

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
 Data File : VN062759.D
 Acq On : 5 Aug 2020 14:00
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Aug 06 06:29:47 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	161563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	136965	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.55	113	93245	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	10.06	98	369141	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.38	95	138335	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	127432	55.082	ug/l	99
3) Chloromethane	2.03	50	111936	51.272	ug/l	99
4) Vinyl Chloride	2.16	62	108620	53.046	ug/l	100
5) Bromomethane	2.51	94	68369	50.438	ug/l	99
6) Chloroethane	2.66	64	67311	49.967	ug/l	92
7) Trichlorofluoromethane	2.97	101	193262	52.929	ug/l	98
8) Diethyl Ether	3.37	74	53067	50.768	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81531	55.461	ug/l	98
10) Methyl Iodide	3.91	142	90617	51.203	ug/l	99
11) Tert butyl alcohol	4.74	59	99992	228.348	ug/l	100
12) 1,1-Dichloroethene	3.69	96	72733	52.931	ug/l	94
13) Acrolein	3.57	56	63005	237.638	ug/l	99
14) Allyl chloride	4.27	41	141276	49.945	ug/l	99
15) Acrylonitrile	4.93	53	253295	249.393	ug/l	99
16) Acetone	3.77	43	256103	265.281	ug/l	98
17) Carbon Disulfide	4.00	76	206492	52.914	ug/l	97
18) Methyl Acetate	4.28	43	113263	49.595	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	330983	52.877	ug/l	100
20) Methylene Chloride	4.50	84	91163	51.624	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	80420	49.741	ug/l	95
22) Diisopropyl ether	5.90	45	321307	53.360	ug/l	99
23) Vinyl Acetate	5.84	43	1147340	250.505	ug/l	99
24) 1,1-Dichloroethane	5.80	63	173281	49.105	ug/l	99
25) 2-Butanone	6.78	43	344065	251.637	ug/l	97
26) 2,2-Dichloropropane	6.77	77	168389	51.768	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	98226	50.645	ug/l	99
28) Bromochloromethane	7.15	49	85302	50.087	ug/l	99
29) Tetrahydrofuran	7.17	42	221780	249.670	ug/l	99
30) Chloroform	7.33	83	183933	49.047	ug/l	98
31) Cyclohexane	7.61	56	167489	51.706	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	166413	49.632	ug/l	98
36) 1,1-Dichloropropene	7.75	75	128906	50.815	ug/l	99
37) Ethyl Acetate	6.88	43	127843	48.244	ug/l	99
38) Carbon Tetrachloride	7.73	117	145567	48.518	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	166157	54.426	ug/l	99
40) Benzene	8.00	78	371523	49.080	ug/l	98
41) Methacrylonitrile	7.12	41	62560	52.318	ug/l #	67
42) 1,2-Dichloroethane	8.09	62	159150	49.397	ug/l	99
43) Isopropyl Acetate	8.13	43	217609	49.233	ug/l	99
44) Trichloroethene	8.80	130	91938	49.851	ug/l	99
45) 1,2-Dichloropropane	9.09	63	103015	50.281	ug/l	97
46) Dibromomethane	9.18	93	67717	50.445	ug/l	99
47) Bromodichloromethane	9.37	83	154776	51.336	ug/l	98
48) Methyl methacrylate	9.17	41	107314	49.362	ug/l	98
49) 1,4-Dioxane	9.17	88	39399	978.043	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	712208	249.042	ug/l	100
52) Toluene	10.12	92	238062	50.936	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	176819	53.318	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	175454	52.694	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	99385	49.789	ug/l	97
56) Ethyl methacrylate	10.40	69	160534	53.430	ug/l	98
57) 1,3-Dichloropropane	10.68	76	171921	50.689	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	248646	292.771	ug/l	99
59) 2-Hexanone	10.72	43	540069	253.169	ug/l	100
60) Dibromochloromethane	10.87	129	116664	51.215	ug/l	100
61) 1,2-Dibromoethane	10.98	107	101965	51.767	ug/l	97
64) Tetrachloroethene	10.60	164	78321	48.963	ug/l	98
65) Chlorobenzene	11.41	112	258006	49.784	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	105502	50.694	ug/l	98
67) Ethyl Benzene	11.48	91	487699	52.588	ug/l	98
68) m/p-Xylenes	11.60	106	358834	106.591	ug/l	99
69) o-Xylene	11.92	106	174569	55.334	ug/l	96
70) Styrene	11.94	104	303551	54.739	ug/l	99
71) Bromoform	12.10	173	82982	48.733	ug/l #	99
73) Isopropylbenzene	12.22	105	486591	52.158	ug/l	100
74) N-amyl acetate	12.05	43	199749	52.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	151348	46.085	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	211890	63.415	ug/l #	100
77) Bromobenzene	12.50	156	112636	48.591	ug/l	98
78) n-propylbenzene	12.57	91	579758	52.941	ug/l	100
79) 2-Chlorotoluene	12.65	91	342706	49.903	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	434659	53.704	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	56967	52.047	ug/l	98
82) 4-Chlorotoluene	12.75	91	365915	51.705	ug/l	100
83) tert-Butylbenzene	12.97	119	357952	52.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	431795	55.766	ug/l	99
85) sec-Butylbenzene	13.15	105	483338	53.743	ug/l	100
86) p-Isopropyltoluene	13.26	119	439926	55.108	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	209915	50.691	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	208665	50.239	ug/l	99
89) n-Butylbenzene	13.59	91	373073	55.257	ug/l	100
90) Hexachloroethane	13.85	117	83367	48.448	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	199726	51.445	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34793	49.348	ug/l	99

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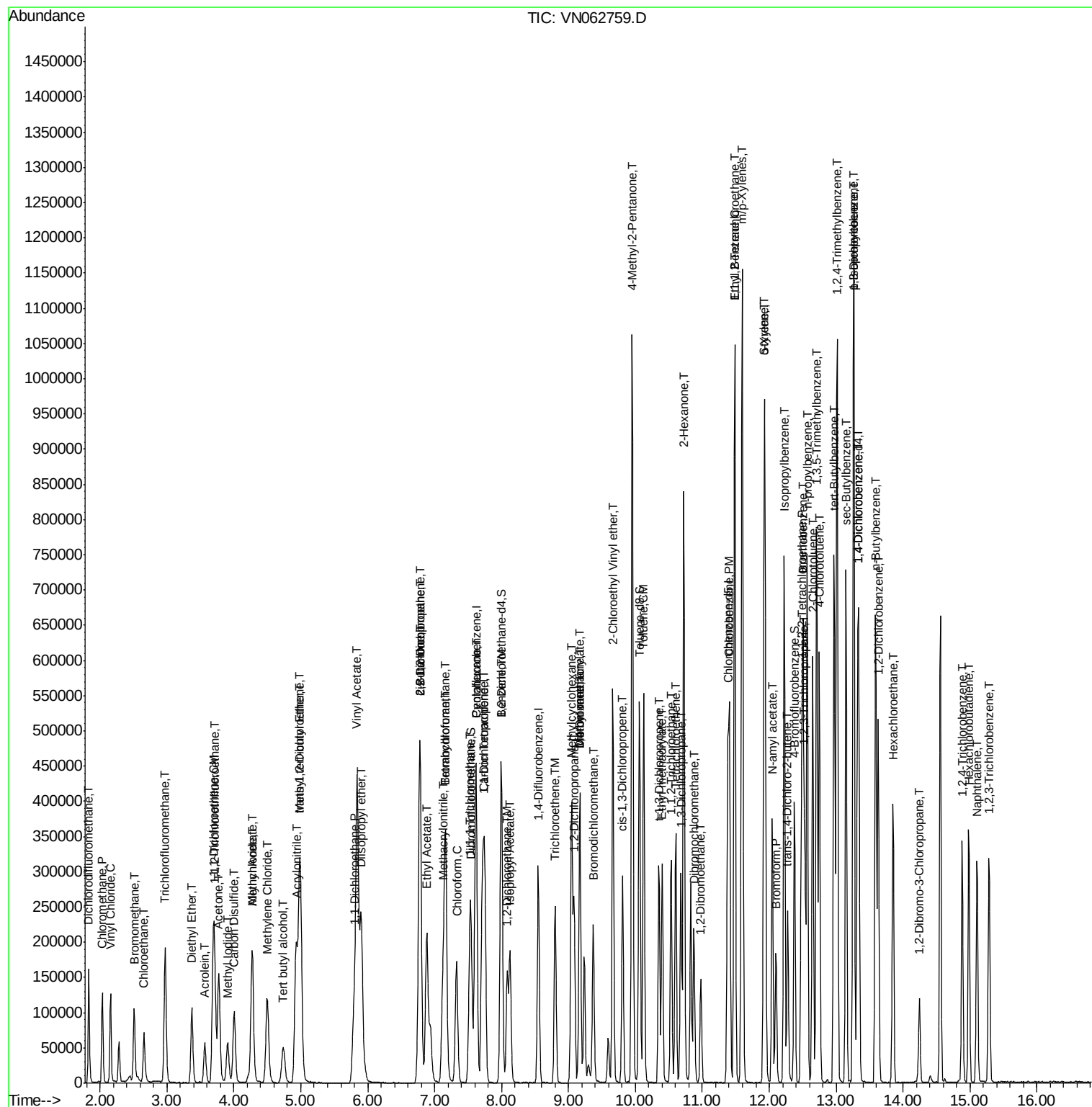
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	102560	49.242	ug/l	98
94) Hexachlorobutadiene	14.98	225	66448	54.517	ug/l	97
95) Naphthalene	15.10	128	264757	46.746	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	103520	50.353	ug/l	100

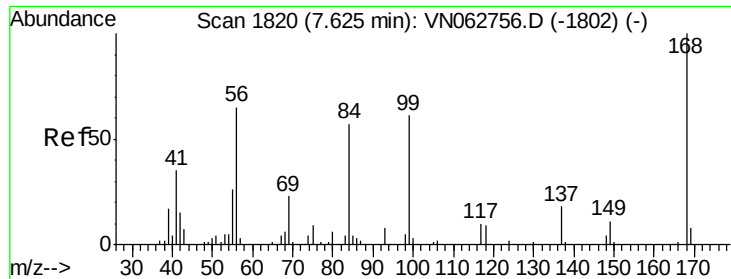
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

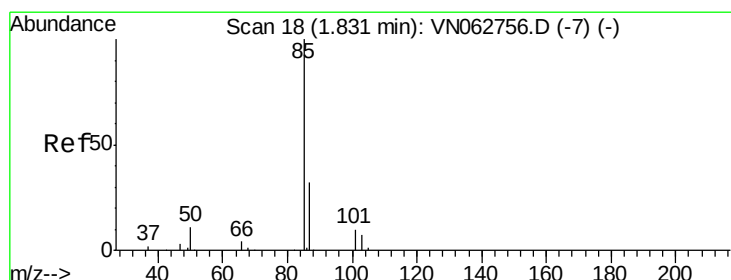
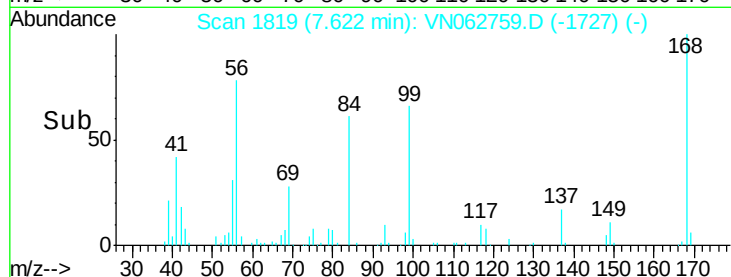
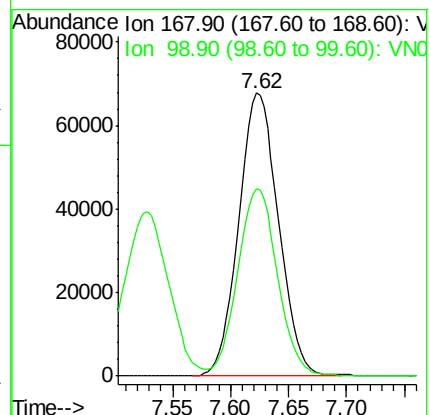
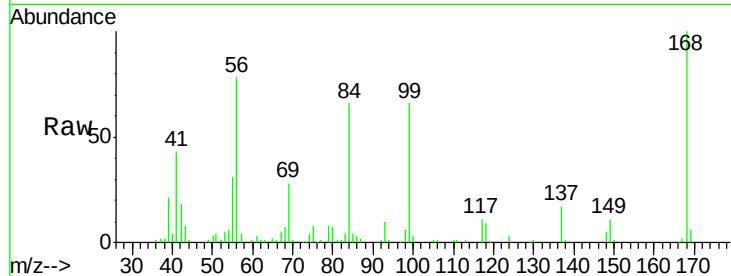
BFB

Tgt Ion:168 Resp: 161563

Ion Ratio Lower Upper

168 100

99 65.7 52.9 79.3



#2

Dichlorodifluoromethane

Concen: 55.082 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062759.D

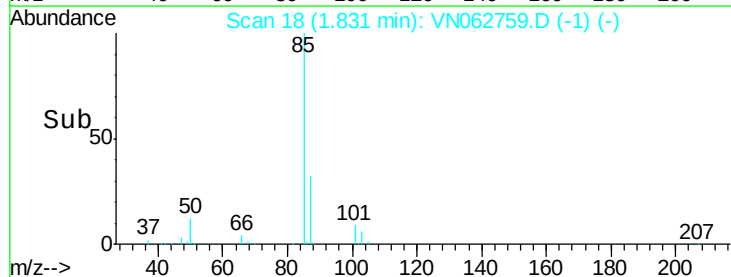
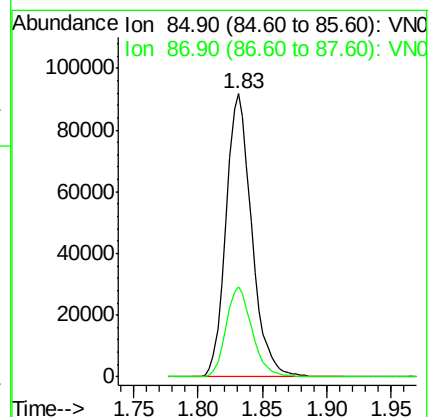
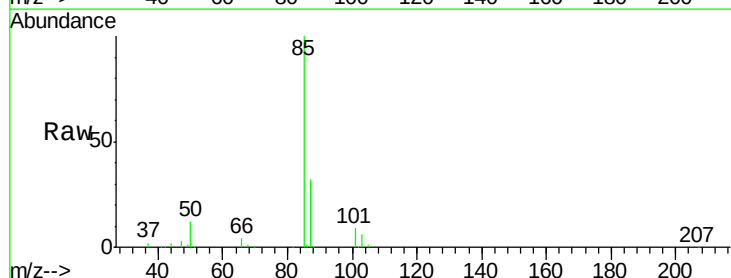
Acq: 5 Aug 2020 14:00

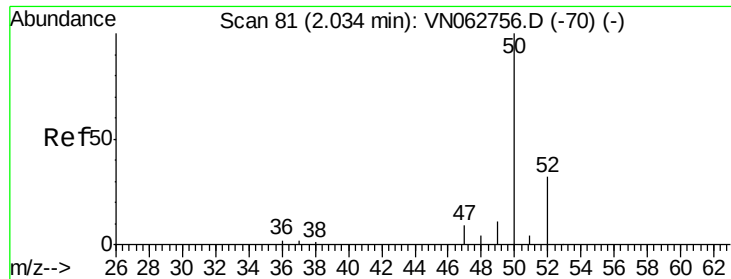
Tgt Ion: 85 Resp: 127432

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.6





#3

Chloromethane

Concen: 51.272 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

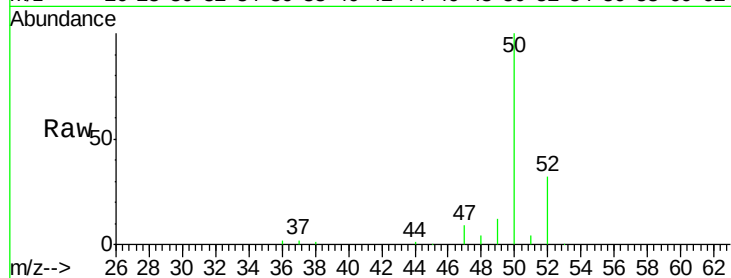
BFB

Tgt Ion: 50 Resp: 111936

Ion Ratio Lower Upper

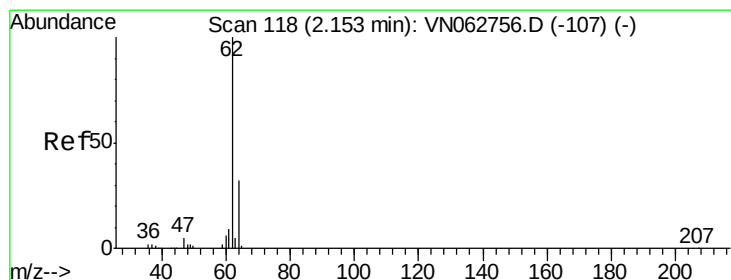
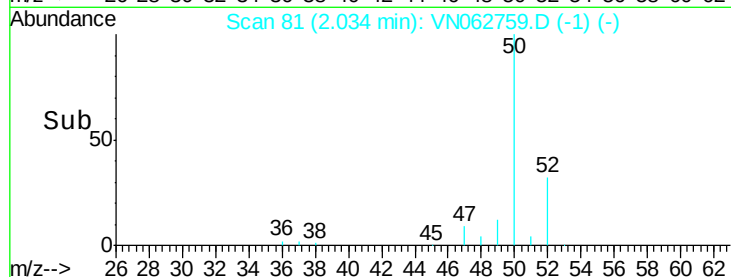
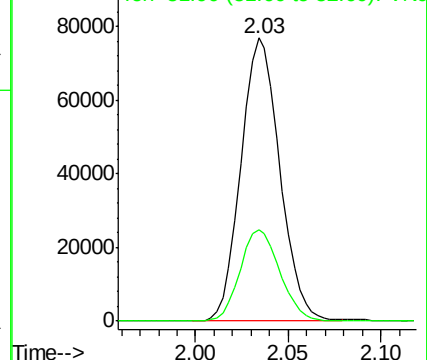
50 100

52 32.5 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 53.046 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062759.D

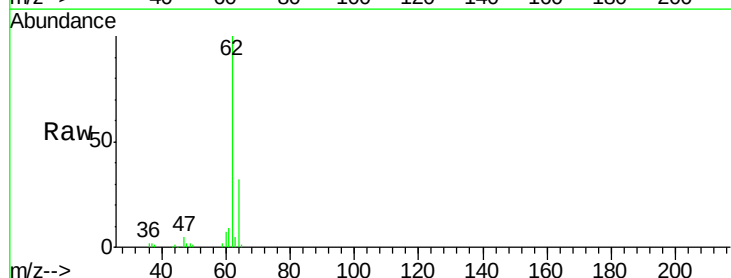
Acq: 5 Aug 2020 14:00

Tgt Ion: 62 Resp: 108620

Ion Ratio Lower Upper

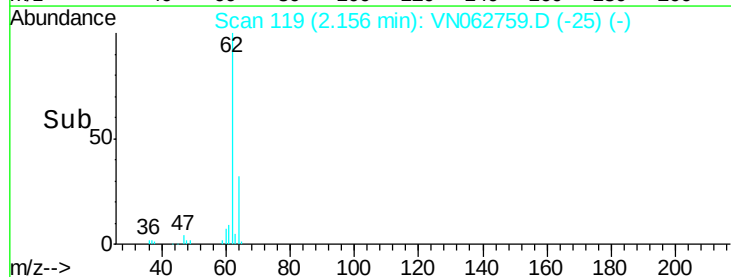
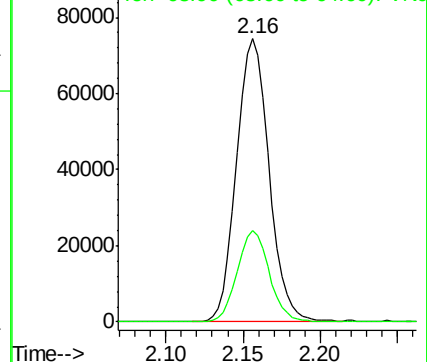
62 100

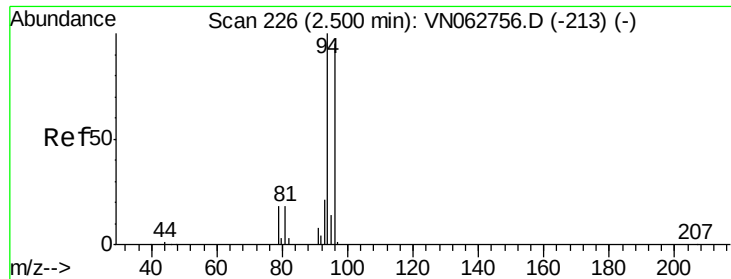
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 50.438 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.01 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

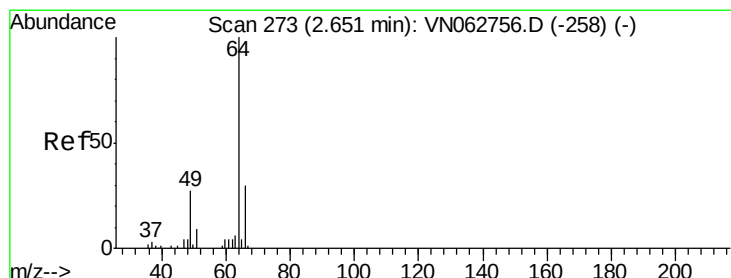
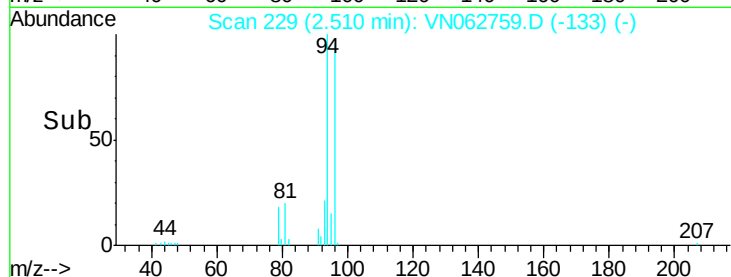
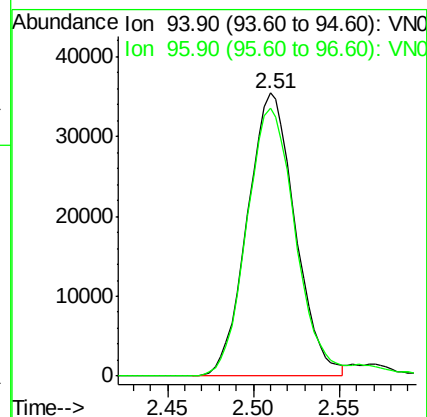
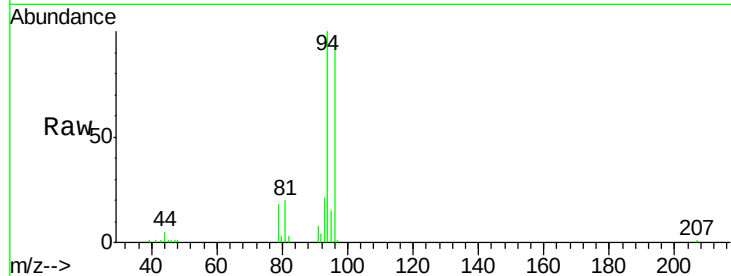
BFB

Tgt Ion: 94 Resp: 68369

Ion Ratio Lower Upper

94 100

96 94.7 76.2 114.4



#6

Chloroethane

Concen: 49.967 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062759.D

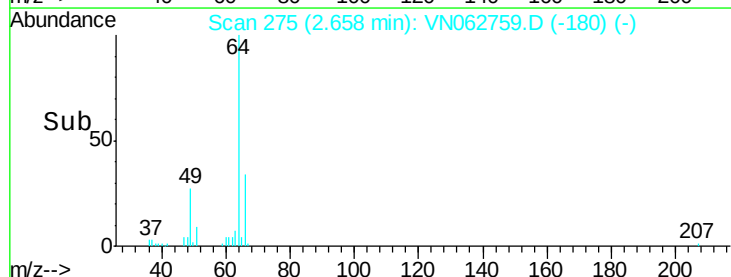
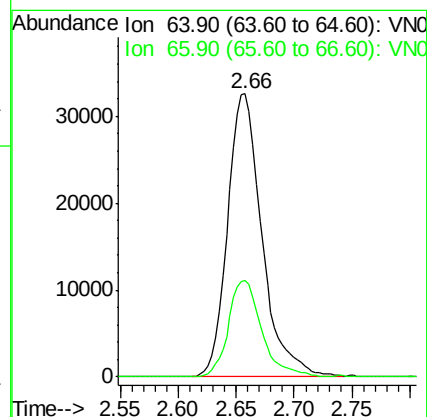
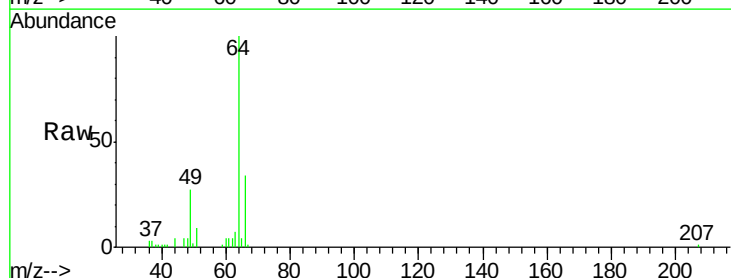
Acq: 5 Aug 2020 14:00

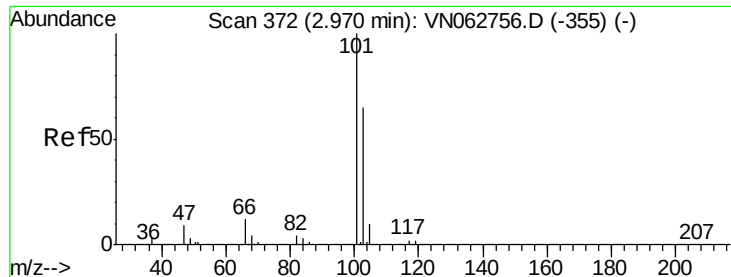
Tgt Ion: 64 Resp: 67311

Ion Ratio Lower Upper

64 100

66 34.3 24.0 36.0



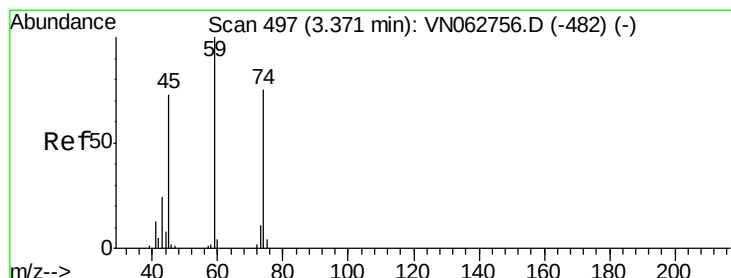
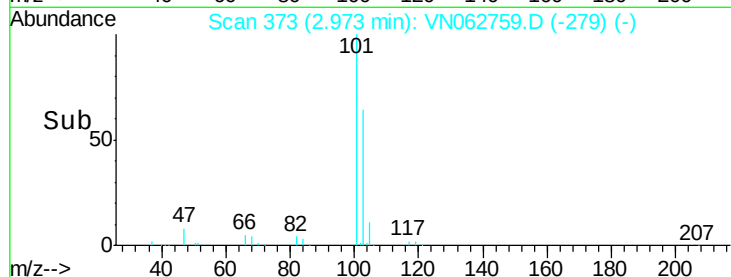
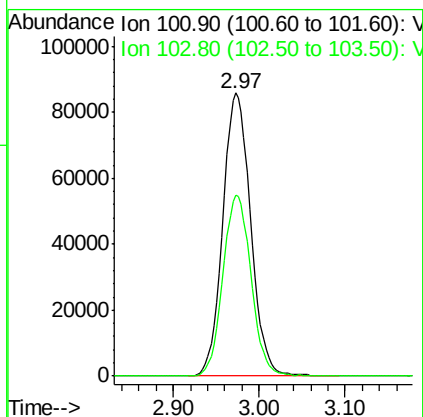
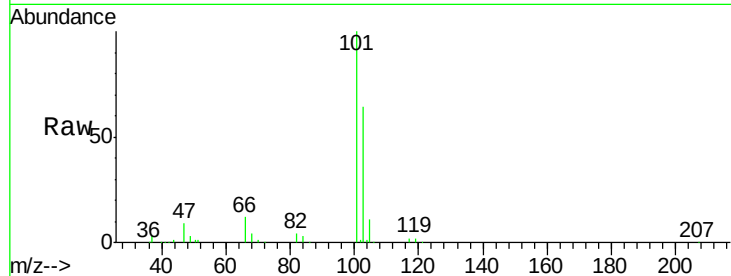


