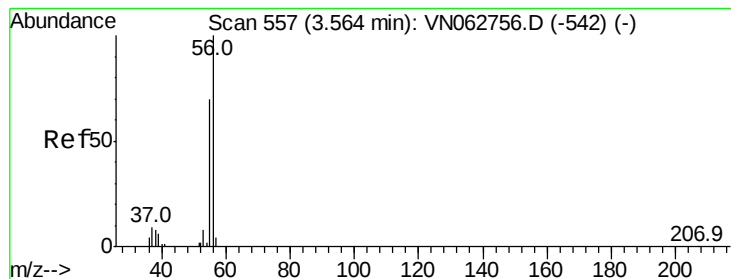


#12

1,1-Dichloroethene
 Concen: 48.968 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion: 96 Resp: 75809
 Ion Ratio Lower Upper
 96 100
 61 175.2 139.0 208.6
 98 63.2 50.2 75.4





#13

Acrolein

Concen: 228.569 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

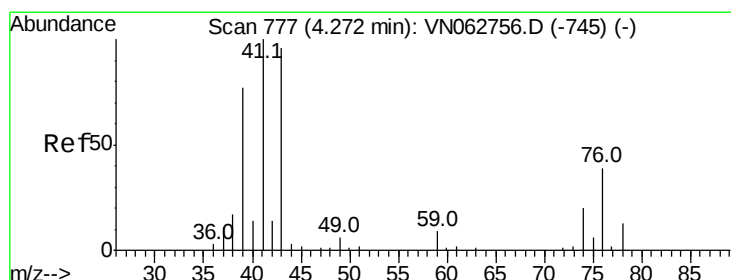
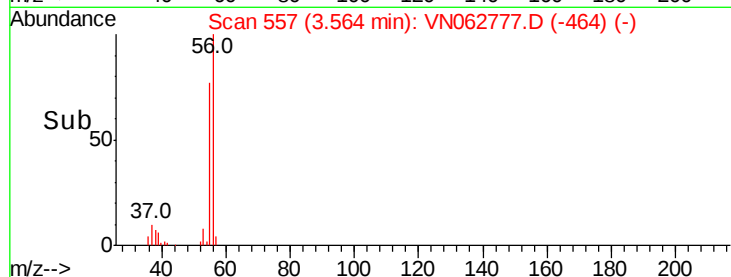
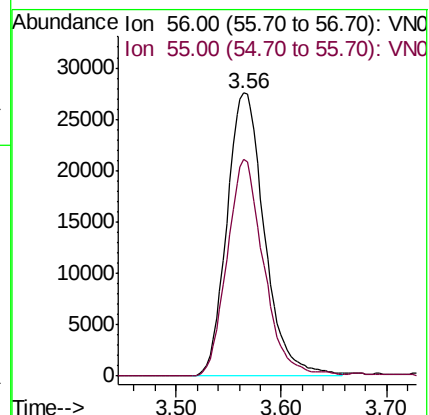
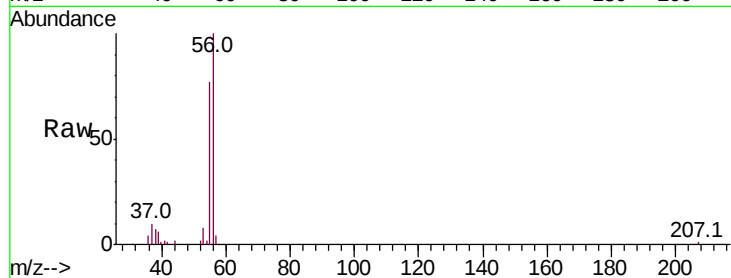
VSTDCCC050

Tot Ion: 56 Resp: 68152

Ion Ratio Lower Upper

56 100

55 74.6 57.0 85.6



#14

Allyl chloride

Concen: 45.064 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

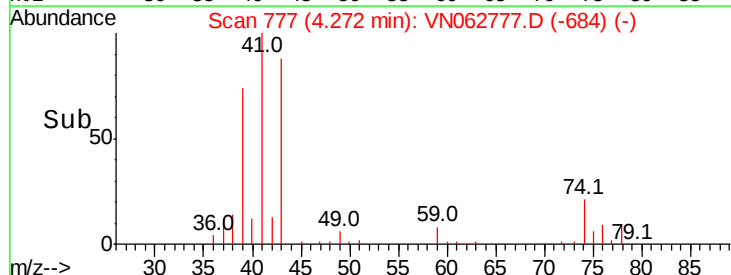
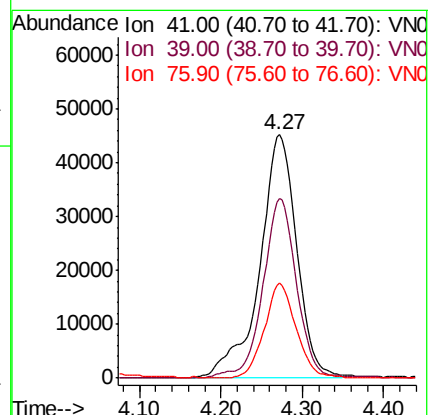
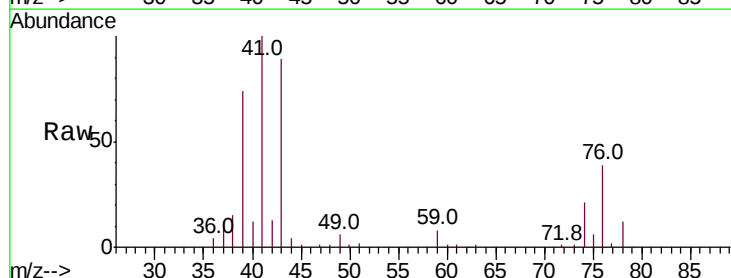
Tgt Ion: 41 Resp: 143354

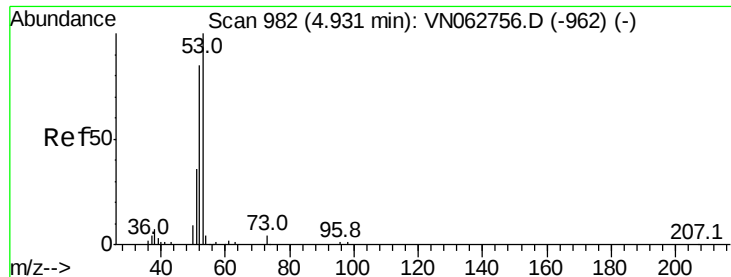
Ion Ratio Lower Upper

41 100

39 66.7 55.7 83.5

76 33.4 27.5 41.3





#15

Acrylonitrile

Concen: 224.910 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

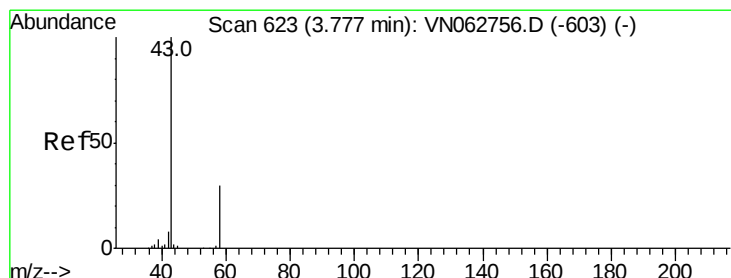
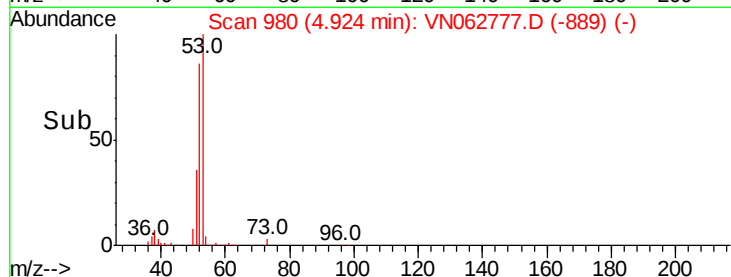
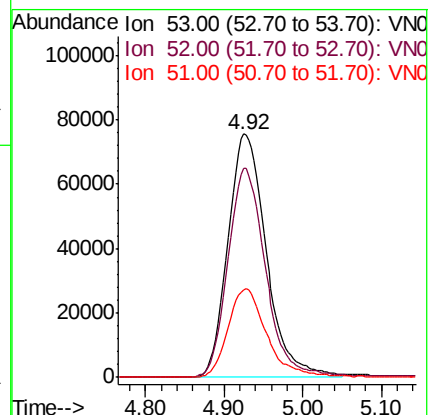
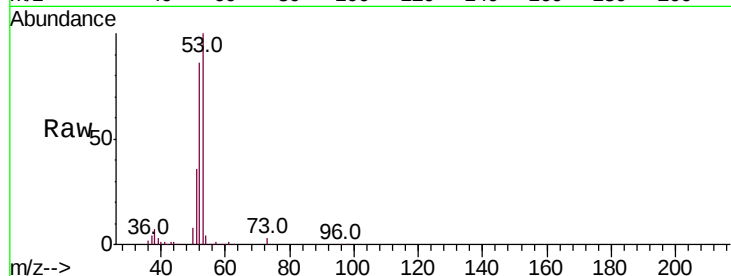
Tot Ion: 53 Resp: 256894

Ion Ratio Lower Upper

53 100

52 84.1 66.8 100.2

51 36.9 29.5 44.3



#16

Acetone

Concen: 241.699 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062777.D

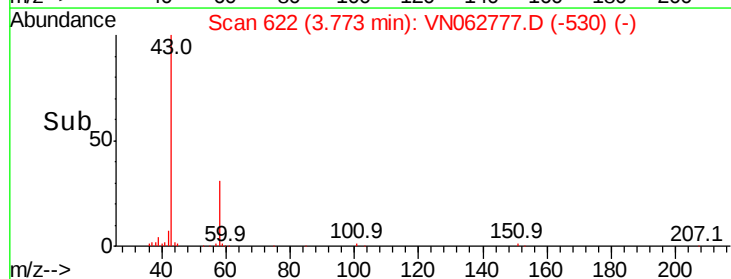
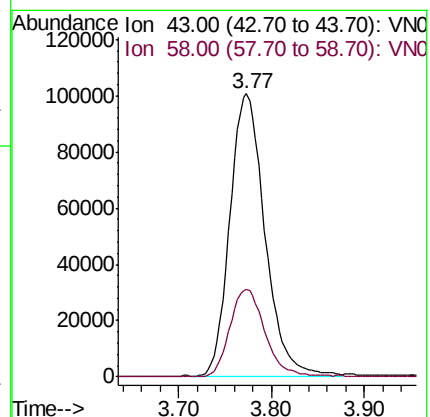
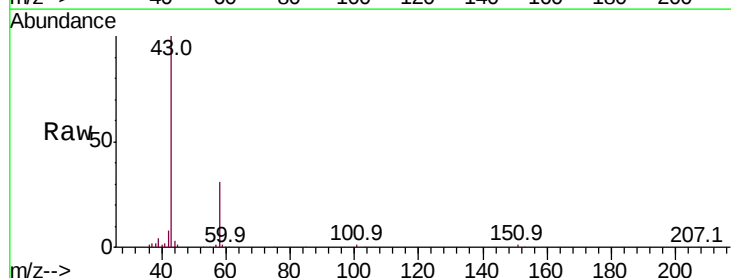
Acq: 7 Aug 2020 9:57

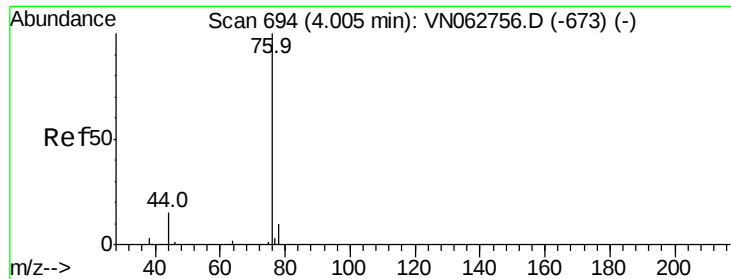
Tgt Ion: 43 Resp: 262414

Ion Ratio Lower Upper

43 100

58 31.2 24.1 36.1





#17

Carbon Disulfide

Concen: 48.535 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

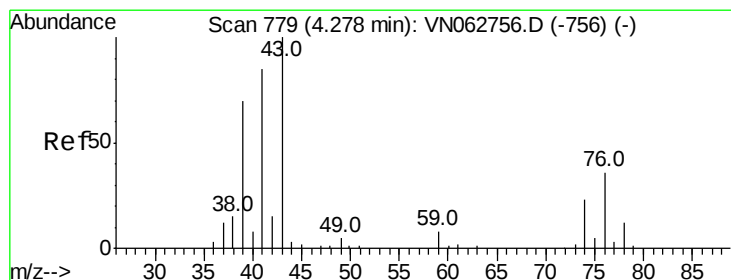
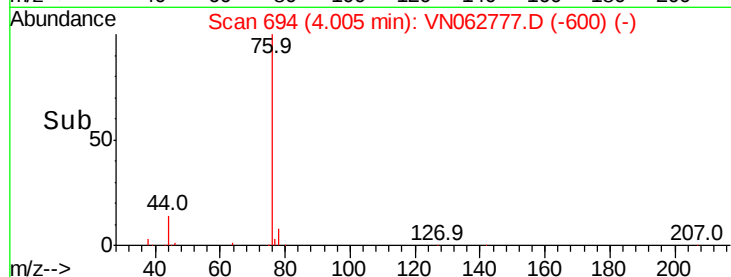
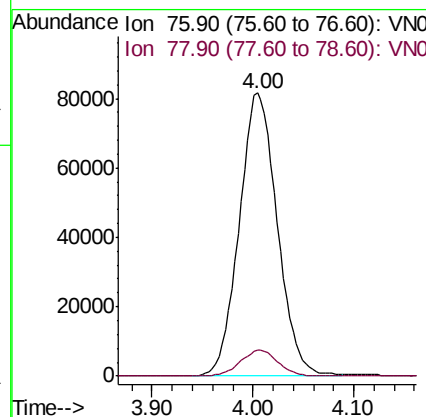
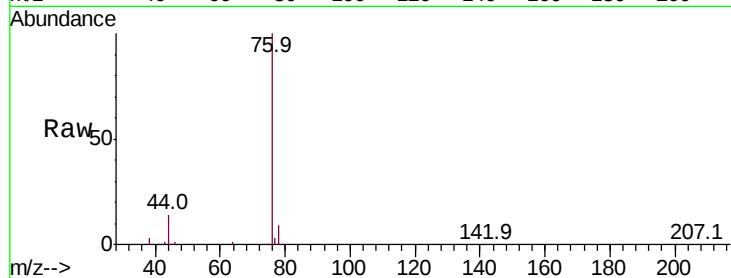
VSTDCCC050

Tot Ion: 76 Resp: 213343

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5



#18

Methyl Acetate

Concen: 46.659 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062777.D

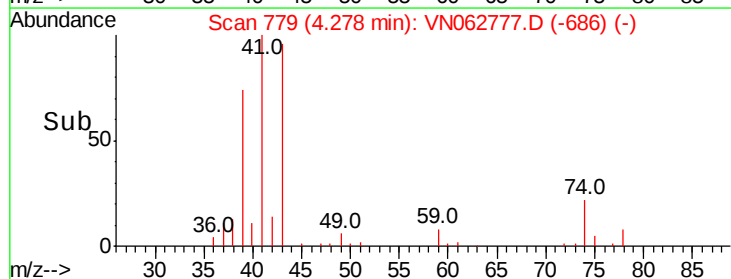
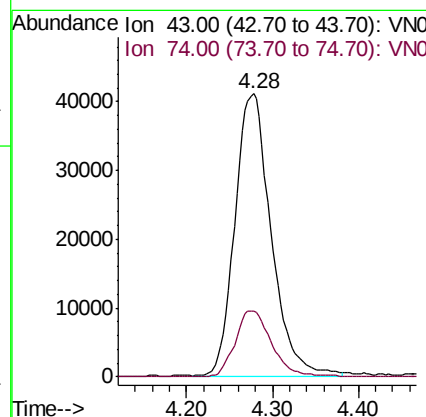
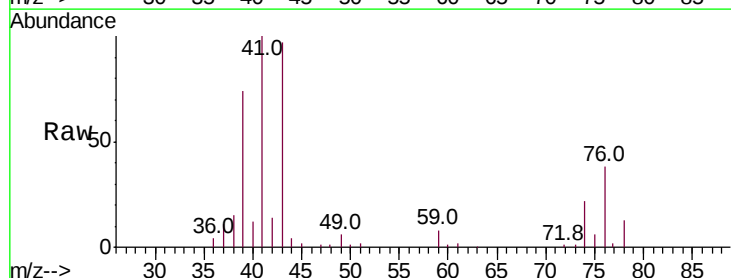
Acq: 7 Aug 2020 9:57

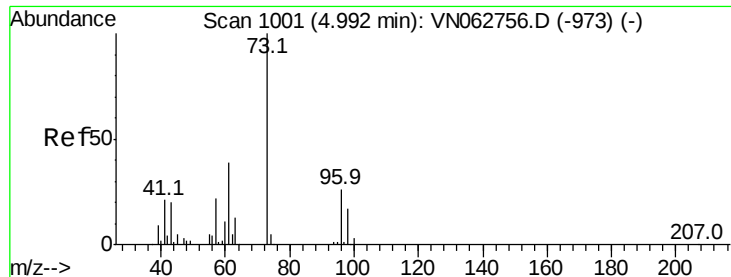
Tgt Ion: 43 Resp: 120010

Ion Ratio Lower Upper

43 100

74 23.5 18.6 28.0

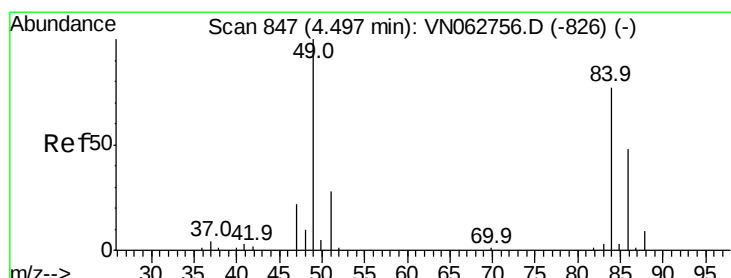
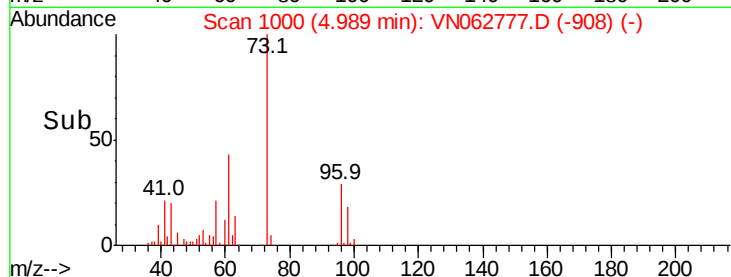
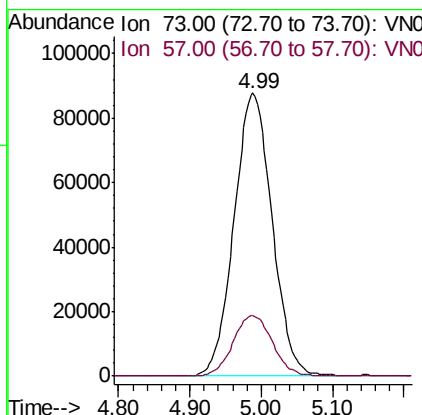
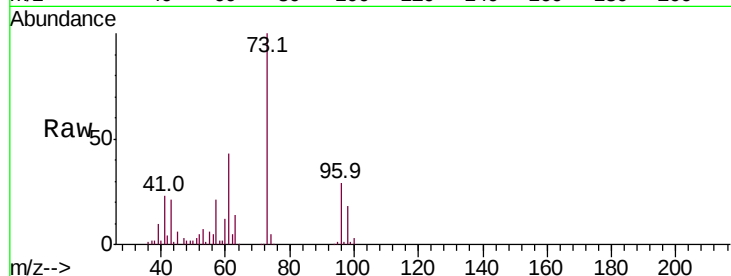




#19
Methvl tert-butvl Ether
Concen: 46.219 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

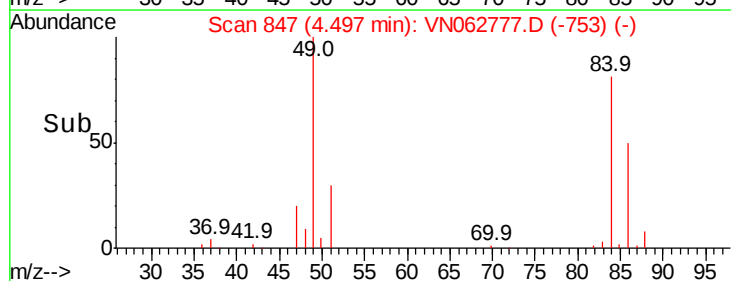
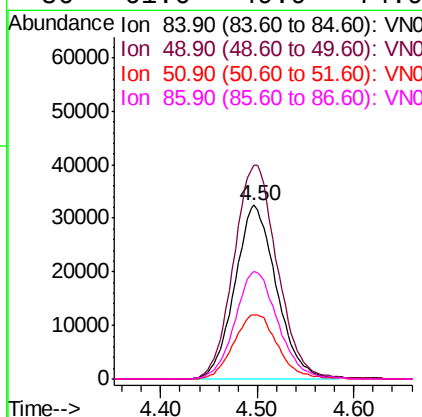
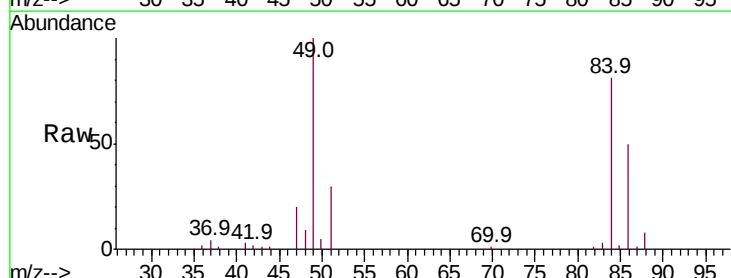
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

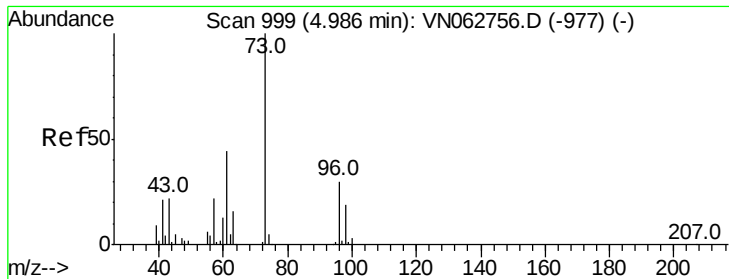
Tot Ion: 73 Resp: 325363
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 48.784 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion: 84 Resp: 96966
Ion Ratio Lower Upper
84 100
49 122.9 103.4 155.2
51 37.1 29.3 43.9
86 61.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 46.122 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

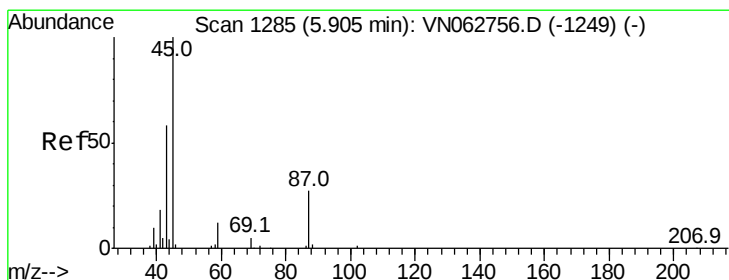
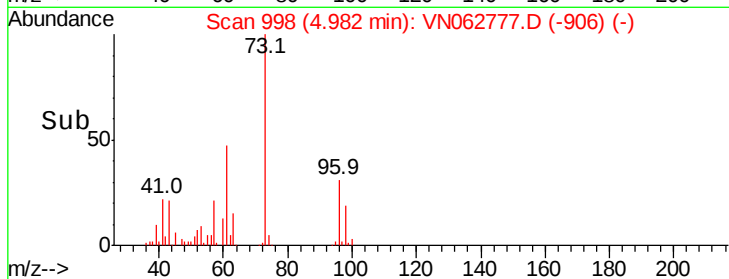
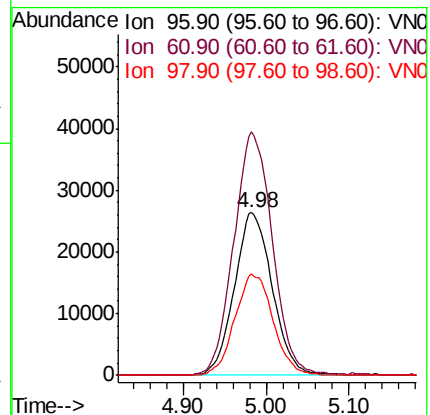
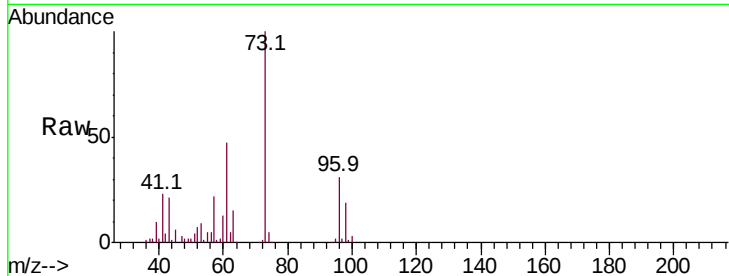
Tot Ion: 96 Resp: 83862

Ion Ratio Lower Upper

96 100

61 149.7 118.8 178.2

98 62.0 51.0 76.4



#22

Diisopropyl ether

Concen: 49.900 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion: 45 Resp: 337918

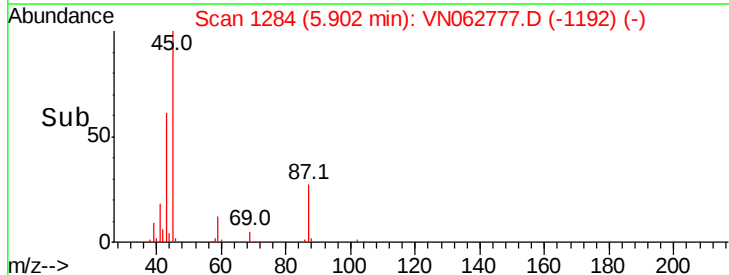
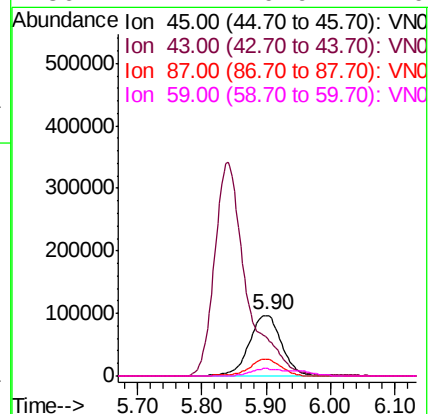
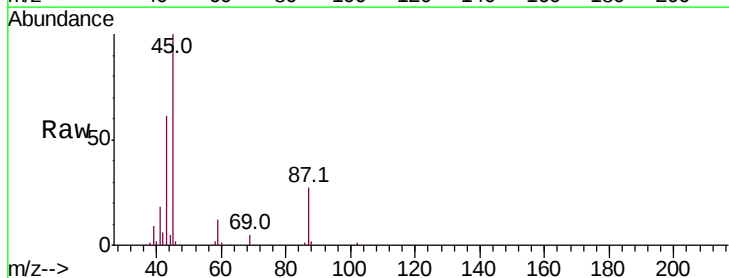
Ion Ratio Lower Upper