#7

Trichlorofluoromethane
 Concen: 52.929 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Instrument :
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 BFB

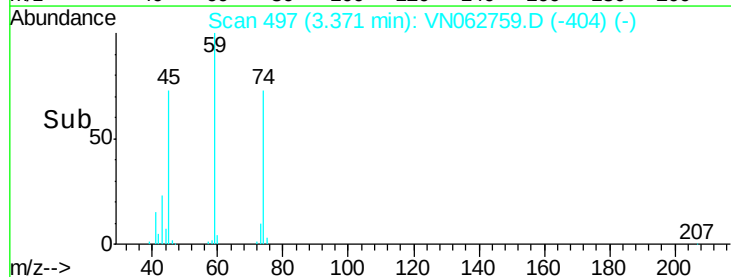
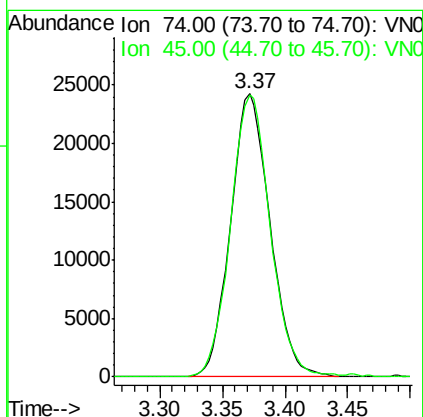
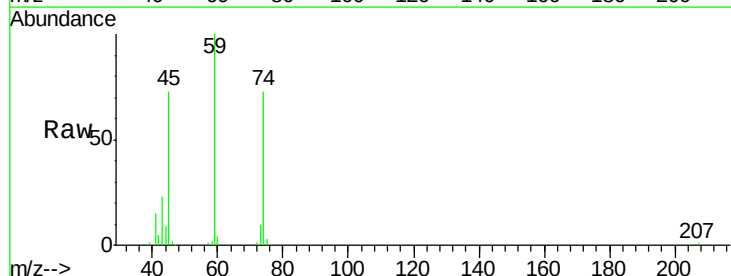
Tgt Ion:101 Resp: 193262
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

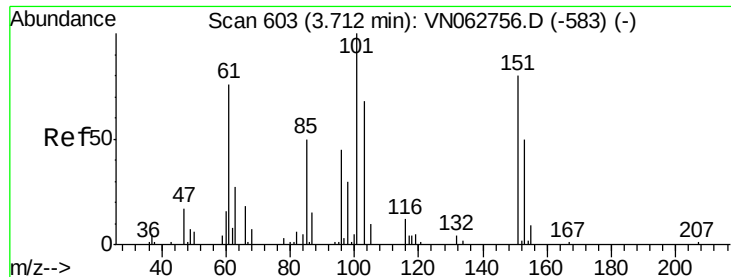


#8

Diethyl Ether
 Concen: 50.768 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion: 74 Resp: 53067
 Ion Ratio Lower Upper
 74 100
 45 100.4 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.461 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

BFB

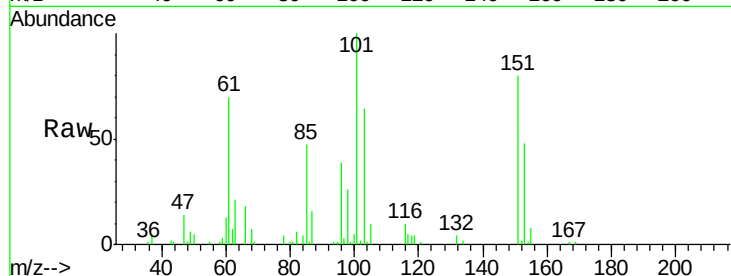
Tgt Ion:101 Resp: 81531

Ion Ratio Lower Upper

101 100

85 46.2 38.5 57.7

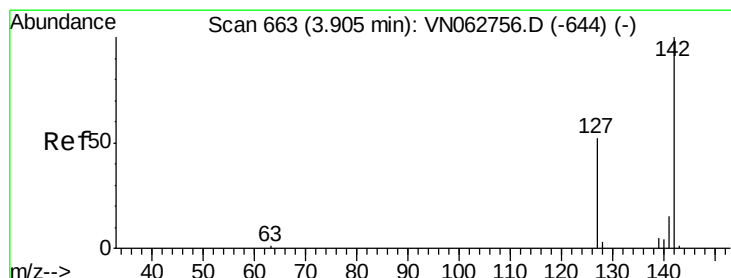
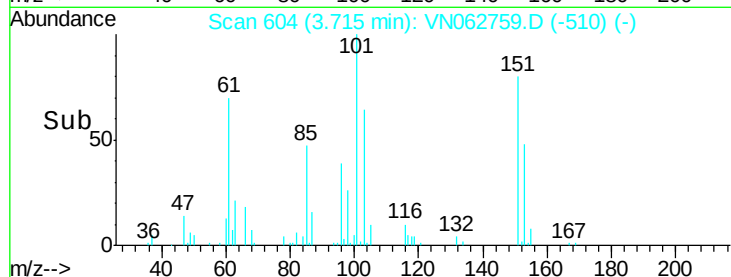
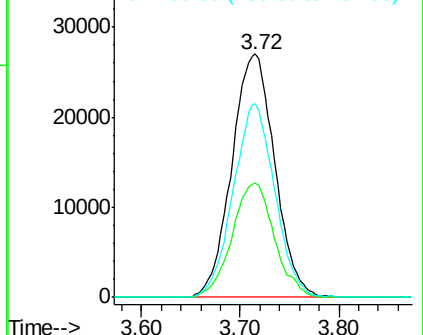
151 77.0 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.203 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

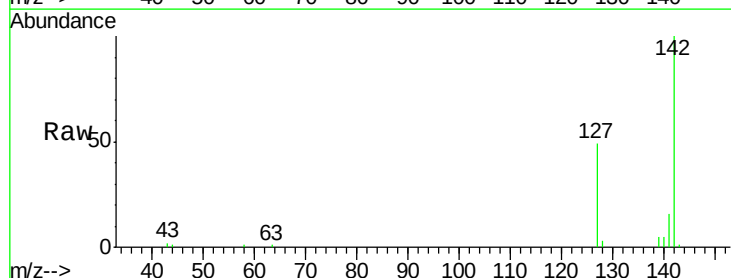
Tgt Ion:142 Resp: 90617

Ion Ratio Lower Upper

142 100

127 50.9 41.4 62.0

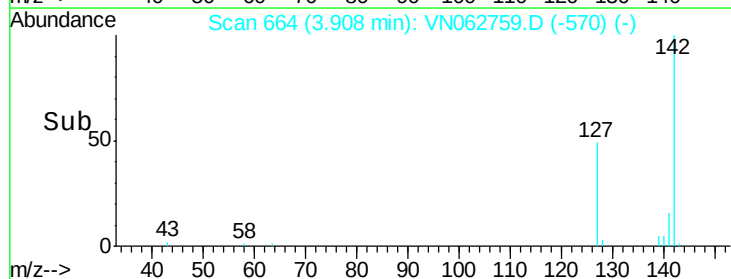
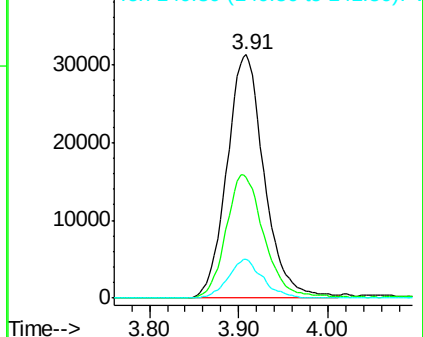
141 14.6 12.2 18.4

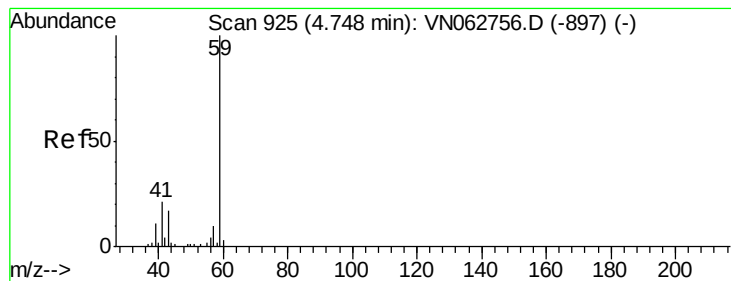


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



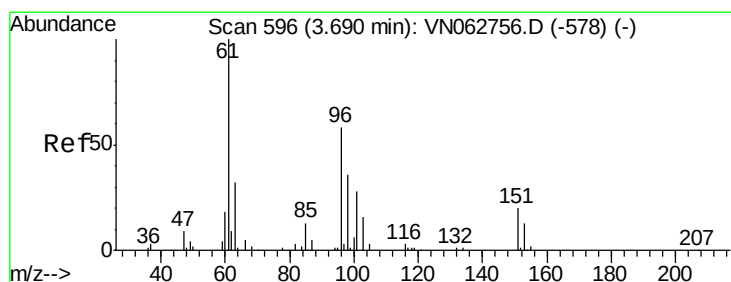
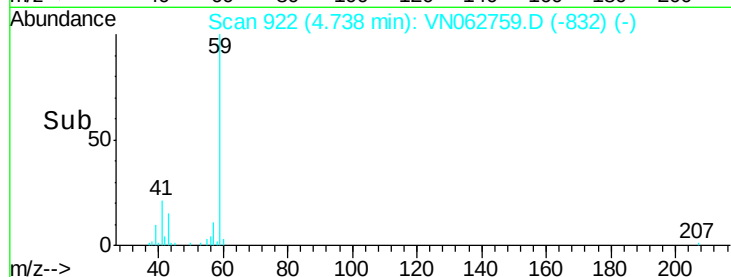
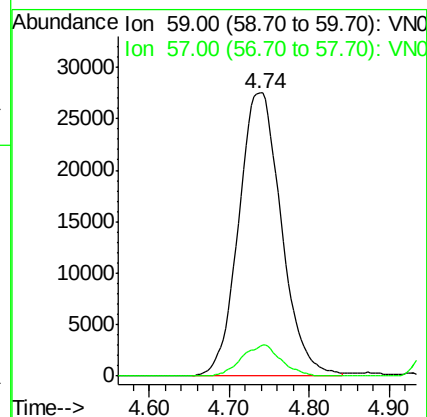
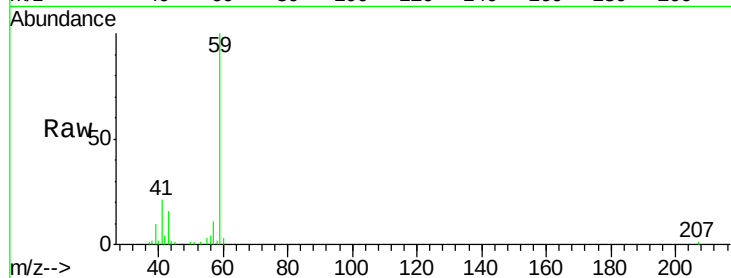


#11

Tert butyl alcohol
 Concen: 228.348 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

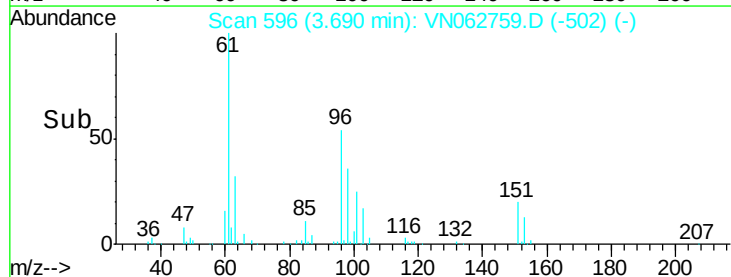
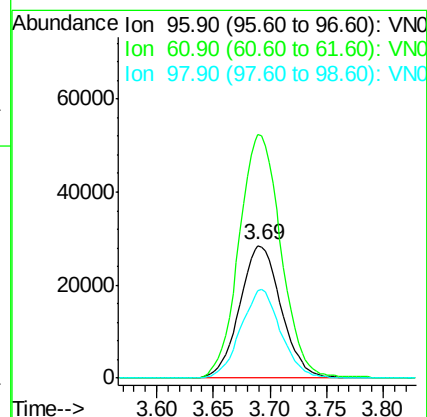
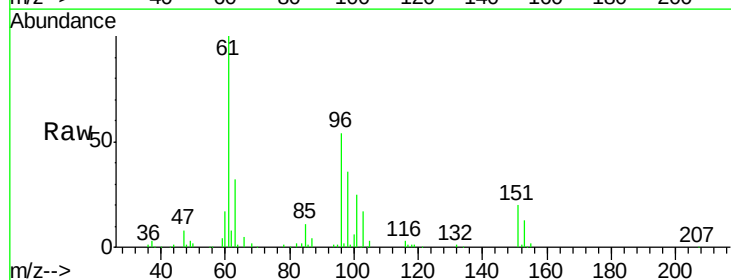
Tgt Ion: 59 Resp: 99992
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

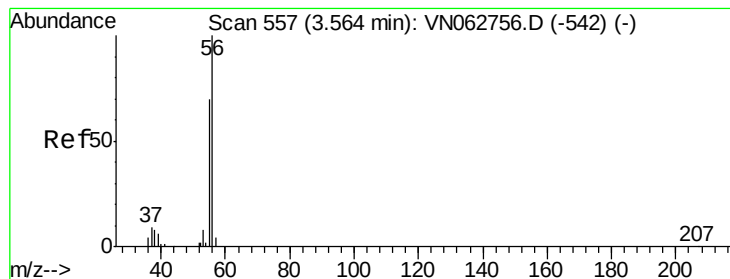


#12

1,1-Dichloroethene
 Concen: 52.931 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion: 96 Resp: 72733
 Ion Ratio Lower Upper
 96 100
 61 183.9 139.0 208.6
 98 66.1 50.2 75.4





#13

Acrolein

Concen: 237.638 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

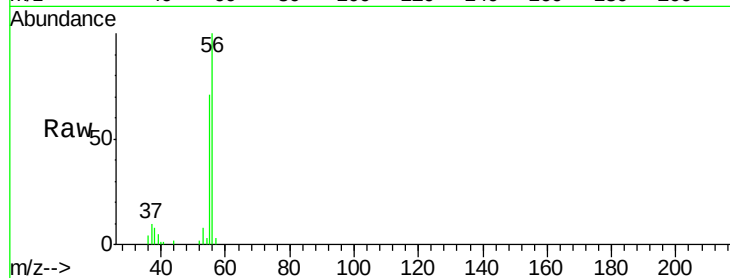
BFB

Tgt Ion: 56 Resp: 63005

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN062759.D (-542) (-)

Ion 55.00 (54.70 to 55.70): VN062759.D (-542) (-)

3.57

25000

20000

15000

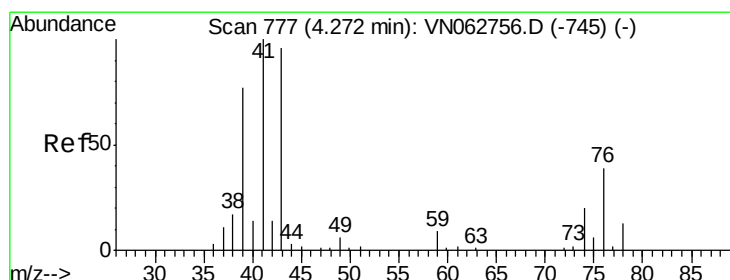
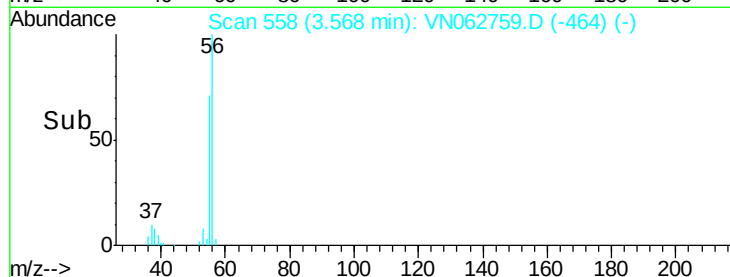
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 49.945 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

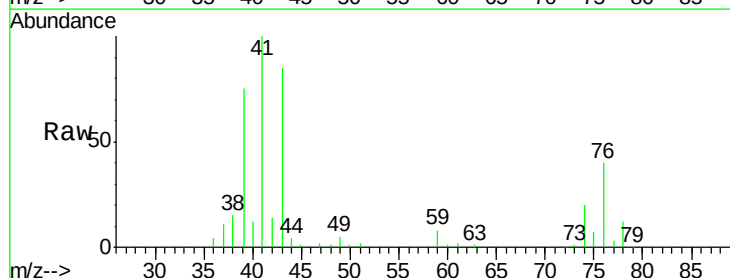
Tgt Ion: 41 Resp: 141276

Ion Ratio Lower Upper

41 100

39 68.1 55.7 83.5

76 34.3 27.5 41.3



Abundance Ion 41.00 (40.70 to 41.70): VN062759.D (-684) (-)

Ion 39.00 (38.70 to 39.70): VN062759.D (-684) (-)

Ion 75.90 (75.60 to 76.60): VN062759.D (-684) (-)

4.27

60000

50000

40000

30000

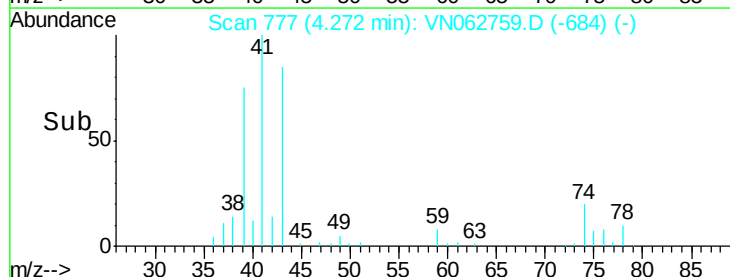
20000

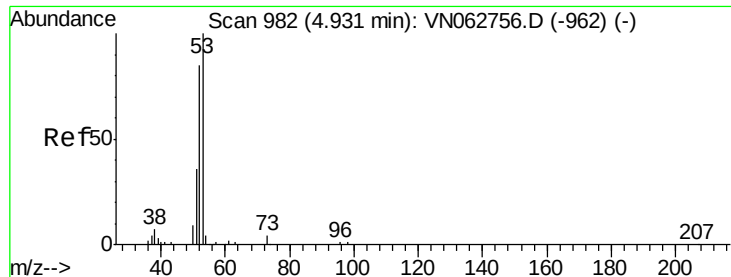
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 249.393 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

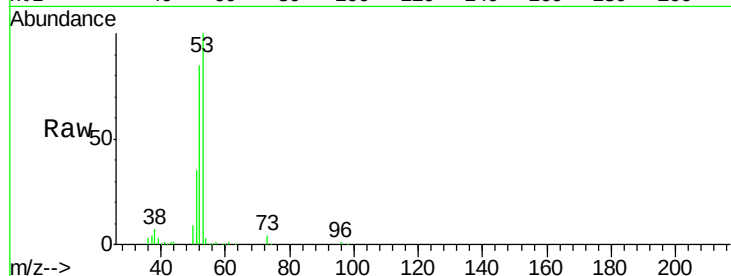
Tgt Ion: 53 Resp: 253295

Ion Ratio Lower Upper

53 100

52 84.4 66.8 100.2

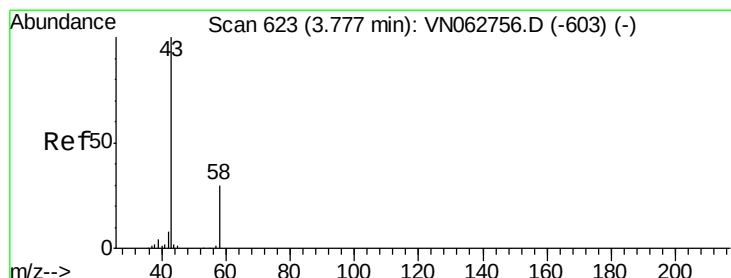
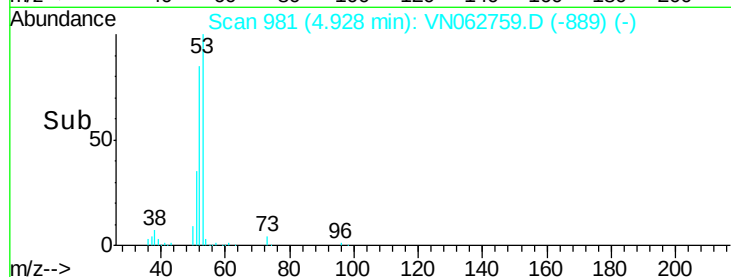
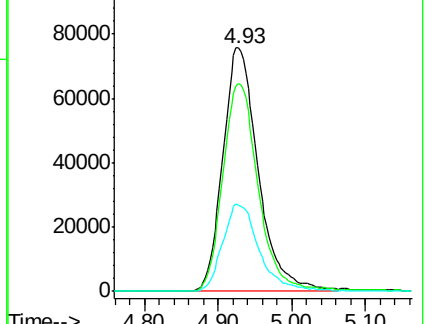
51 36.9 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN062756.D (-962) (-)

Ion 52.00 (51.70 to 52.70): VN062756.D (-962) (-)

Ion 51.00 (50.70 to 51.70): VN062756.D (-962) (-)



#16

Acetone

Concen: 265.281 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062759.D

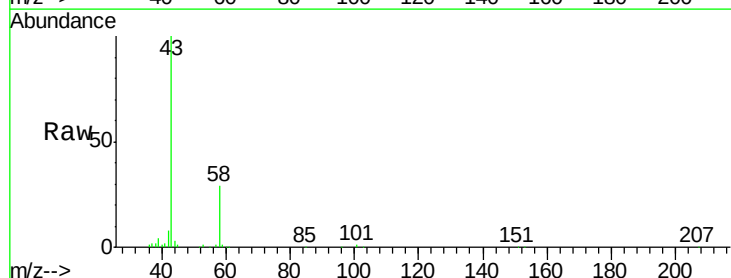
Acq: 5 Aug 2020 14:00

Tgt Ion: 43 Resp: 256103

Ion Ratio Lower Upper

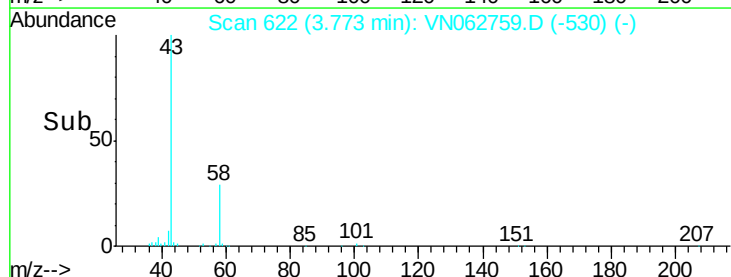
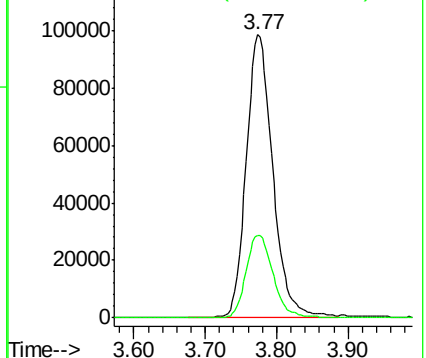
43 100

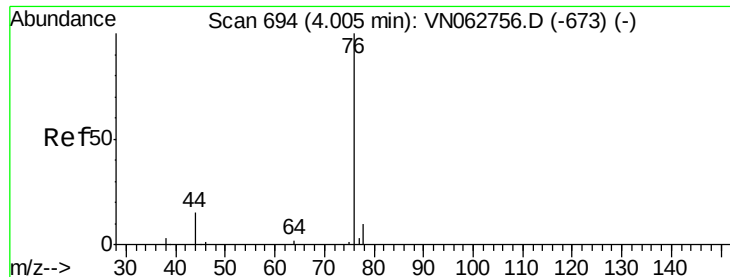
58 29.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-603) (-)

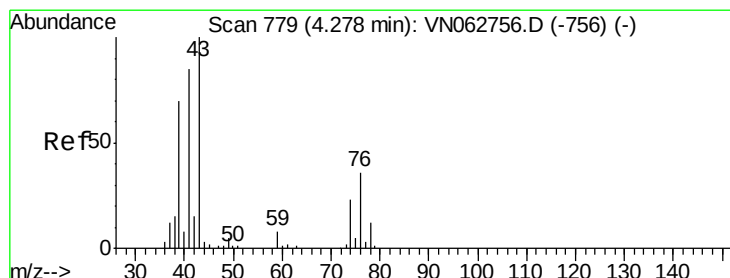
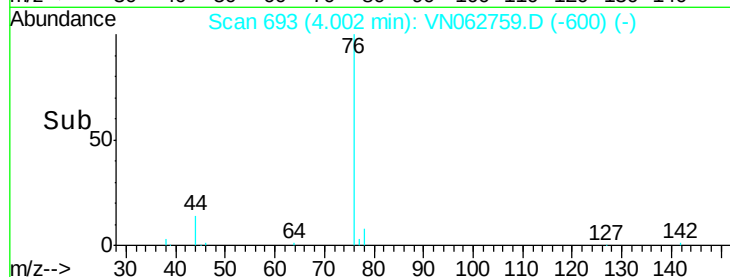
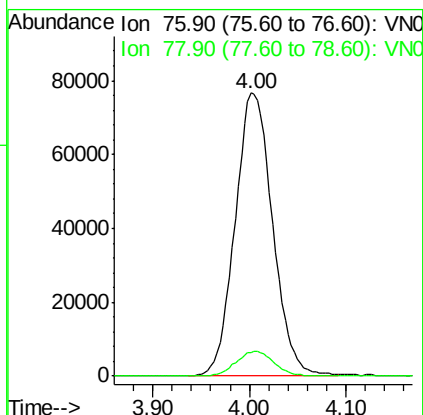
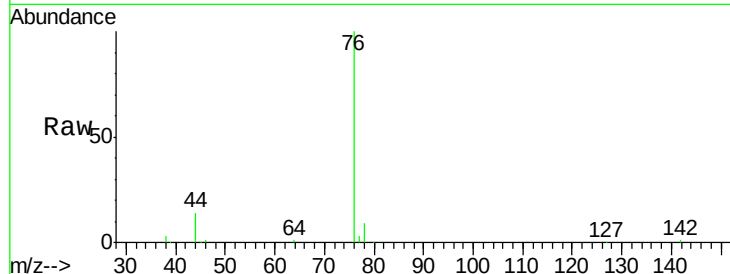




#17
Carbon Disulfide
Concen: 52.914 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

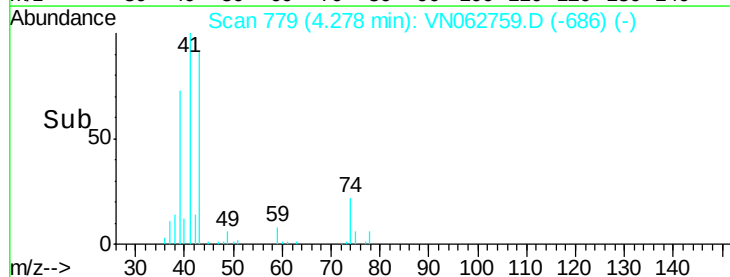
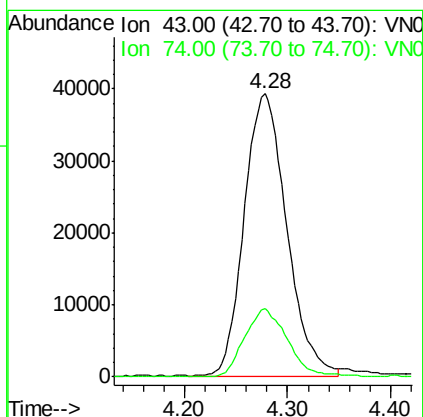
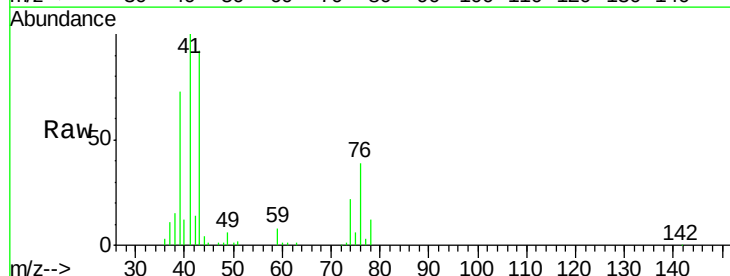
Instrument :
MSVOA_N
ClientSampled :
BFB

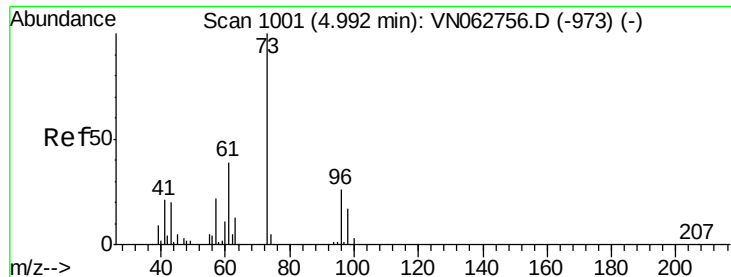
Tgt Ion: 76 Resp: 206492
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5



#18
Methyl Acetate
Concen: 49.595 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 43 Resp: 113263
Ion Ratio Lower Upper
43 100
74 24.1 18.6 28.0

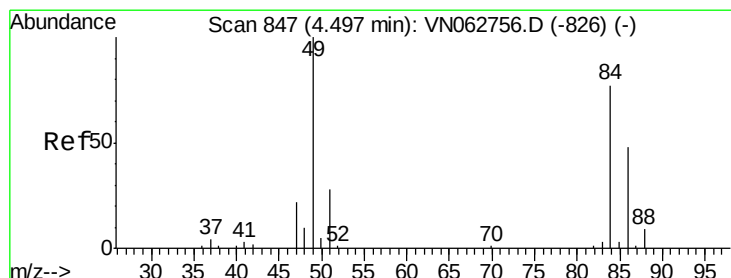
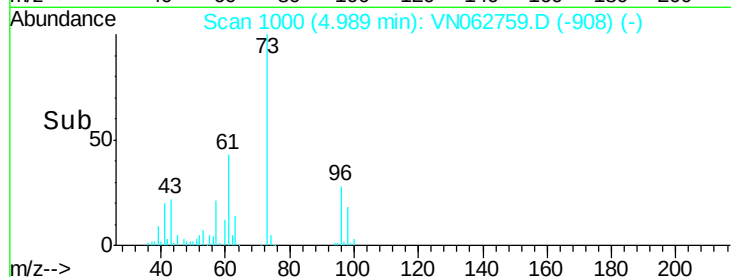
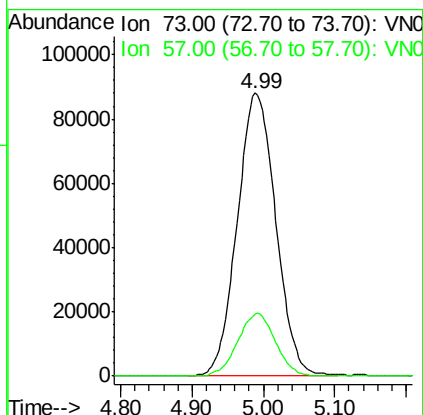
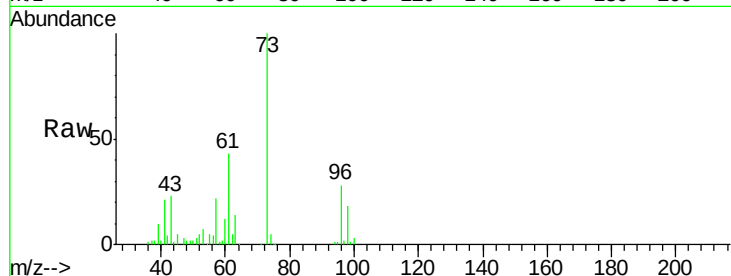




#19
Methyl tert-butyl Ether
Concen: 52.877 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

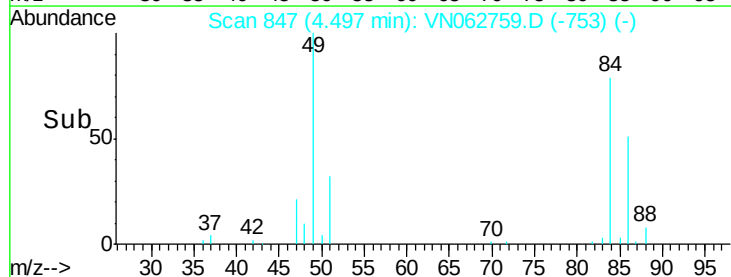
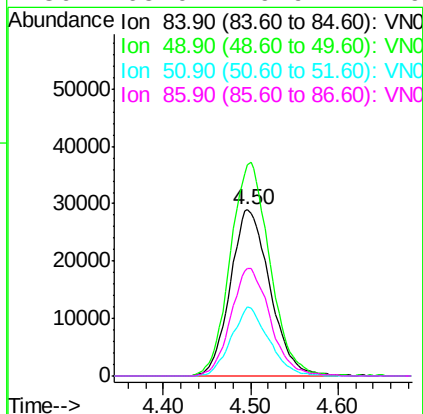
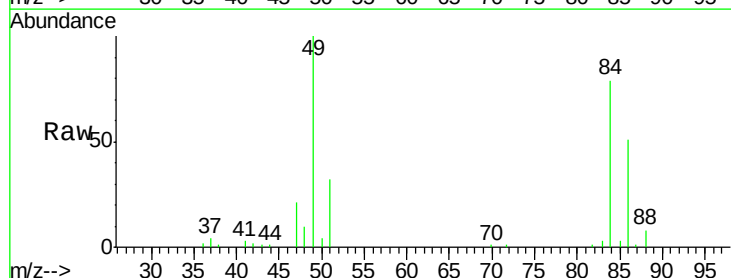
Instrument :
MSVOA_N
ClientSampleId :
BFB

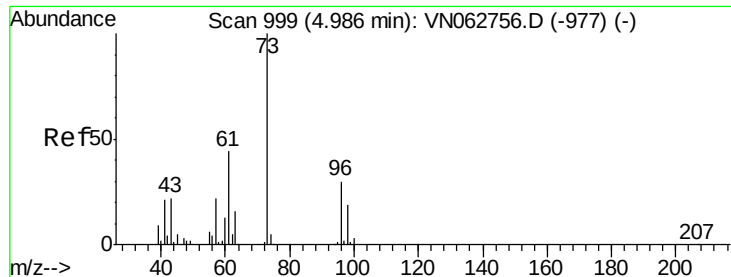
Tgt Ion: 73 Resp: 330983
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3



#20
Methylene Chloride
Concen: 51.624 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 84 Resp: 91163
Ion Ratio Lower Upper
84 100
49 127.0 103.4 155.2
51 41.2 29.3 43.9
86 65.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.741 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

BFB

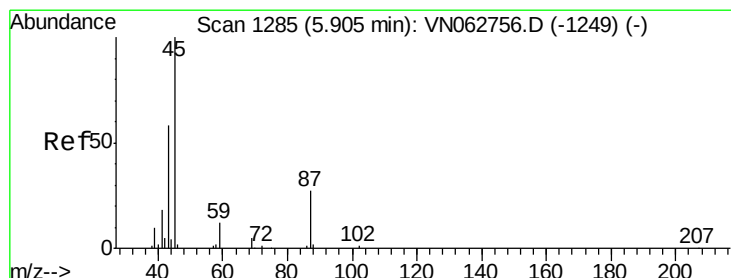
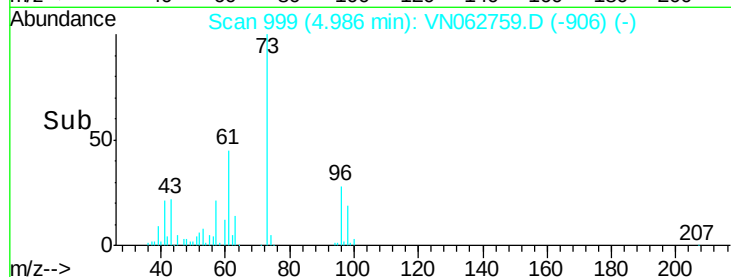
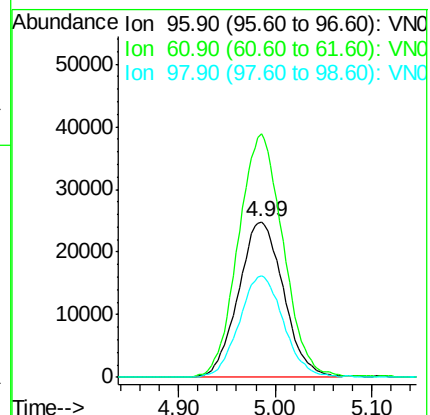
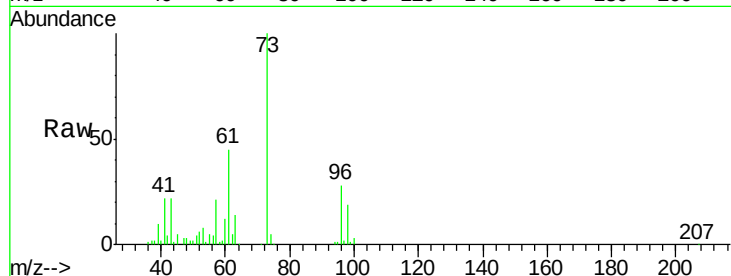
Tgt Ion: 96 Resp: 80420

Ion Ratio Lower Upper

96 100

61 156.7 118.8 178.2

98 65.7 51.0 76.4



#22

Diisopropyl ether

Concen: 53.360 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Tgt Ion: 45 Resp: 321307

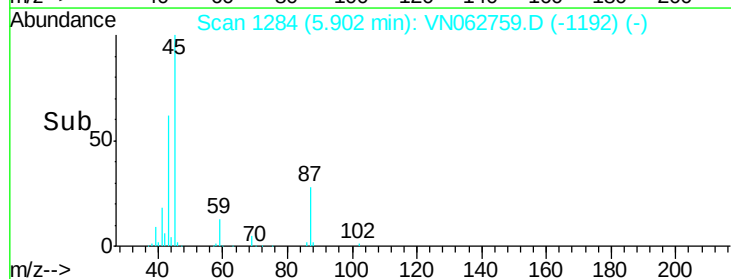
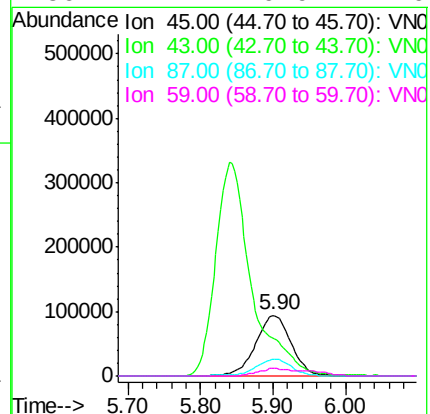
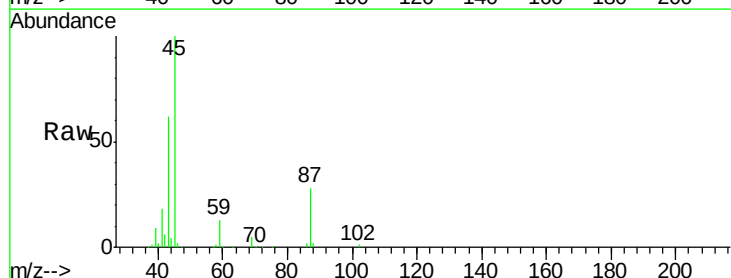
Ion Ratio Lower Upper

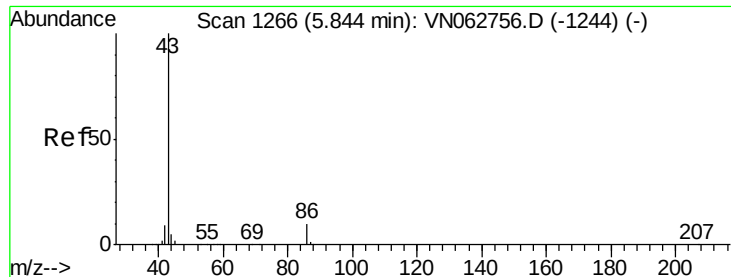
45 100

43 59.7 47.4 71.2

87 27.6 22.8 34.2

59 12.7 9.9 14.9





#23

Vinyl Acetate

Concen: 250.505 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

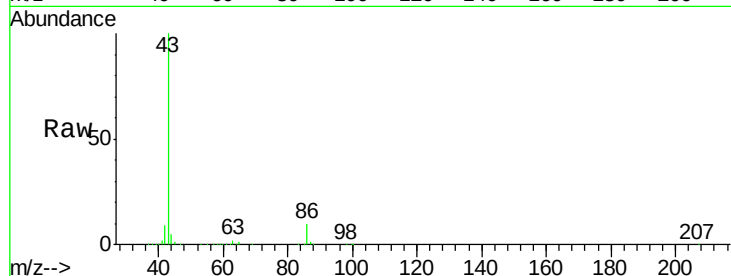
BFB

Tgt Ion: 43 Resp: 1147340

Ion Ratio Lower Upper

43 100

86 10.1 7.7 11.5



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

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

5.84

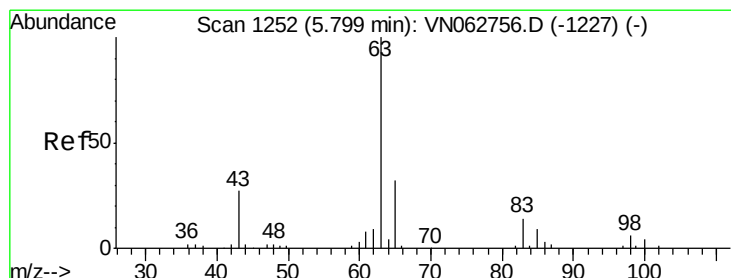
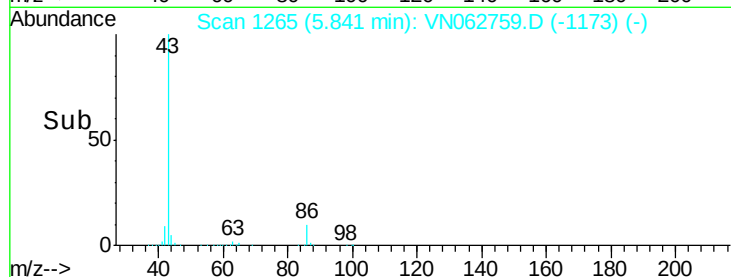
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.105 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

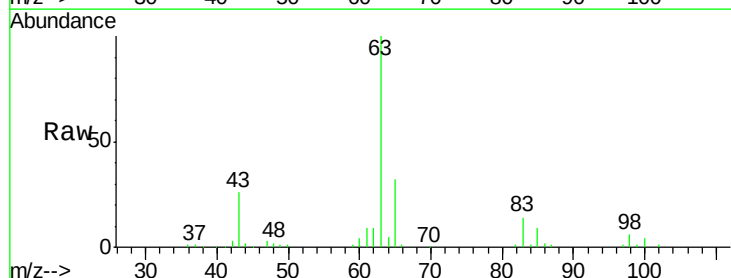
Tgt Ion: 63 Resp: 173281

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.6 1.9 5.7



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

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

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

5.80

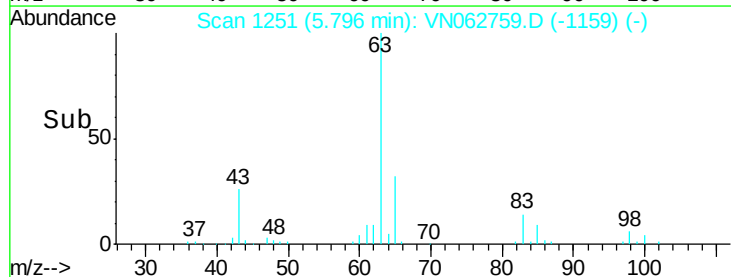
60000

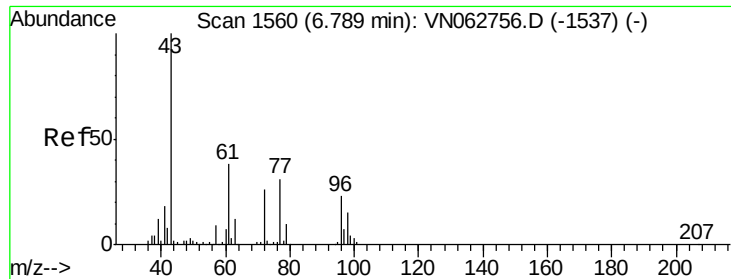
40000

20000

0

Time-->





#25

2-Butanone

Concen: 251.637 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.01 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

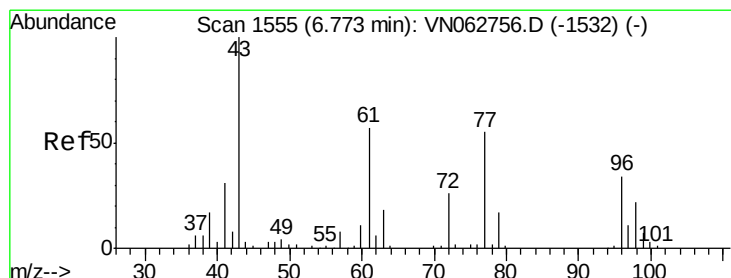
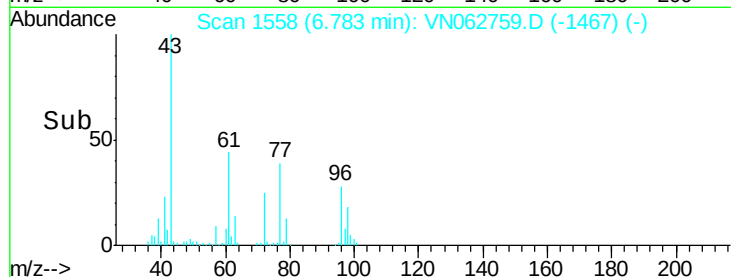
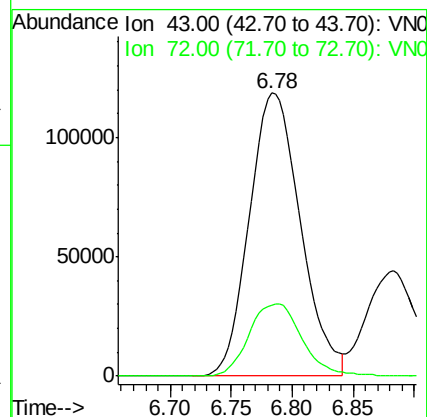
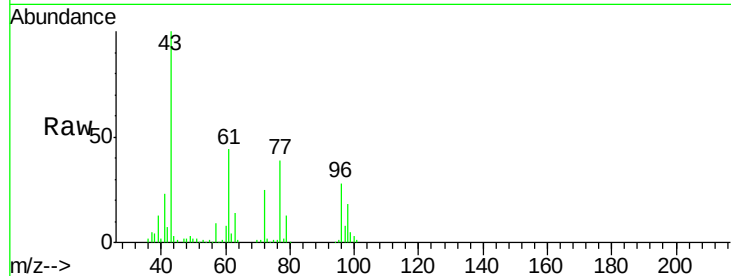
BFB

Tgt Ion: 43 Resp: 344065

Ion Ratio Lower Upper

43 100

72 25.1 21.1 31.7



#26

2,2-Dichloropropane

Concen: 51.768 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062759.D

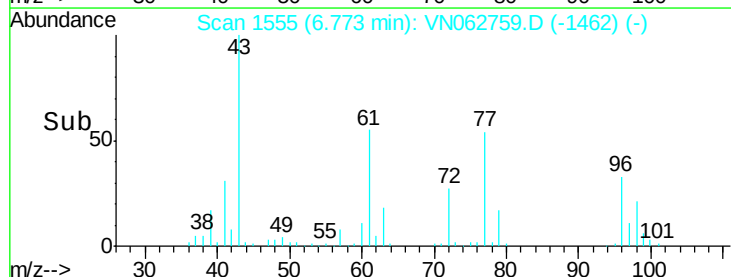
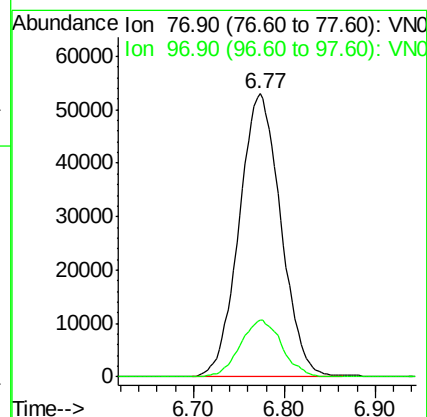
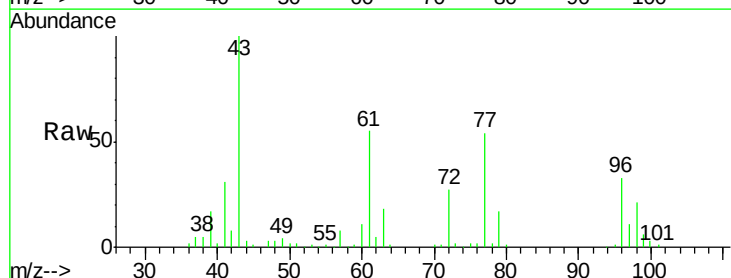
Acq: 5 Aug 2020 14:00

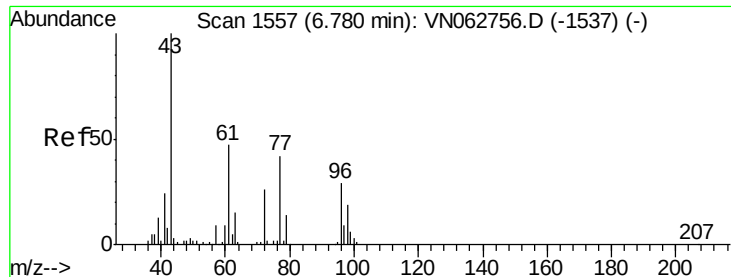
Tgt Ion: 77 Resp: 168389

Ion Ratio Lower Upper

77 100

97 20.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 50.645 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

BFB

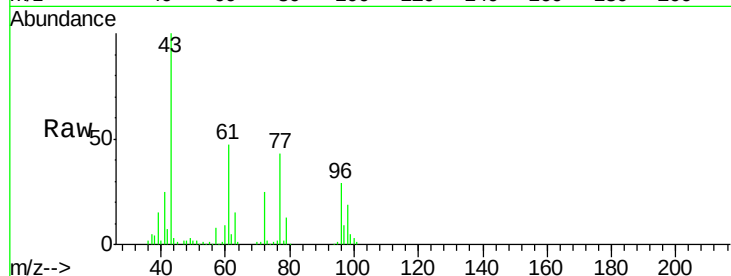
Tgt Ion: 96 Resp: 98226

Ion Ratio Lower Upper

96 100

61 164.0 0.0 332.2

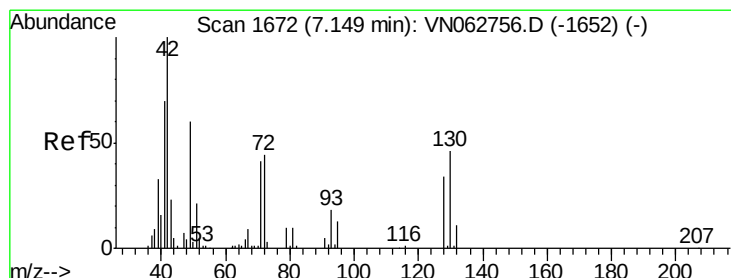
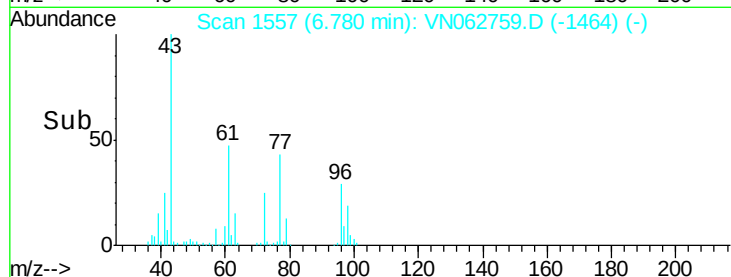
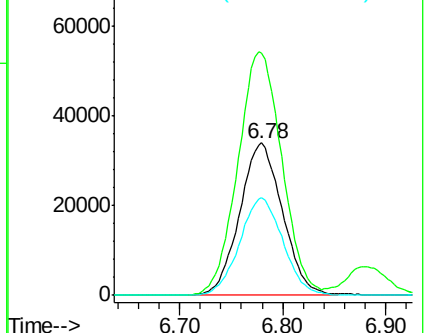
98 64.6 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062759.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062759.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062759.D (-1464) (-)