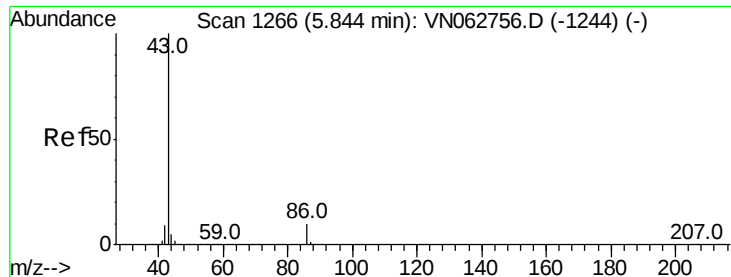
45 100

43 59.8 47.4 71.2

87 27.0 22.8 34.2

59 11.7 9.9 14.9





#23

Vinyl Acetate

Concen: 227.308 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

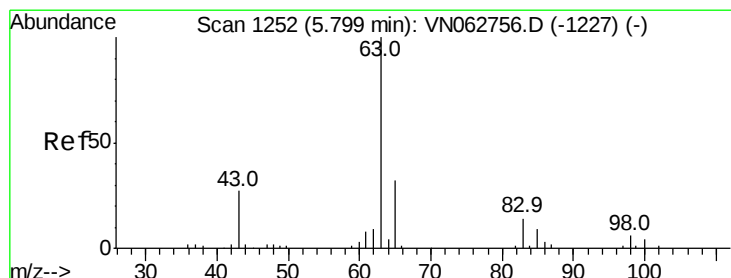
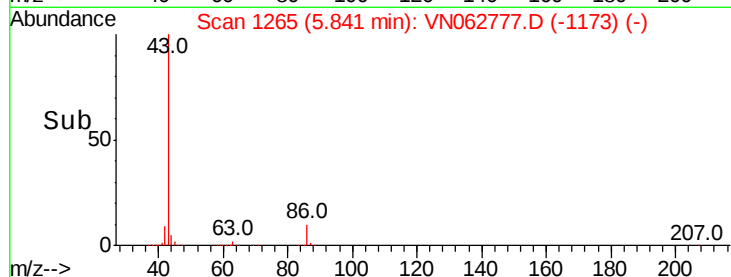
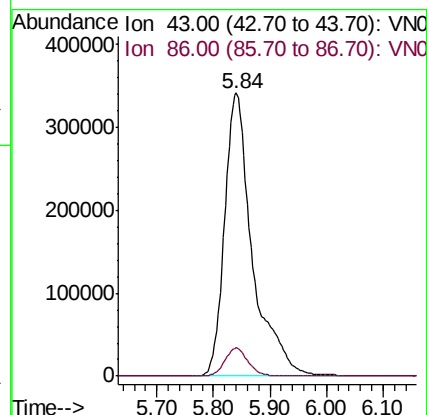
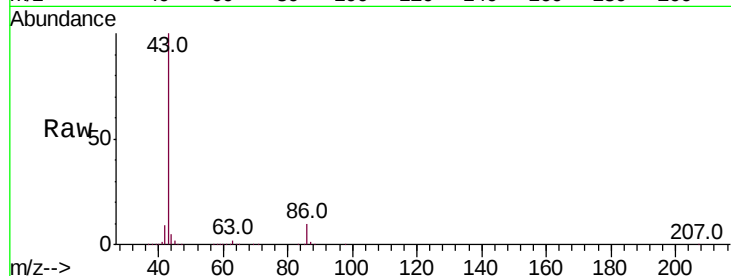
VSTDCCC050

Tot Ion: 43 Resp: 1170832

Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5



#24

1,1-Dichloroethane

Concen: 45.605 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

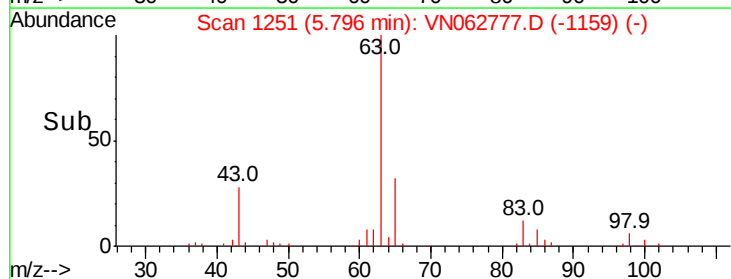
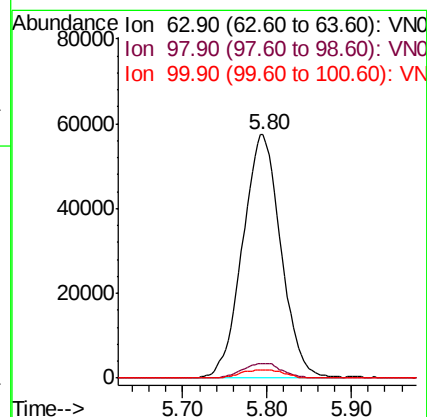
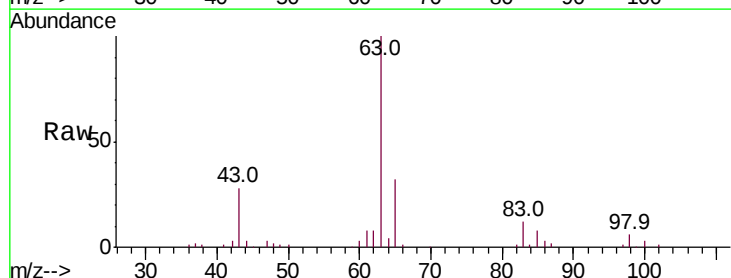
Tgt Ion: 63 Resp: 180984

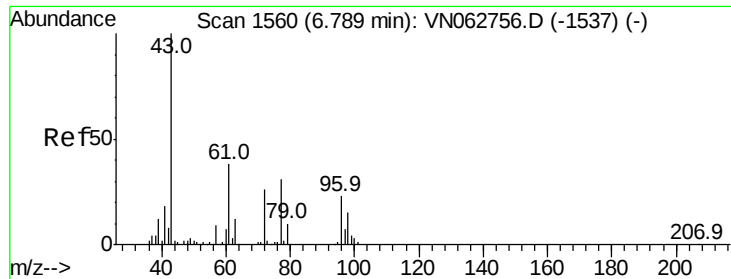
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.3 1.9 5.7

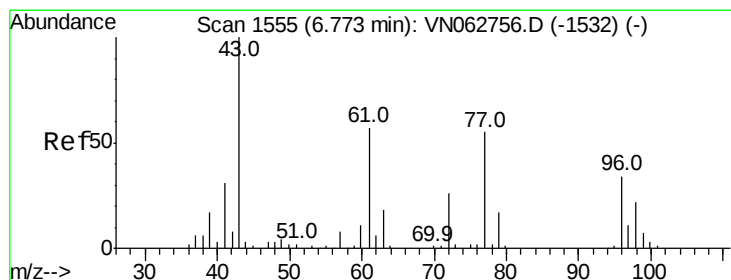
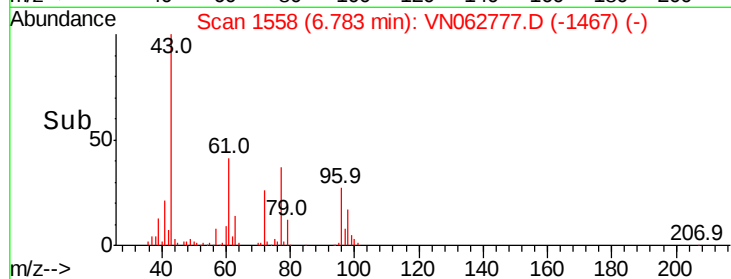
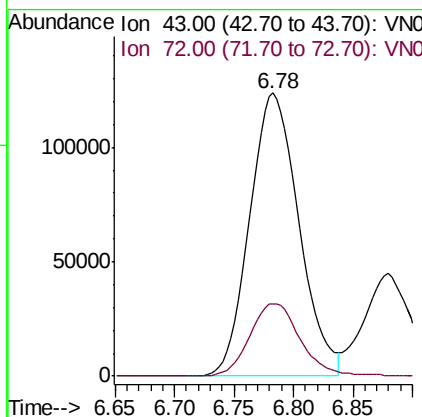
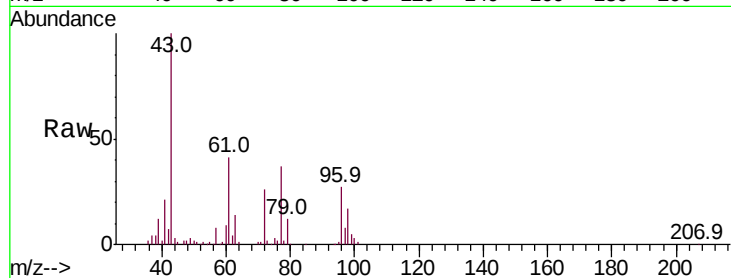




#25
2-Butanone
Concen: 229.770 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.01 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

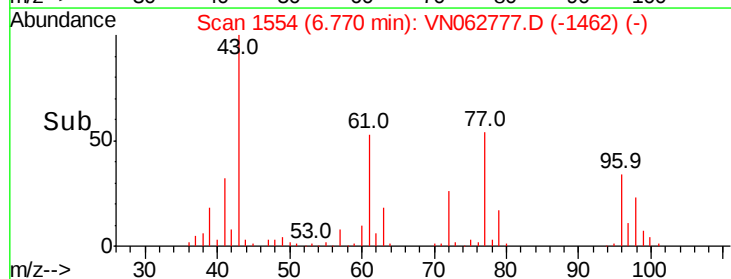
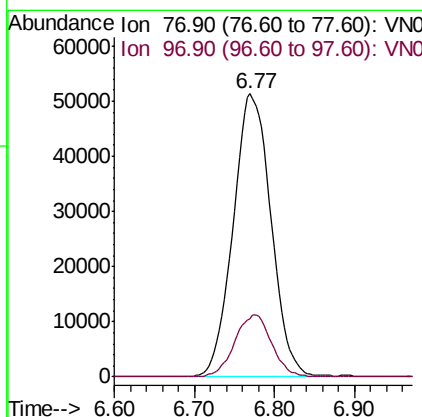
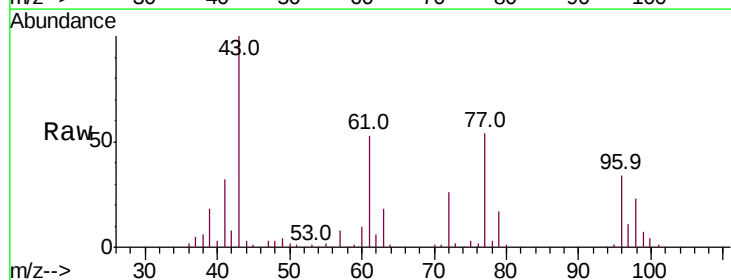
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

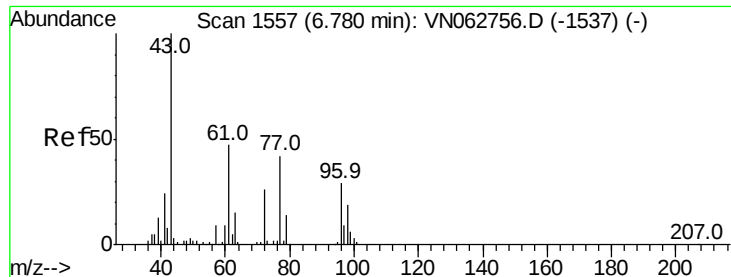
Tot Ion: 43 Resp: 353316
Ion Ratio Lower Upper
43 100
72 25.6 21.1 31.7



#26
2,2-Dichloropropane
Concen: 45.083 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion: 77 Resp: 164917
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.6

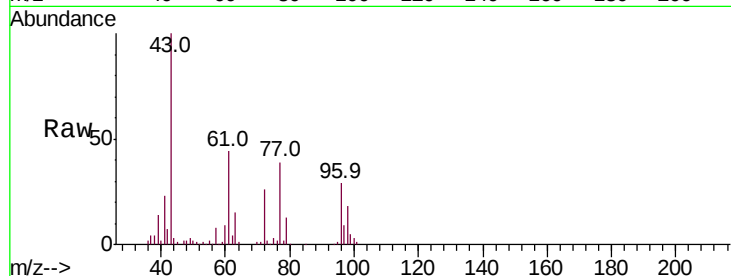




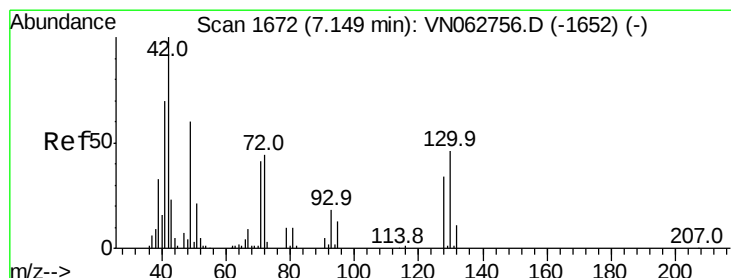
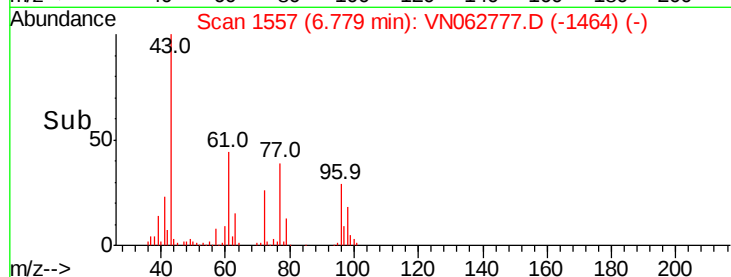
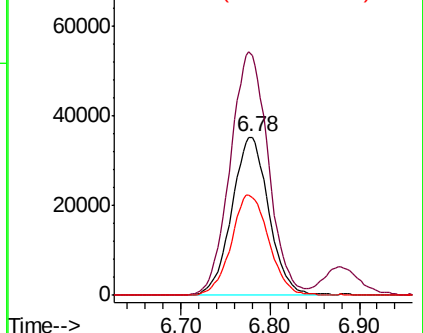
#27
 cis-1,2-Dichloroethene
 Concen: 46.518 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.8	0.0	332.2
98	64.4	0.0	129.4

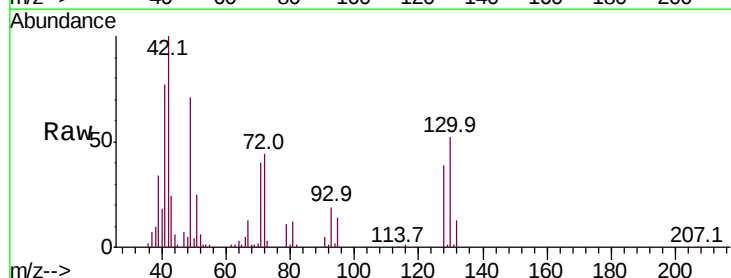


Abundance Ion 95.90 (95.60 to 96.60): VN062756.D (-1537) (-)
 Ion 60.90 (60.60 to 61.60): VN062756.D (-1537) (-)
 Ion 97.90 (97.60 to 98.60): VN062756.D (-1537) (-)

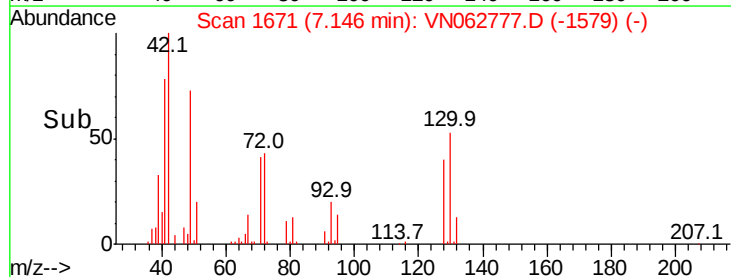
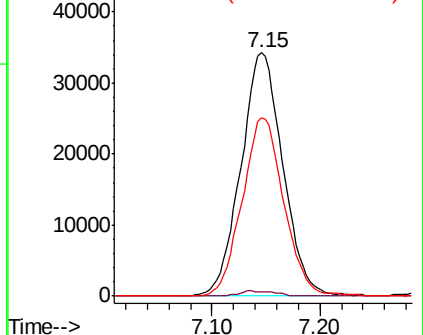


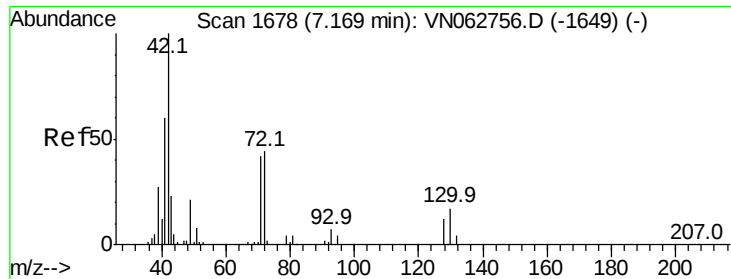
#28
 Bromochloromethane
 Concen: 48.210 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	72.6	59.0	88.6



Abundance Ion 48.90 (48.60 to 49.60): VN062756.D (-1652) (-)
 Ion 128.80 (128.50 to 129.50): VN062756.D (-1652) (-)
 Ion 129.80 (129.50 to 130.50): VN062756.D (-1652) (-)





#29

Tetrahydrofuran

Concen: 221.209 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

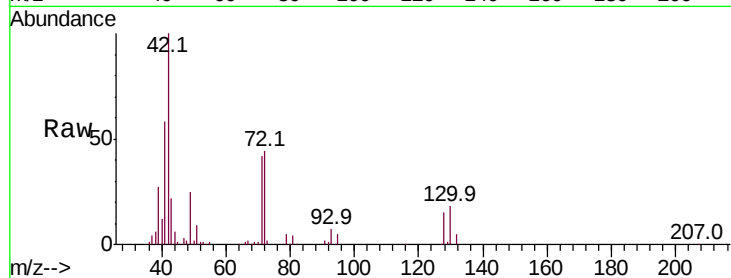
Tot Ion: 42 Resp: 220985

Ion Ratio Lower Upper

42 100

72 43.6 35.0 52.4

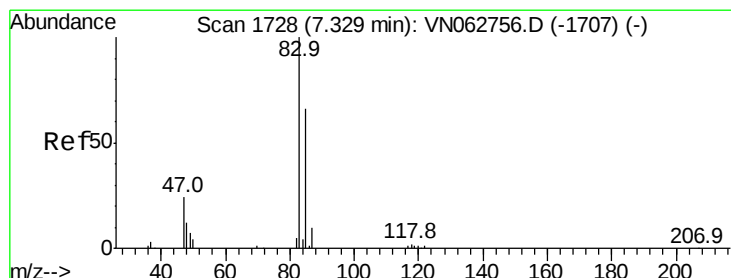
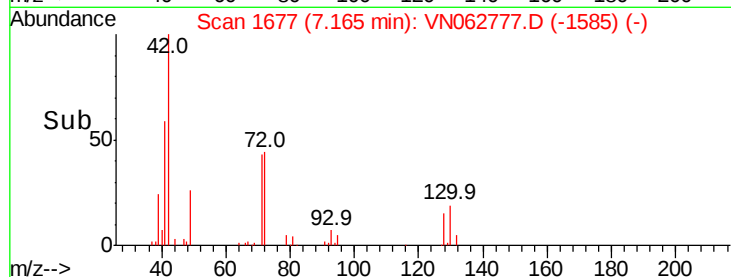
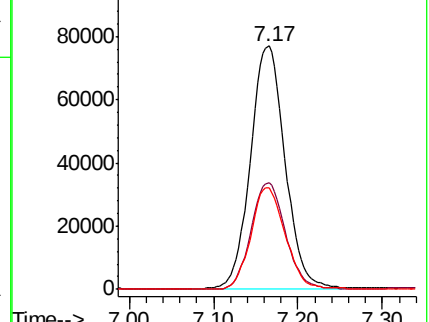
71 41.1 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VN062756.D (-1649) (-)

Ion 72.00 (71.70 to 72.70): VN062756.D (-1649) (-)

Ion 71.00 (70.70 to 71.70): VN062756.D (-1649) (-)



#30

Chloroform

Concen: 45.251 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062777.D

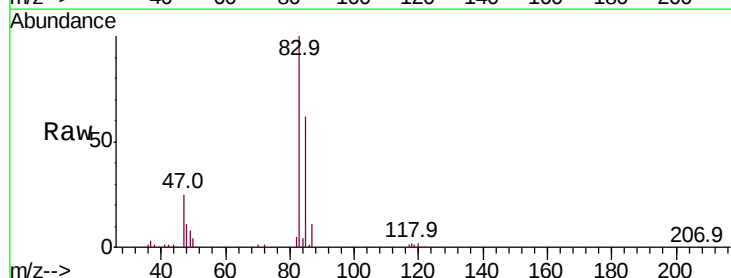
Acq: 7 Aug 2020 9:57

Tgt Ion: 83 Resp: 190844

Ion Ratio Lower Upper

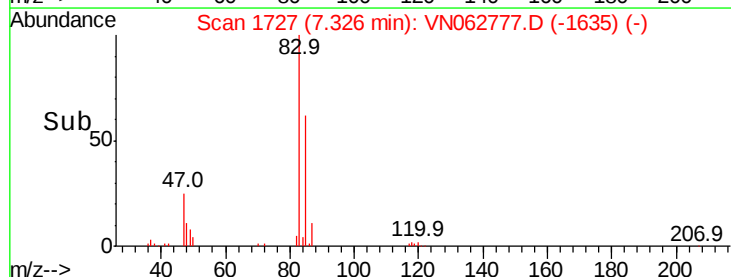
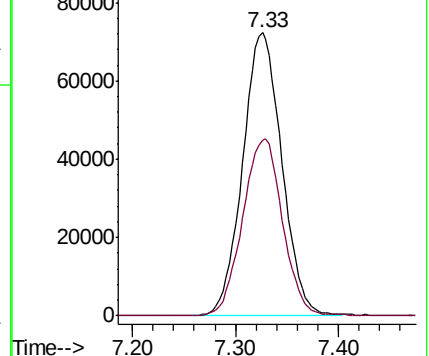
83 100

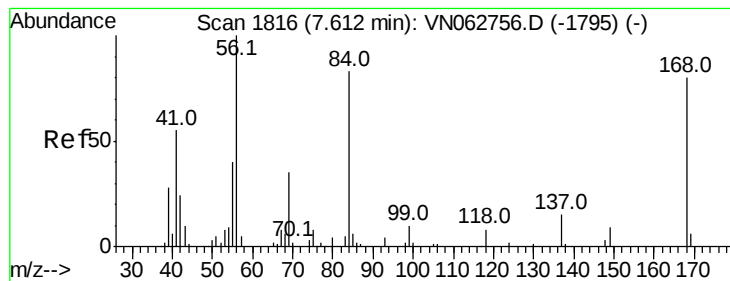
85 62.1 52.7 79.1



Abundance Ion 82.90 (82.60 to 83.60): VN062756.D (-1707) (-)

Ion 84.90 (84.60 to 85.60): VN062756.D (-1707) (-)





#31

Cyclohexane

Concen: 47.237 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

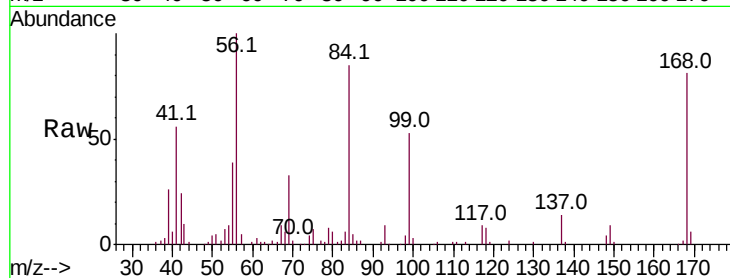
Tot Ion: 56 Resp: 172080

Ion Ratio Lower Upper

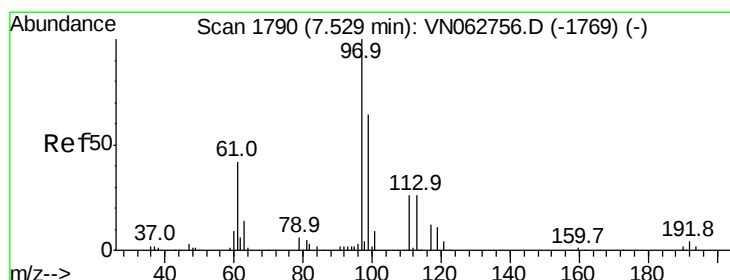
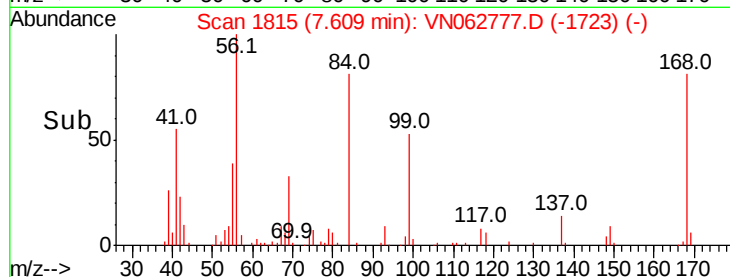
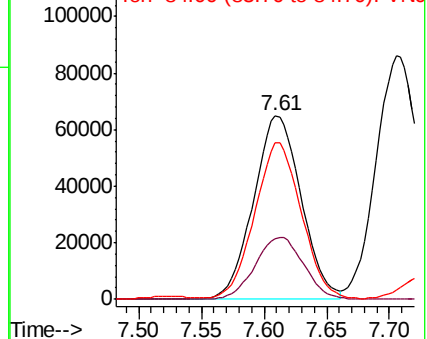
56 100

69 32.9 28.1 42.1

84 83.6 66.8 100.2



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: 44.459 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

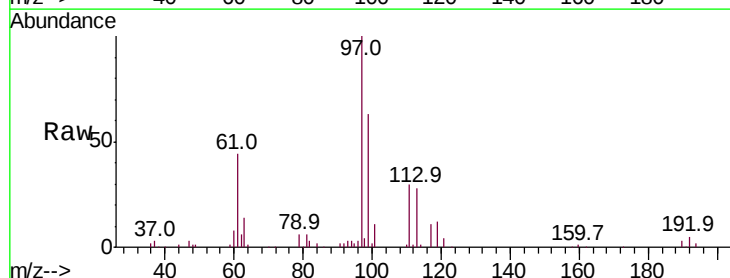
Tgt Ion: 97 Resp: 167645

Ion Ratio Lower Upper

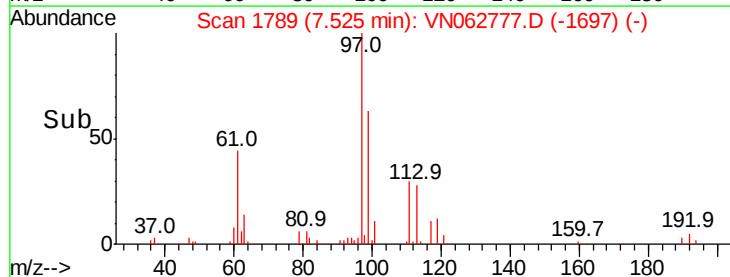
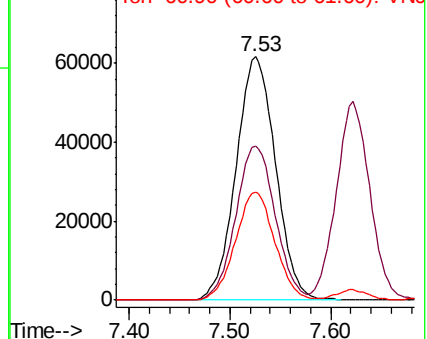
97 100