#28

Bromochloromethane

Concen: 50.087 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

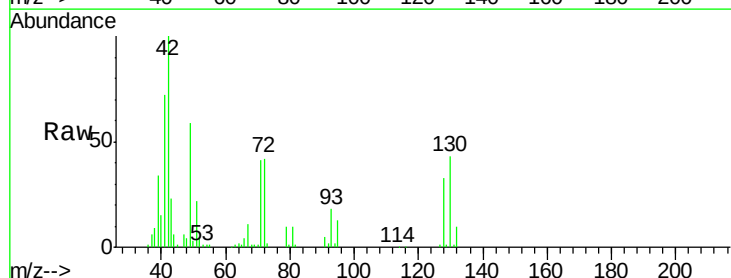
Tgt Ion: 49 Resp: 85302

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.2

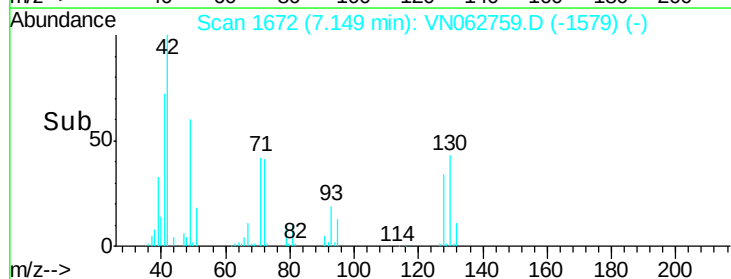
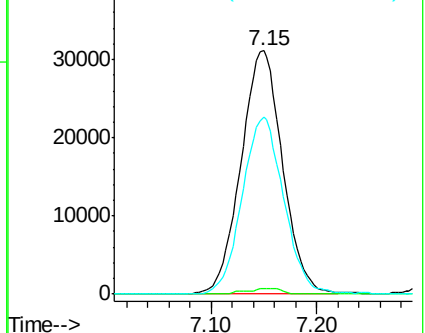
130 72.7 59.0 88.6

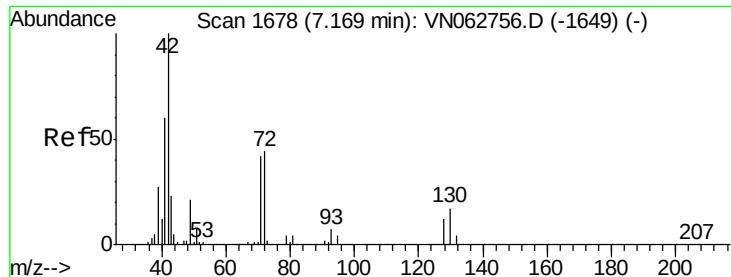


Abundance Ion 48.90 (48.60 to 49.60): VN062759.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062759.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062759.D (-1579) (-)

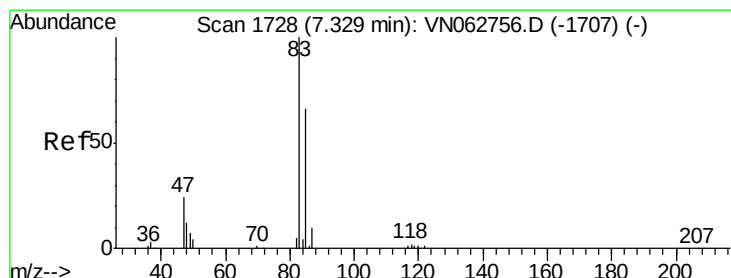
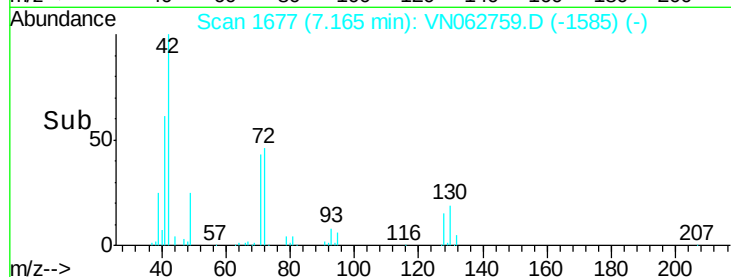
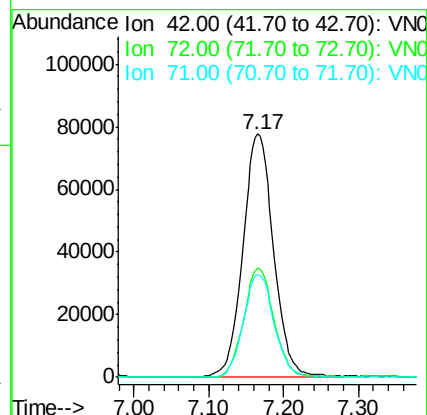
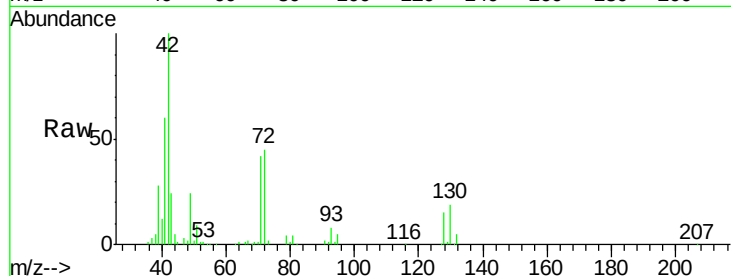




#29
Tetrahydrofuran
Concen: 249.670 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

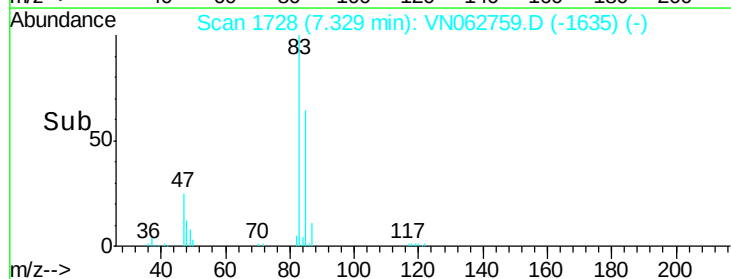
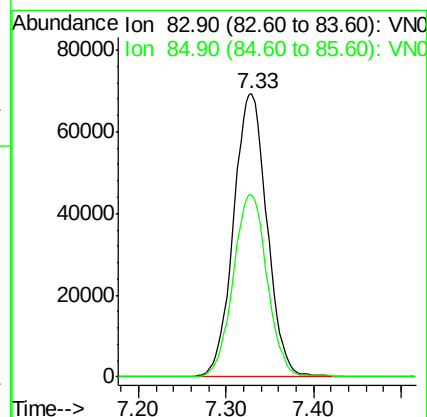
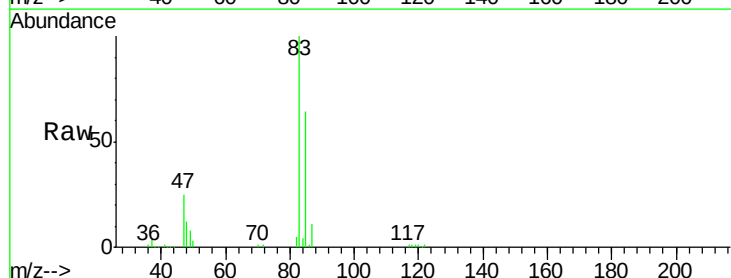
Instrument :
MSVOA_N
ClientSampled :
BFB

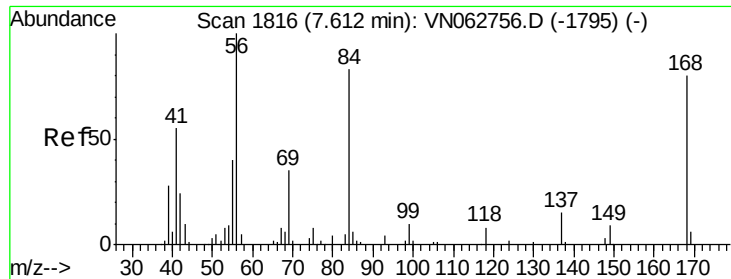
Tgt Ion: 42 Resp: 221780
Ion Ratio Lower Upper
42 100
72 44.2 35.0 52.4
71 42.3 33.2 49.8



#30
Chloroform
Concen: 49.047 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 83 Resp: 183933
Ion Ratio Lower Upper
83 100
85 64.2 52.7 79.1

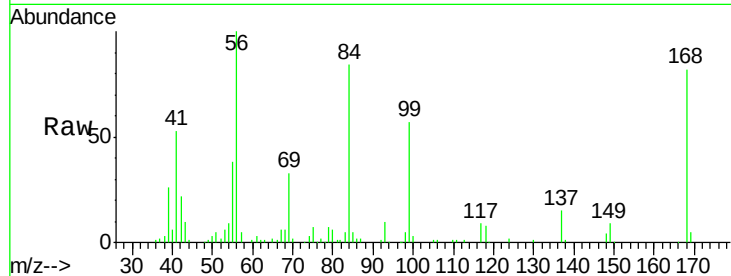




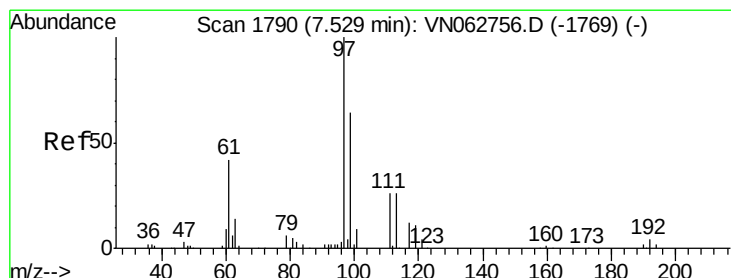
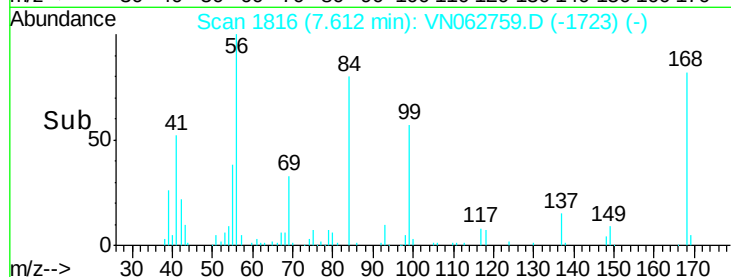
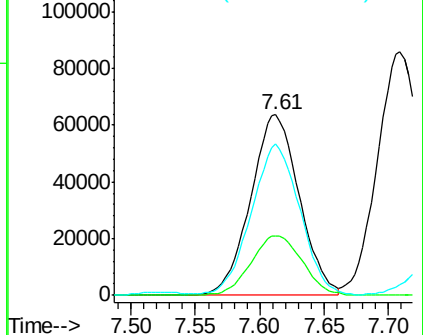
#31
Cyclohexane
Concen: 51.706 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Instrument :
MSVOA_N
ClientSampled :
BFB

Tgt Ion: 56 Resp: 167489
Ion Ratio Lower Upper
56 100
69 33.0 28.1 42.1
84 82.7 66.8 100.2

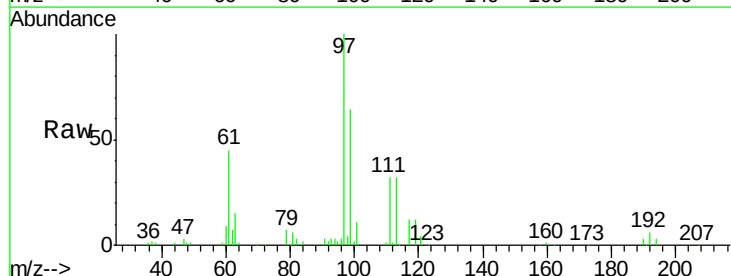


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

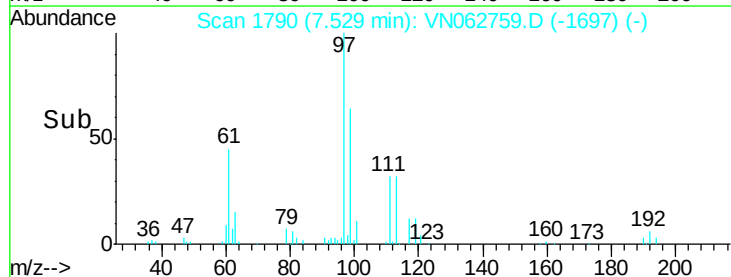
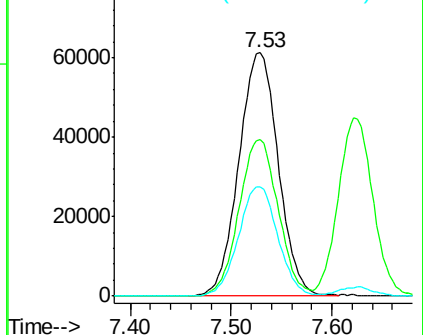


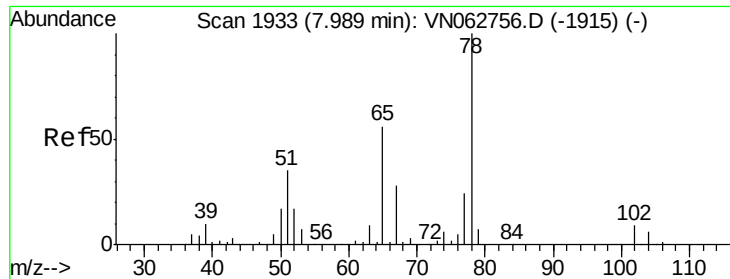
#32
1,1,1-Trichloroethane
Concen: 49.632 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 97 Resp: 166413
Ion Ratio Lower Upper
97 100
99 63.8 50.0 75.0
61 44.7 34.8 52.2



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

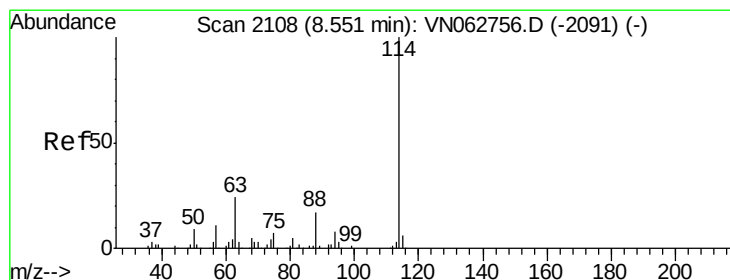
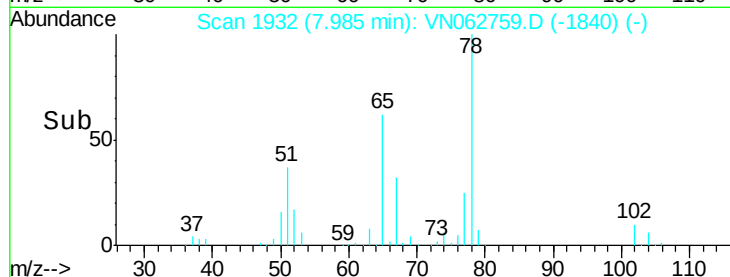
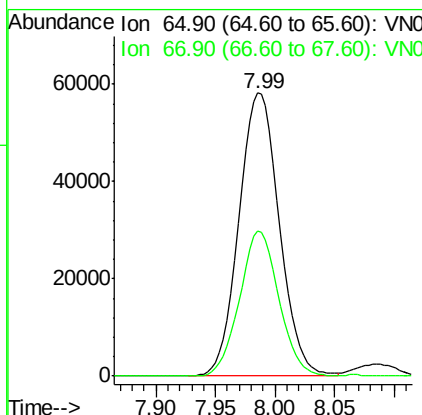
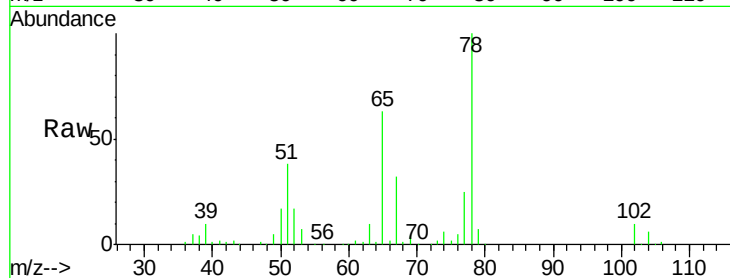




#33
 1,2-Dichloroethane-d4
 Concen: 51.264 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

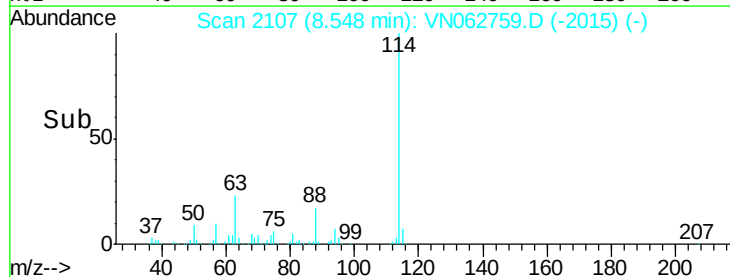
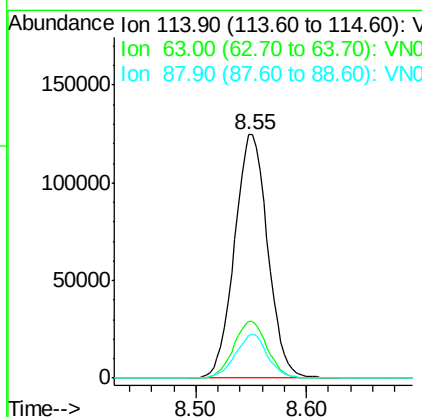
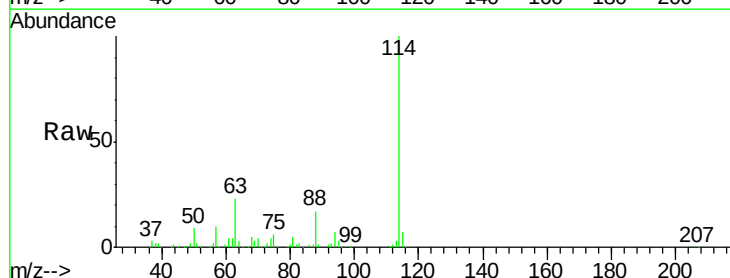
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

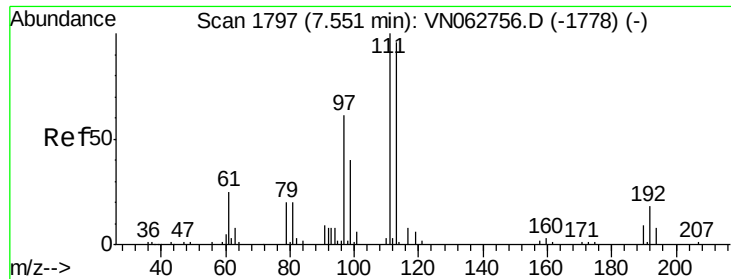
Tgt Ion: 65 Resp: 136965
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion: 114 Resp: 260527
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.6
 88 17.5 0.0 34.4

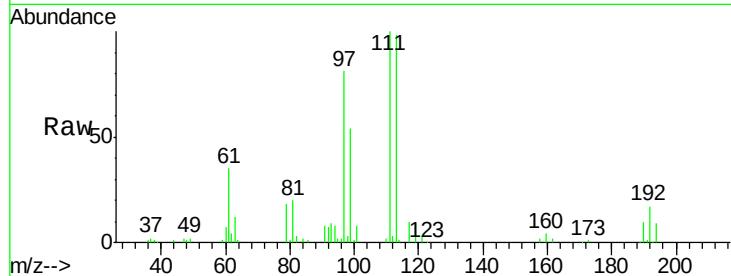




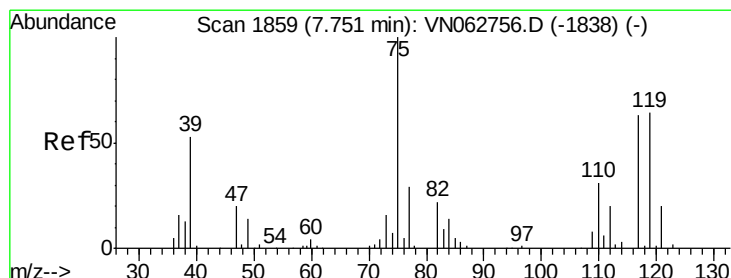
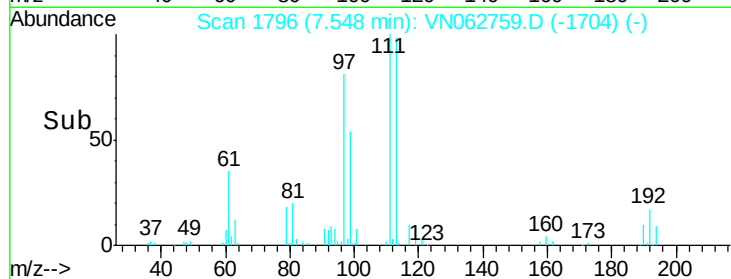
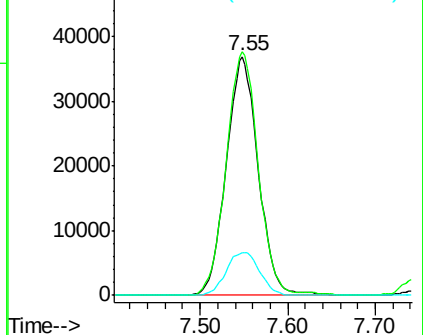
#35
 Dibromofluoromethane
 Concen: 52.322 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tgt Ion: 113 Resp: 93245
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.6
 192 18.8 15.0 22.4

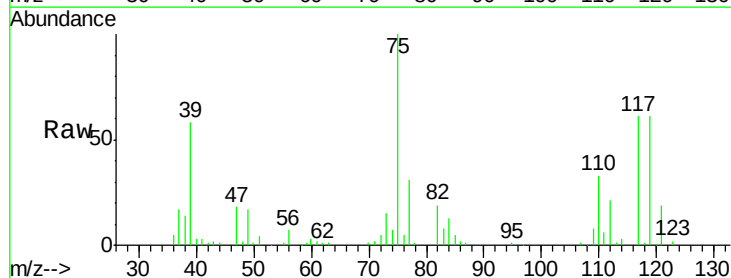


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

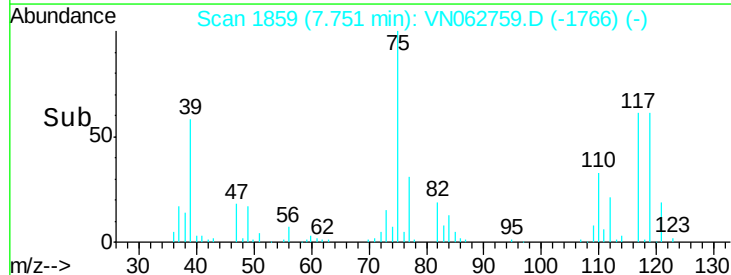
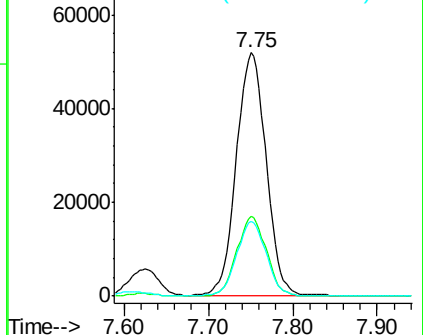


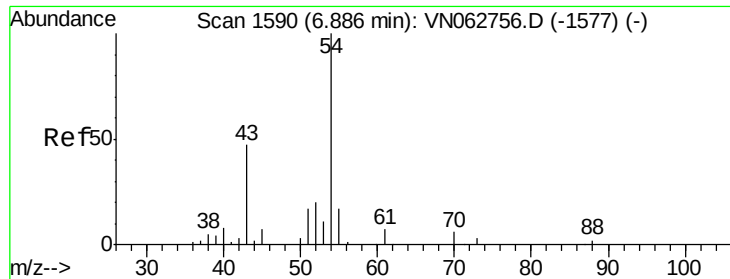
#36
 1,1-Dichloropropene
 Concen: 50.815 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion: 75 Resp: 128906
 Ion Ratio Lower Upper
 75 100
 110 32.0 15.6 46.7
 77 30.2 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

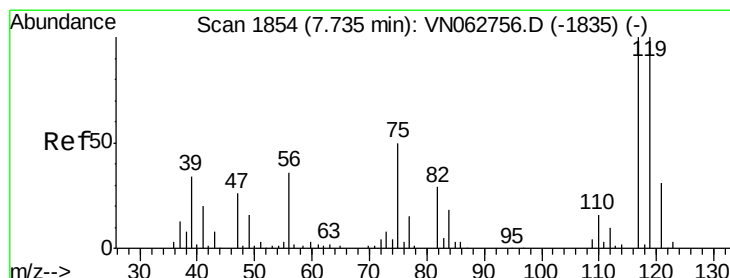
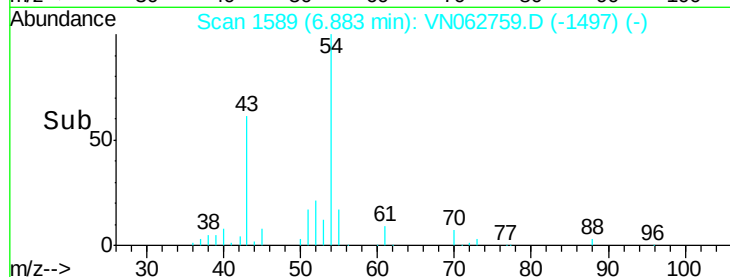
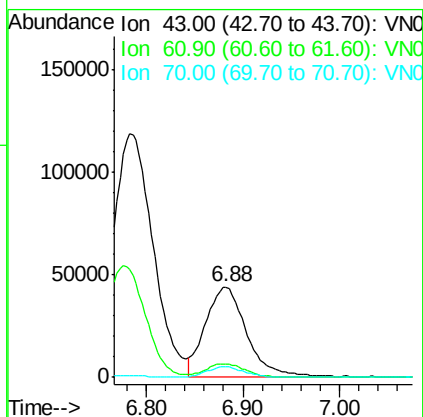
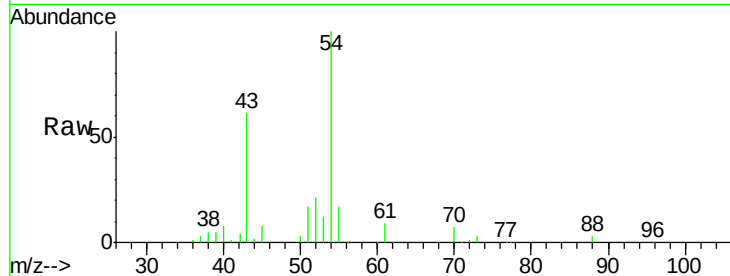




#37
Ethyl Acetate
Concen: 48.244 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

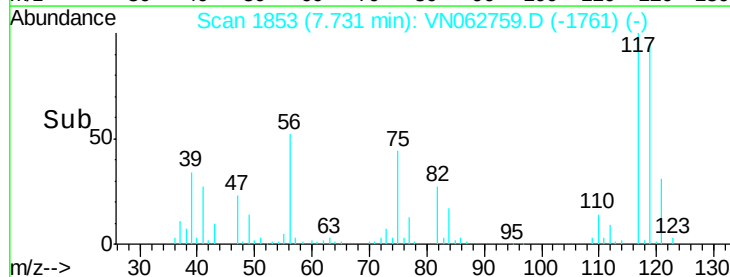
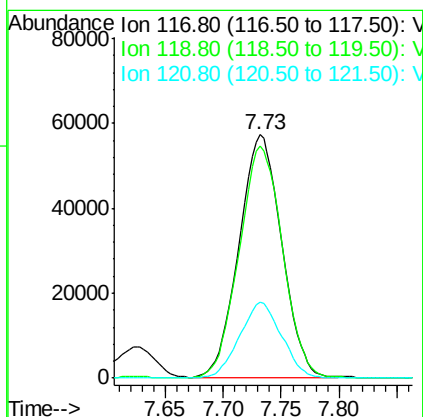
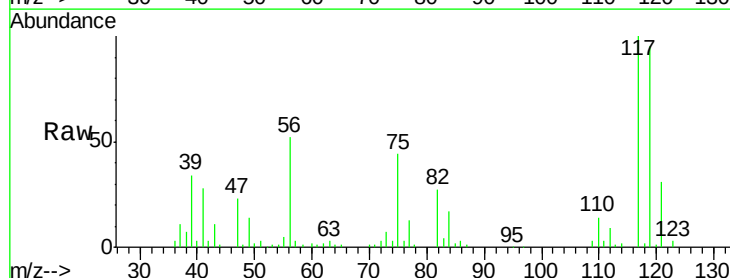
Instrument :
MSVOA_N
ClientSampled :
BFB

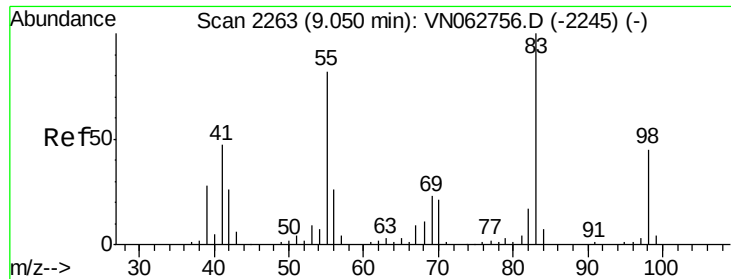
Tgt Ion: 43 Resp: 127843
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 11.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 48.518 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 117 Resp: 145567
Ion Ratio Lower Upper
117 100
119 95.7 79.4 119.2
121 31.0 24.9 37.3

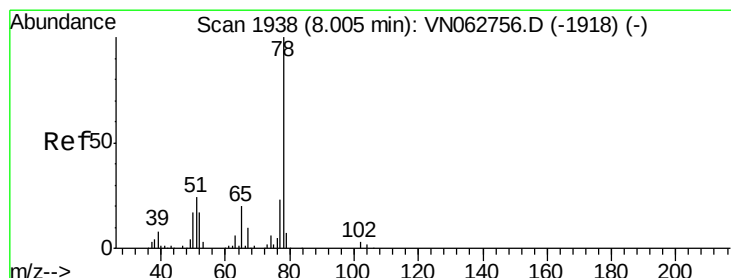
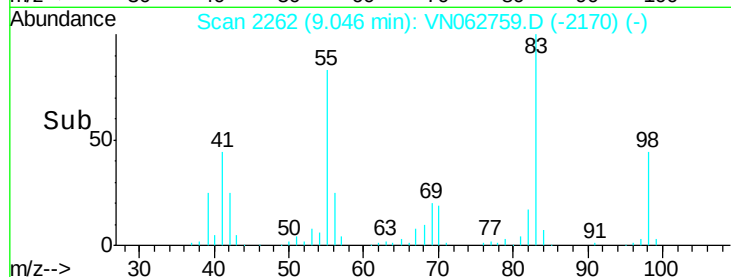
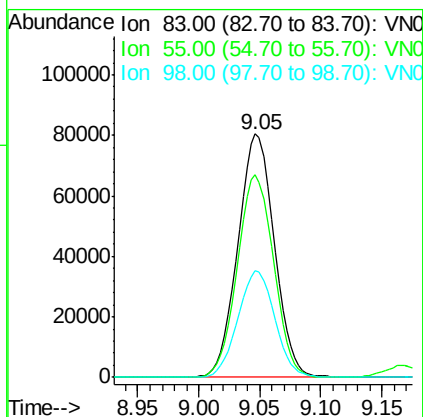
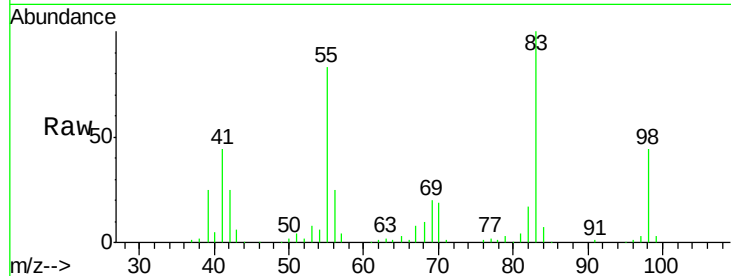




#39
Methylcyclohexane
Concen: 54.426 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

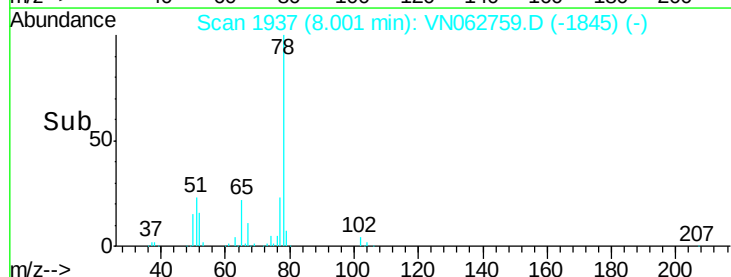
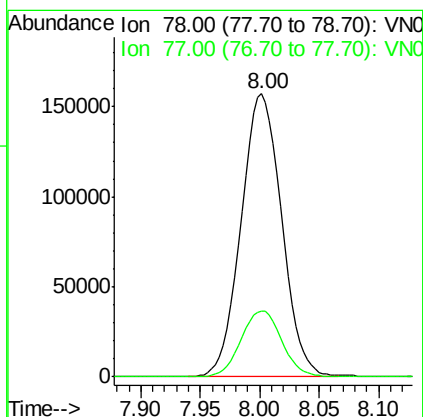
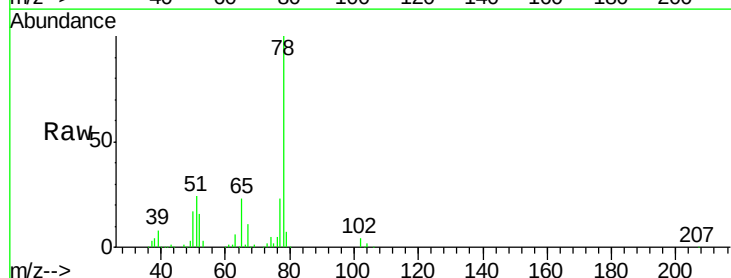
Instrument :
MSVOA_N
ClientSampled :
BFB

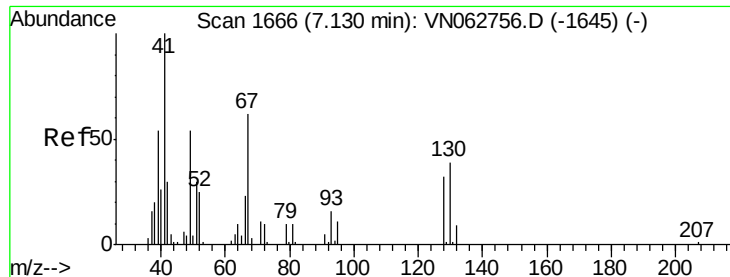
Tgt Ion: 83 Resp: 166157
Ion Ratio Lower Upper
83 100
55 83.5 65.7 98.5
98 43.7 35.6 53.4



#40
Benzene
Concen: 49.080 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 78 Resp: 371523
Ion Ratio Lower Upper
78 100
77 23.4 18.1 27.1

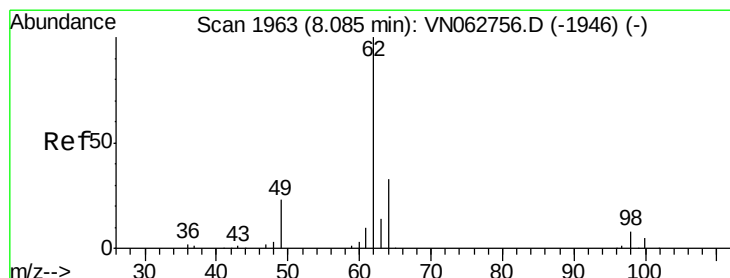
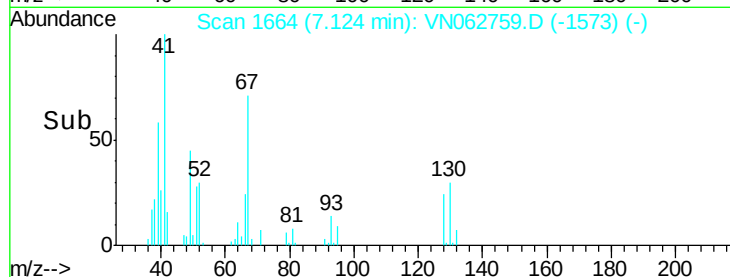
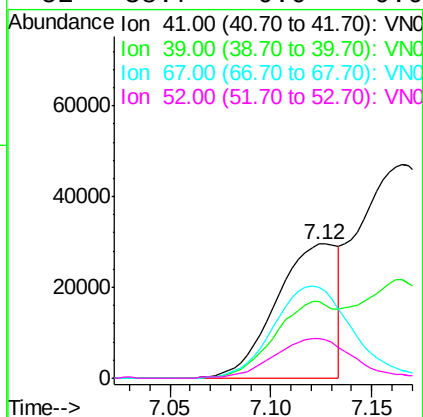
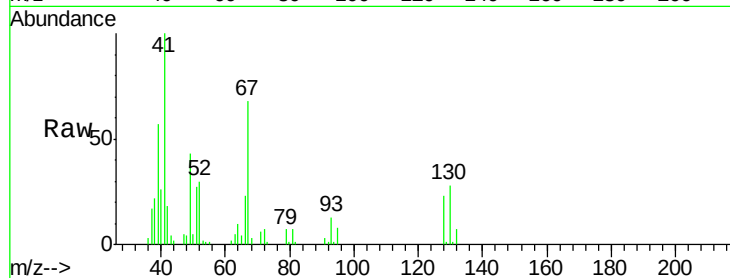




#41
Methacrylonitrile
Concen: 52.318 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

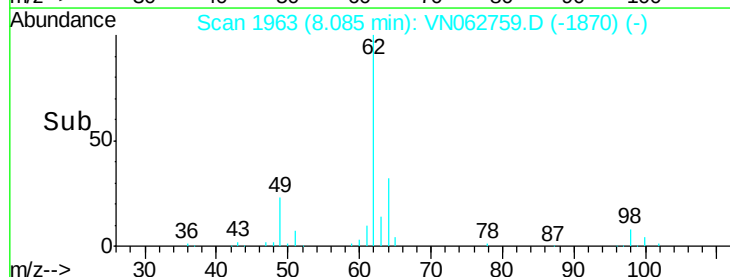
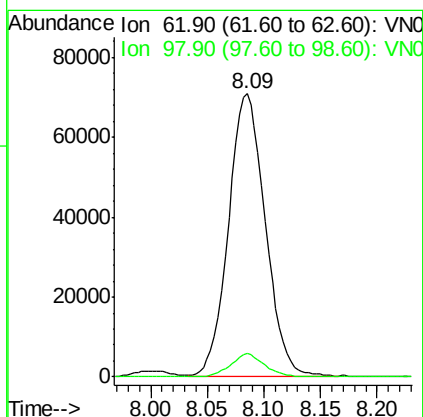
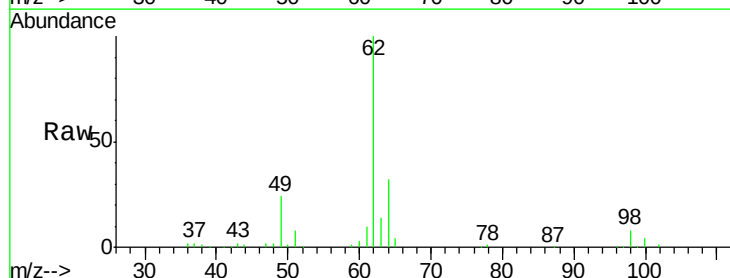
Instrument :
MSVOA_N
ClientSampled :
BFB

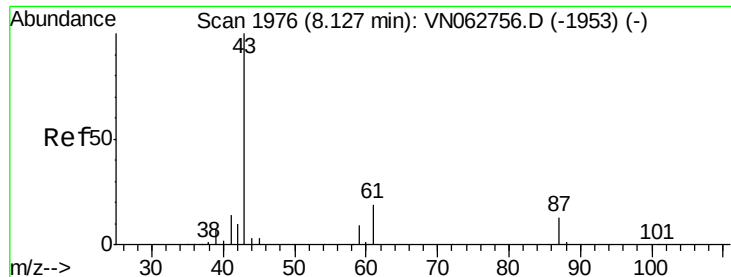
Tgt Ion: 41 Resp: 62560
Ion Ratio Lower Upper
41 100
39 56.6 69.4 104.2#
67 88.9 0.0 0.0#
52 38.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 49.397 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 62 Resp: 159150
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.8





#43

Isopropyl Acetate

Concen: 49.233 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

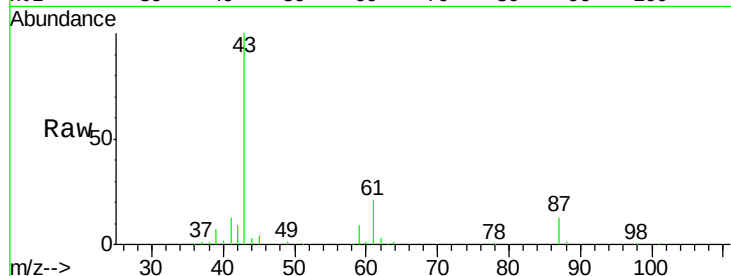
Tgt Ion: 43 Resp: 217609

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.6

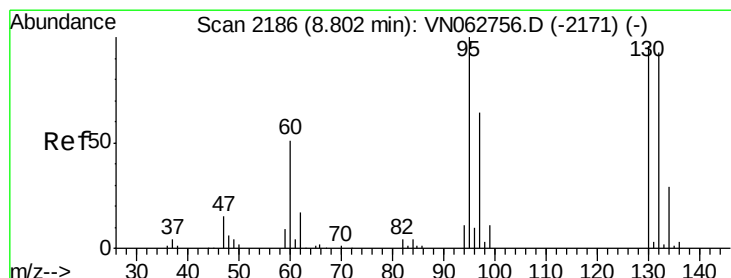
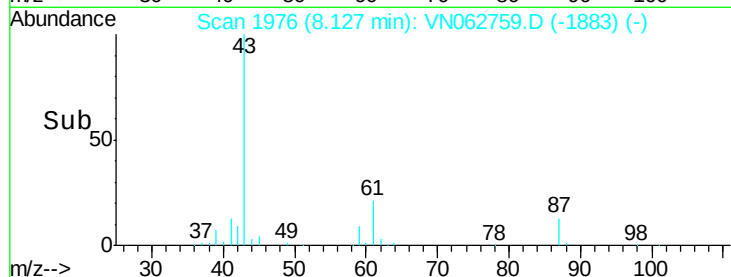
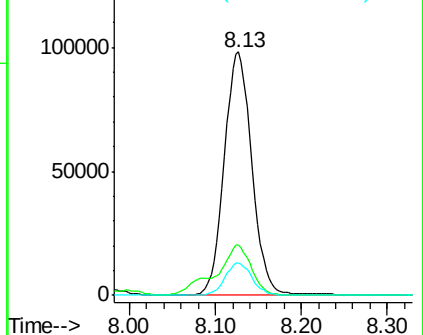
87 12.9 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062759.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062759.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062759.D (-1883) (-)



#44

Trichloroethene

Concen: 49.851 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062759.D

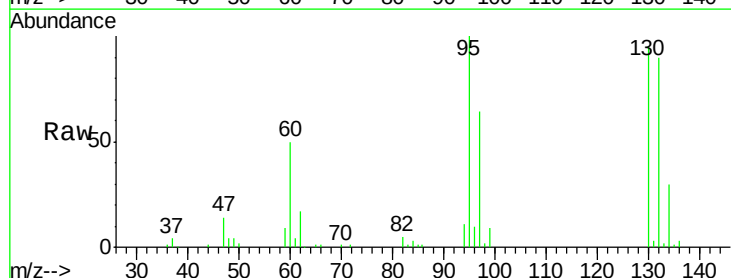
Acq: 5 Aug 2020 14:00

Tgt Ion: 130 Resp: 91938

Ion Ratio Lower Upper

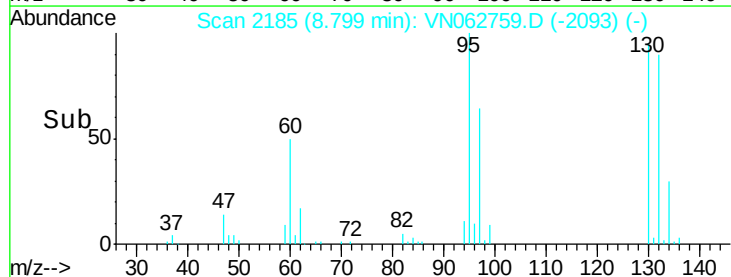
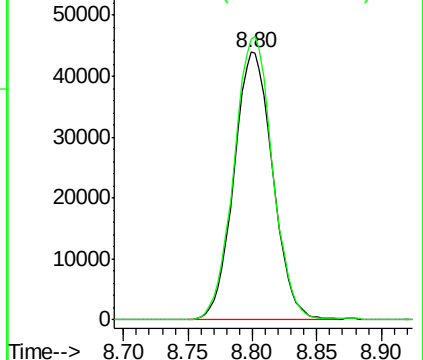
130 100

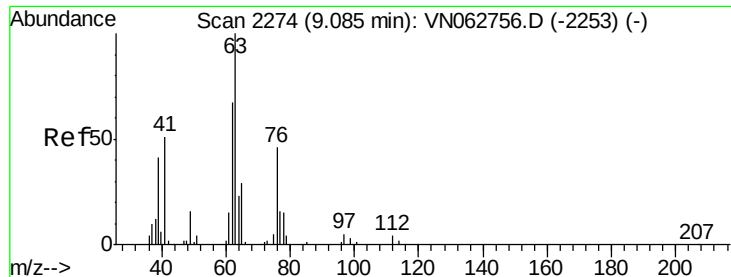
95 104.9 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062759.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062759.D (-2093) (-)

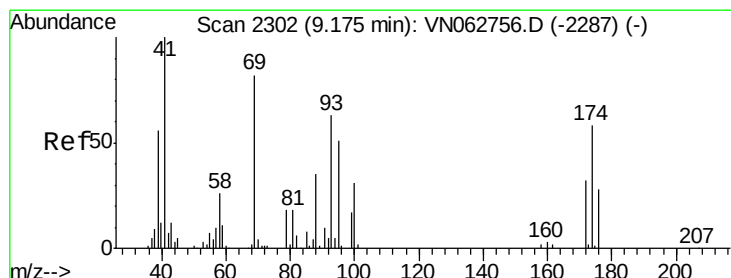
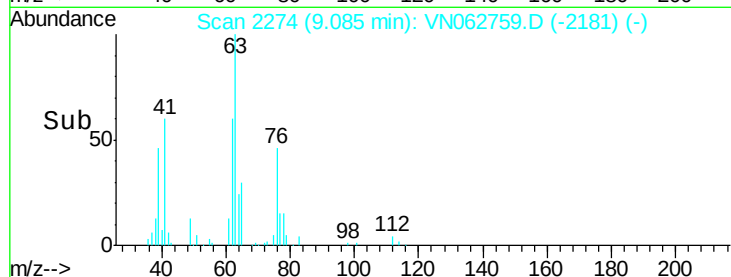
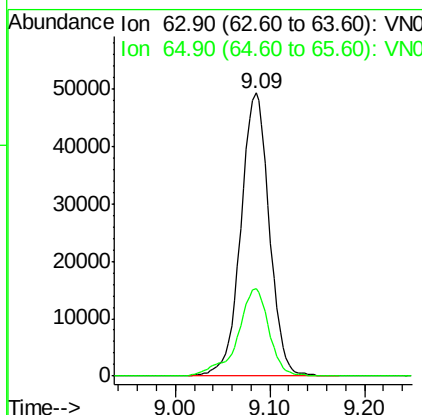
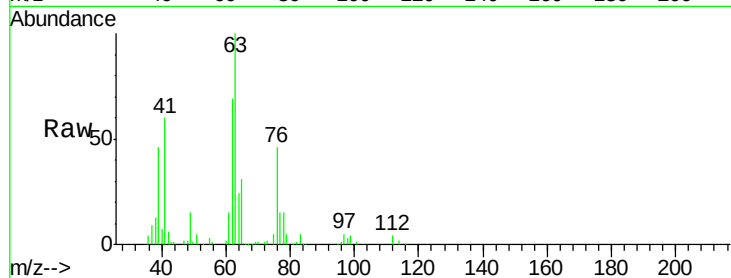




#45
 1,2-Dichloropropane
 Concen: 50.281 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

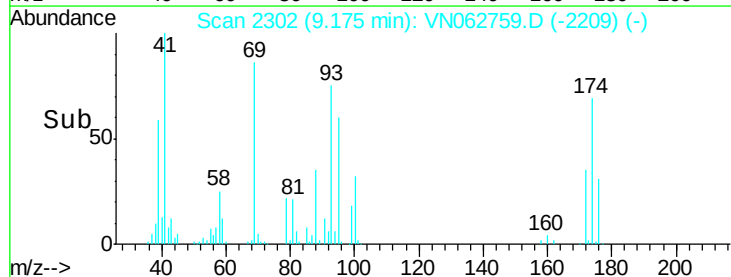
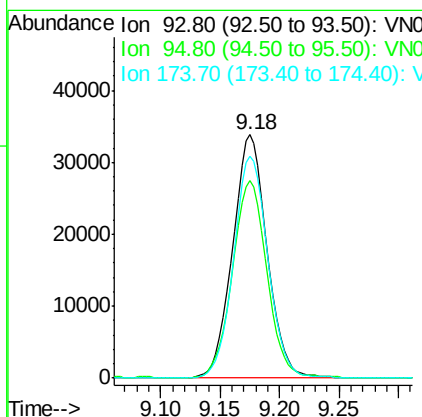
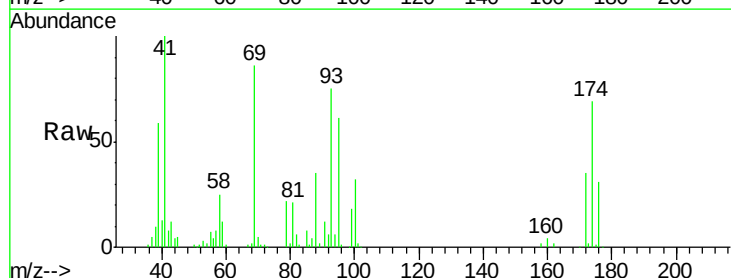
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

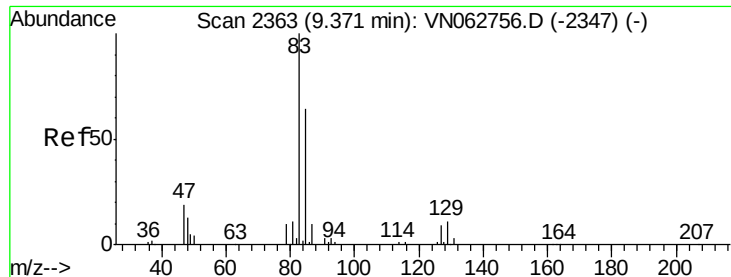
Tgt Ion: 63 Resp: 103015
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.5 35.3



#46
 Dibromomethane
 Concen: 50.445 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion: 93 Resp: 67717
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.1 97.7
 174 91.0 73.9 110.9





#47

Bromodichloromethane

Concen: 51.336 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

BFB

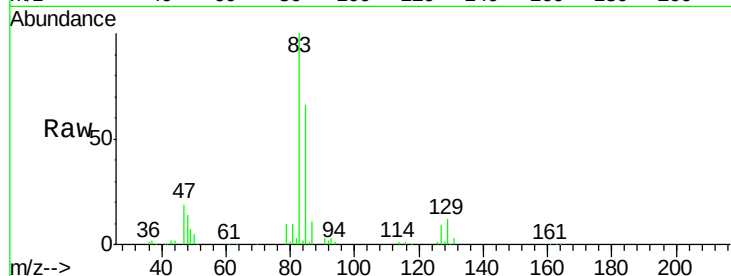
Tgt Ion: 83 Resp: 154776

Ion Ratio Lower Upper

83 100

85 66.0 51.4 77.0

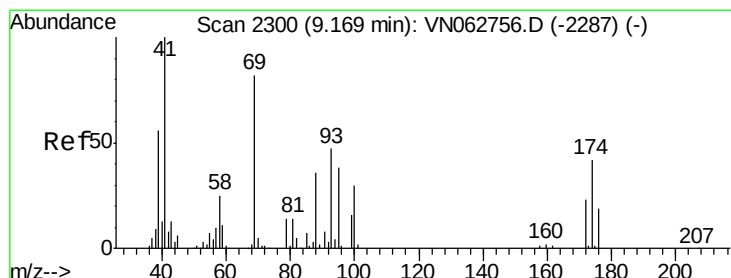
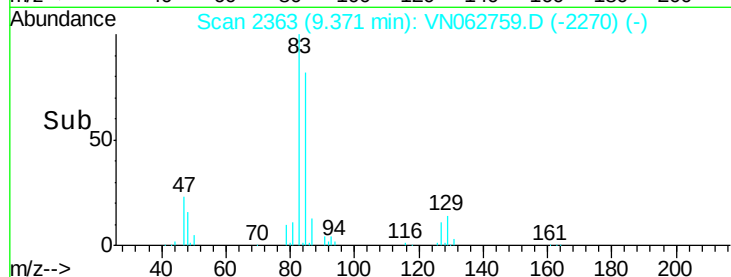
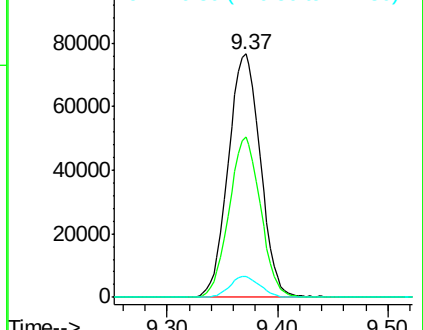
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062759.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062759.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062759.D (-2270) (-)