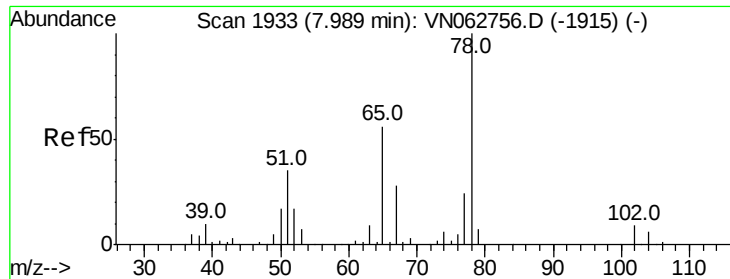
99 63.5 50.0 75.0

61 44.2 34.8 52.2



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

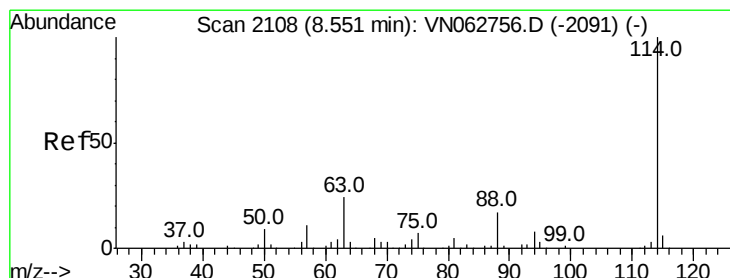
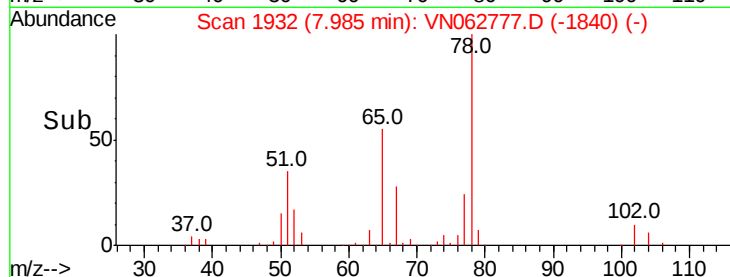
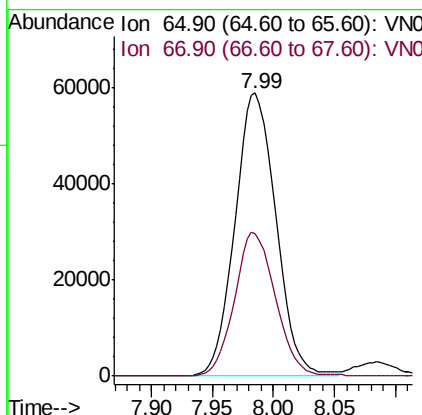
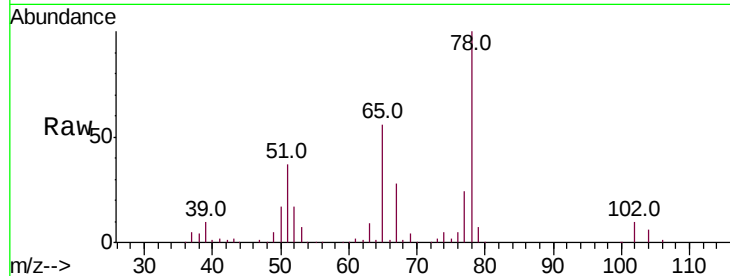




#33
 1,2-Dichloroethane-d4
 Concen: 45.734 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

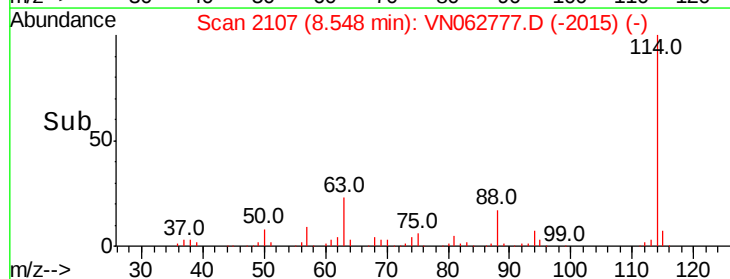
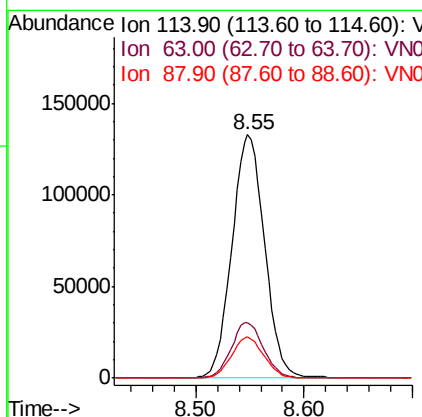
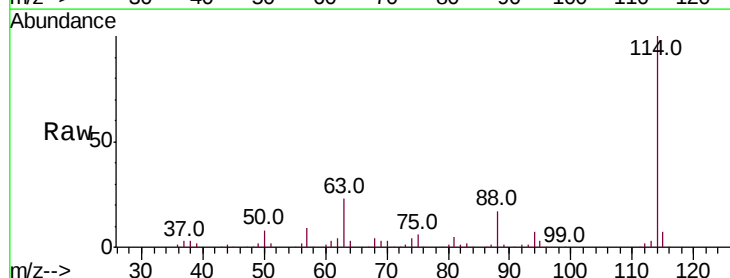
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

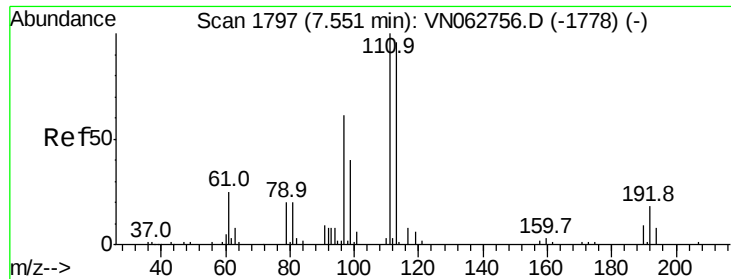
Tot Ion: 65 Resp: 137416
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion:114 Resp: 280459
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.6
 88 16.8 0.0 34.4

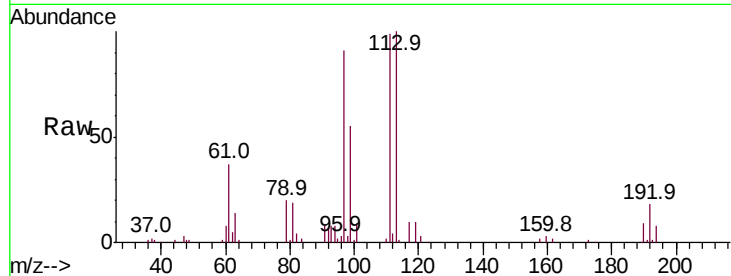




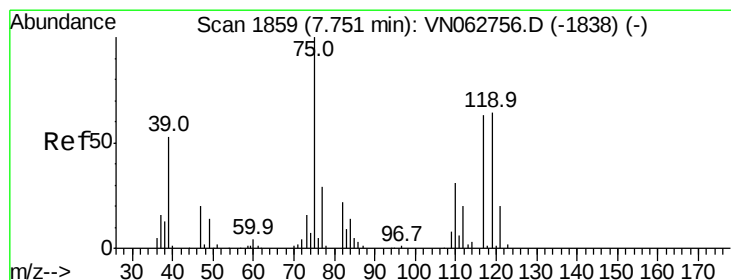
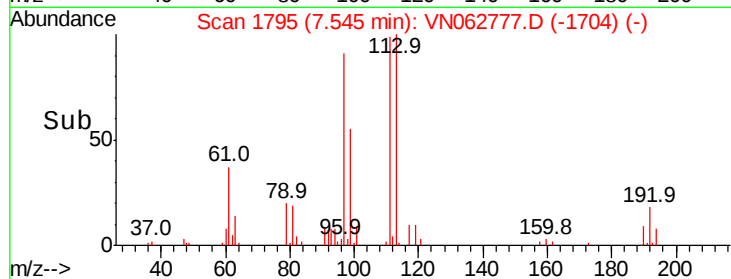
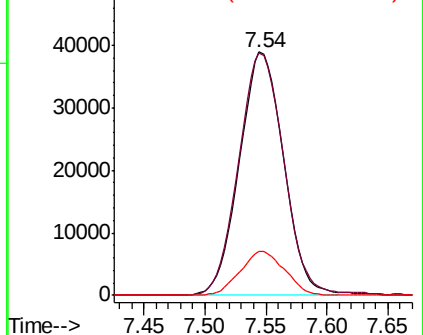
#35
Dibromofluoromethane
Concen: 50.852 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.01 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 97560
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 18.2 15.0 22.4

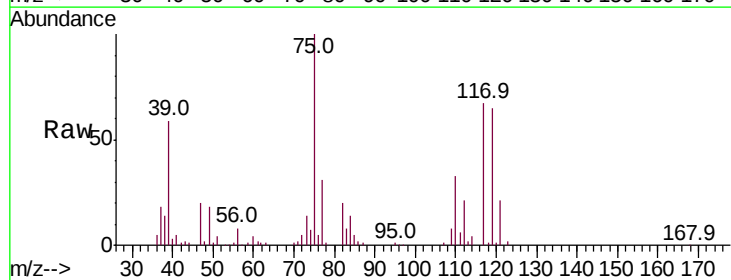


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

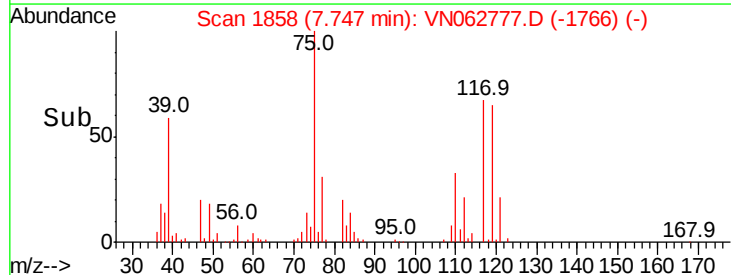
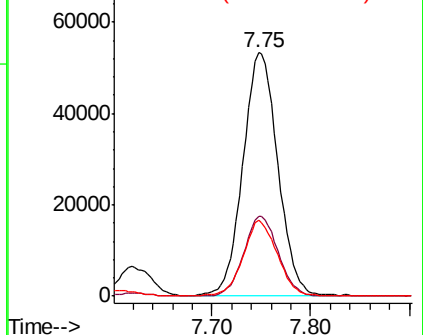


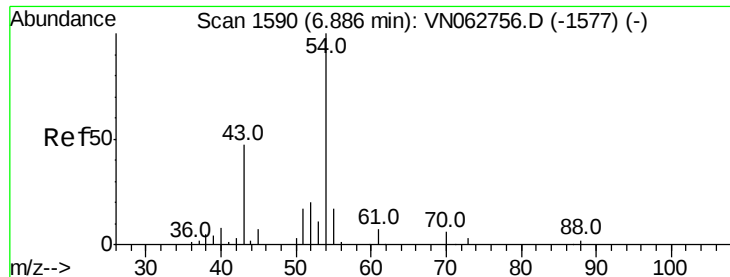
#36
1,1-Dichloropropene
Concen: 47.873 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion: 75 Resp: 130735
Ion Ratio Lower Upper
75 100
110 32.1 15.6 46.7
77 30.5 24.1 36.1



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: 44.299 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.01 min

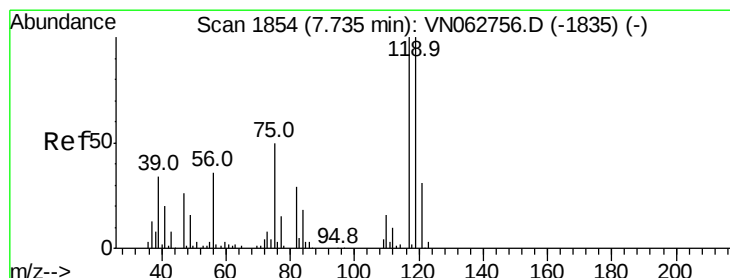
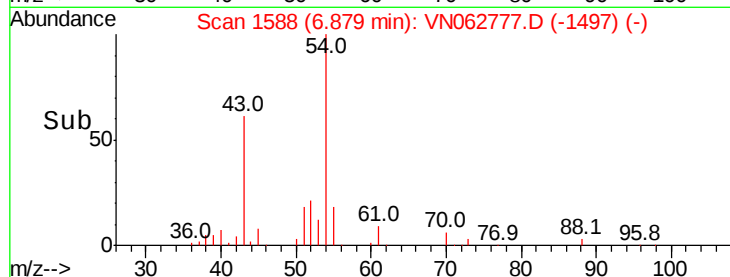
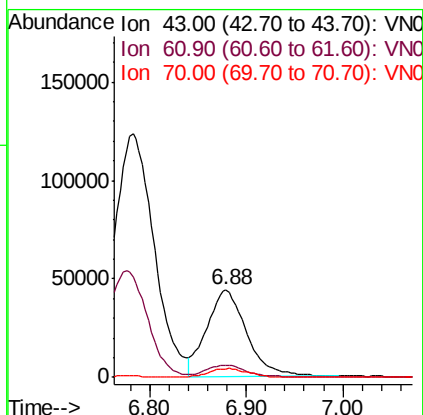
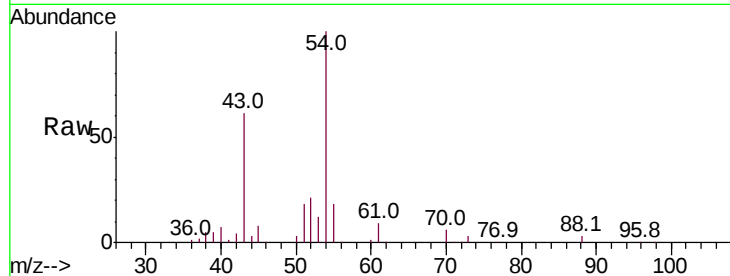
Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 126370

Ion	Ratio	Lower	Upper
43	100		
61	13.6	12.1	18.1
70	10.2	8.3	12.5



#38

Carbon Tetrachloride

Concen: 45.127 ug/l

RT: 7.73 min Scan# 1853

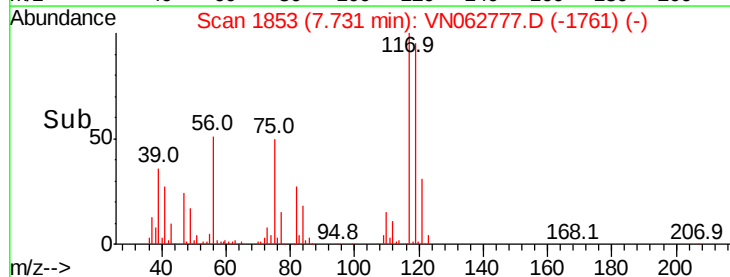
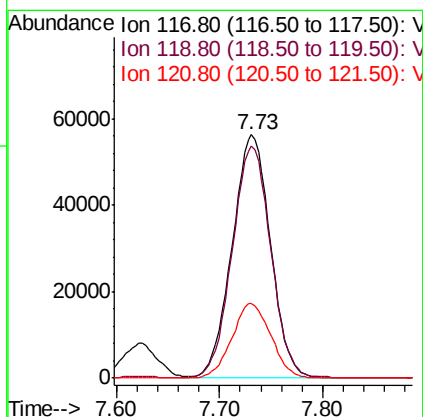
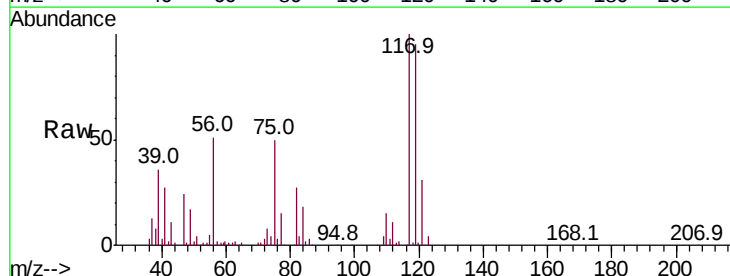
Delta R.T. -0.00 min

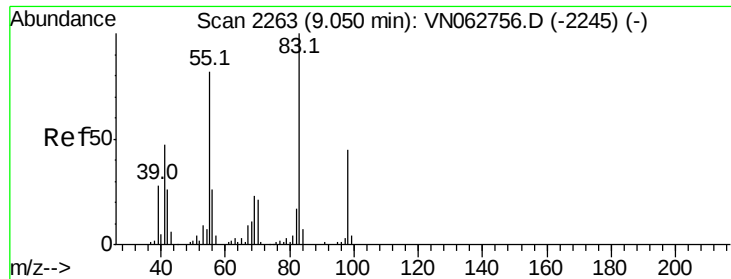
Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion: 117 Resp: 145751

Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.4	119.2
121	30.9	24.9	37.3

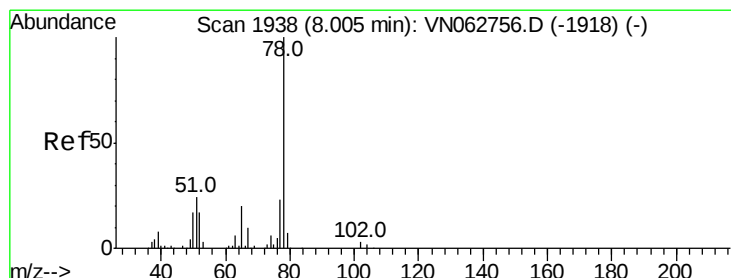
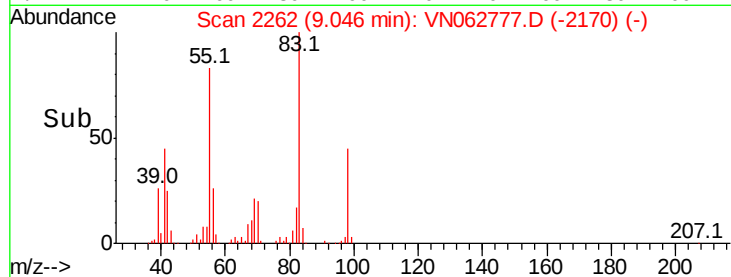
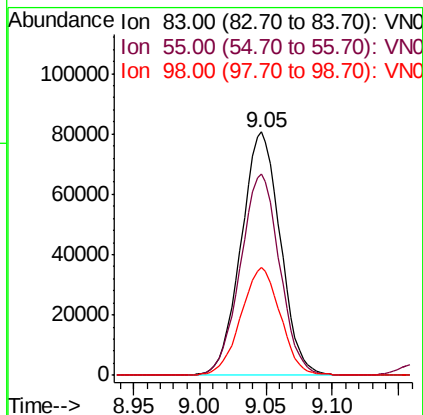
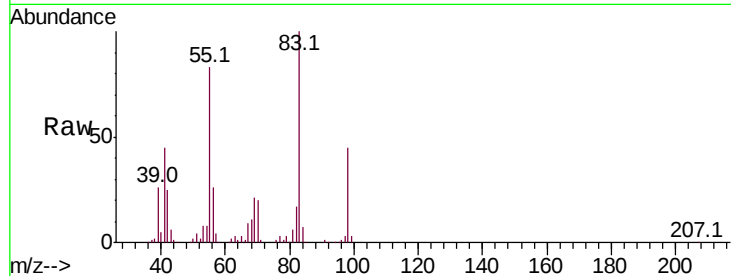




#39
Methvlcvclohexane
Concen: 50.565 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

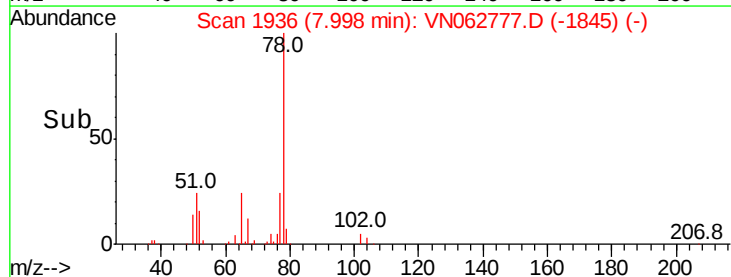
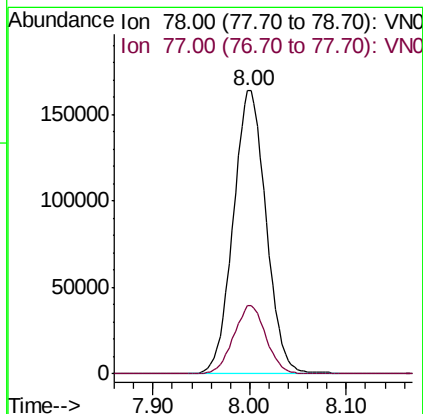
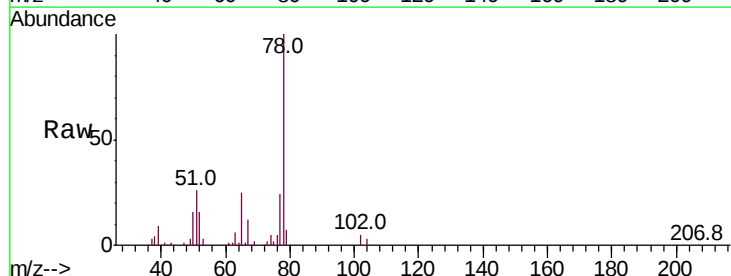
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

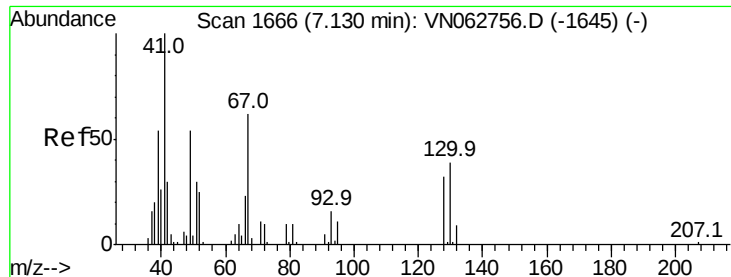
Tot Ion: 83 Resp: 166177
Ion Ratio Lower Upper
83 100
55 82.7 65.7 98.5
98 44.5 35.6 53.4



#40
Benzene
Concen: 47.434 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion: 78 Resp: 386534
Ion Ratio Lower Upper
78 100
77 24.0 18.1 27.1

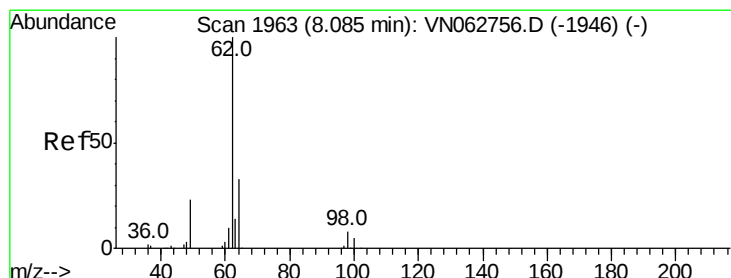
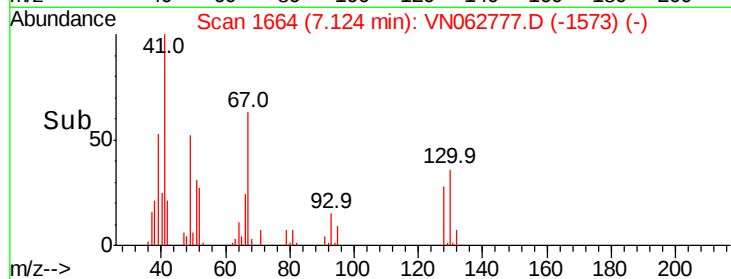
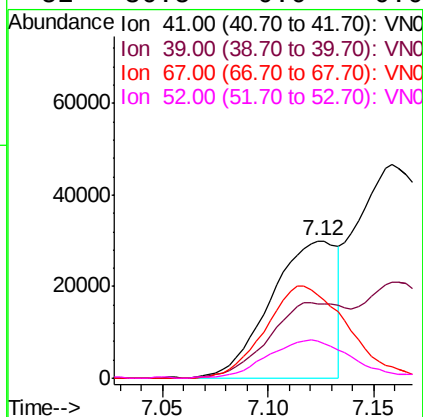
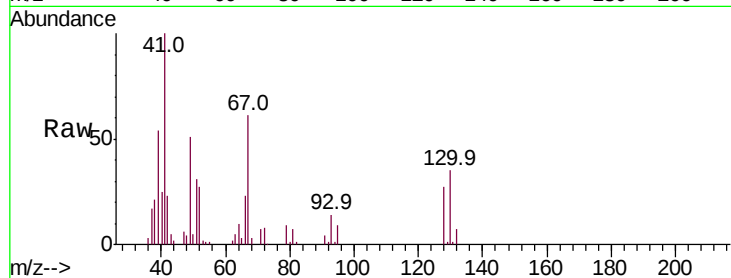




#41
Methacrylonitrile
Concen: 51.093 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

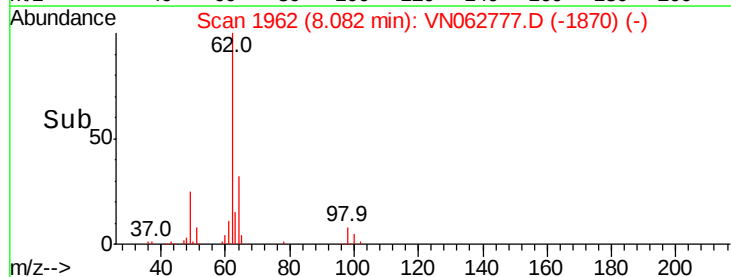
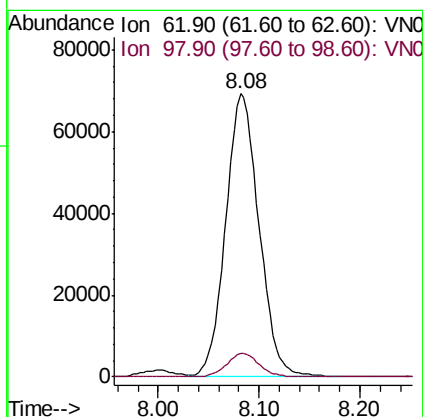
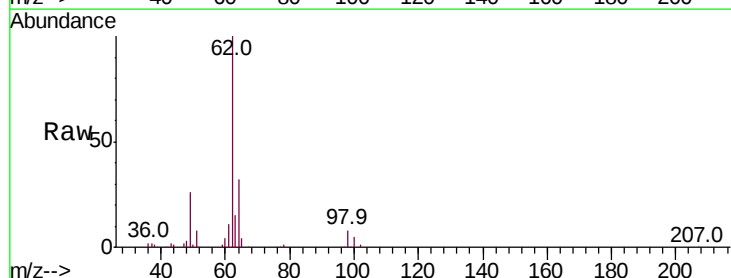
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

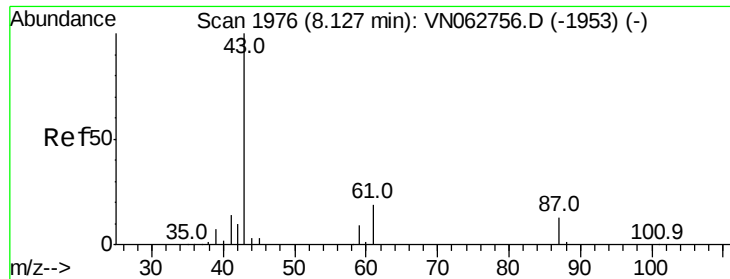
Tot Ion: 41 Resp: 65769
Ion Ratio Lower Upper
41 100
39 64.5 69.4 104.2#
67 83.9 0.0 0.0#
52 36.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 45.738 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion: 62 Resp: 158635
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 45.212 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

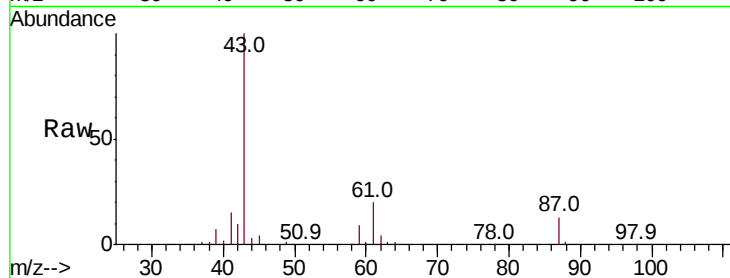
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 215123

Ion	Ratio	Lower	Upper
43	100		
61	27.2	15.8	23.6#
87	12.5	9.9	14.9

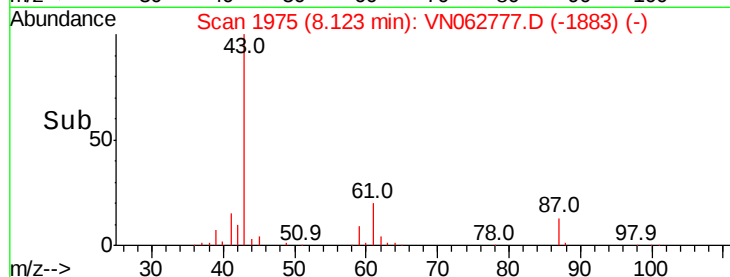


Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

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

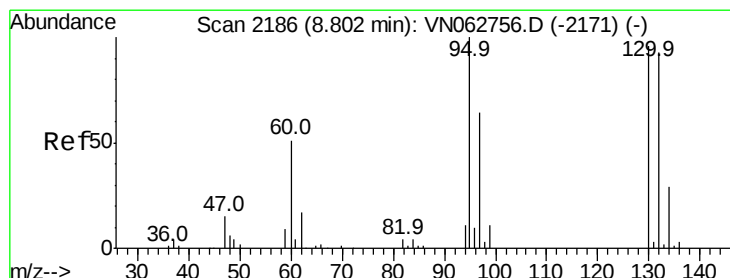
Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)

8.12



8.12

Time-->



#44

Trichloroethene

Concen: 47.812 ug/l

RT: 8.80 min Scan# 2185

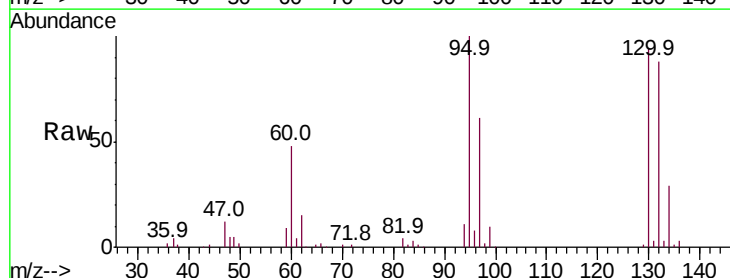
Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion: 130 Resp: 94923

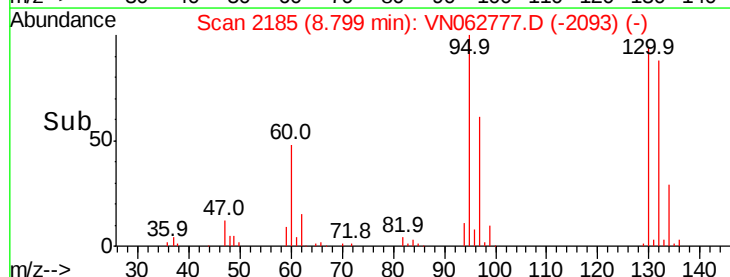
Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	207.6



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

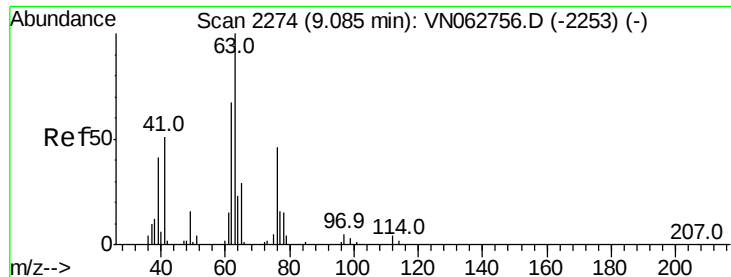
Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)

8.80



8.80

Time-->



#45

1,2-Dichloropropane

Concen: 49.921 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

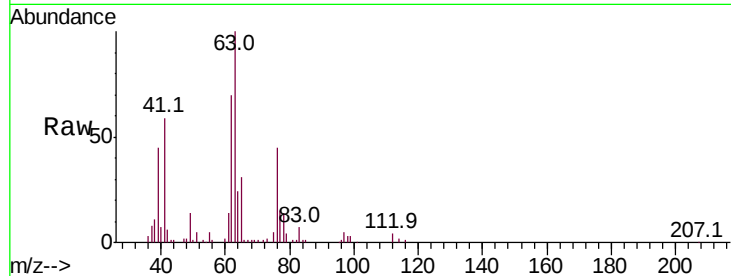
VSTDCCC050

Tot Ion: 63 Resp: 110101

Ion Ratio Lower Upper

63 100

65 30.9 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN062777.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062777.D (-2181) (-)

9.08

60000

50000

40000

30000

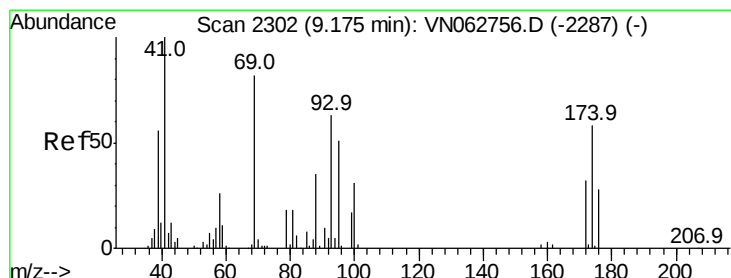
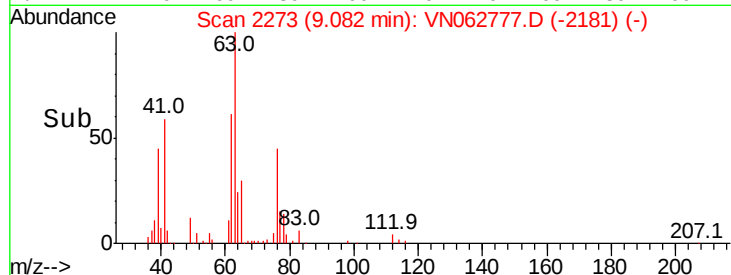
20000

10000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 48.029 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

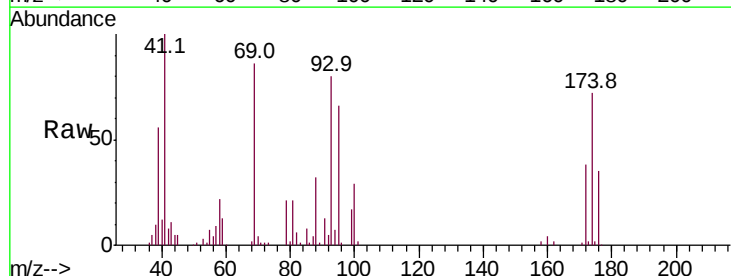
Tgt Ion: 93 Resp: 69406

Ion Ratio Lower Upper

93 100

95 82.5 65.1 97.7

174 92.8 73.9 110.9



Abundance Ion 92.80 (92.50 to 93.50): VN062777.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062777.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062777.D (-2209) (-)

9.17

40000

30000

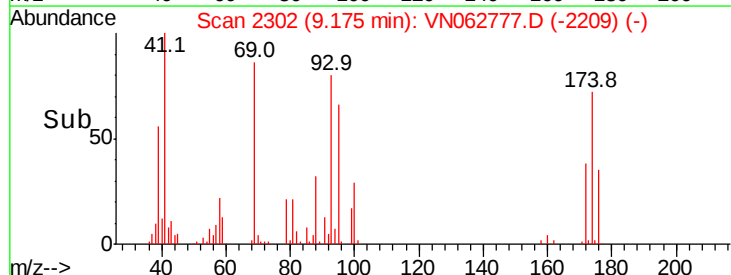
20000

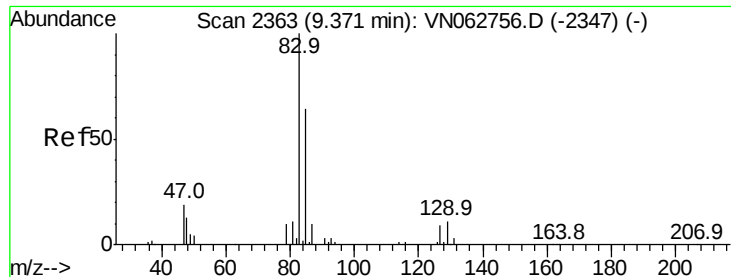
10000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 48.794 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

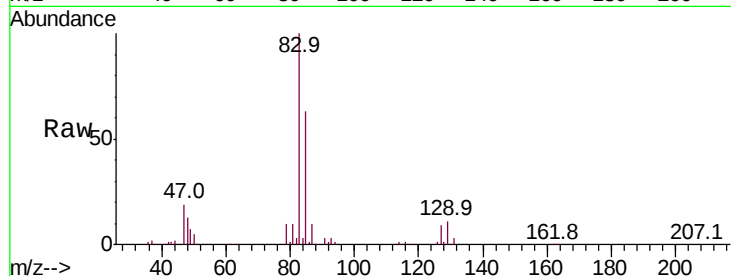
Tot Ion: 83 Resp: 158367

Ion Ratio Lower Upper

83 100

85 62.8 51.4 77.0

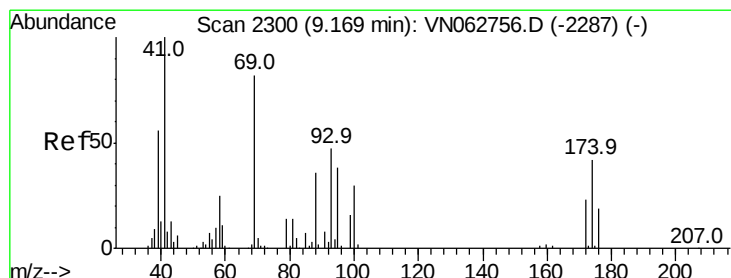
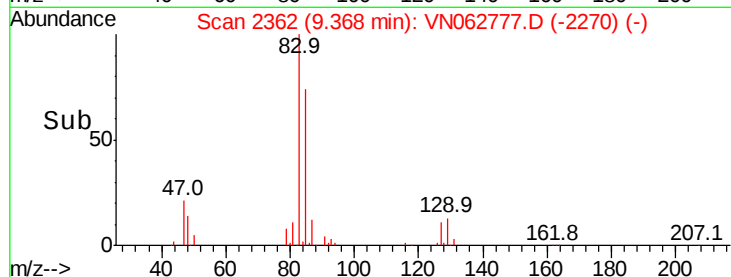
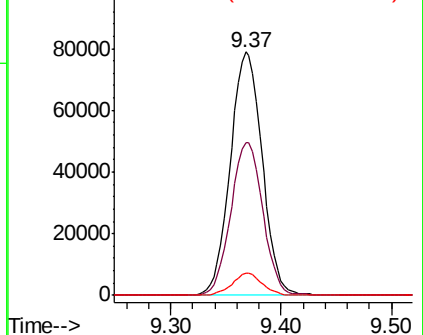
127 9.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062756.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062756.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062756.D (-2347) (-)



#48

Methyl methacrylate

Concen: 46.388 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

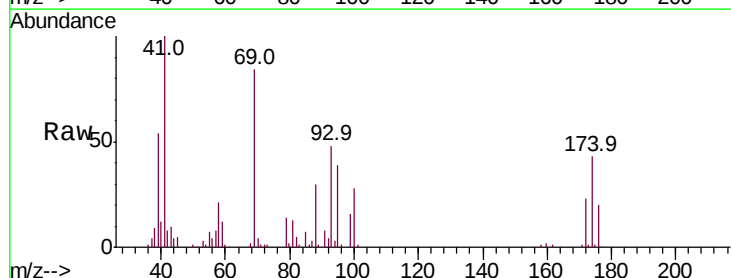
Tgt Ion: 41 Resp: 108565

Ion Ratio Lower Upper

41 100

69 85.8 67.4 101.2

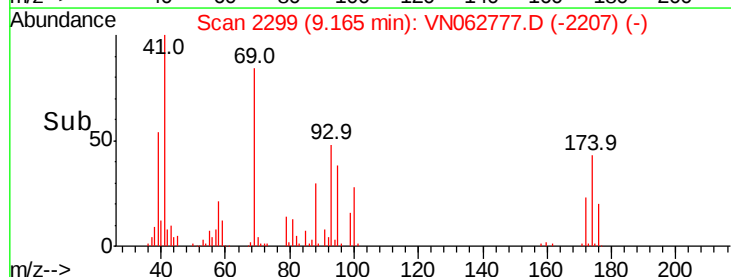
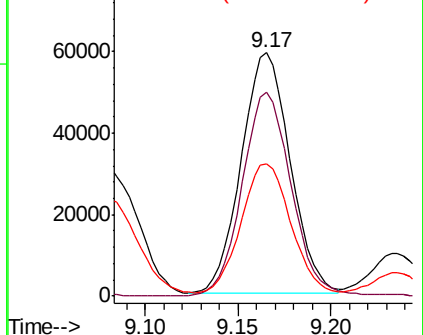
39 57.1 47.6 71.4

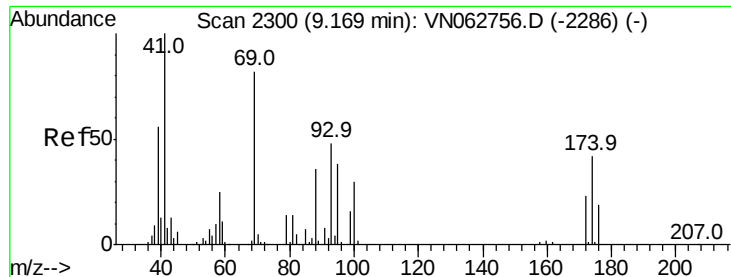


Abundance Ion 41.00 (40.70 to 41.70): VN062756.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062756.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062756.D (-2287) (-)

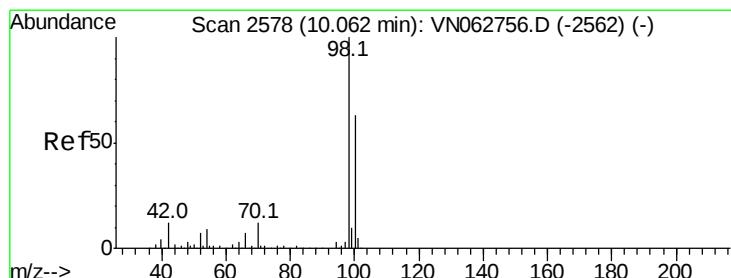
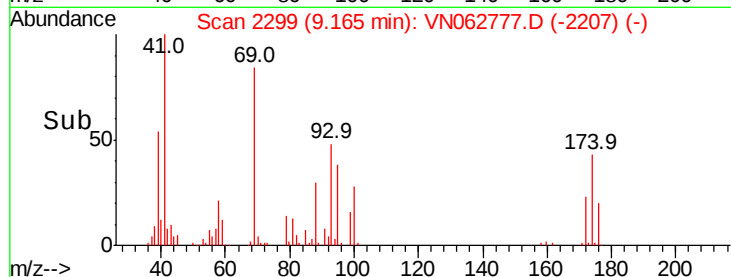
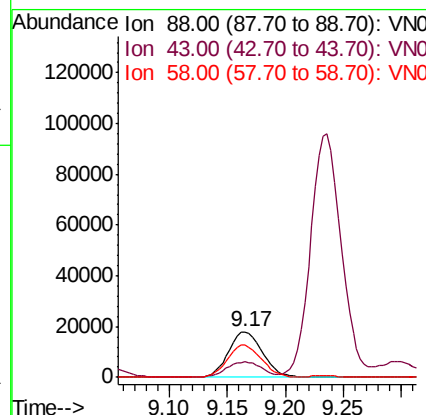
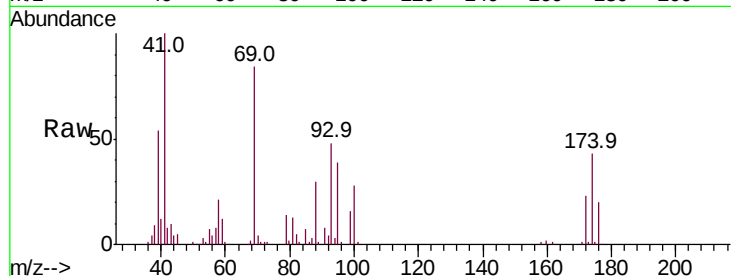




#49
 1,4-Dioxane
 Concen: 845.535 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

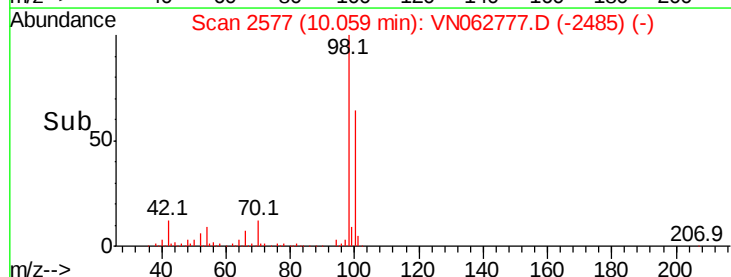
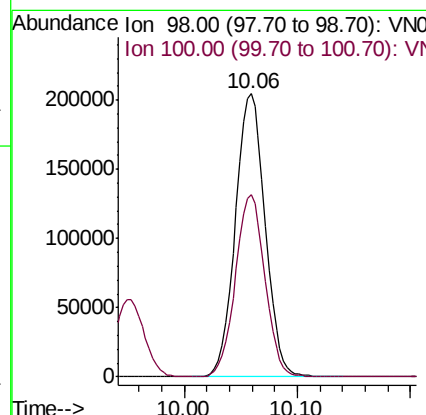
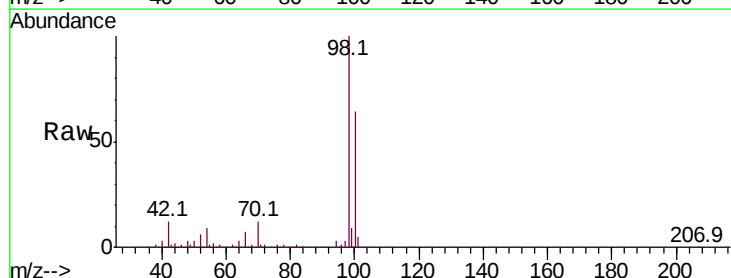
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

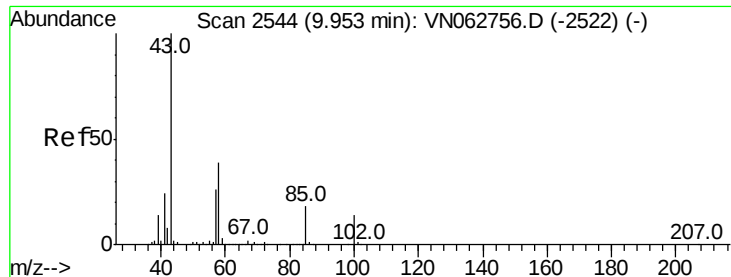
Tot Ion: 88 Resp: 36667
 Ion Ratio Lower Upper
 88 100
 43 35.2 29.5 44.3
 58 71.7 59.8 89.8



#50
 Toluene-d8
 Concen: 50.029 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion: 98 Resp: 374719
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.9 76.3

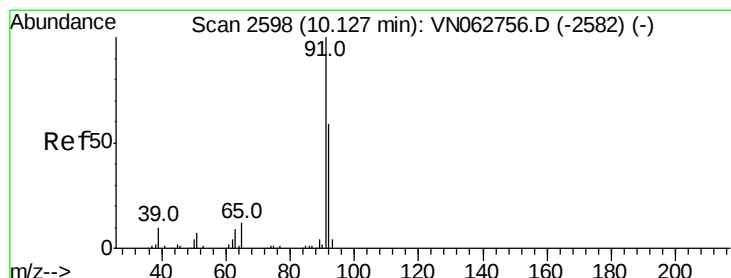
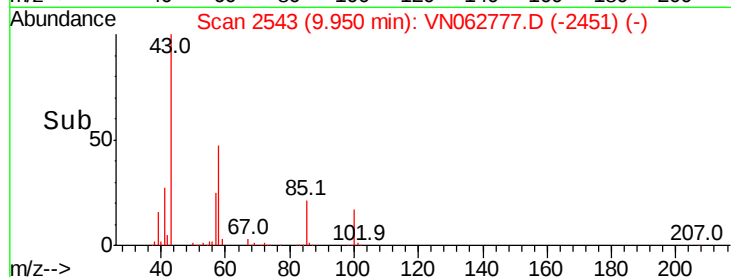
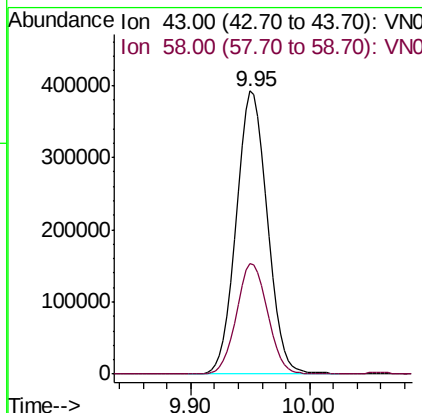
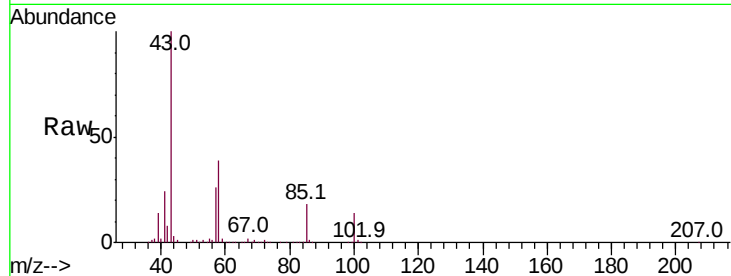




#51
 4-Methyl-2-Pentanone
 Concen: 231.195 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

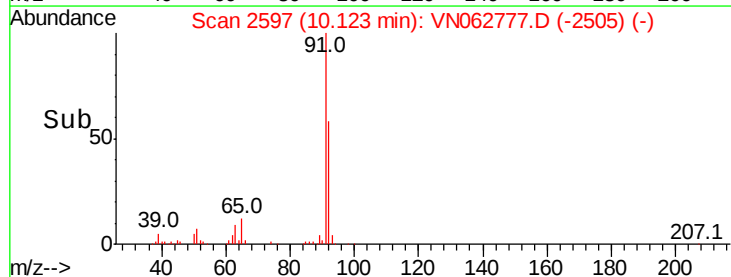
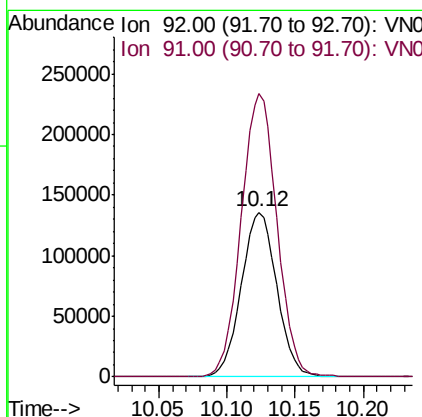
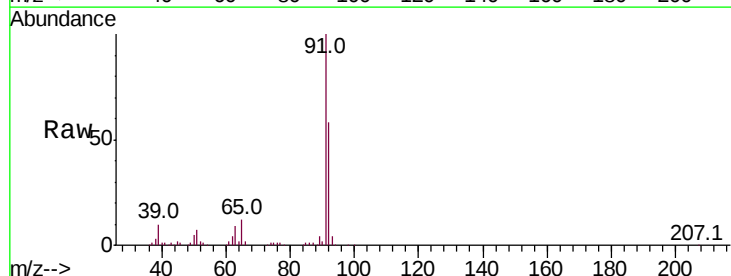
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

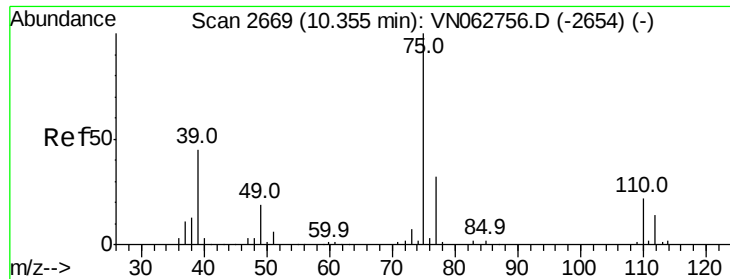
Tot Ion: 43 Resp: 711753
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.1 46.7



#52
 Toluene
 Concen: 48.992 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion: 92 Resp: 246499
 Ion Ratio Lower Upper
 92 100
 91 173.1 138.9 208.3

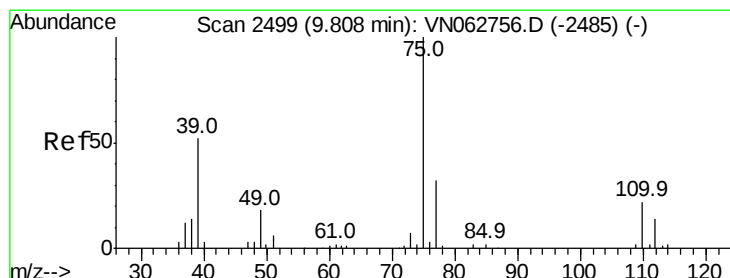
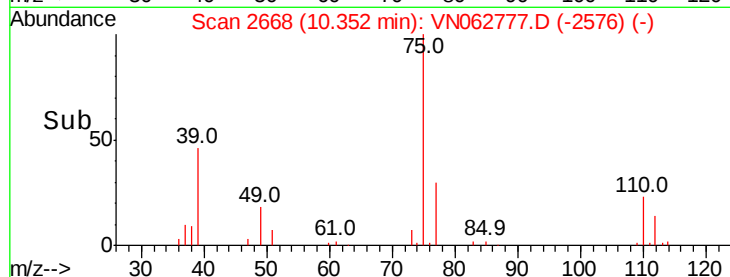
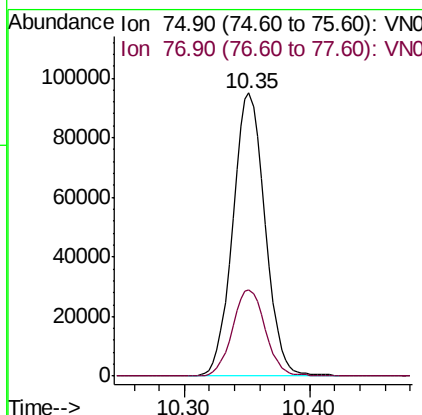
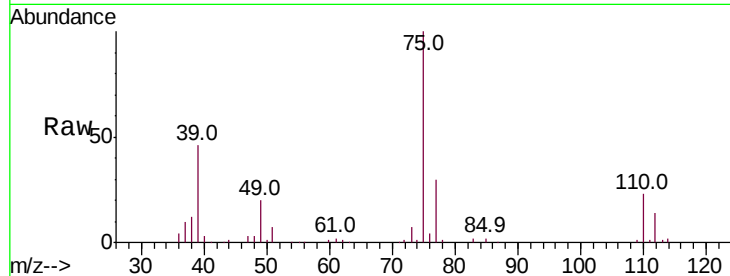




#53
 t-1,3-Dichloropropene
 Concen: 47.586 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

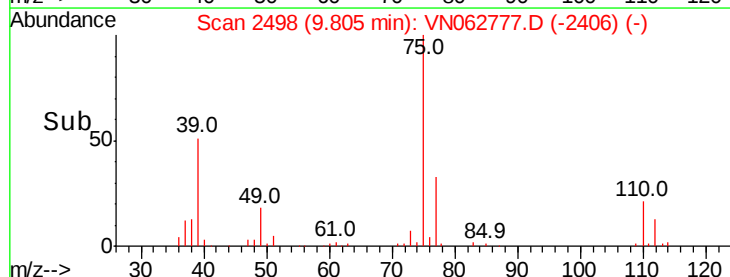
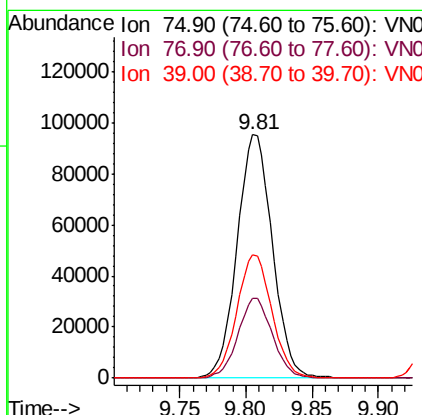
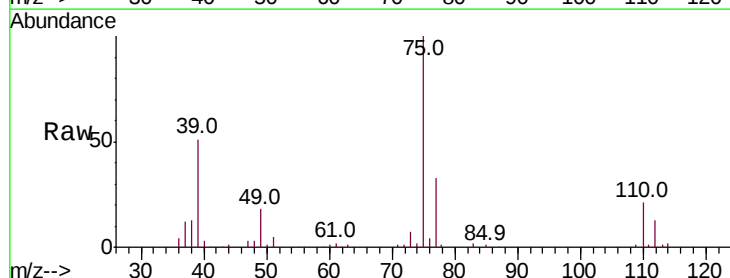
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