#48

Methyl methacrylate

Concen: 49.362 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

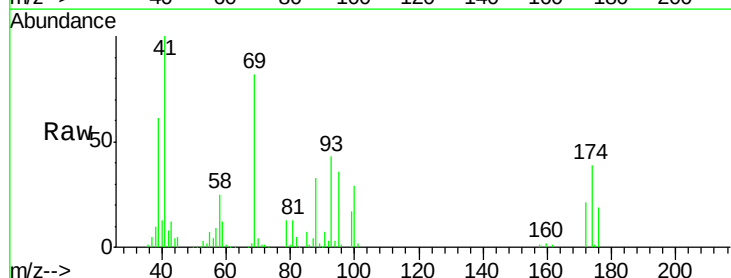
Tgt Ion: 41 Resp: 107314

Ion Ratio Lower Upper

41 100

69 86.8 67.4 101.2

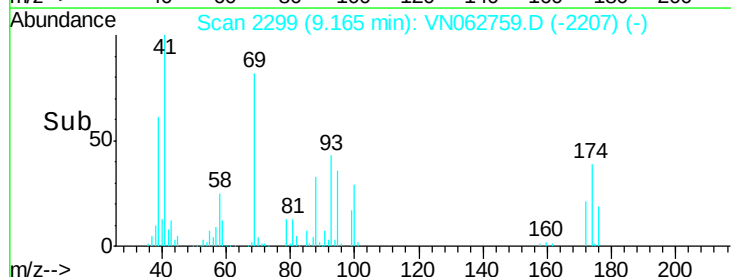
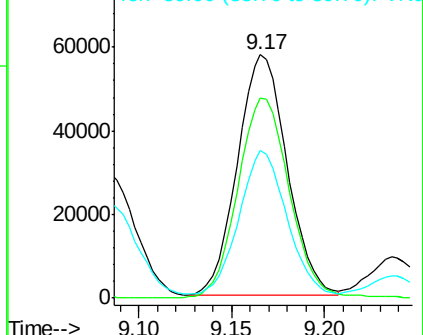
39 61.0 47.6 71.4

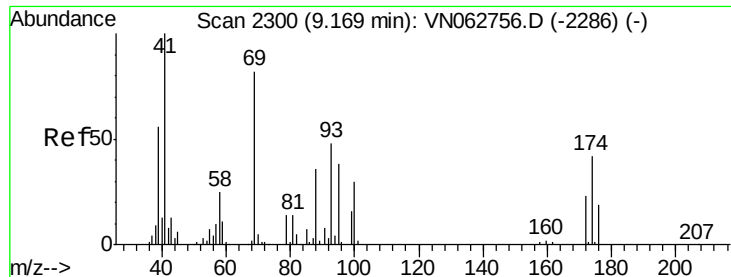


Abundance Ion 41.00 (40.70 to 41.70): VN062759.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062759.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062759.D (-2207) (-)

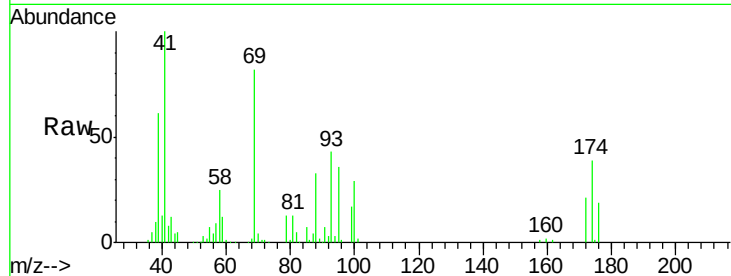




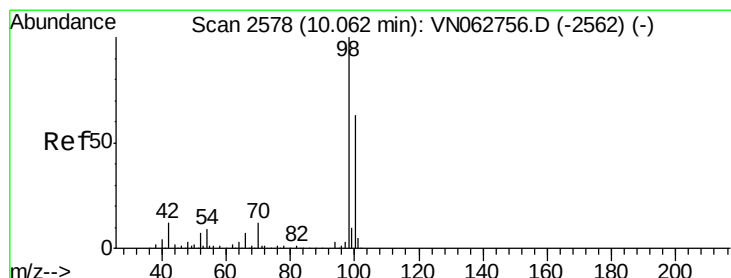
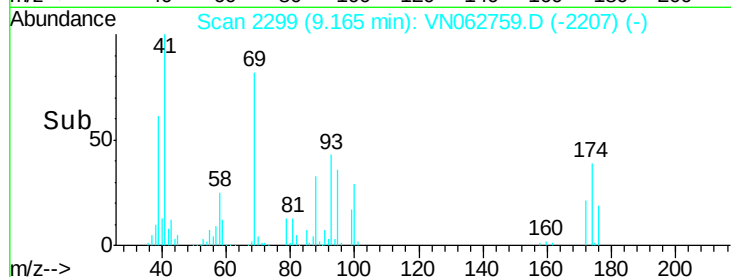
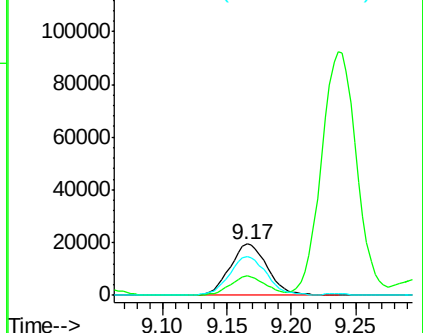
#49
1,4-Dioxane
Concen: 978.043 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion: 88 Resp: 39399
Ion Ratio Lower Upper
88 100
43 36.4 29.5 44.3
58 74.8 59.8 89.8

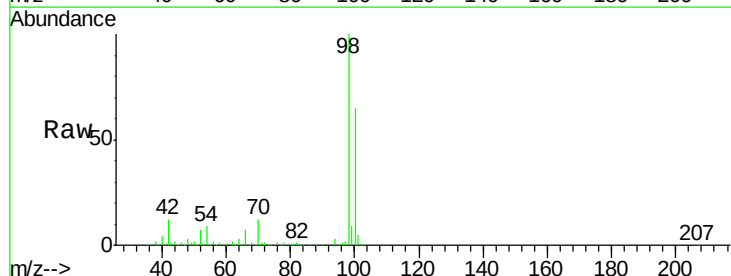


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

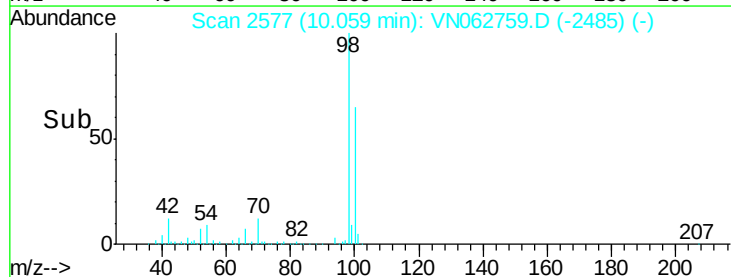
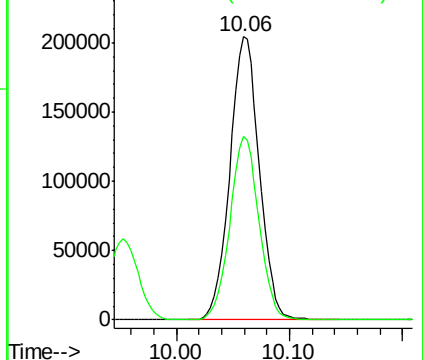


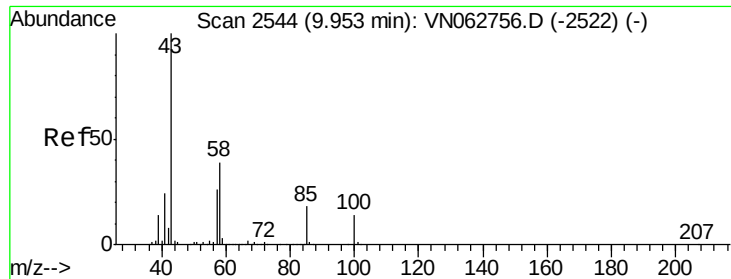
#50
Toluene-d8
Concen: 53.055 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 98 Resp: 369141
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



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

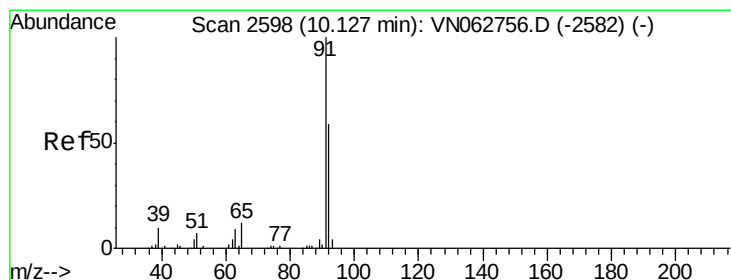
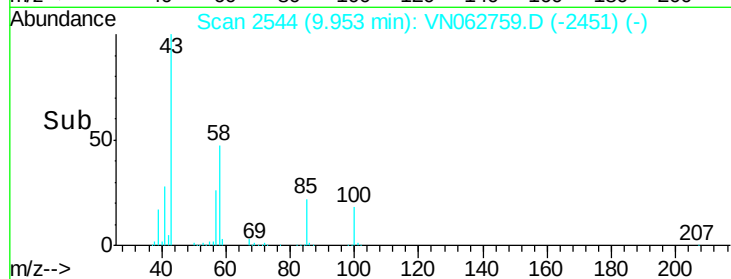
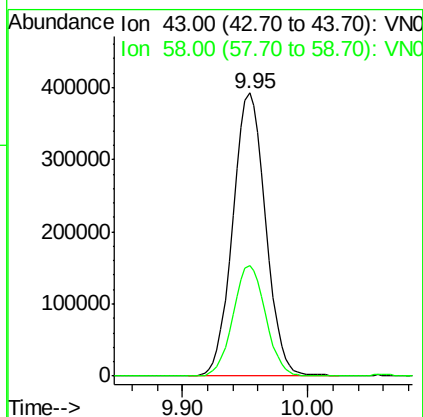
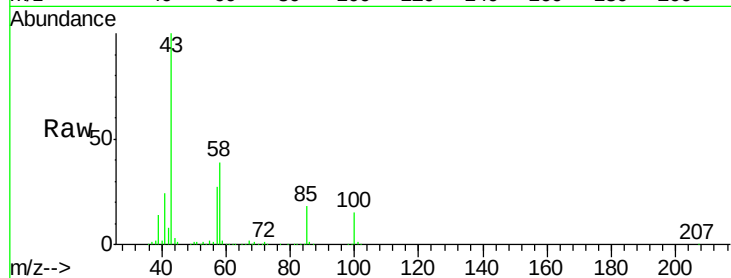




#51
 4-Methyl-2-Pentanone
 Concen: 249.042 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

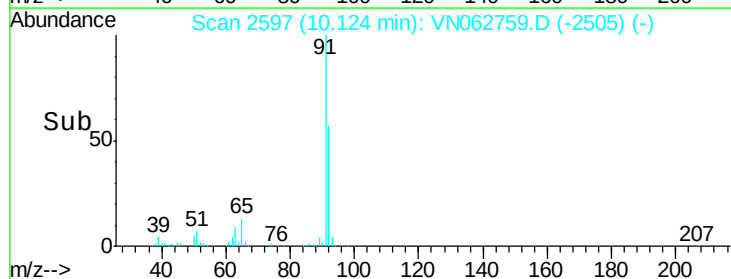
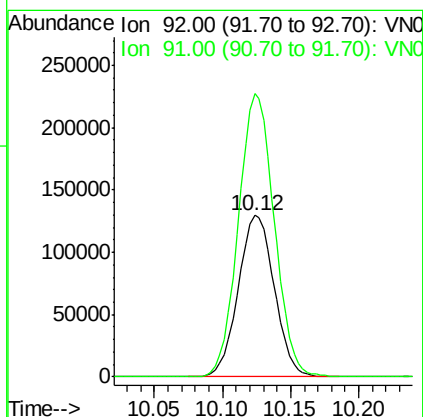
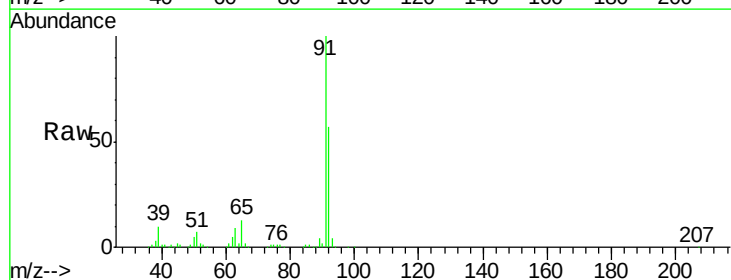
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

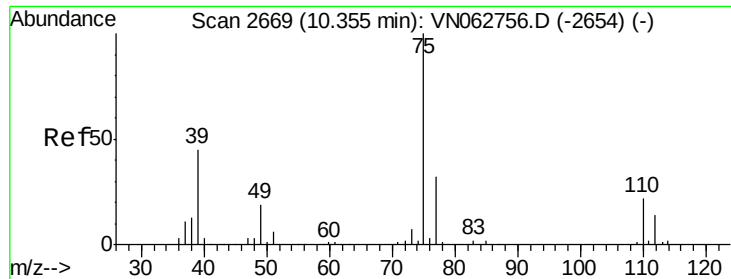
Tgt Ion: 43 Resp: 712208
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.1 46.7



#52
 Toluene
 Concen: 50.936 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion: 92 Resp: 238062
 Ion Ratio Lower Upper
 92 100
 91 174.4 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 53.318 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

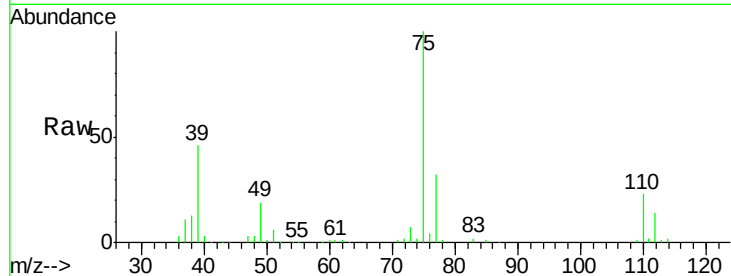
BFB

Tgt Ion: 75 Resp: 176819

Ion Ratio Lower Upper

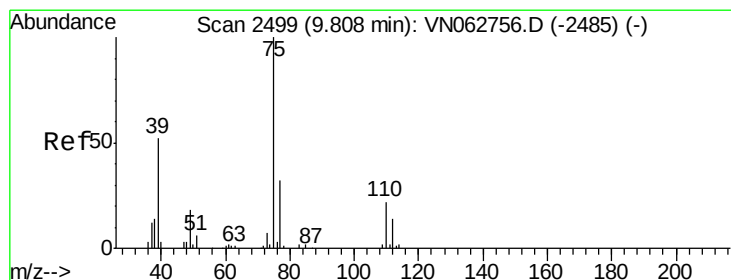
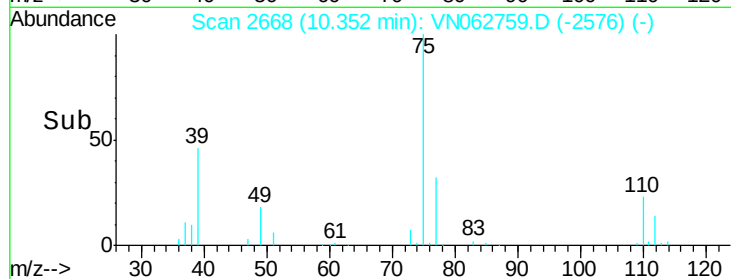
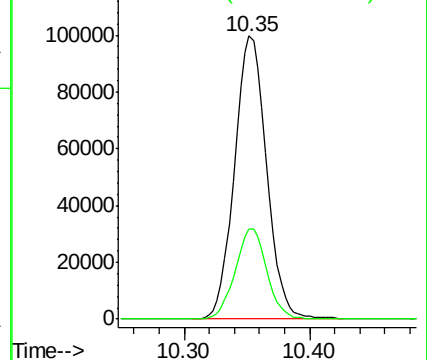
75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.694 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

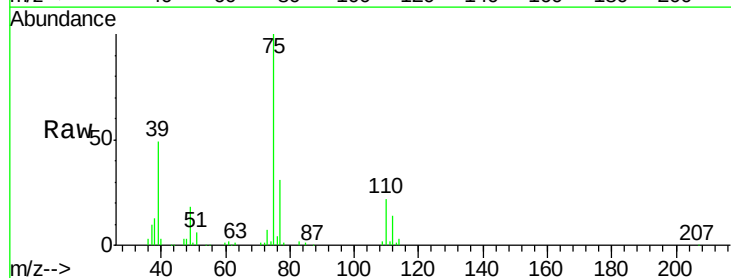
Tgt Ion: 75 Resp: 175454

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

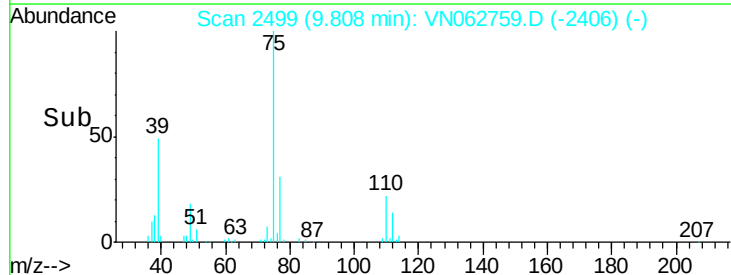
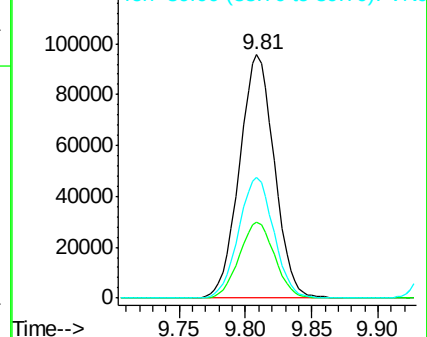
39 49.4 41.9 62.9

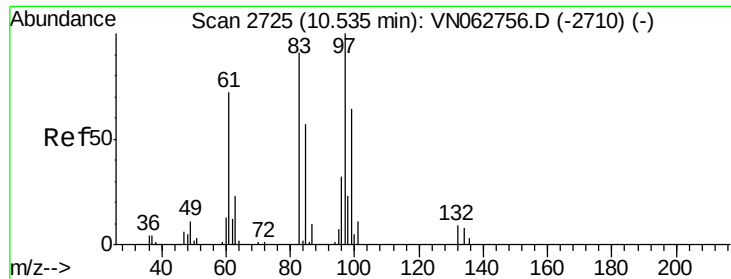


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.789 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

BFB

Tgt Ion: 97 Resp: 99385

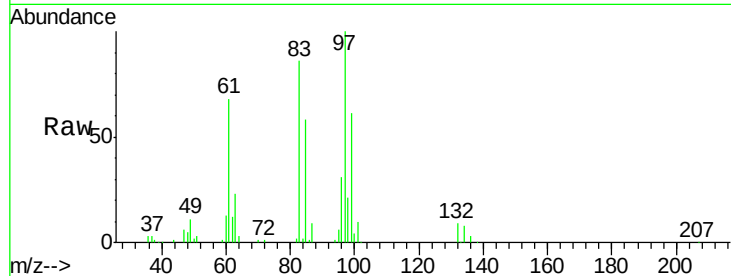
Ion Ratio Lower Upper

97 100

83 85.8 72.6 108.8

85 57.9 46.0 69.0

99 61.0 51.1 76.7

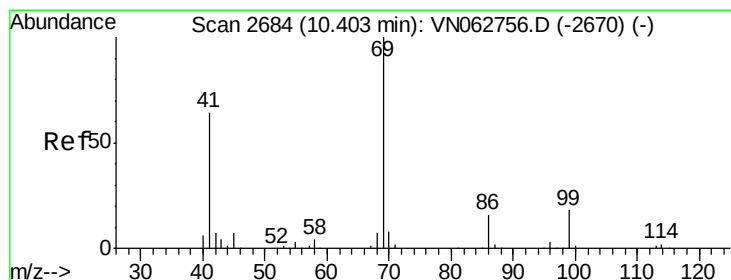
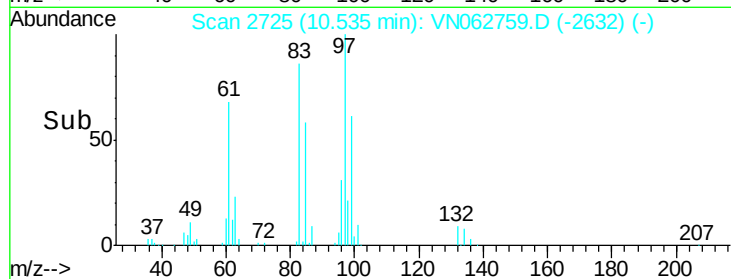
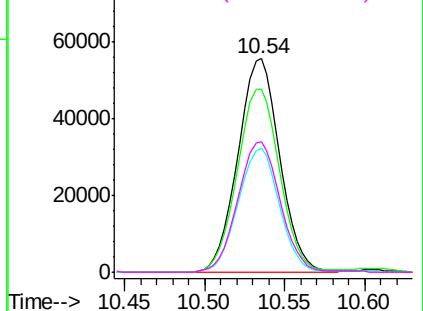


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 53.430 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

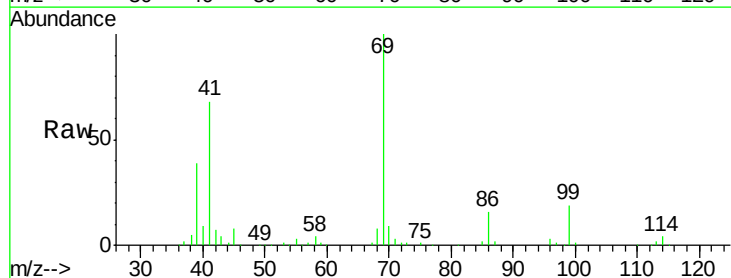
Tgt Ion: 69 Resp: 160534

Ion Ratio Lower Upper

69 100

41 67.0 52.2 78.2

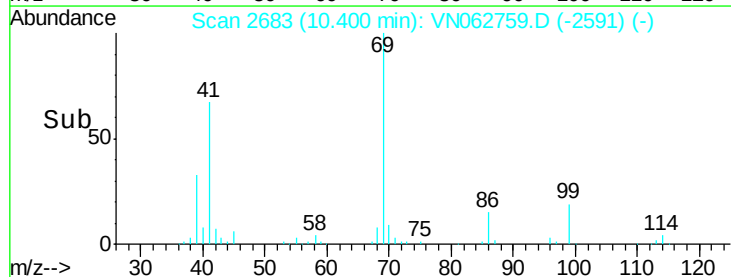
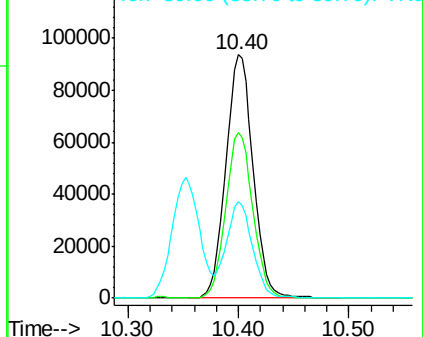
39 38.1 30.9 46.3

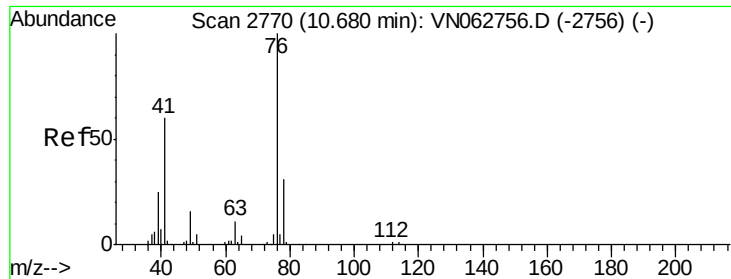


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

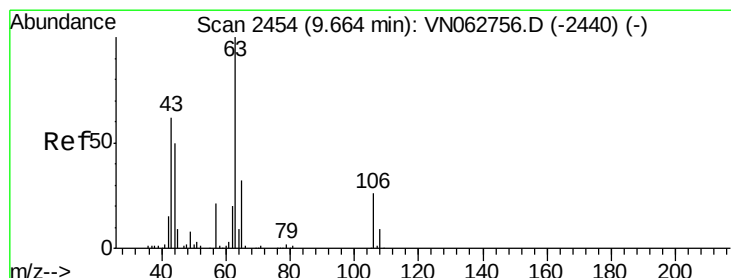
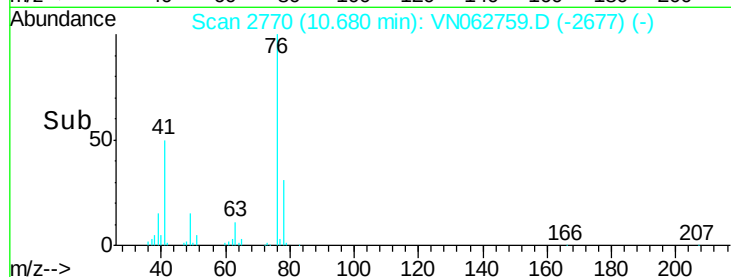
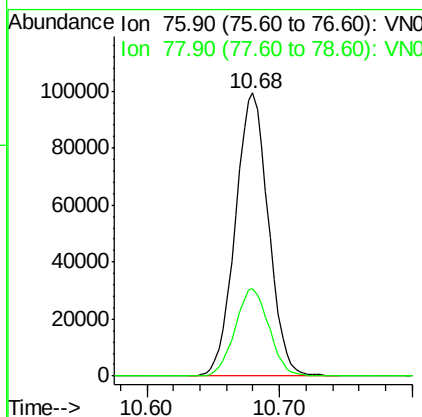
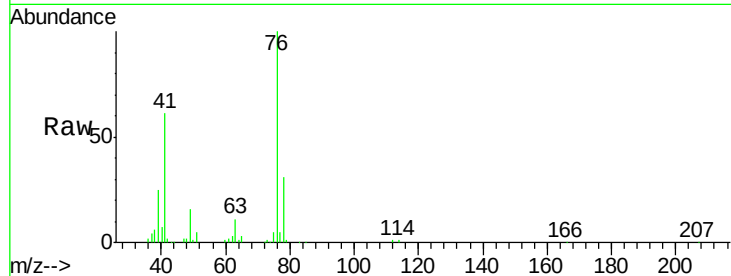




#57
 1,3-Dichloropropane
 Concen: 50.689 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

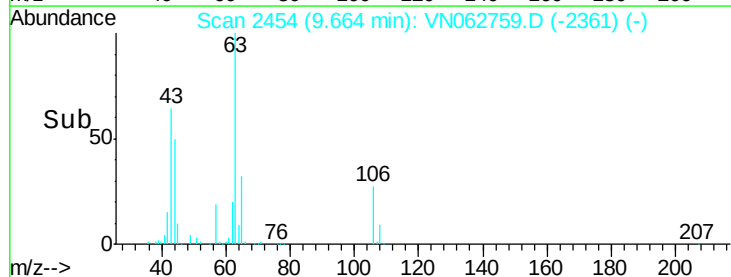
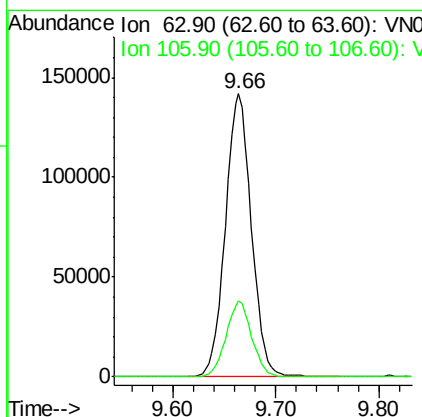
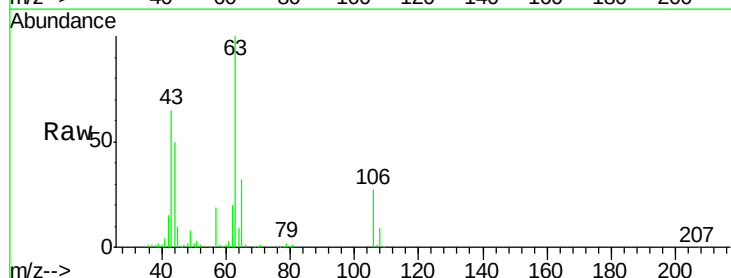
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

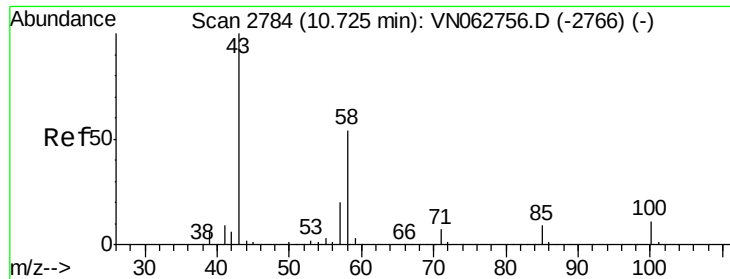
Tgt Ion: 76 Resp: 171921
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 292.771 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion: 63 Resp: 248646
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.9 31.3

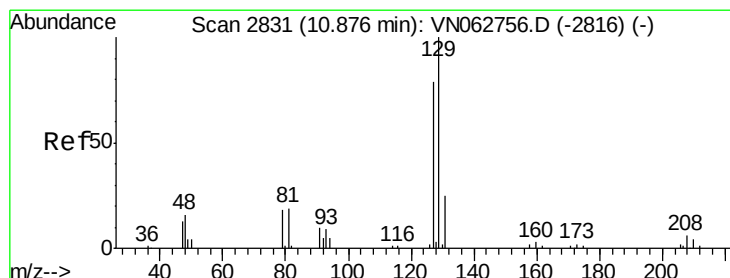
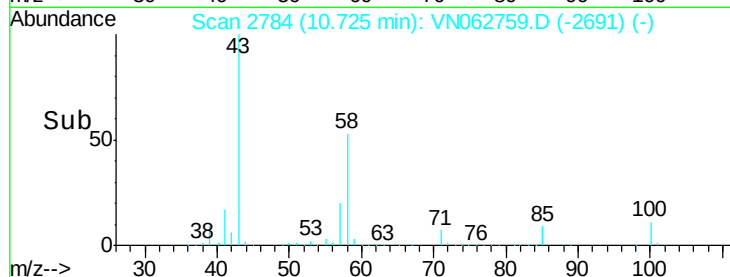
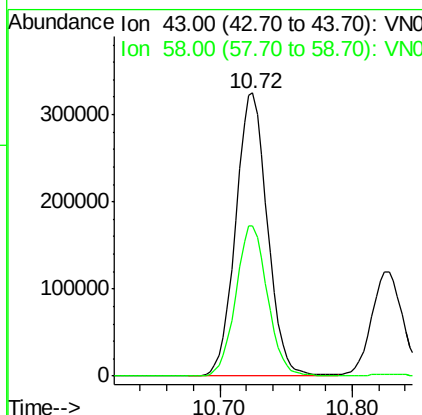
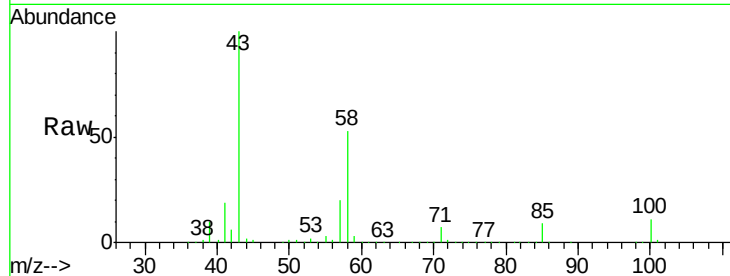




#59
2-Hexanone
Concen: 253.169 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

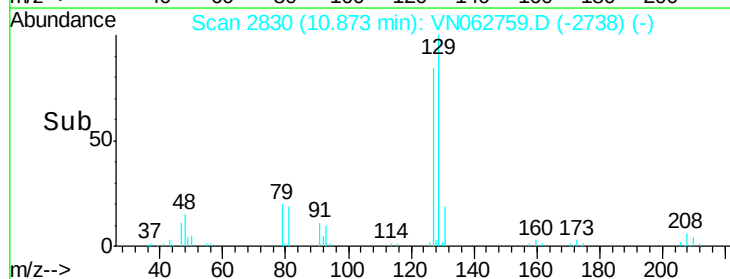
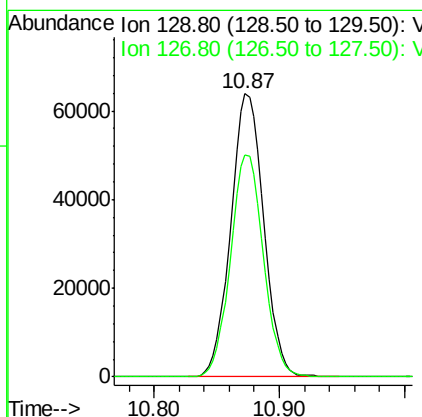
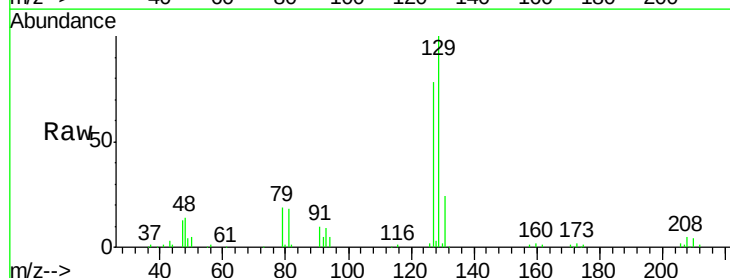
Instrument :
MSVOA_N
ClientSampled :
BFB

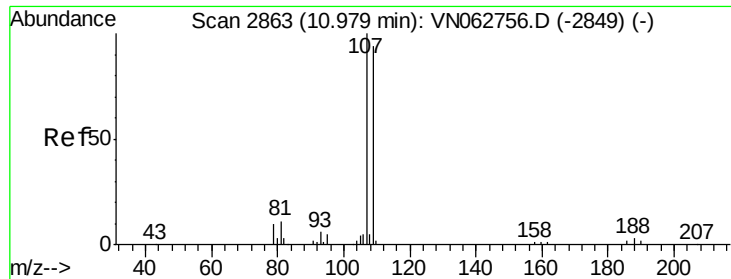
Tgt Ion: 43 Resp: 540069
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.1



#60
Dibromochloromethane
Concen: 51.215 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 129 Resp: 116664
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

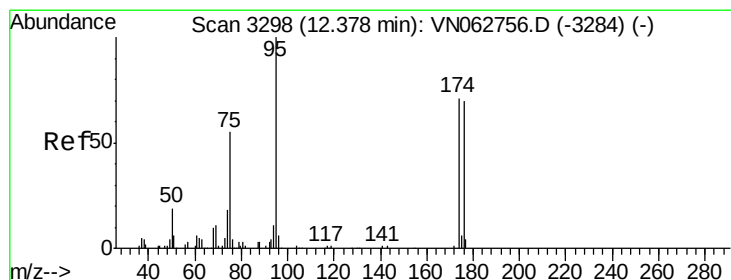
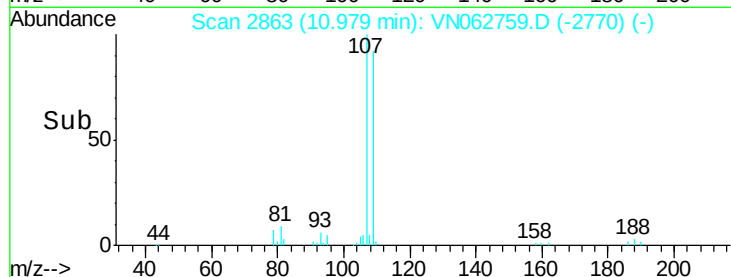
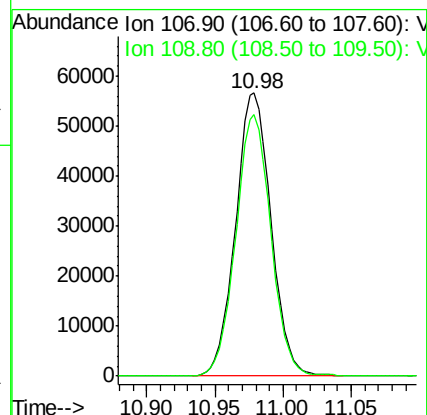
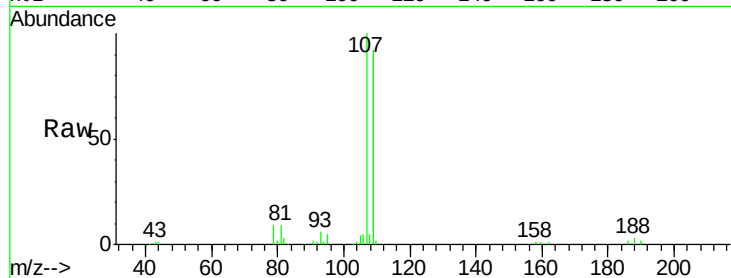




#61
 1,2-Dibromoethane
 Concen: 51.767 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

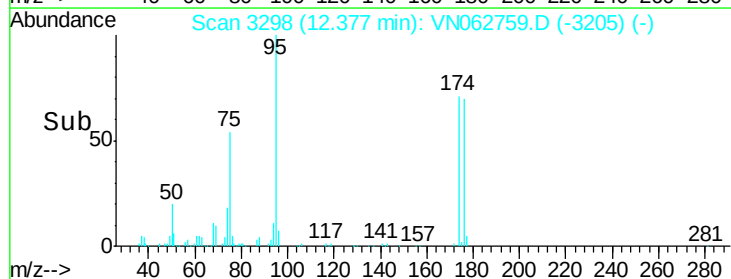
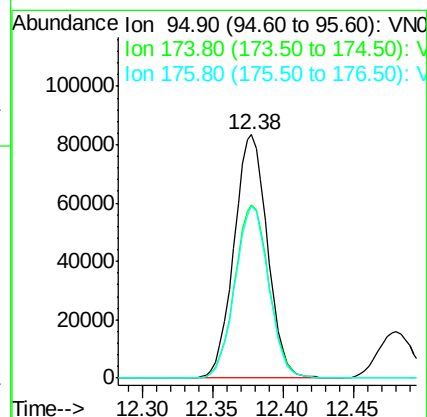
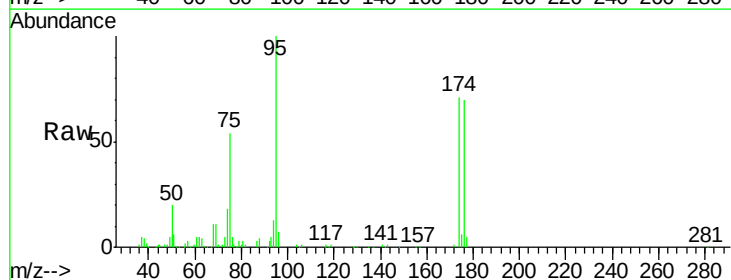
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

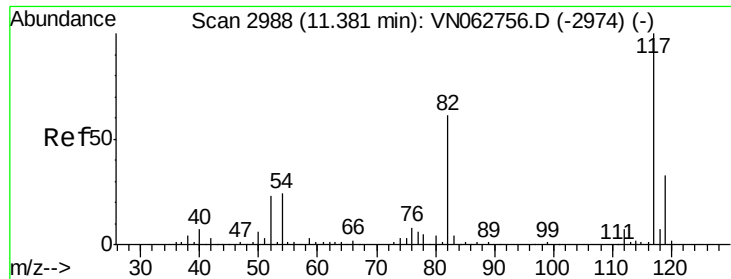
Tgt Ion: 107 Resp: 101965
 Ion Ratio Lower Upper
 107 100
 109 91.9 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 52.613 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion: 95 Resp: 138335
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 144.8
 176 70.9 0.0 142.2

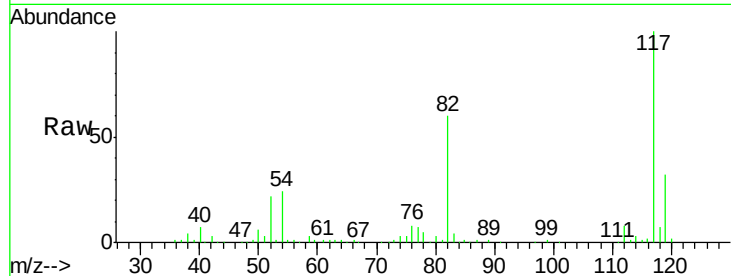




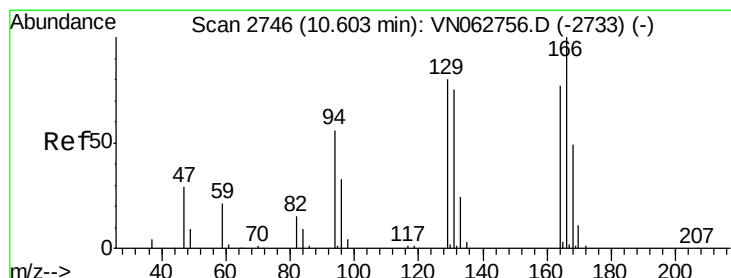
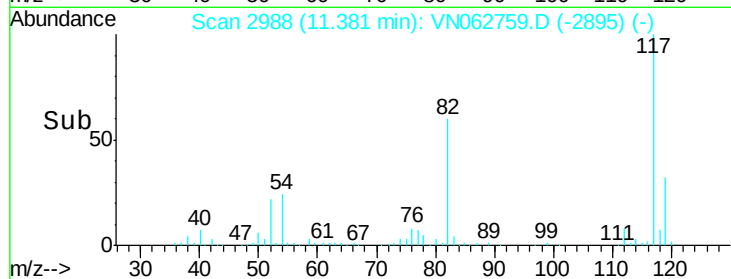
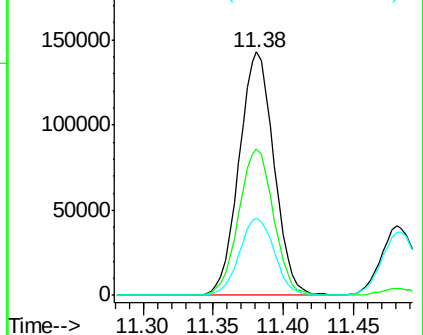
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion:117 Resp: 247920
Ion Ratio Lower Upper
117 100
82 60.3 49.0 73.4
119 31.6 26.2 39.2

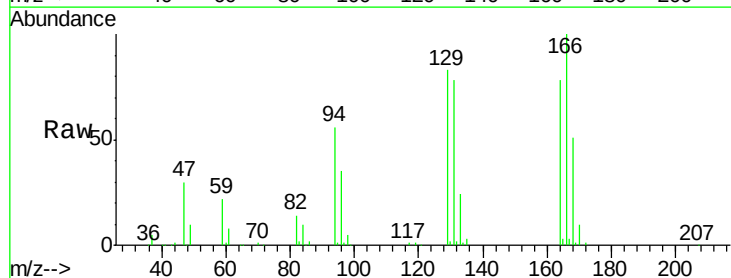


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

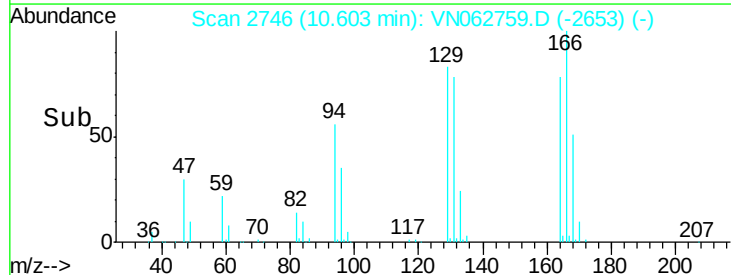
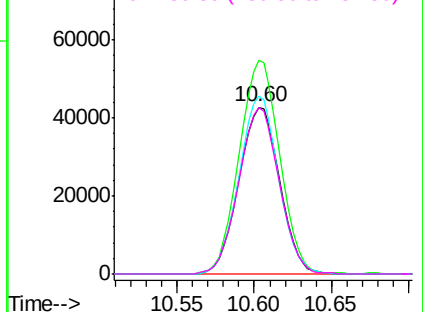


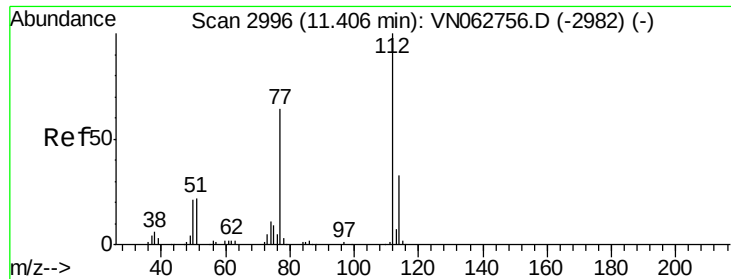
#64
Tetrachloroethene
Concen: 48.963 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion:164 Resp: 78321
Ion Ratio Lower Upper
164 100
166 127.9 103.8 155.8
129 106.7 82.7 124.1
131 99.8 78.2 117.2



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

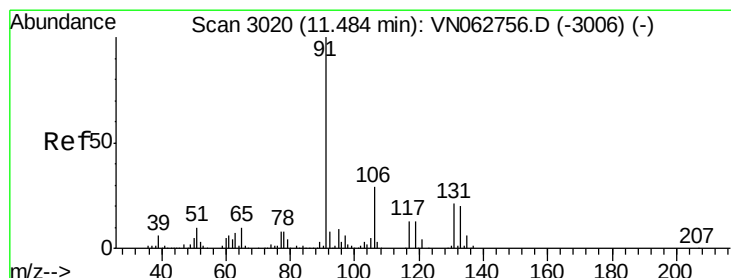
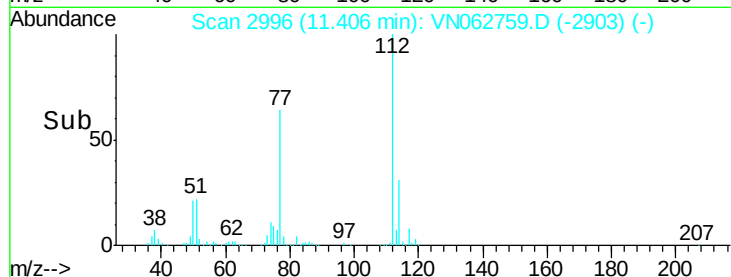
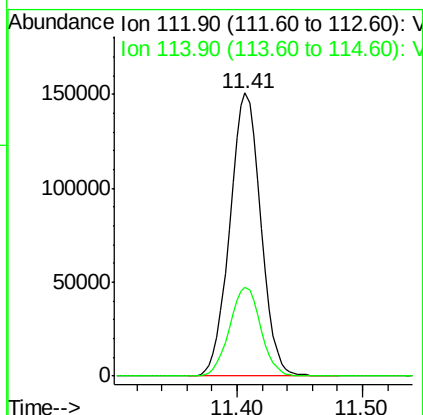
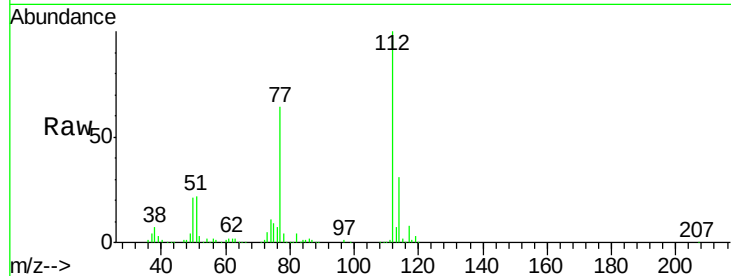




#65
Chlorobenzene
Concen: 49.784 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

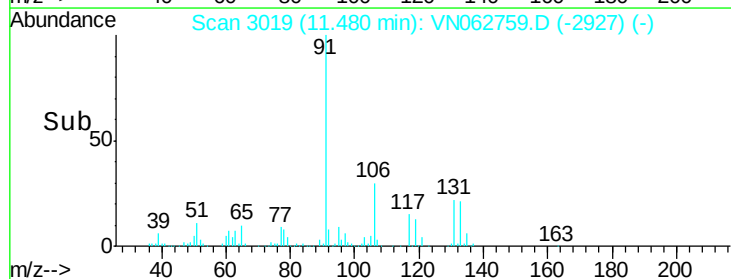
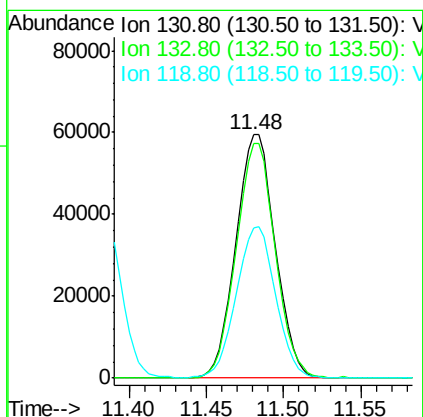
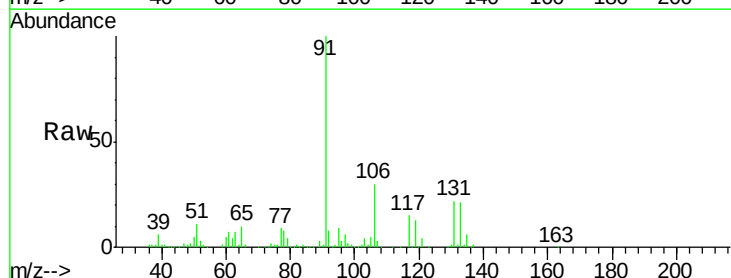
Instrument :
MSVOA_N
ClientSampleId :
BFB

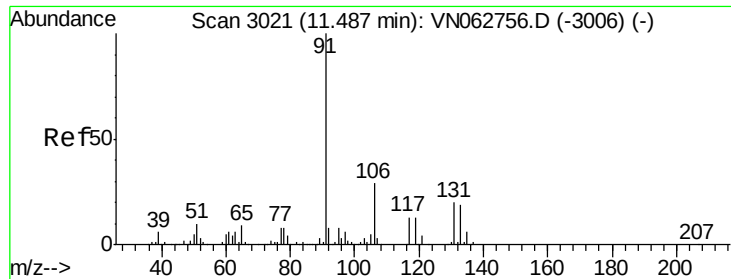
Tgt Ion:112 Resp: 258006
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.694 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion:131 Resp: 105502
Ion Ratio Lower Upper
131 100
133 95.5 48.6 145.8
119 62.1 32.2 96.6

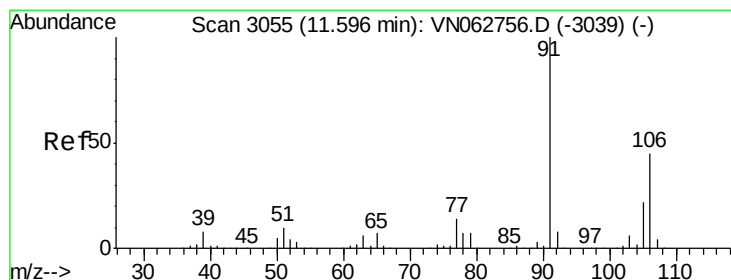
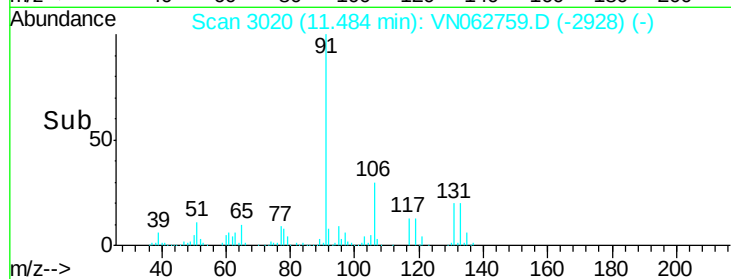
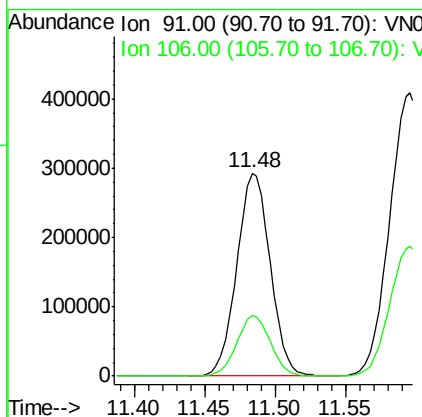
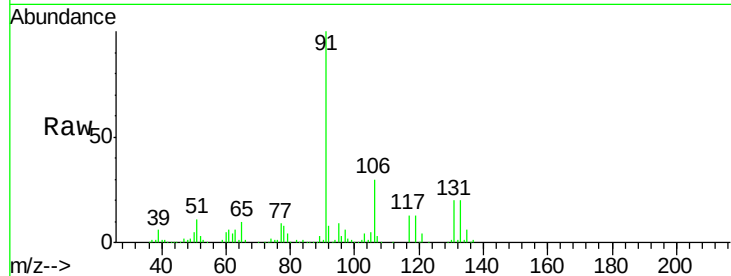




#67
Ethyl Benzene
Concen: 52.588 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

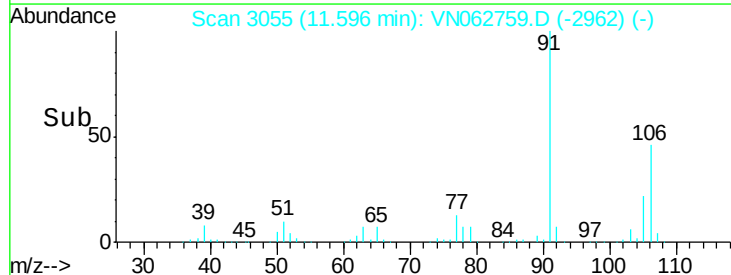
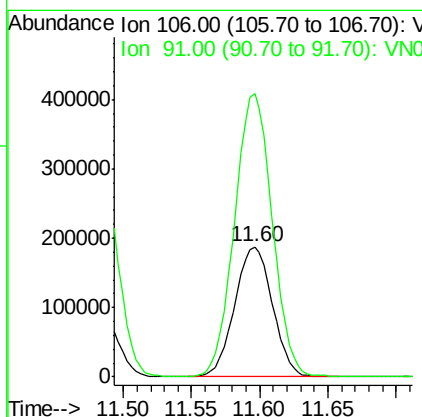
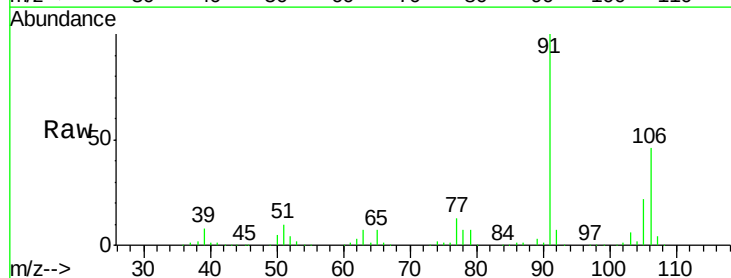
Instrument :
MSVOA_N
ClientSampled :
BFB