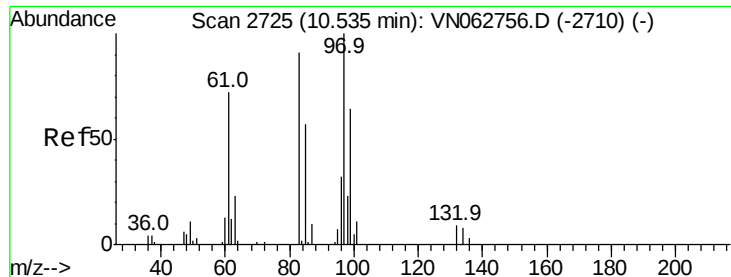
Tot Ion: 75 Resp: 169883
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.313 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion: 75 Resp: 176756
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 50.6 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 47.007 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 101012

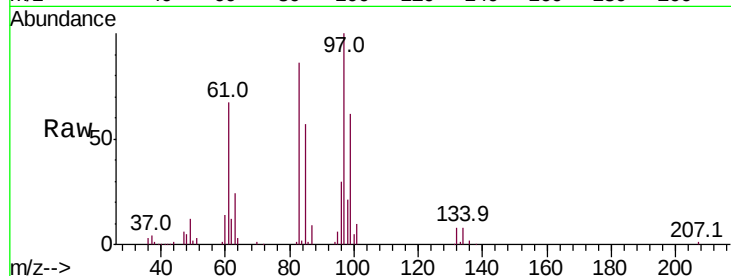
Ion Ratio Lower Upper

97 100

83 86.4 72.6 108.8

85 56.9 46.0 69.0

99 61.8 51.1 76.7

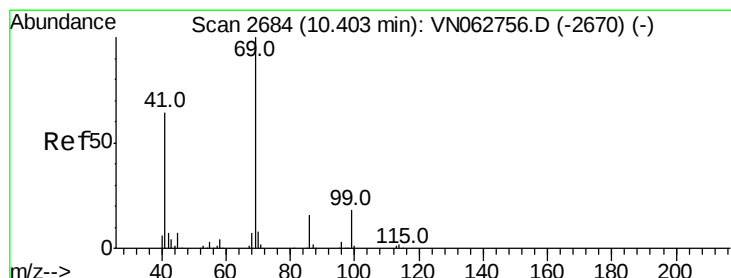
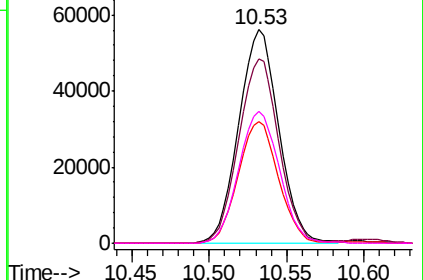
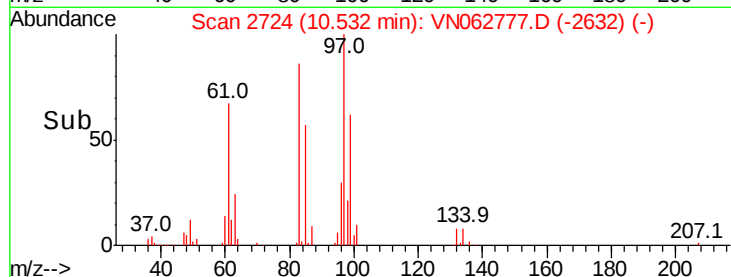


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 48.490 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

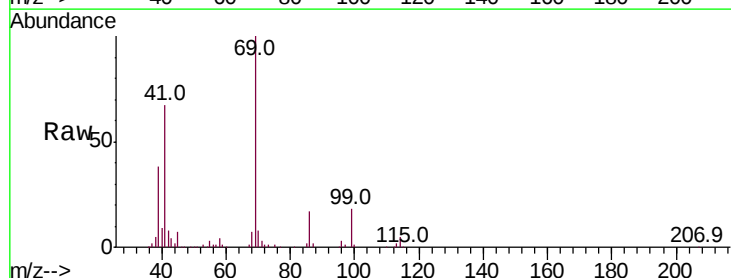
Tgt Ion: 69 Resp: 156839

Ion Ratio Lower Upper

69 100

41 66.6 52.2 78.2

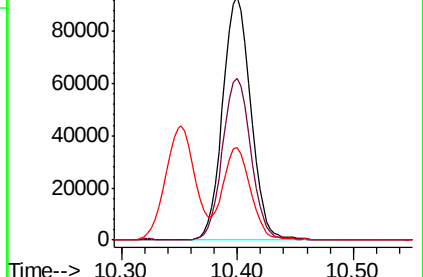
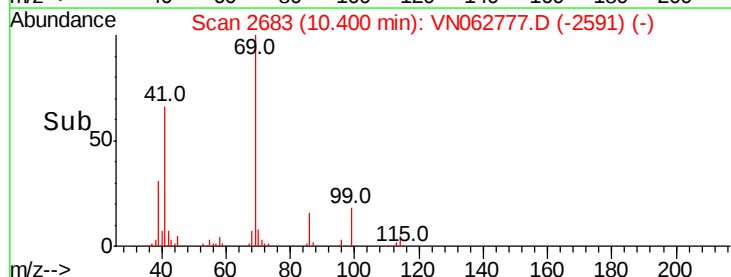
39 36.7 30.9 46.3

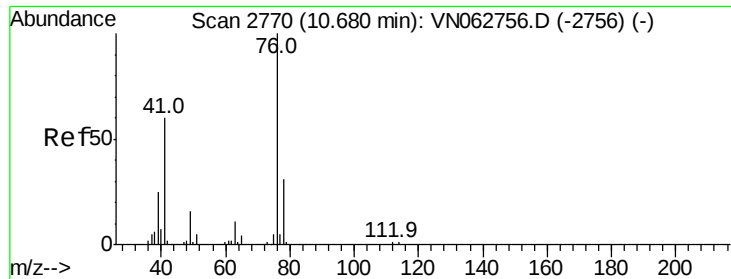


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 47.945 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampled :

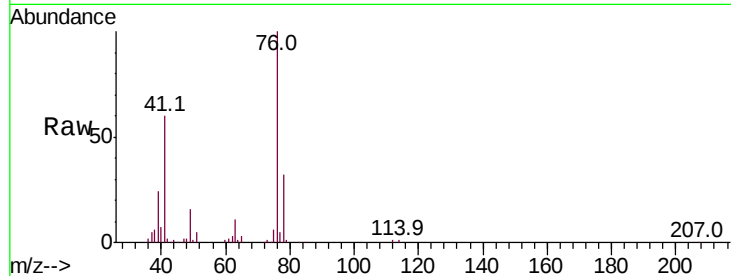
VSTDCCC050

Tot Ion: 76 Resp: 175057

Ion Ratio Lower Upper

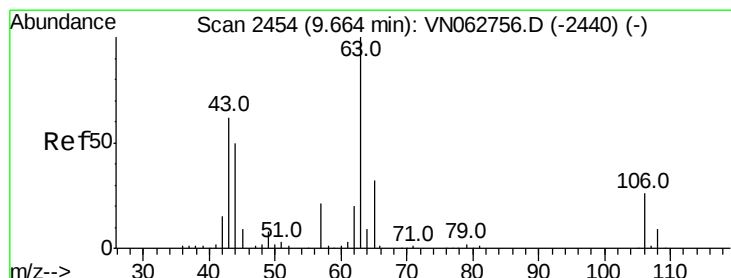
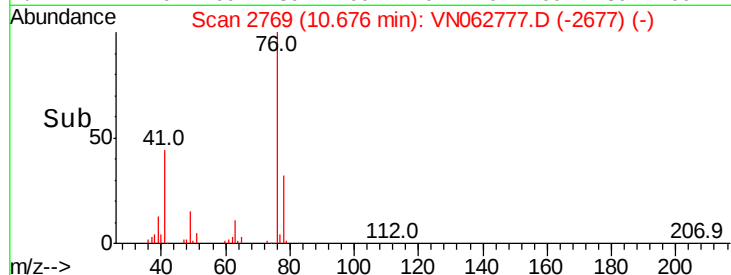
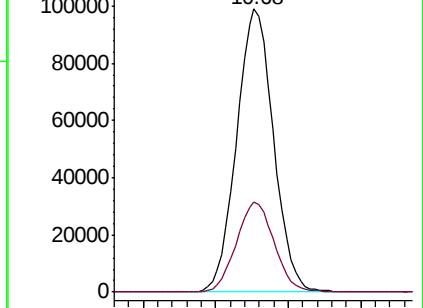
76 100

78 32.6 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 236.722 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062777.D

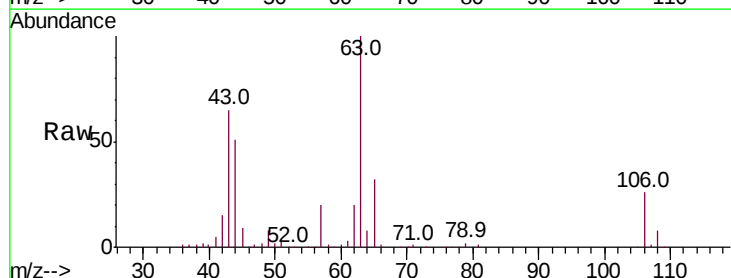
Acq: 7 Aug 2020 9:57

Tgt Ion: 63 Resp: 216426

Ion Ratio Lower Upper

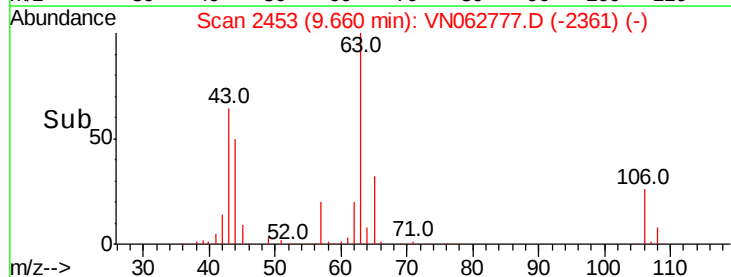
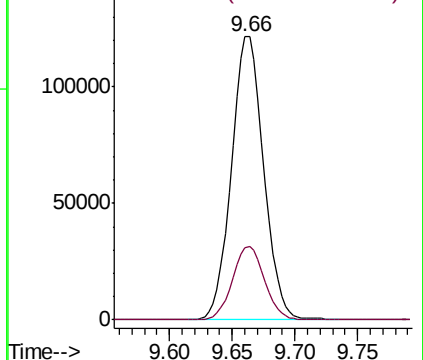
63 100

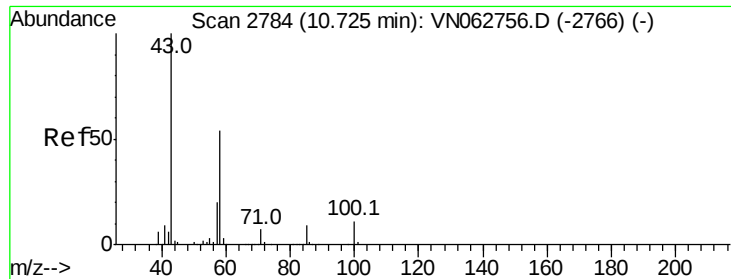
106 25.9 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

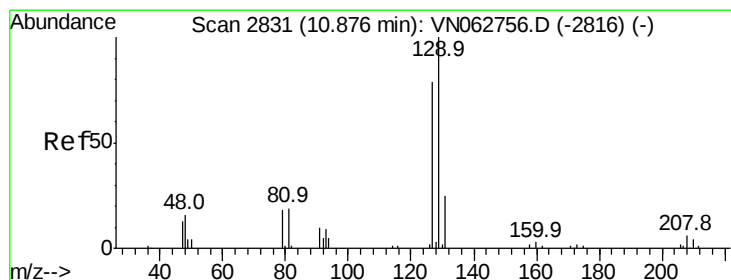
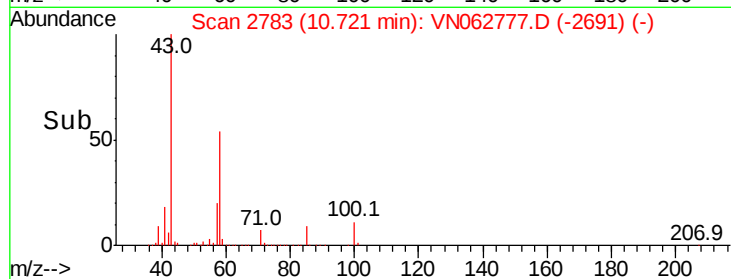
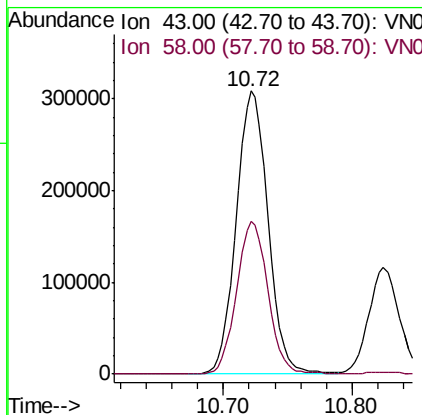
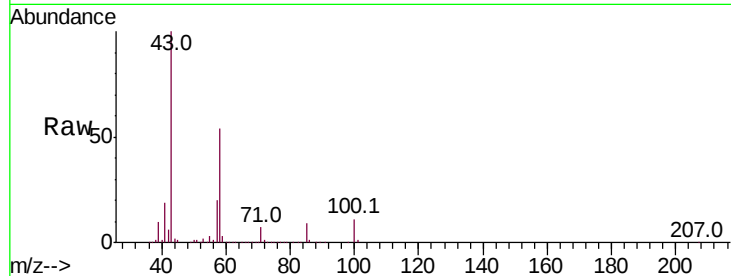




#59
2-Hexanone
Concen: 229.869 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

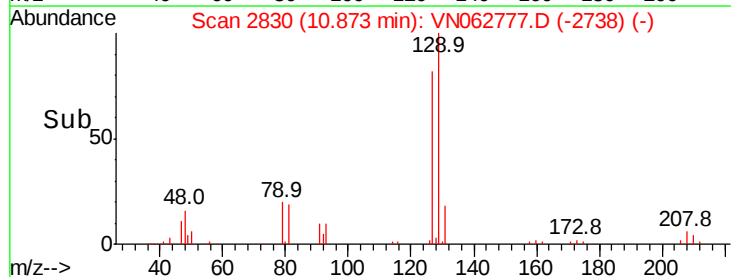
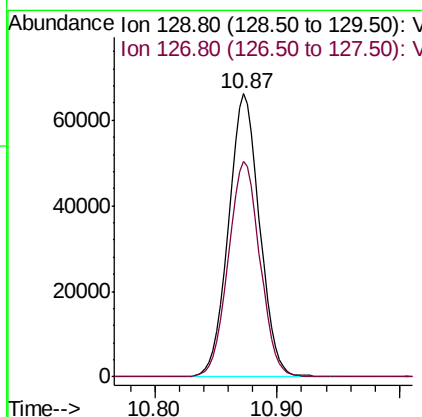
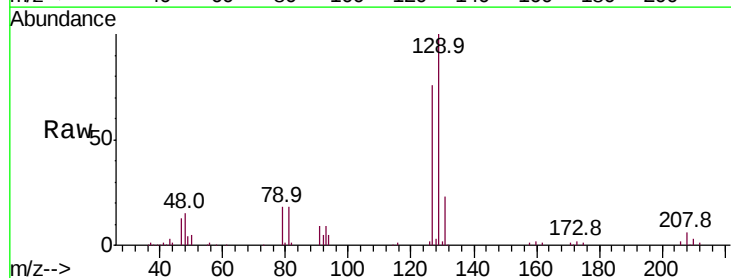
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

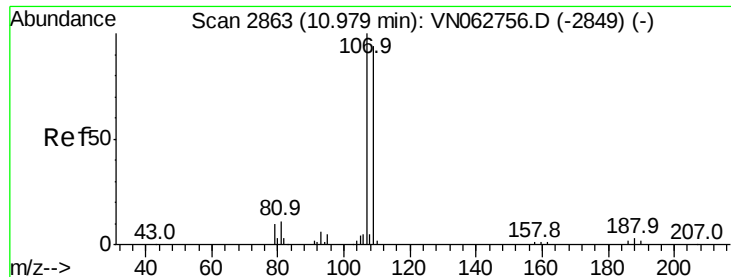
Tot Ion: 43 Resp: 527881
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 47.959 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion: 129 Resp: 117605
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

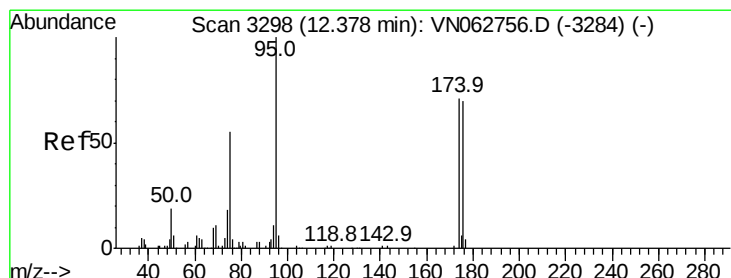
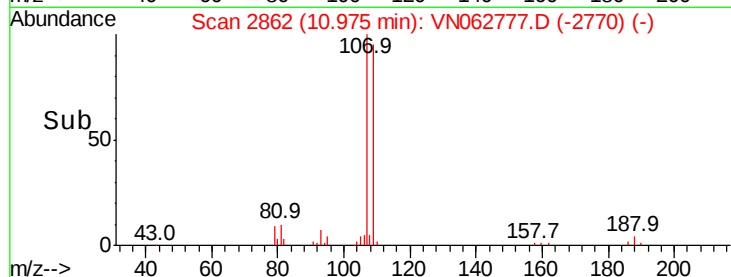
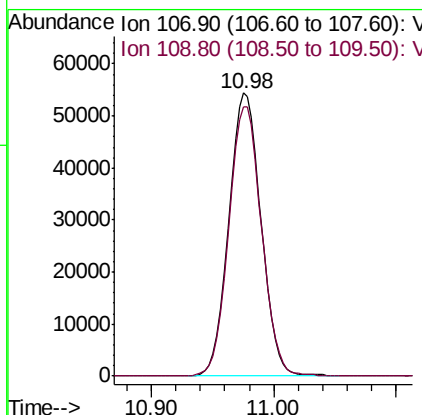
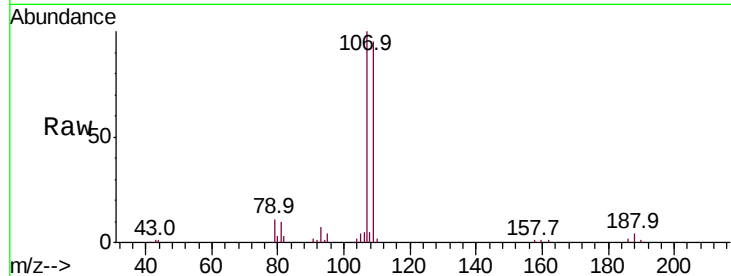




#61
 1,2-Dibromoethane
 Concen: 47.080 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

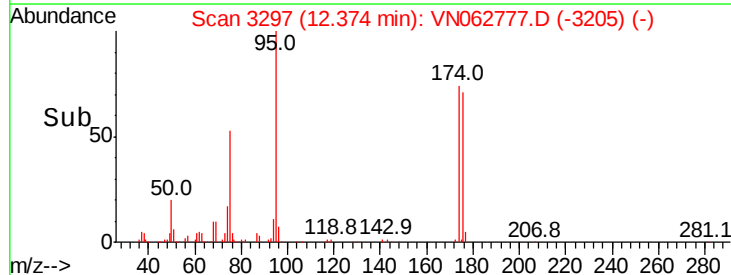
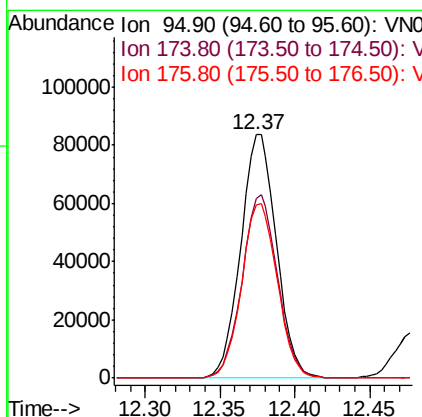
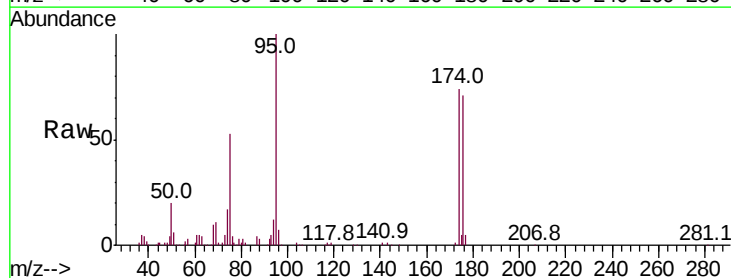
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

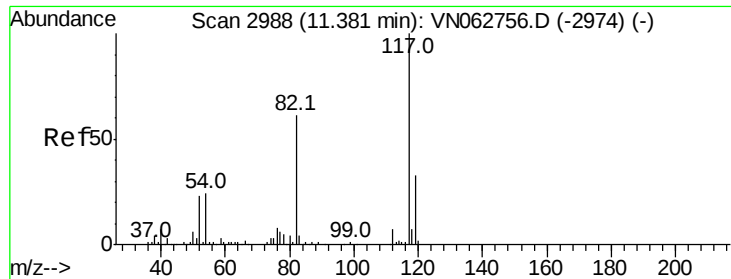
Tot Ion:107 Resp: 99829
 Ion Ratio Lower Upper
 107 100
 109 96.8 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.120 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion: 95 Resp: 139033
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 144.8
 176 71.6 0.0 142.2

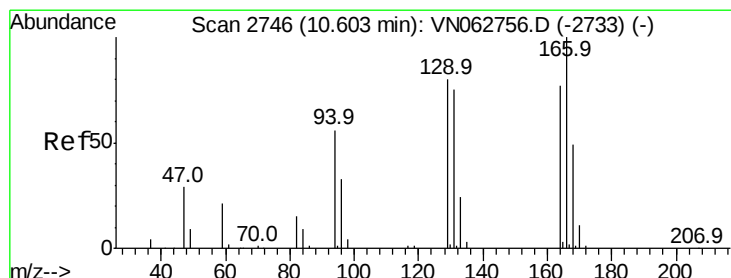
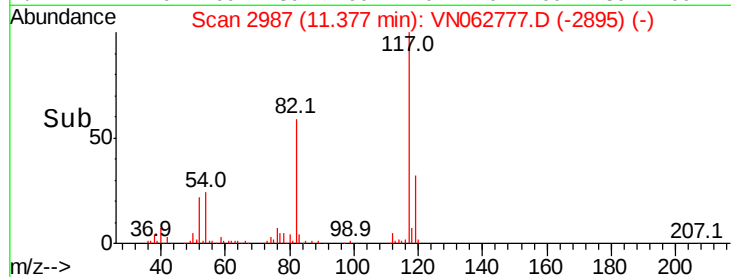
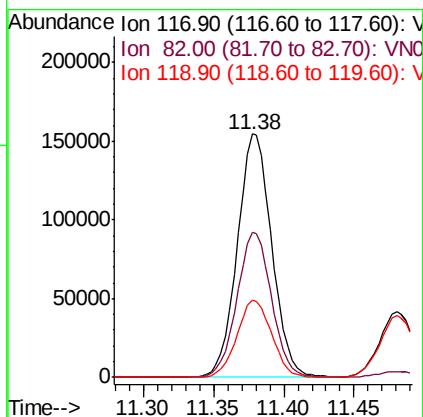
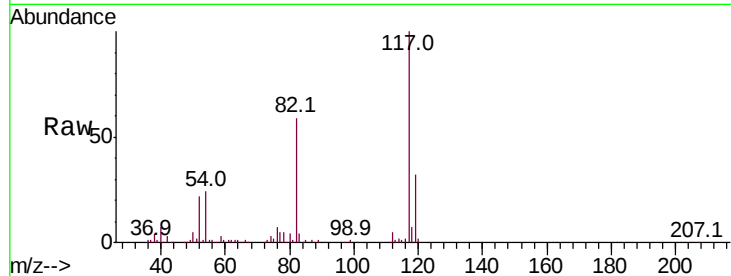




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

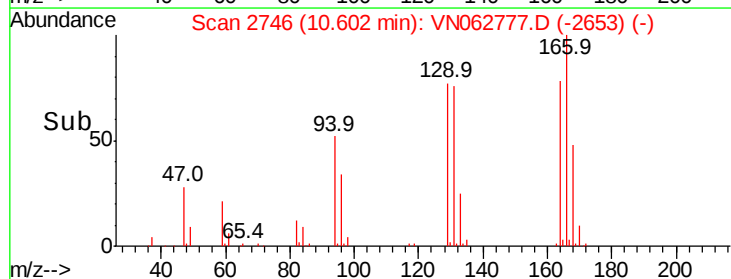
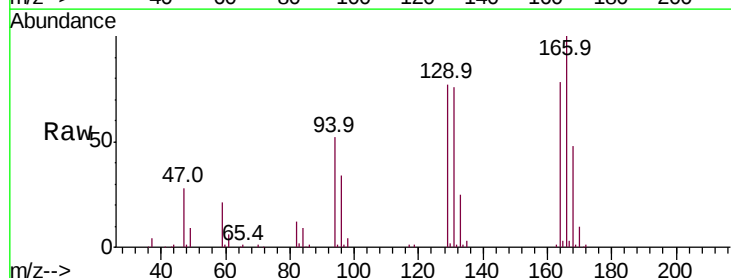
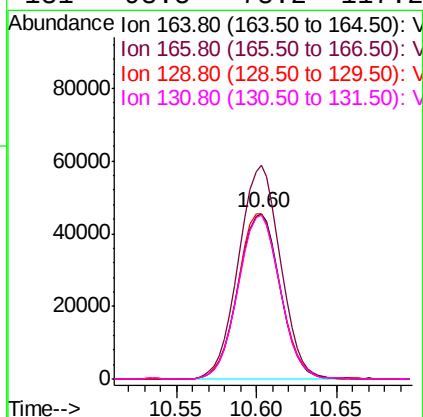
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

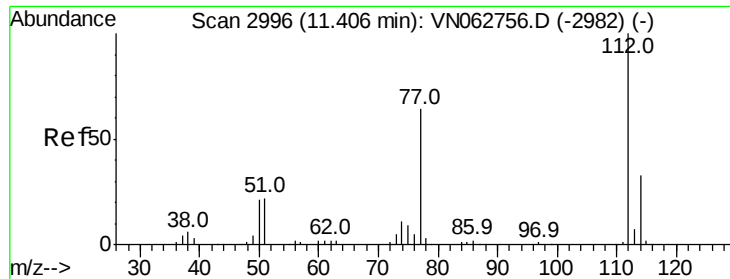
Tot Ion:117 Resp: 264676
Ion Ratio Lower Upper
117 100
82 59.5 49.0 73.4
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 47.864 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion:164 Resp: 81739
Ion Ratio Lower Upper
164 100
166 128.9 103.8 155.8
129 99.8 82.7 124.1
131 98.5 78.2 117.2

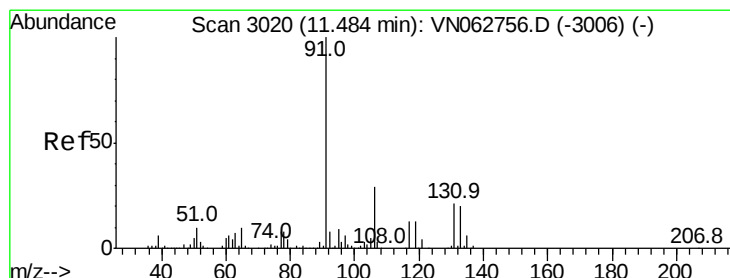
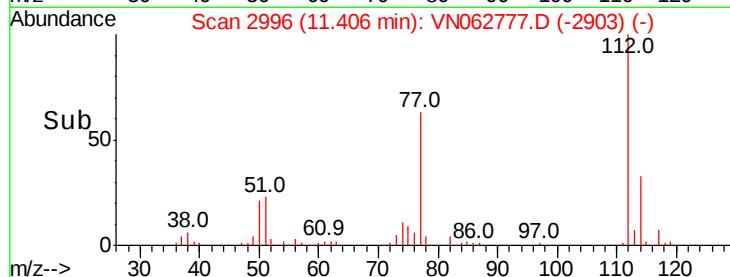
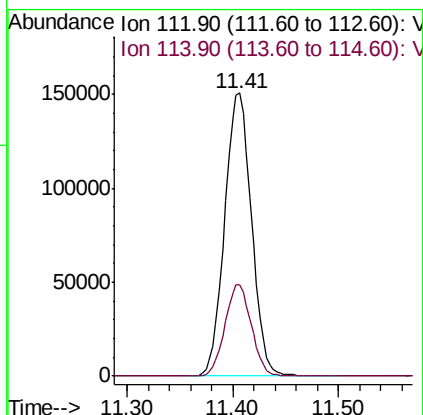
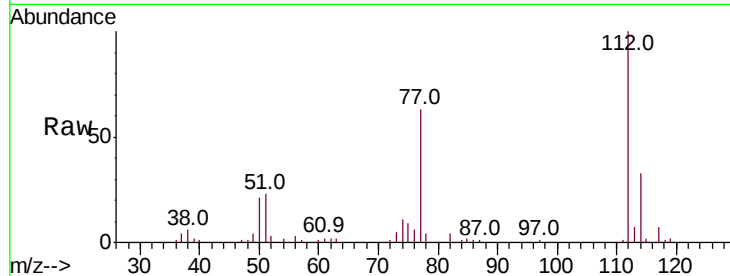




#65
Chlorobenzene
Concen: 47.978 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

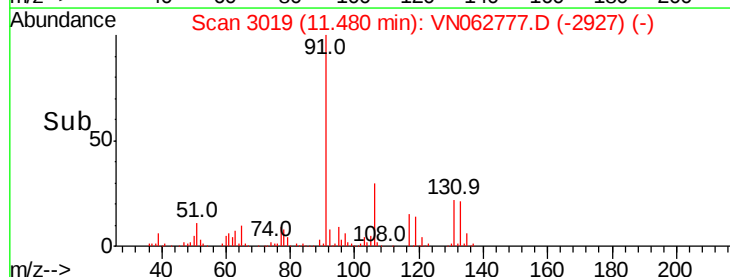
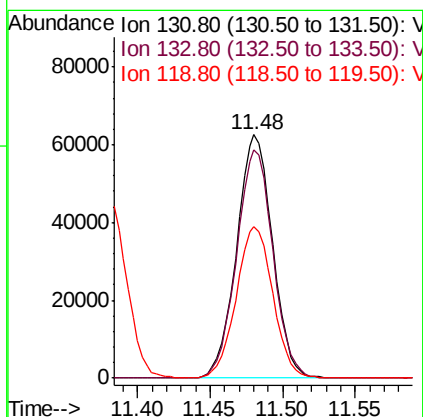
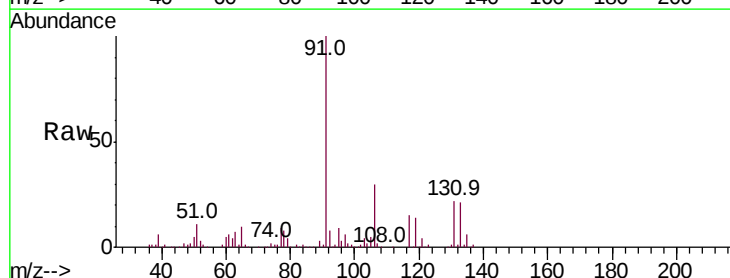
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

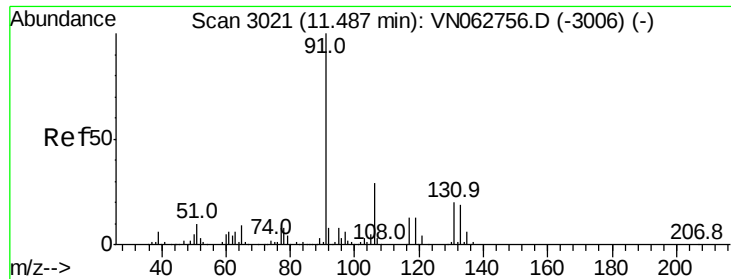
Tot Ion:112 Resp: 265450
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.378 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion:131 Resp: 107487
Ion Ratio Lower Upper
131 100
133 95.1 48.6 145.8
119 63.5 32.2 96.6

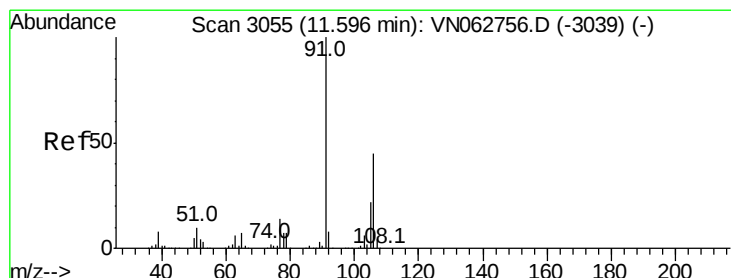
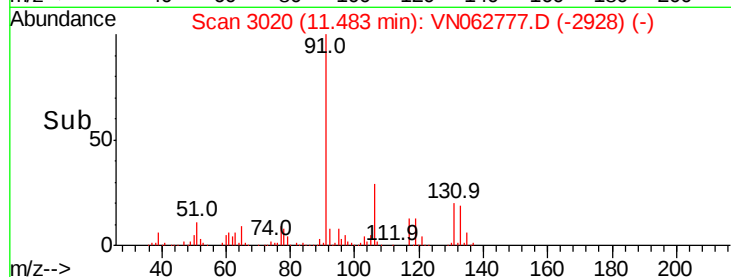
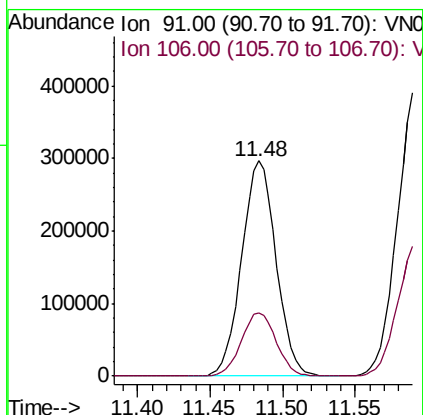
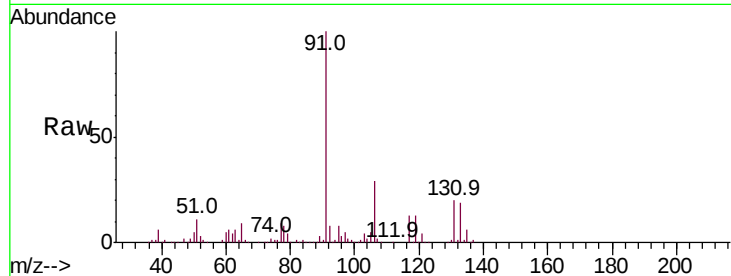




#67
Ethyl Benzene
Concen: 49.437 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

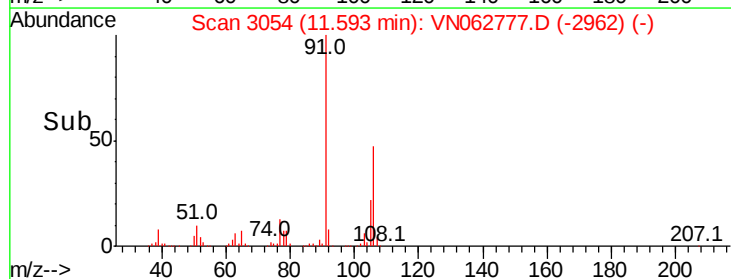
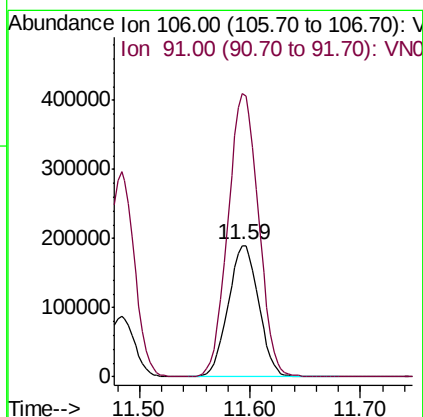
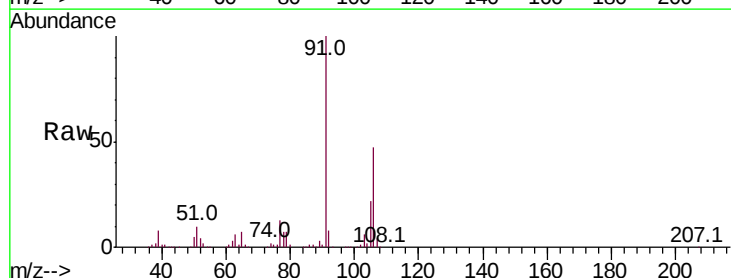
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

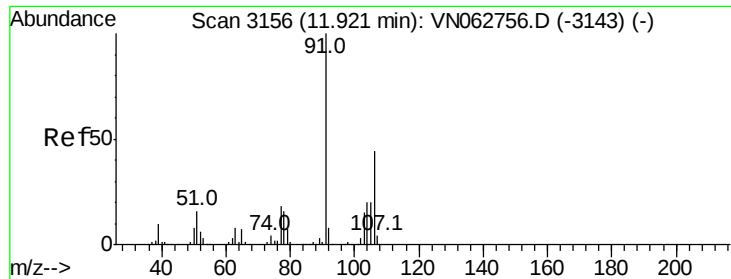
Tot Ion: 91 Resp: 489468
Ion Ratio Lower Upper
91 100
106 29.5 23.2 34.8



#68
m/p-Xylenes
Concen: 101.854 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion:106 Resp: 366063
Ion Ratio Lower Upper
106 100
91 215.3 175.9 263.9

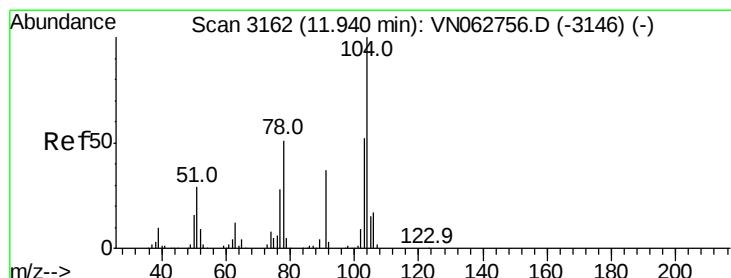
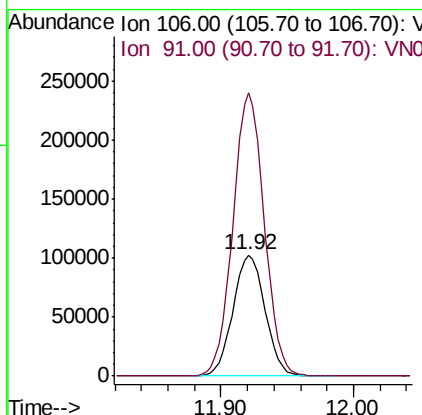
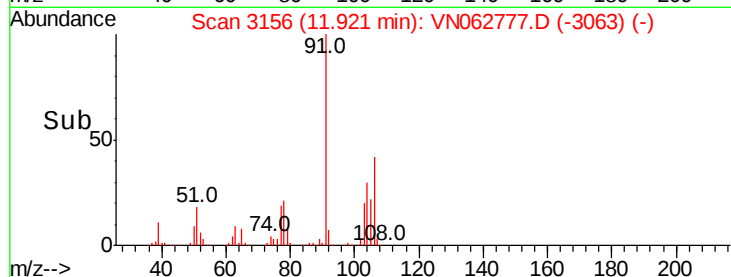
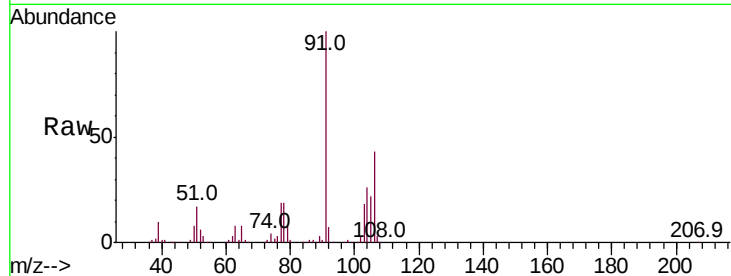




#69
o-Xylene
Concen: 51.223 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

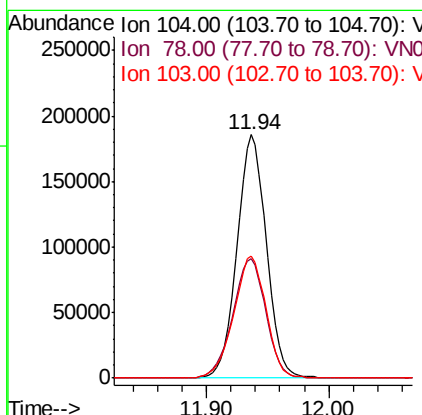
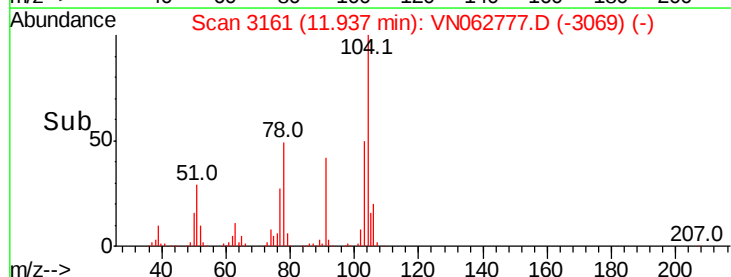
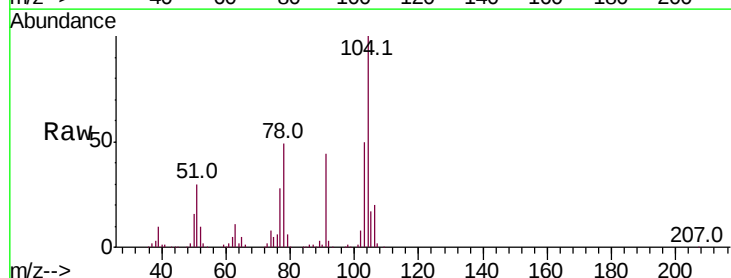
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

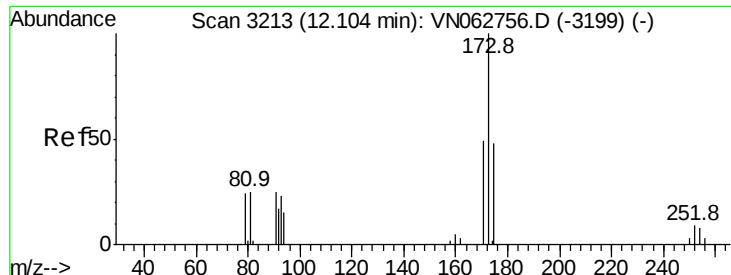
Tot Ion:106 Resp: 172523
Ion Ratio Lower Upper
106 100
91 228.2 115.8 347.4



#70
Styrene
Concen: 52.112 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion:104 Resp: 308512
Ion Ratio Lower Upper
104 100
78 55.6 45.9 68.9
103 55.4 45.1 67.7

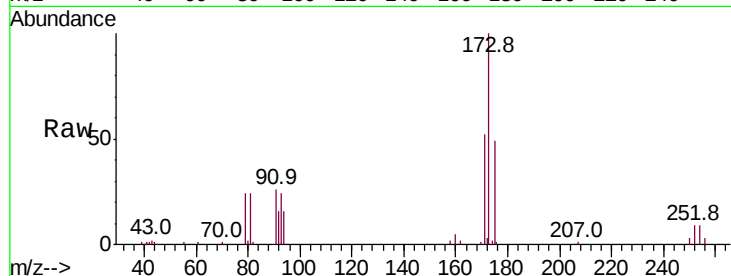




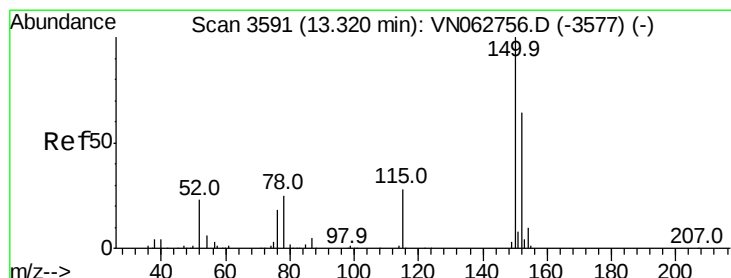
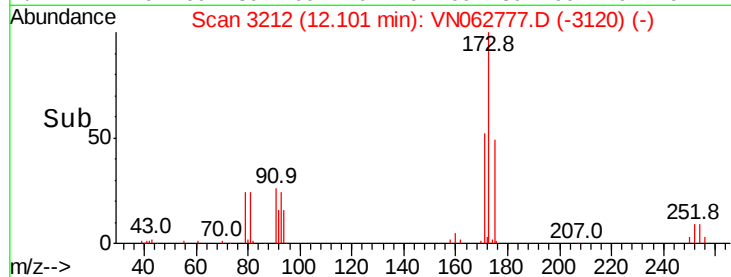
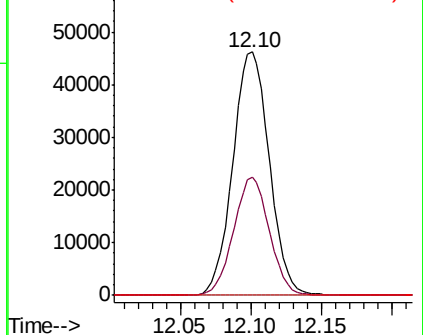
#71
Bromoform
Concen: 46.112 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 83826
Ion Ratio Lower Upper
173 100
175 47.3 24.0 72.0
254 0.0 0.0 0.0

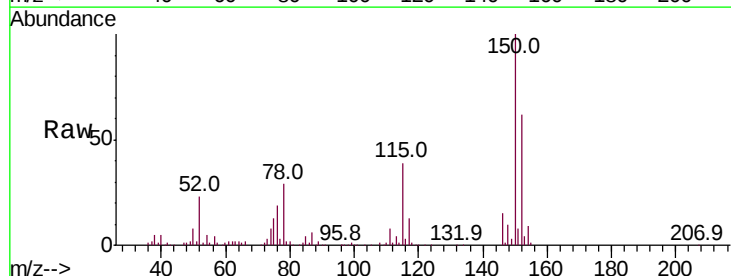


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

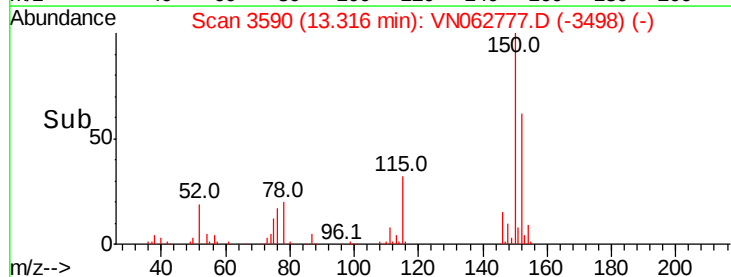
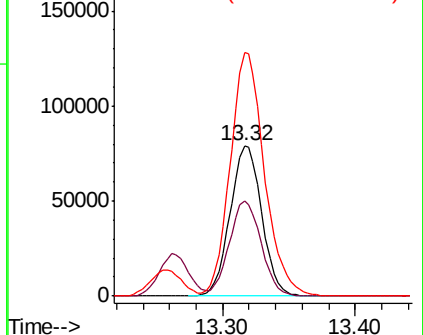


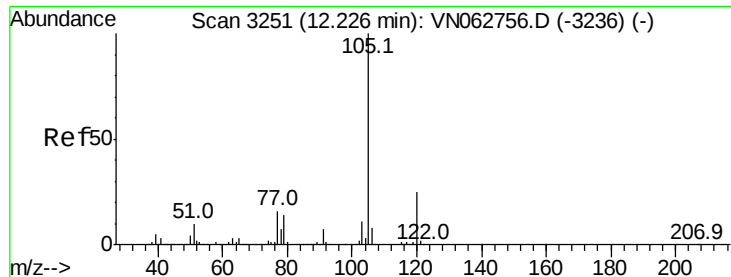
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion:152 Resp: 130813
Ion Ratio Lower Upper
152 100
115 63.3 31.6 94.8
150 173.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.323 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

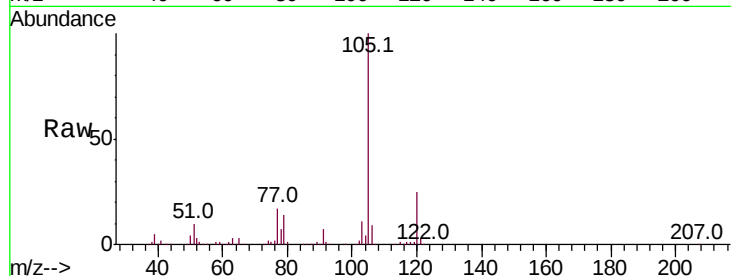
VSTDCCC050

Tot Ion:105 Resp: 485842

Ion Ratio Lower Upper

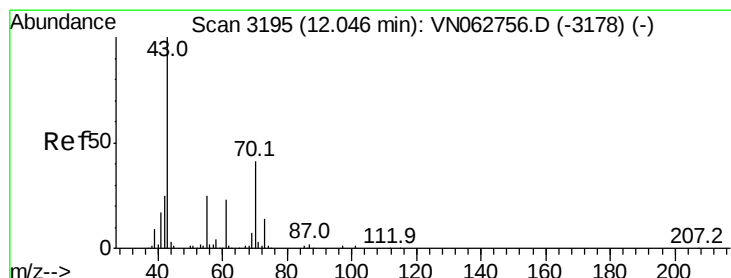
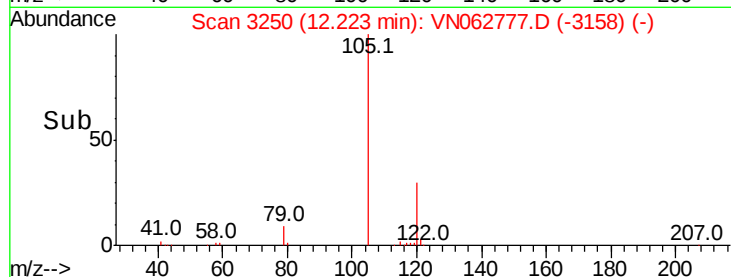
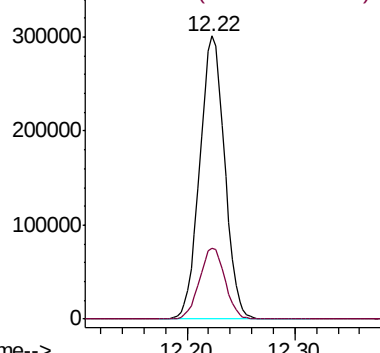
105 100

120 25.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.555 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion: 43 Resp: 193819

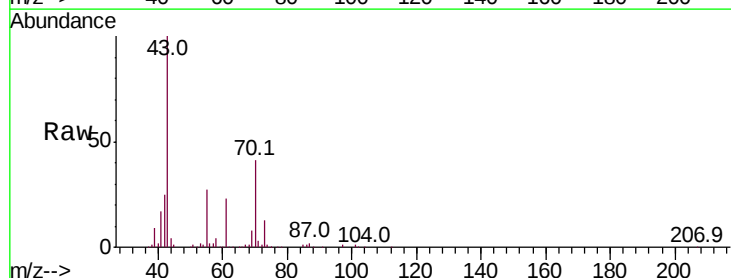
Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 26.8 20.2 30.2

61 23.7 18.2 27.4

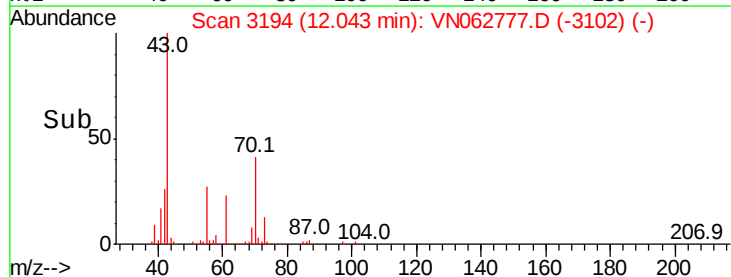
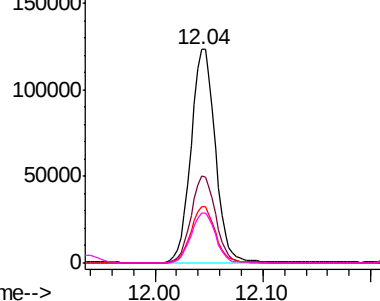


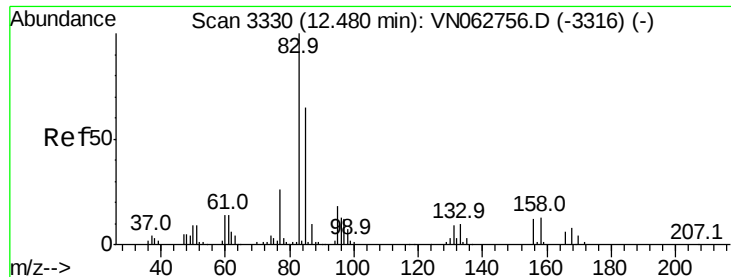
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 44.809 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

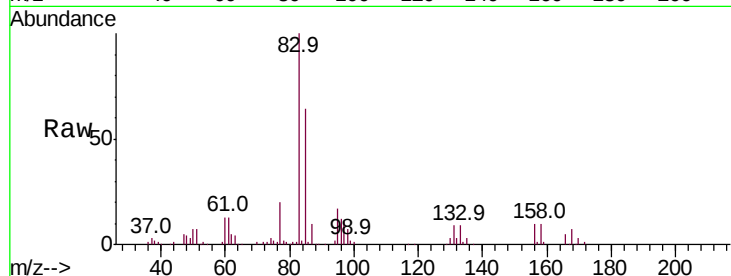
Tot Ion: 83 Resp: 155375

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

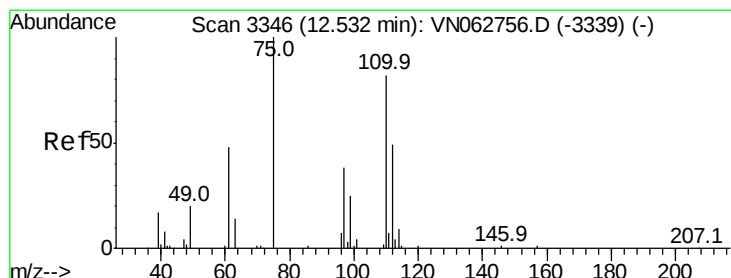
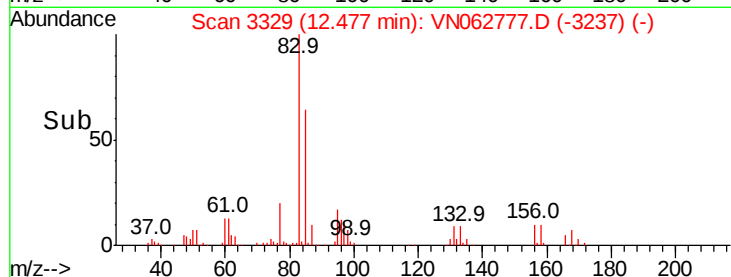
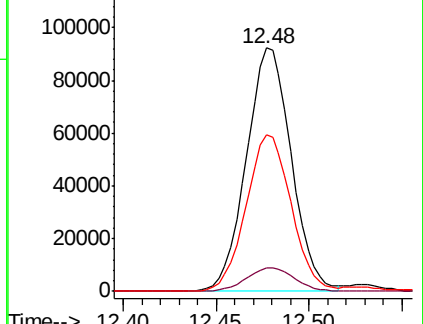
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062777.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062777.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062777.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 59.026 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062777.D

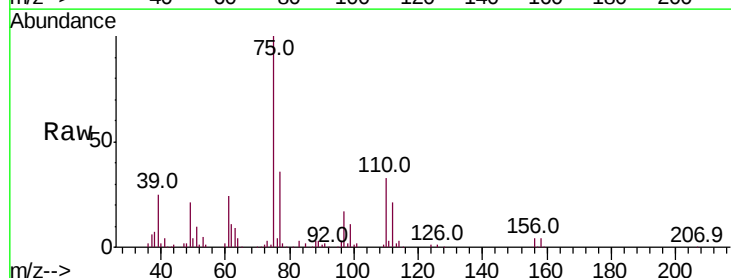
Acq: 7 Aug 2020 9:57

Tgt Ion: 75 Resp: 208236

Ion Ratio Lower Upper

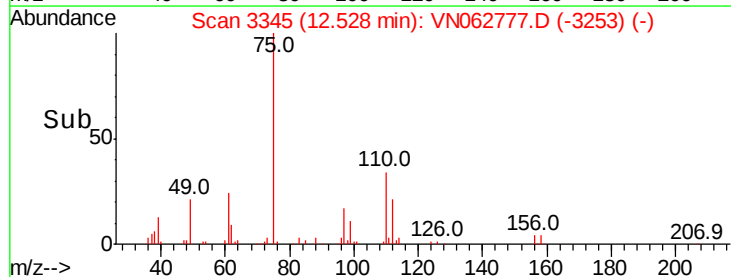
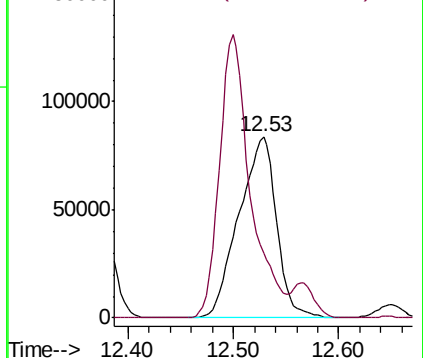
75 100

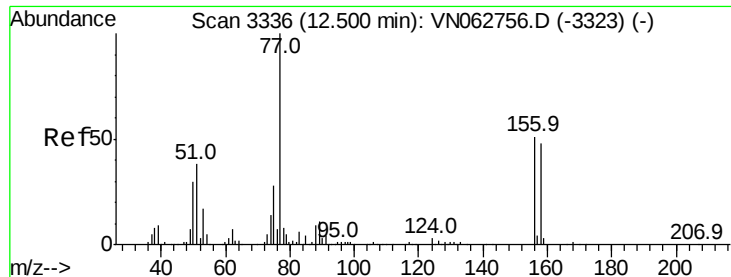
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062777.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062777.D (-3253) (-)





#77

Bromobenzene

Concen: 47.389 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

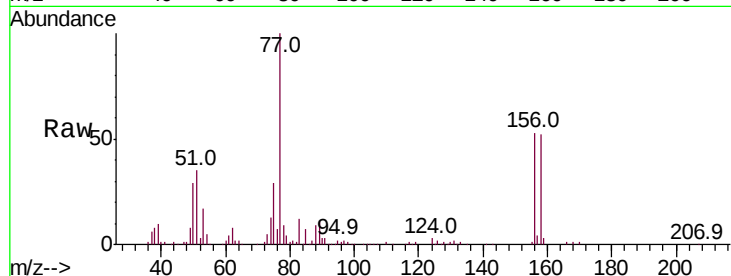
Tot Ion:156 Resp: 115983

Ion Ratio Lower Upper

156 100

77 229.4 119.7 359.1

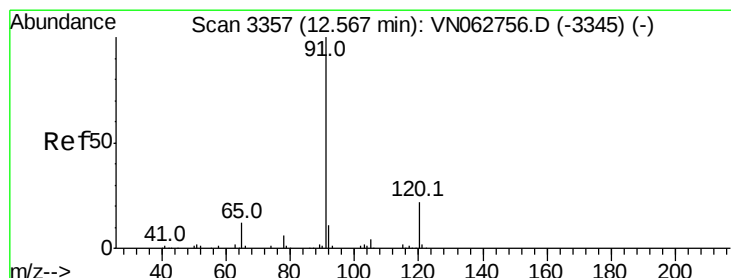
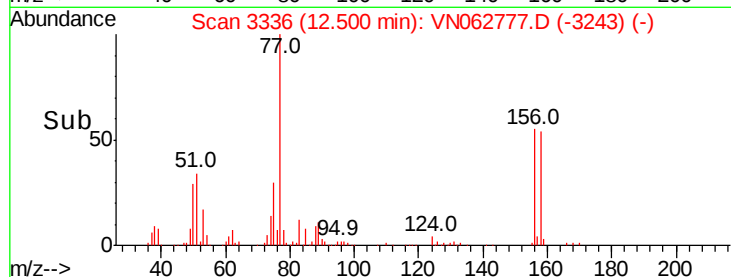
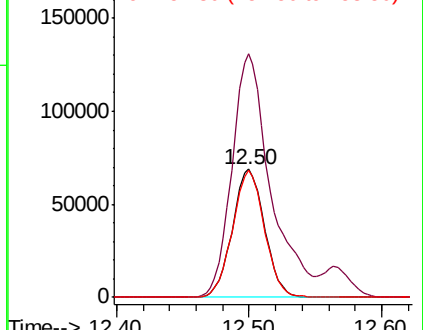
158 98.1 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.596 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062777.D

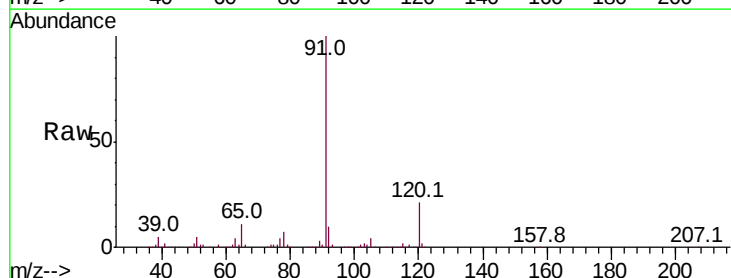
Acq: 7 Aug 2020 9:57

Tgt Ion: 91 Resp: 585023

Ion Ratio Lower Upper

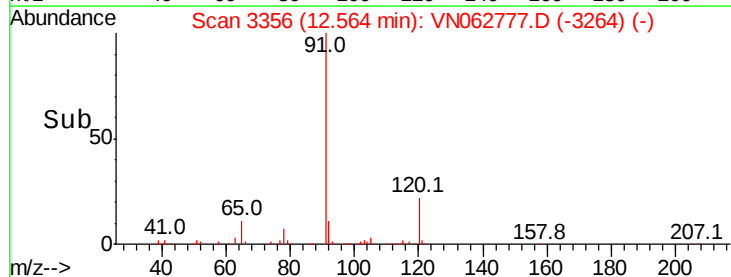
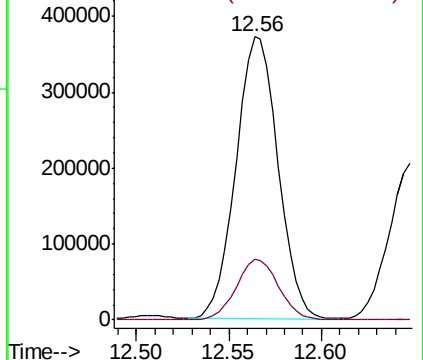
91 100

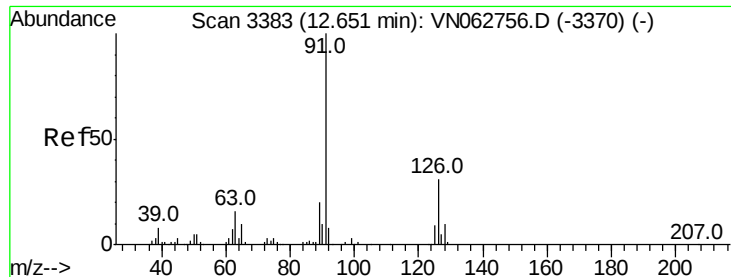
120 21.7 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.265 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

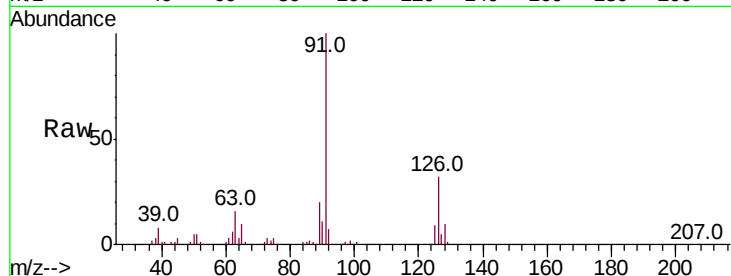
VSTDCCC050

Tot Ion: 91 Resp: 342709

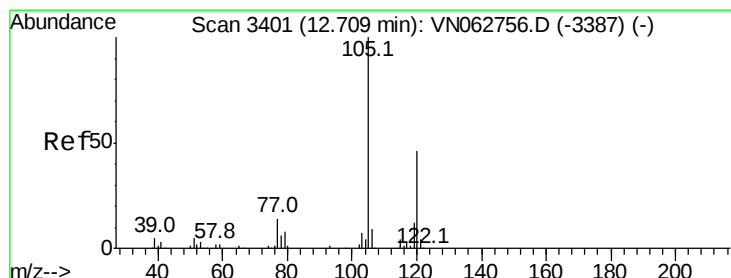
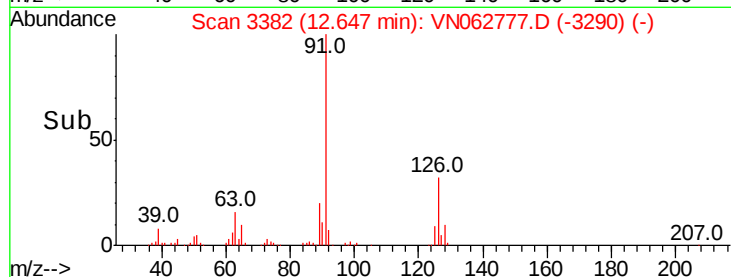
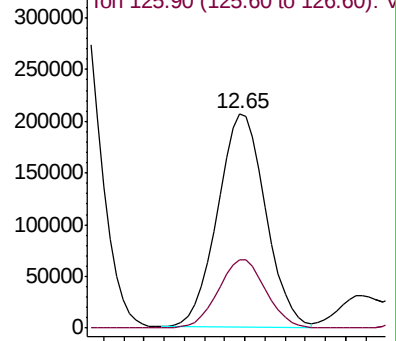
Ion Ratio Lower Upper

91 100

126 32.2 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.165 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062777.D

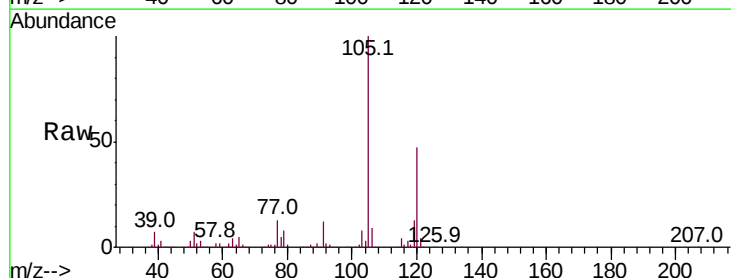
Acq: 7 Aug 2020 9:57

Tgt Ion: 105 Resp: 428682

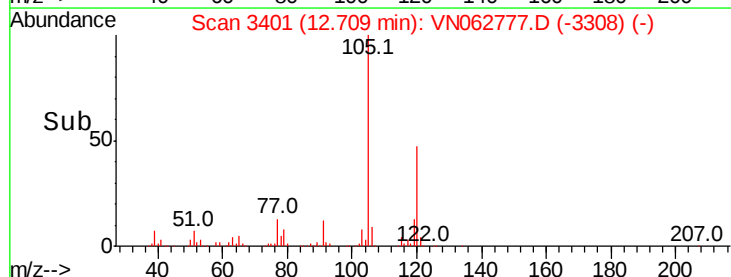
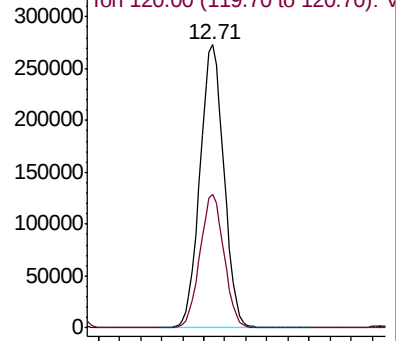
Ion Ratio Lower Upper

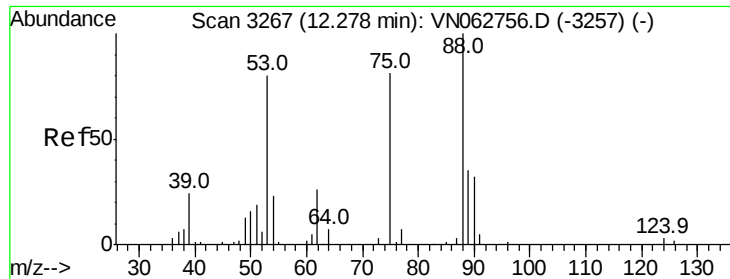
105 100

120 47.3 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.053 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

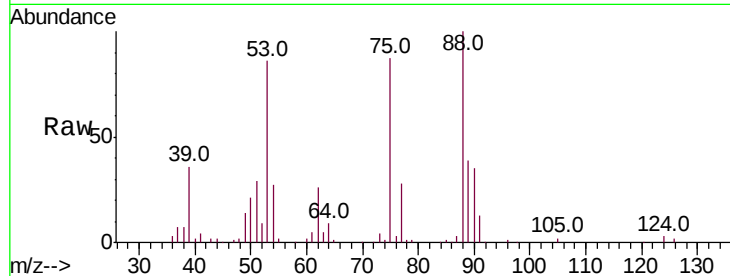
Tot Ion: 75 Resp: 54377

Ion Ratio Lower Upper

75 100

53 100.1 79.1 118.7

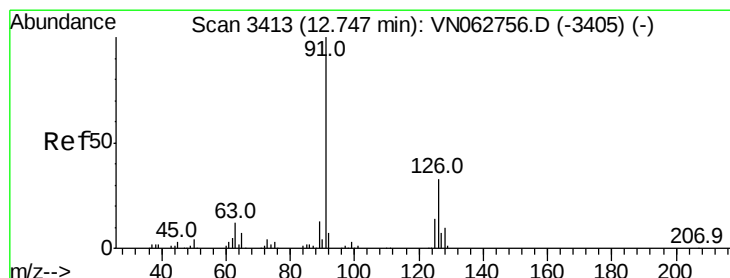
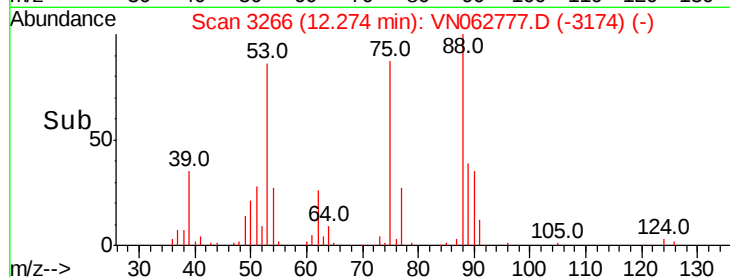
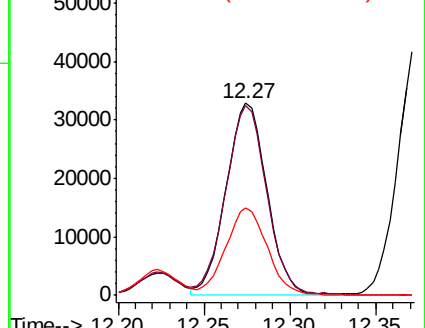
89 46.4 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN062756.D (-3257) (-)

Ion 53.00 (52.70 to 53.70): VN062756.D (-3257) (-)

Ion 88.90 (88.60 to 89.60): VN062756.D (-3257) (-)



#82

4-Chlorotoluene

Concen: 48.881 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062777.D

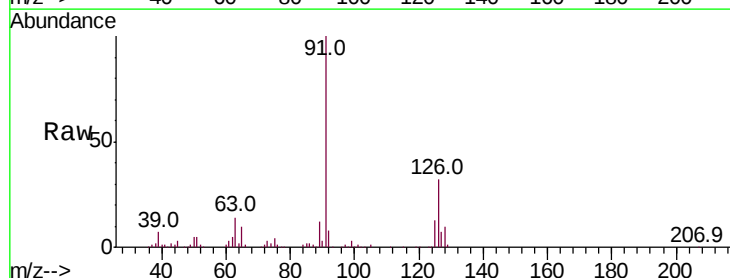
Acq: 7 Aug 2020 9:57

Tgt Ion: 91 Resp: 365248

Ion Ratio Lower Upper

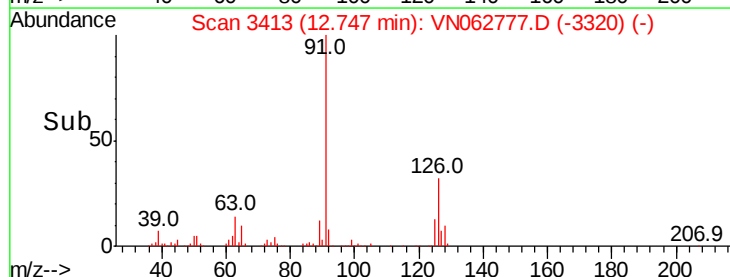
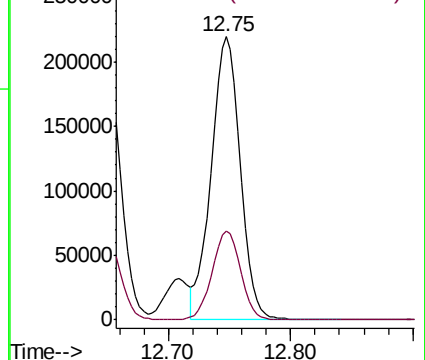
91 100

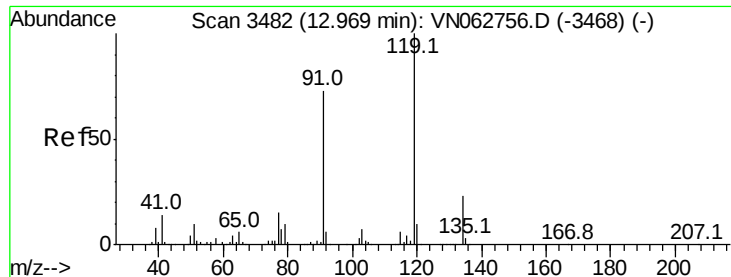
126 30.8 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3405) (-)

Ion 125.90 (125.60 to 126.60): VN062756.D (-3405) (-)





#83

tert-Butylbenzene

Concen: 48.558 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

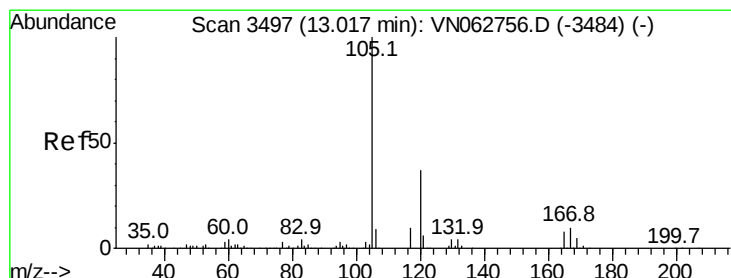
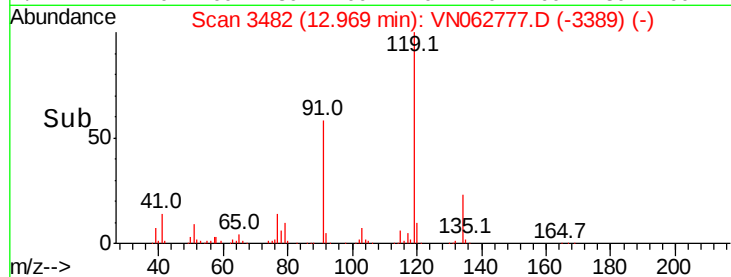
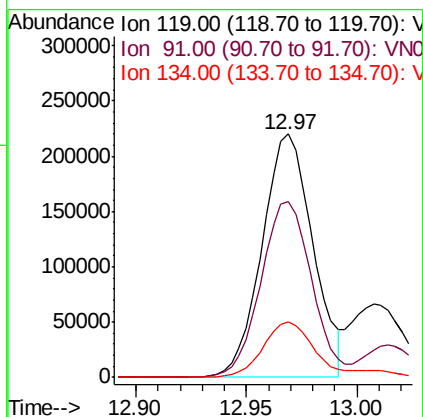
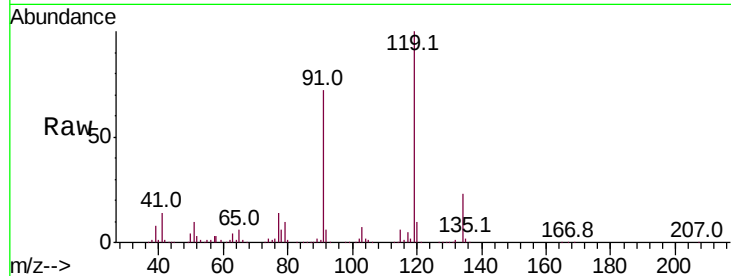
Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 351120

Ion	Ratio	Lower	Upper
119	100		
91	72.0	36.5	109.5
134	22.8	11.3	33.8



#84

1,2,4-Trimethylbenzene

Concen: 52.185 ug/l

RT: 13.01 min Scan# 3496

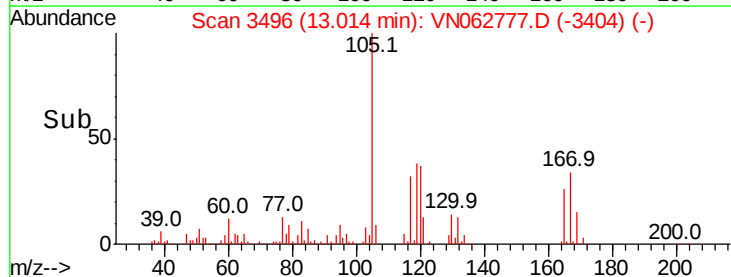
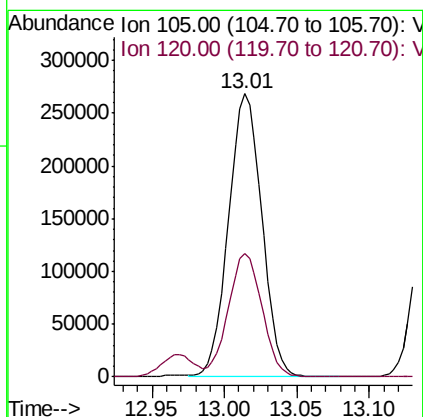
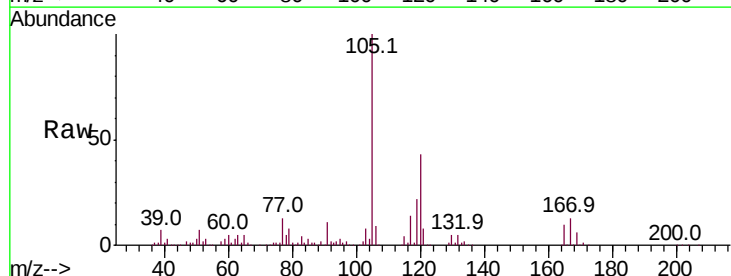
Delta R.T. -0.00 min

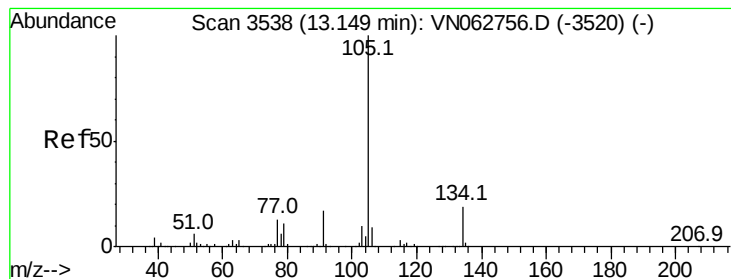
Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion:105 Resp: 426628

Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.4	64.2





#85

sec-Butylbenzene

Concen: 51.096 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

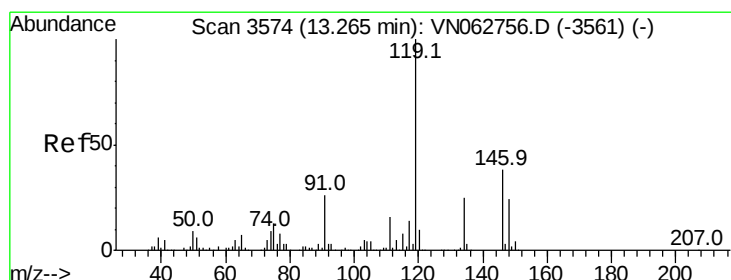
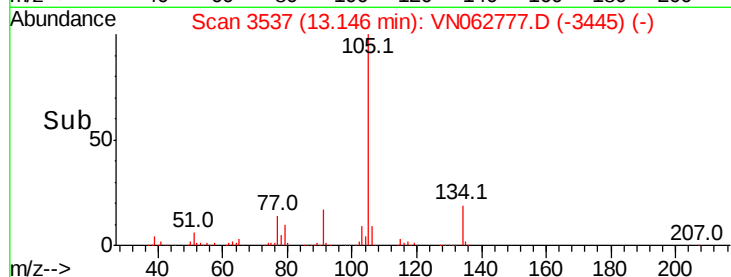
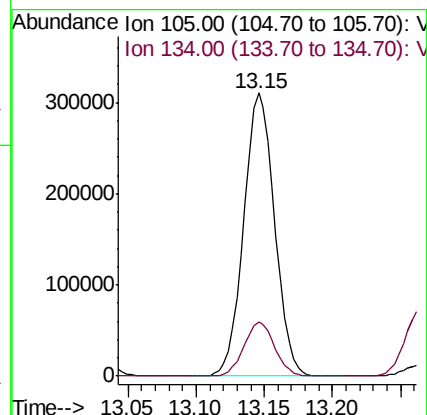
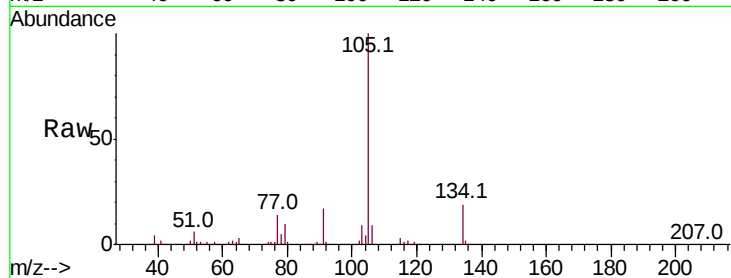
VSTDCCC050

Tot Ion:105 Resp: 485189

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.6



#86

p-Isopropyltoluene

Concen: 52.839 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

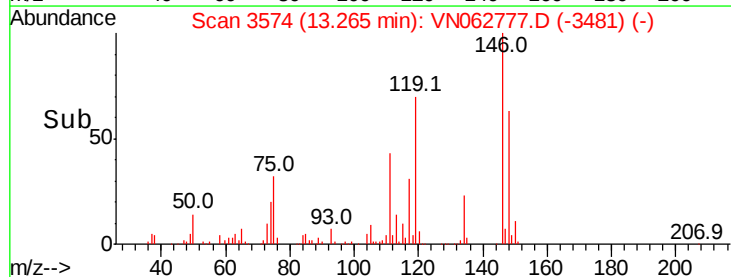
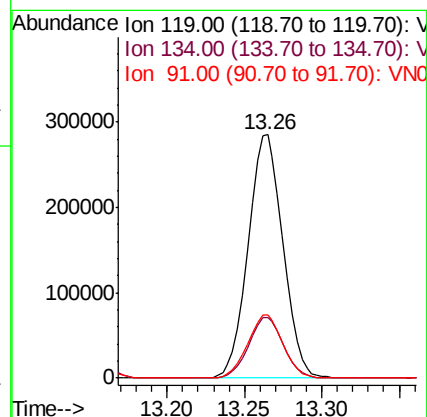
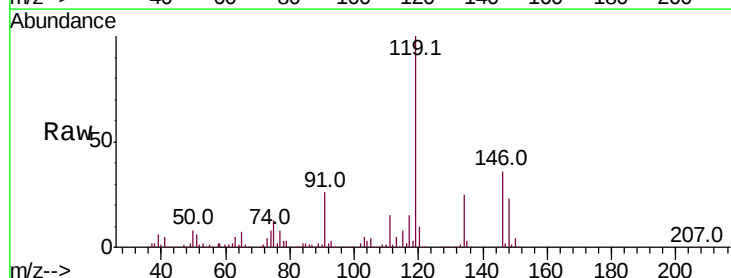
Tgt Ion:119 Resp: 445365

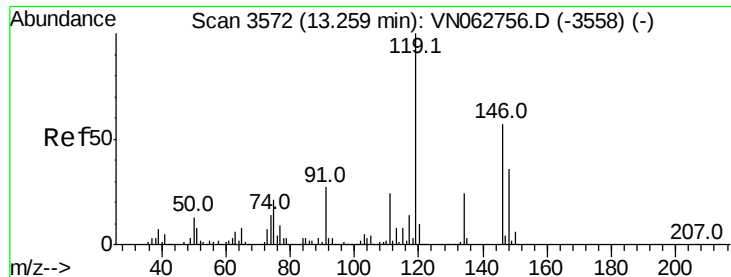
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 26.3 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 49.567 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

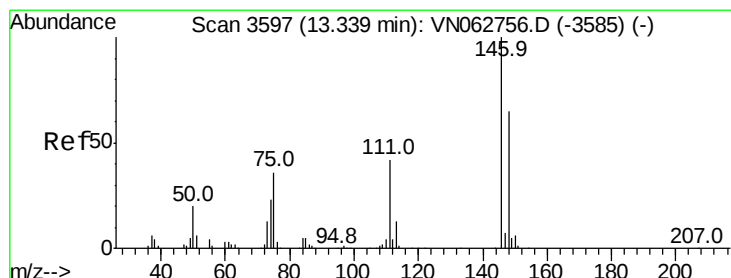
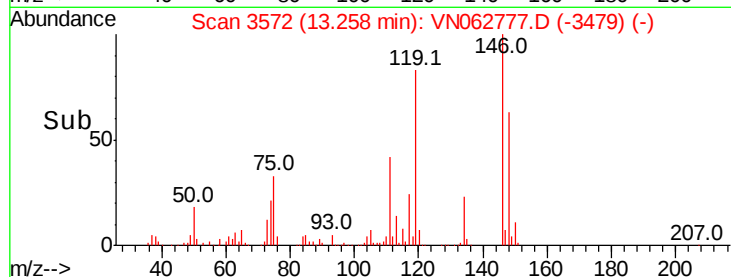
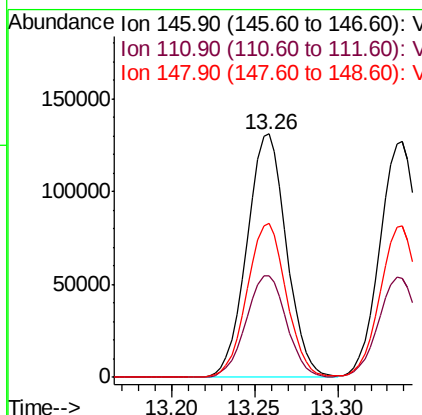
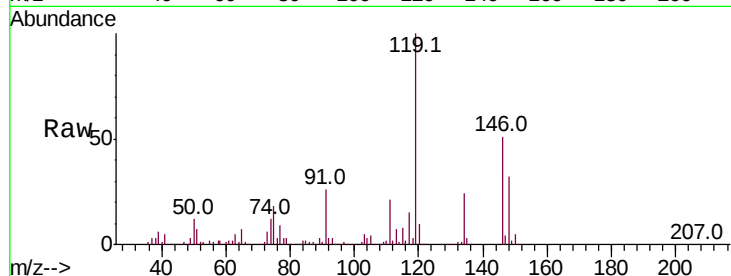
Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 216722

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.7	65.1
148	63.1	31.4	94.2



#88

1,4-Dichlorobenzene

Concen: 48.513 ug/l

RT: 13.34 min Scan# 3597

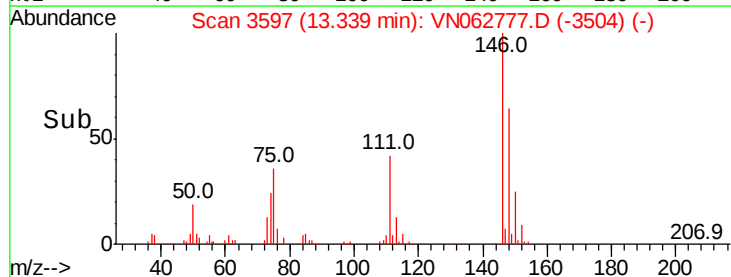
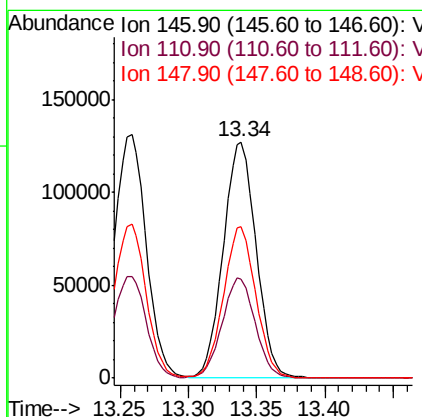
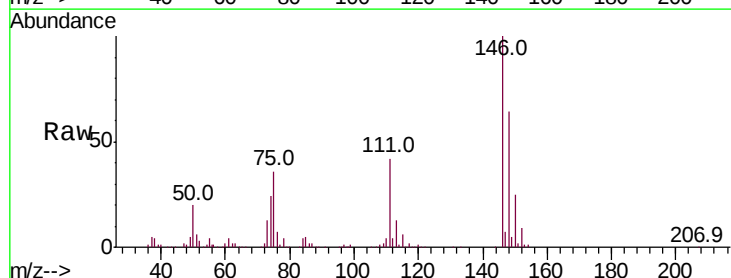
Delta R.T. -0.00 min

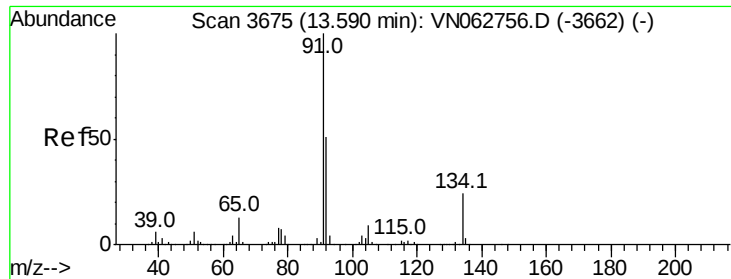
Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion:146 Resp: 212748

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	64.6
148	62.9	32.6	97.8

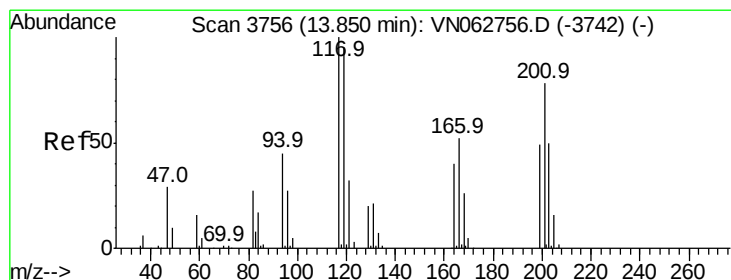
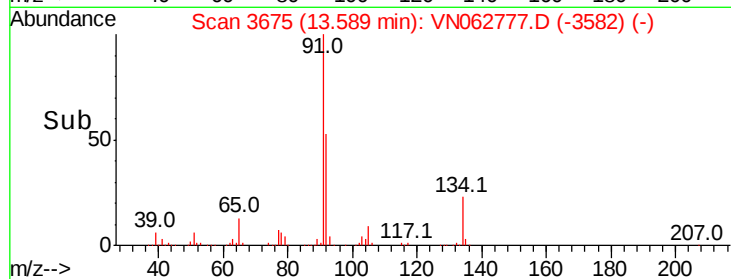
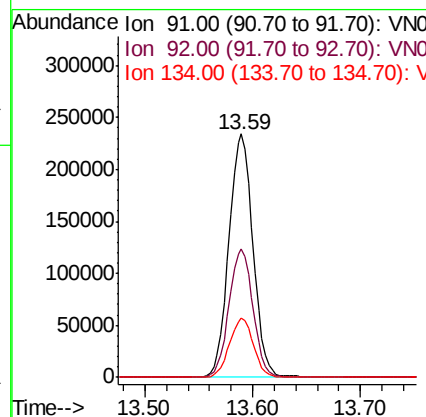
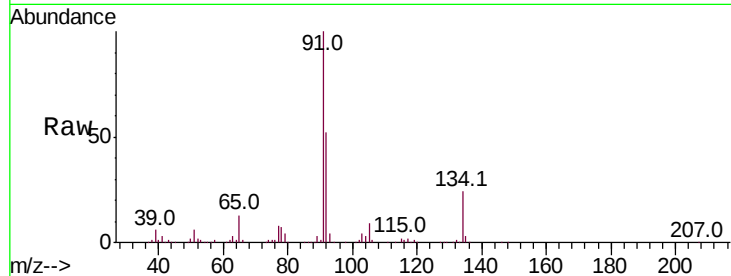




#89
n-Butylbenzene
Concen: 51.154 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

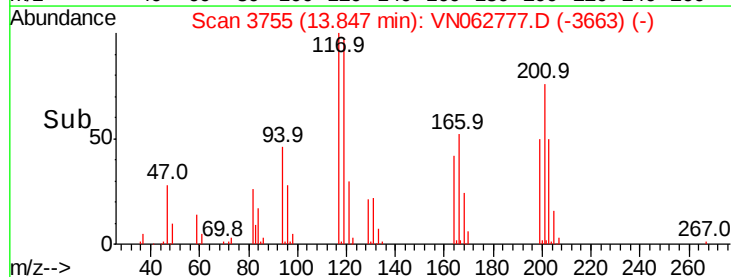
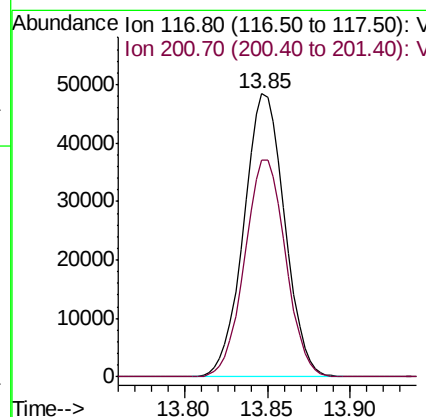
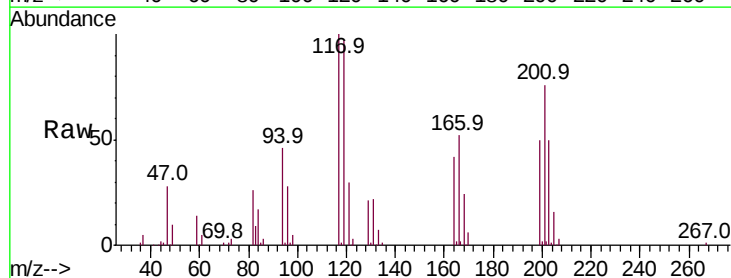
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

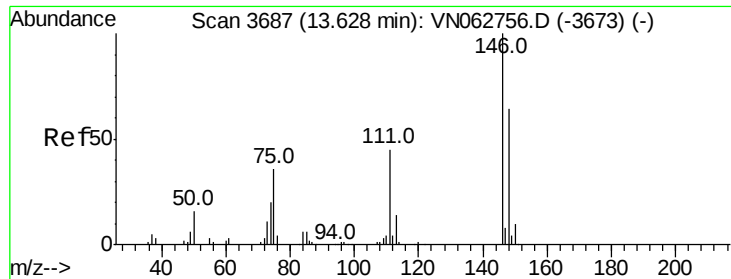
Tot Ion: 91 Resp: 364655
Ion Ratio Lower Upper
91 100
92 52.5 25.7 77.0
134 24.2 12.2 36.6



#90
Hexachloroethane
Concen: 45.730 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion: 117 Resp: 83083
Ion Ratio Lower Upper
117 100
201 76.6 39.2 117.6

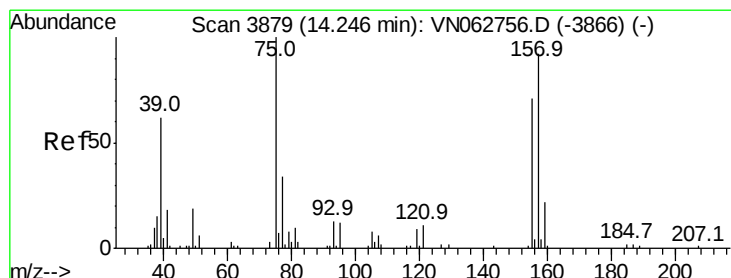
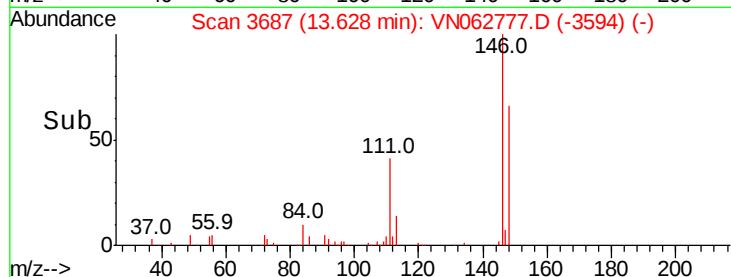
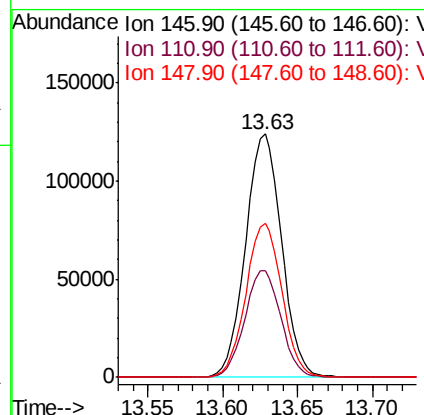
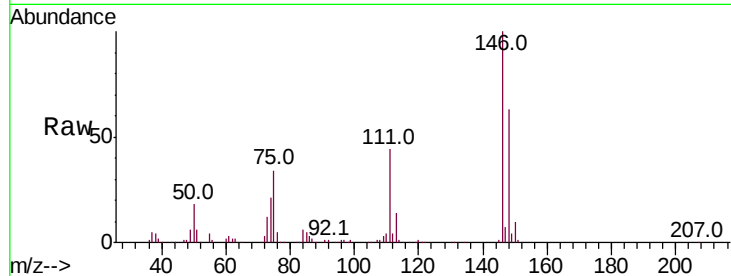




#91
 1,2-Dichlorobenzene
 Concen: 50.919 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

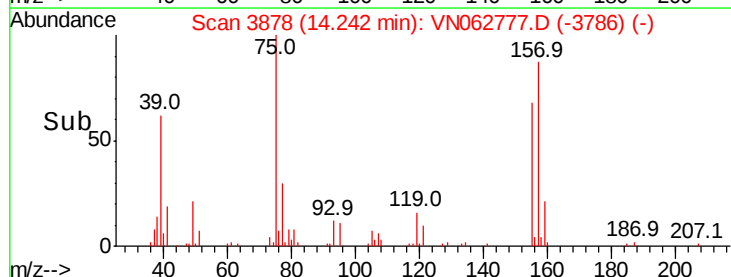
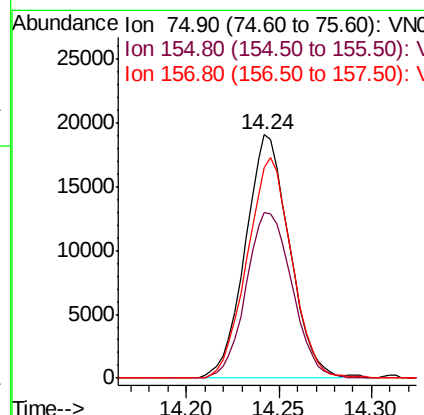
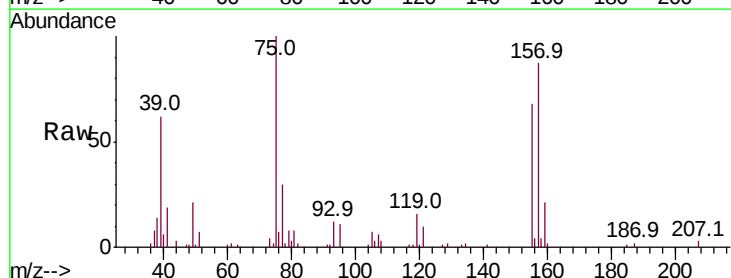
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

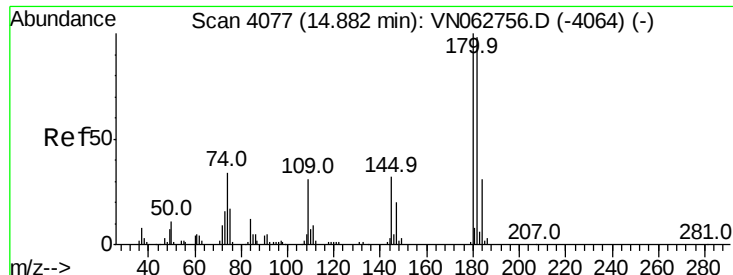
Tot Ion:146 Resp: 208724
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.8 68.4
 148 63.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.337 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion: 75 Resp: 31517
 Ion Ratio Lower Upper
 75 100
 155 70.8 35.0 105.1
 157 91.4 43.2 129.6

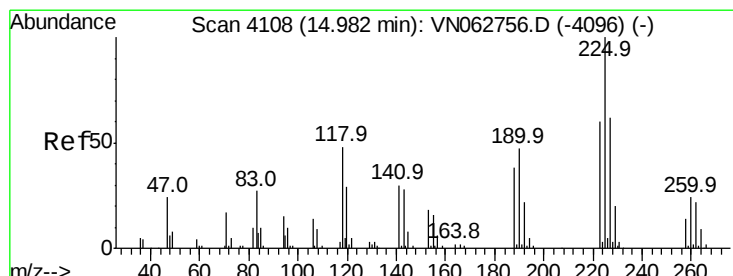
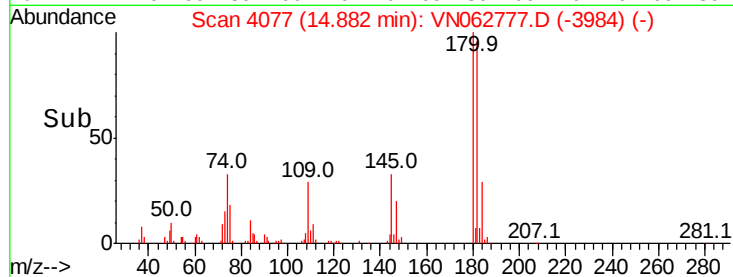
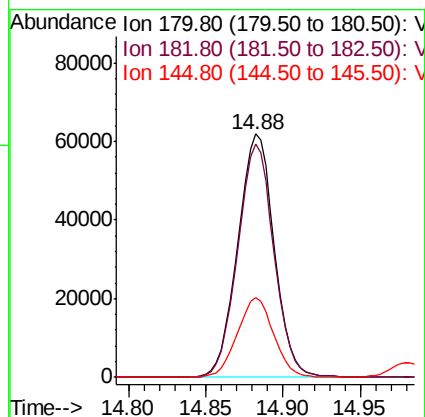
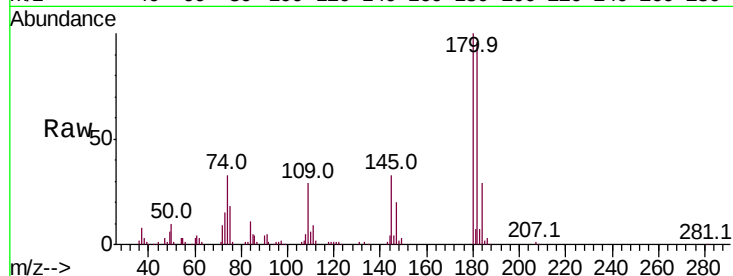




#93
 1,2,4-Trichlorobenzene
 Concen: 46.173 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

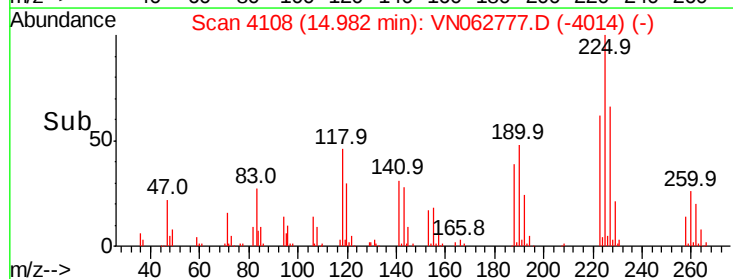
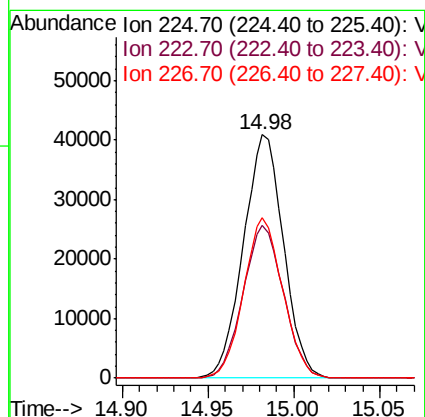
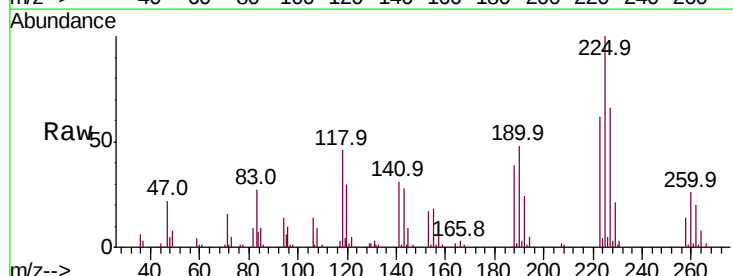
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

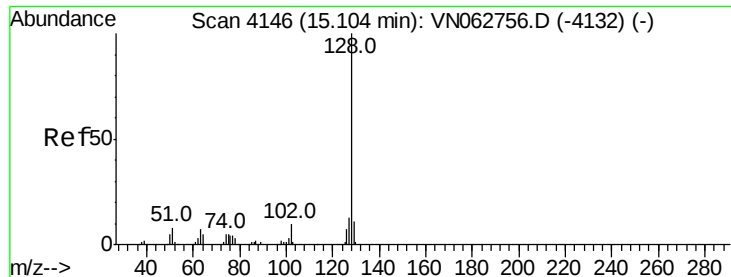
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	49.1	147.4
145	32.6	16.3	48.8



#94
 Hexachlorobutadiene
 Concen: 51.327 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.6	92.0
227	64.0	31.6	95.0

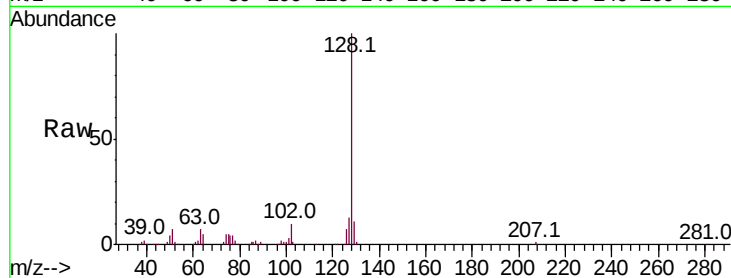




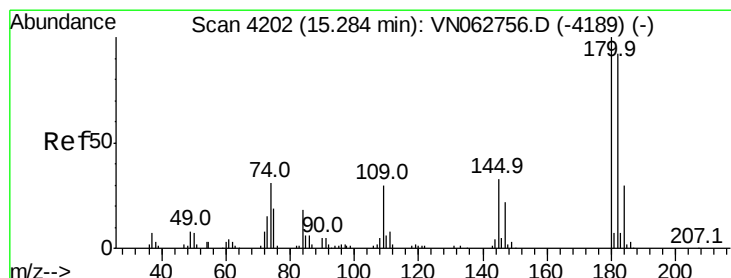
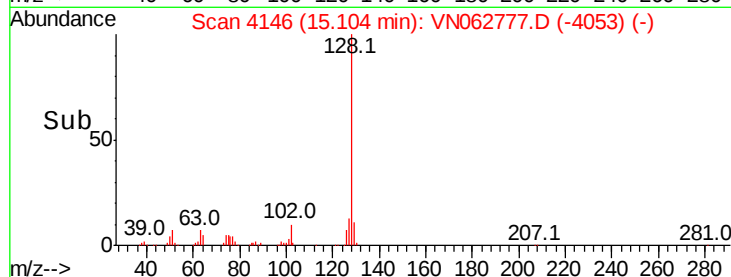
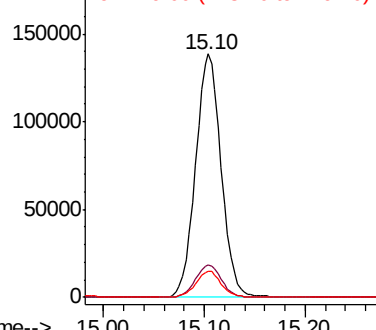
#95
Naphthalene
Concen: 41.527 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 245642
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.5 8.8 13.2

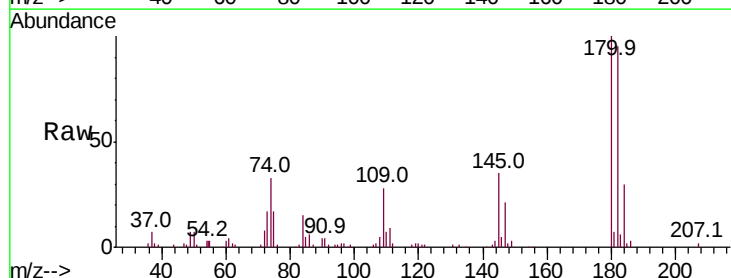


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 46.713 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion:180 Resp: 100945
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 34.9 17.3 51.7



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