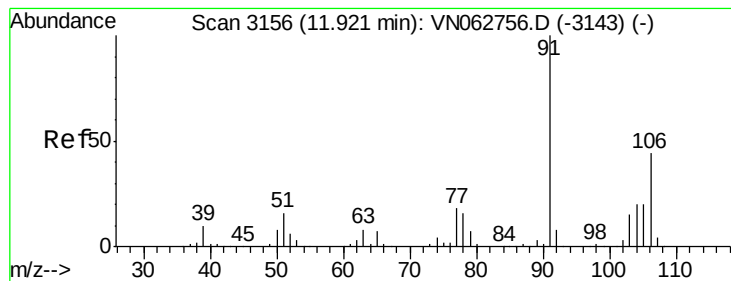
Tgt Ion: 91 Resp: 487699
Ion Ratio Lower Upper
91 100
106 30.0 23.2 34.8



#68
m/p-Xylenes
Concen: 106.591 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion: 106 Resp: 358834
Ion Ratio Lower Upper
106 100
91 217.9 175.9 263.9





#69

o-Xylene

Concen: 55.334 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

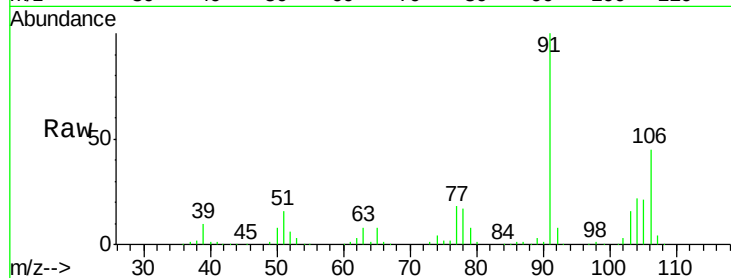
BFB

Tgt Ion:106 Resp: 174569

Ion Ratio Lower Upper

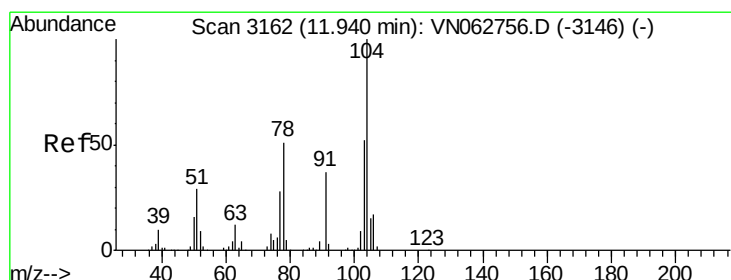
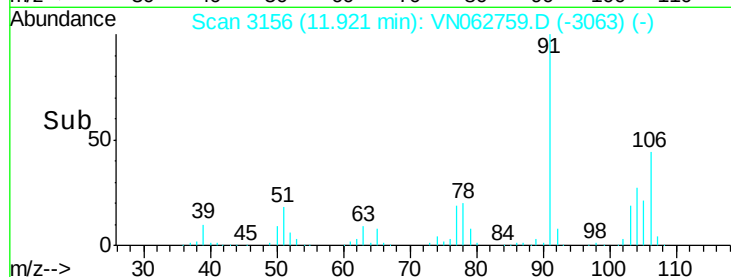
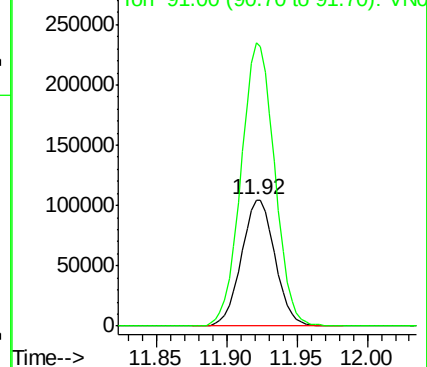
106 100

91 224.8 115.8 347.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 54.739 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

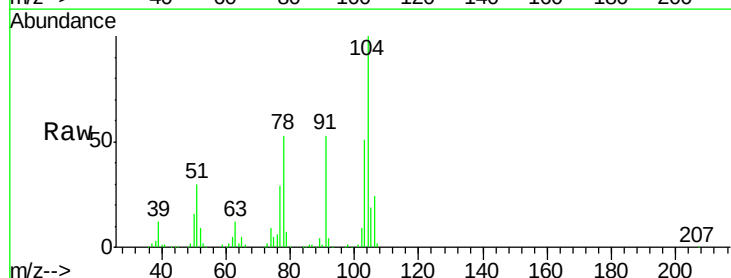
Tgt Ion:104 Resp: 303551

Ion Ratio Lower Upper

104 100

78 57.4 45.9 68.9

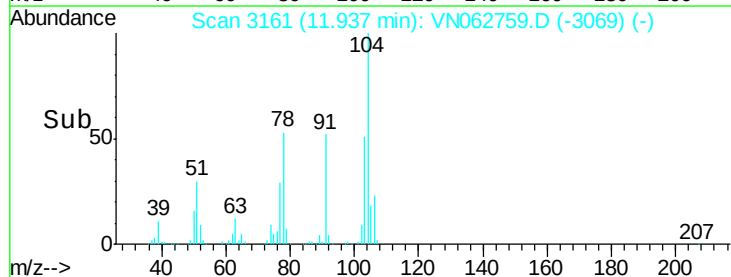
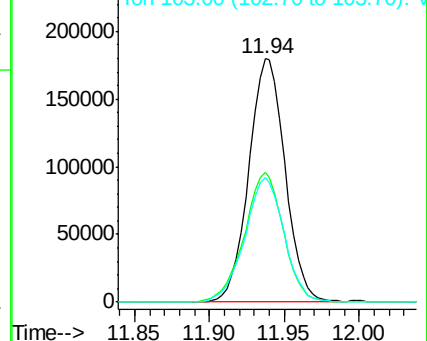
103 55.4 45.1 67.7

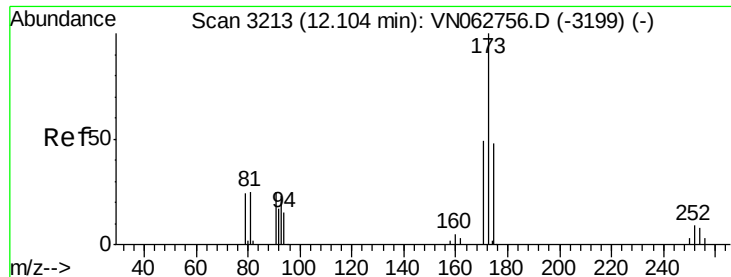


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.733 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

BFB

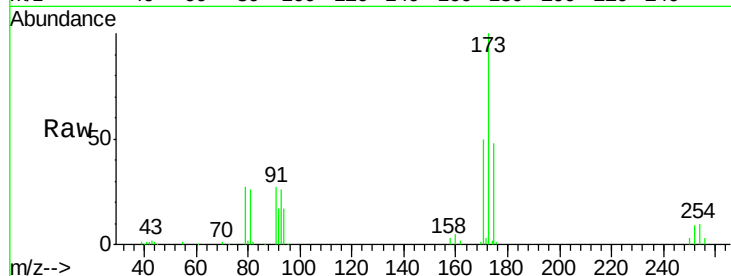
Tgt Ion:173 Resp: 82982

Ion Ratio Lower Upper

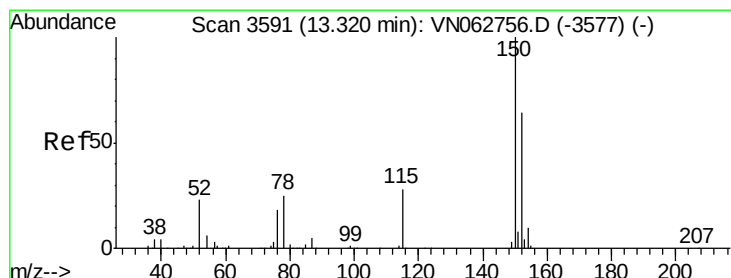
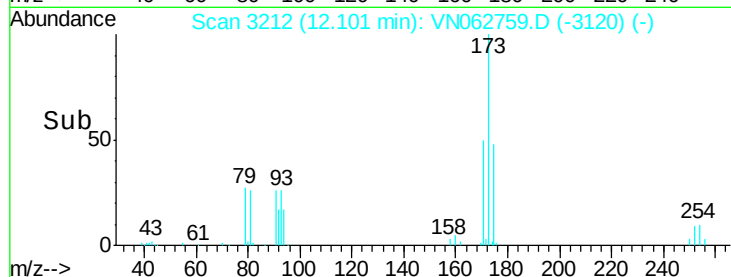
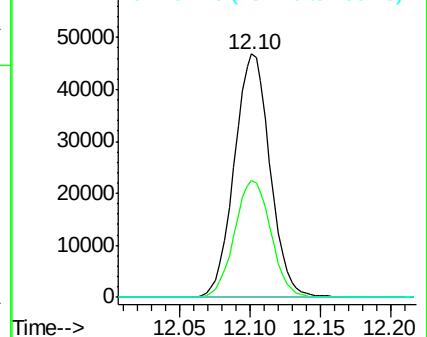
173 100

175 48.8 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

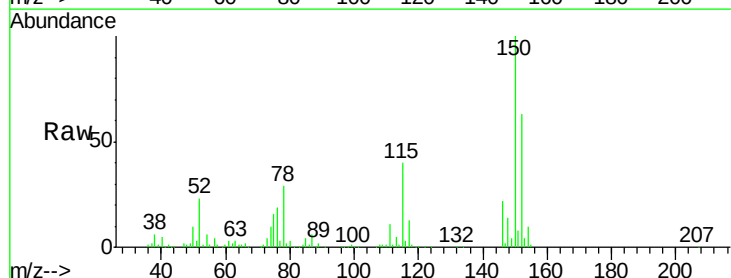
Tgt Ion:152 Resp: 123895

Ion Ratio Lower Upper

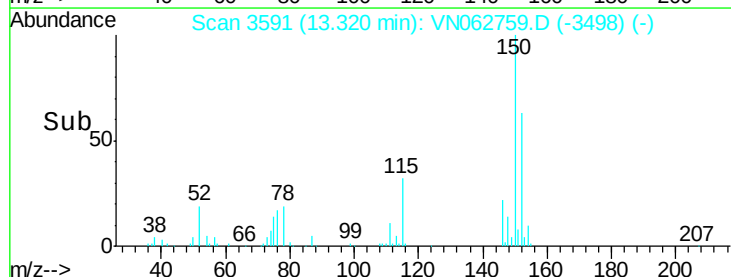
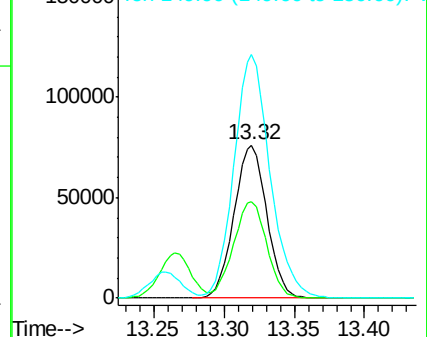
152 100

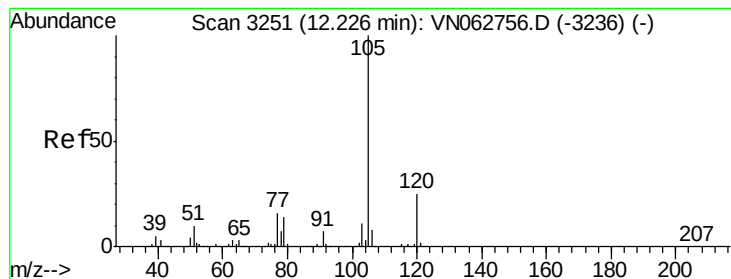
115 64.1 31.6 94.8

150 175.0 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: 52.158 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

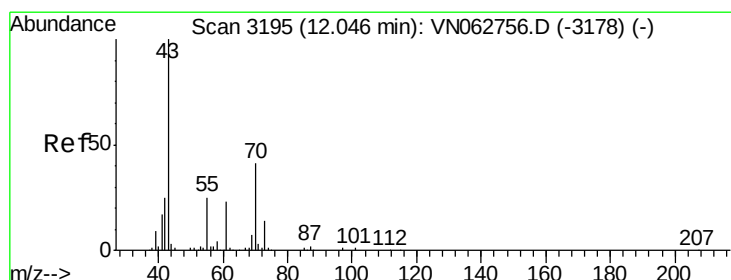
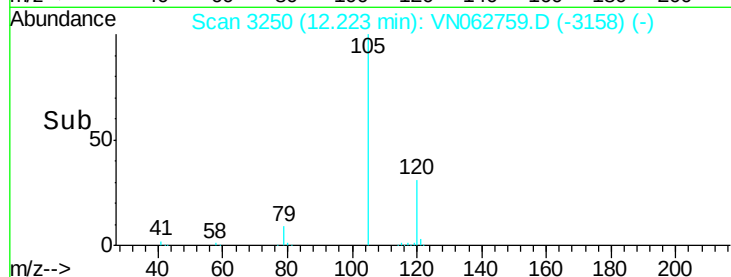
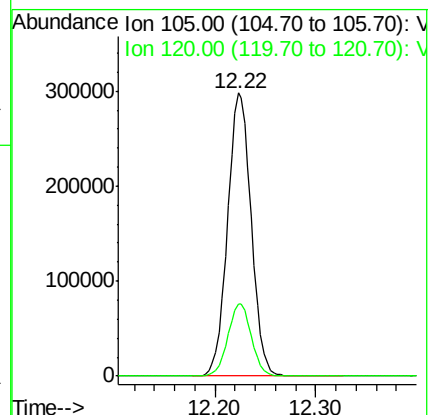
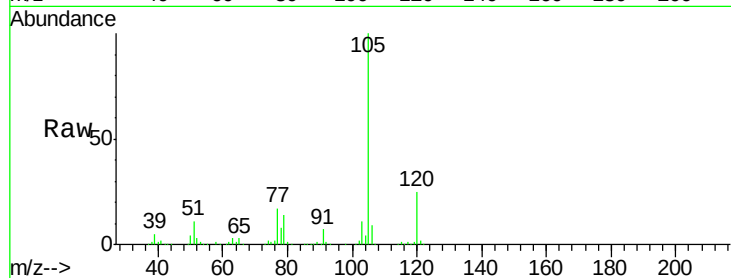
BFB

Tgt Ion:105 Resp: 486591

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



#74

N-ethyl acetate

Concen: 52.835 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Tgt Ion: 43 Resp: 199749

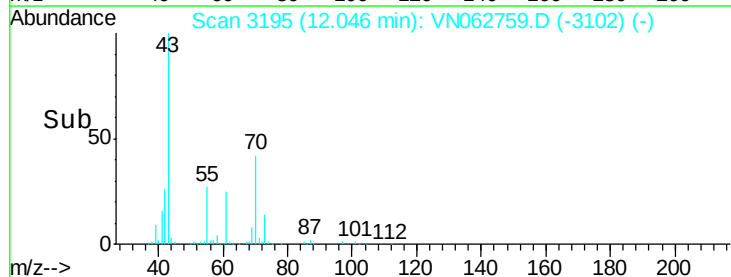
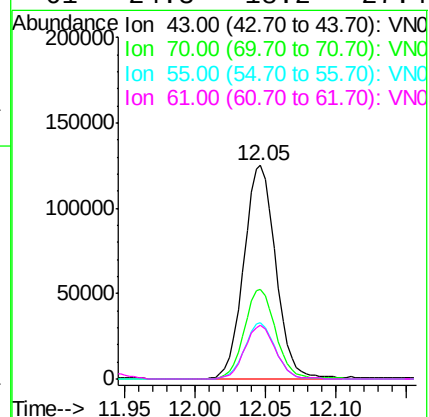
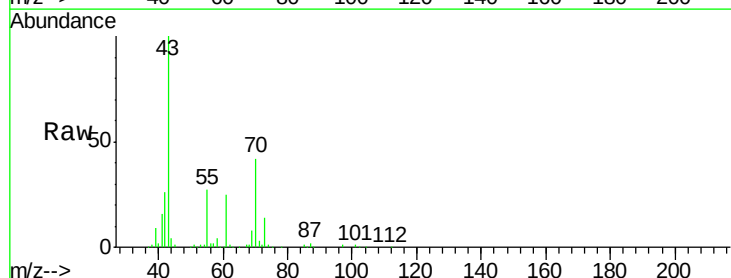
Ion Ratio Lower Upper

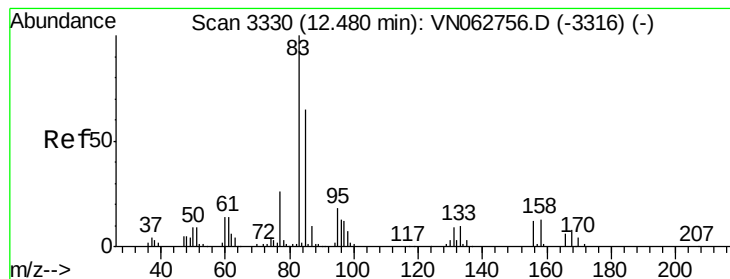
43 100

70 41.2 32.3 48.5

55 25.4 20.2 30.2

61 24.3 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.085 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

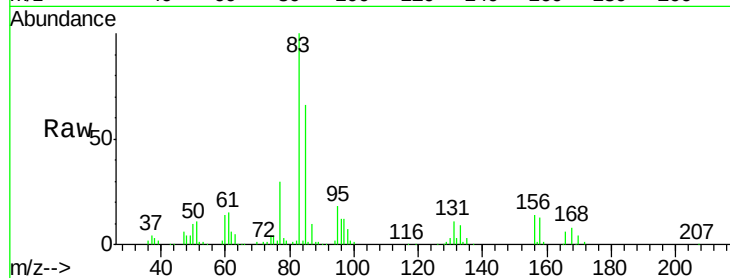
Tgt Ion: 83 Resp: 151348

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

85 64.2 31.9 95.9

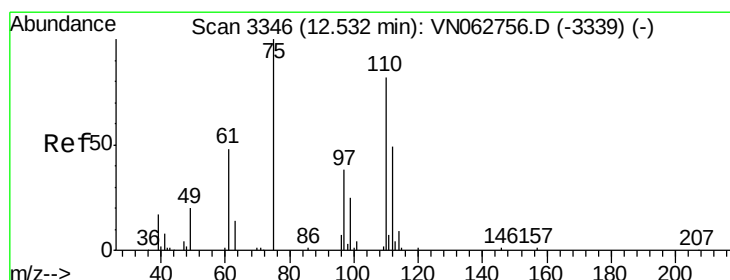
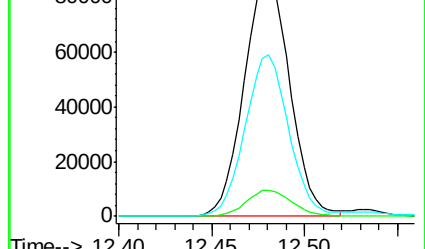
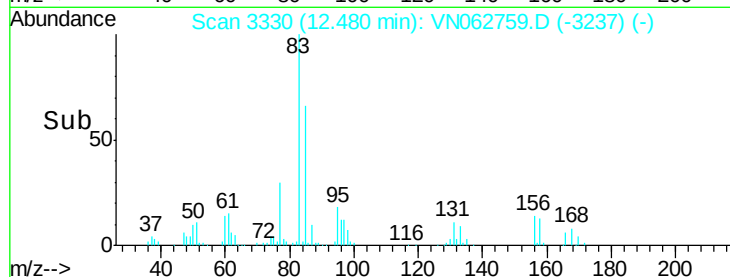


Abundance Ion 82.90 (82.60 to 83.60): VN062759.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062759.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062759.D (-3237) (-)

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 63.415 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062759.D

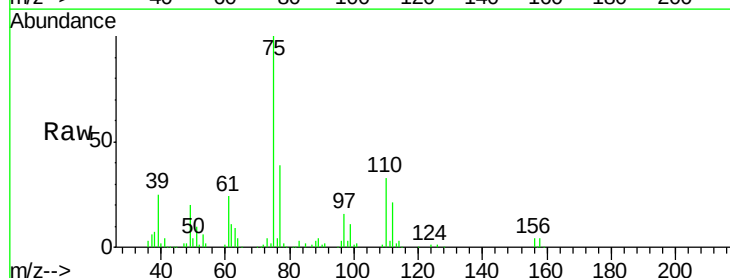
Acq: 5 Aug 2020 14:00

Tgt Ion: 75 Resp: 211890

Ion Ratio Lower Upper

75 100

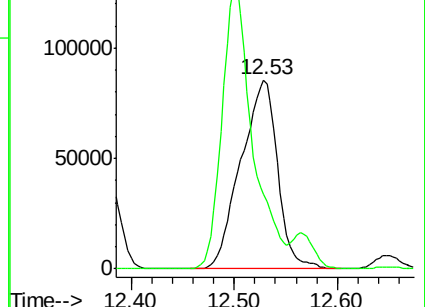
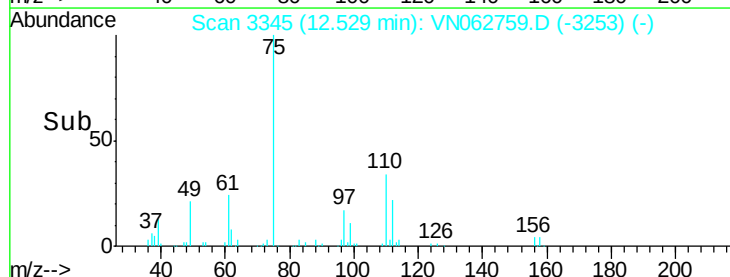
77 0.0 0.0 0.0

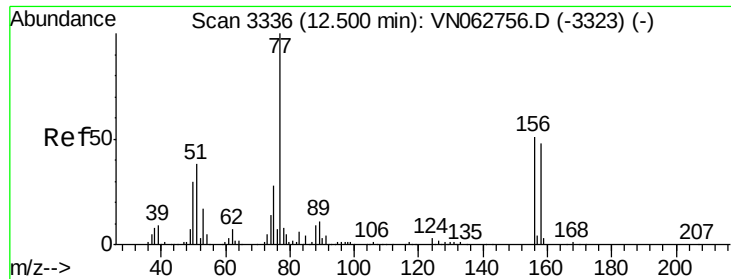


Abundance Ion 74.90 (74.60 to 75.60): VN062759.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062759.D (-3253) (-)

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 48.591 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

BFB

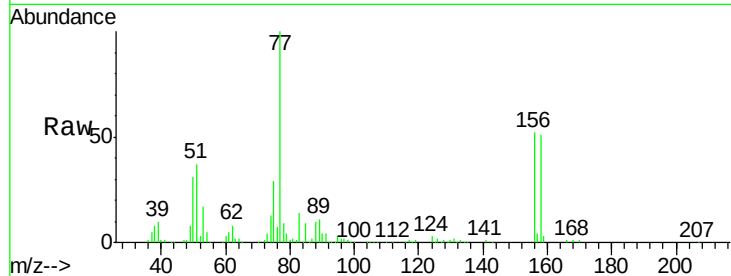
Tgt Ion:156 Resp: 112636

Ion Ratio Lower Upper

156 100

77 235.5 119.7 359.1

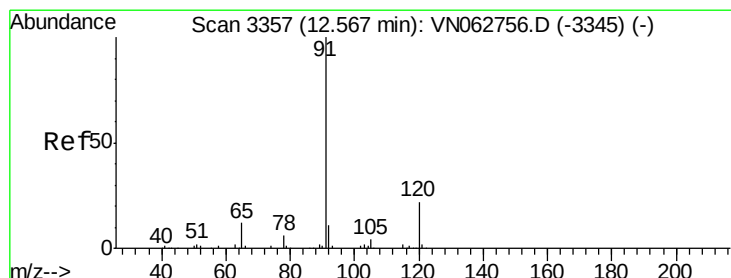
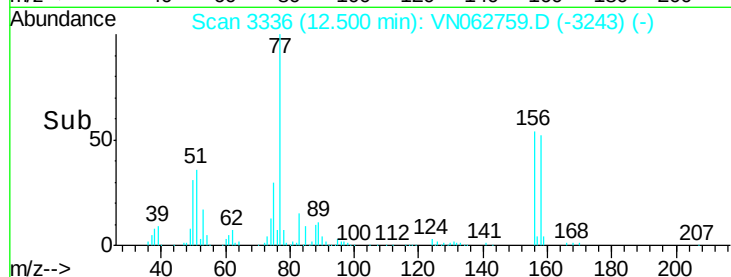
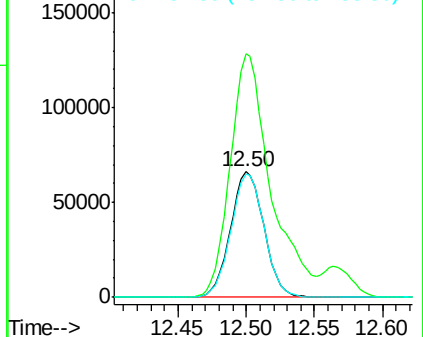
158 97.8 48.1 144.3



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: 52.941 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062759.D

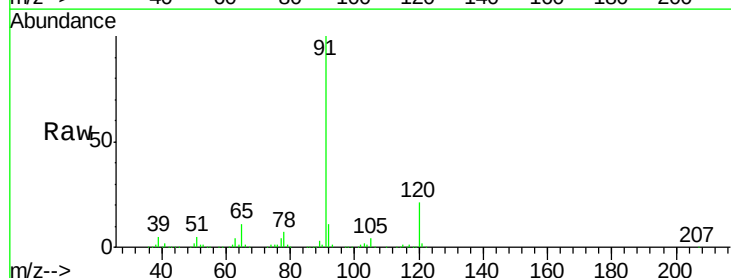
Acq: 5 Aug 2020 14:00

Tgt Ion: 91 Resp: 579758

Ion Ratio Lower Upper

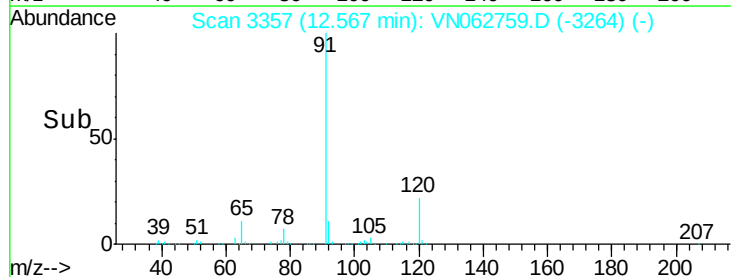
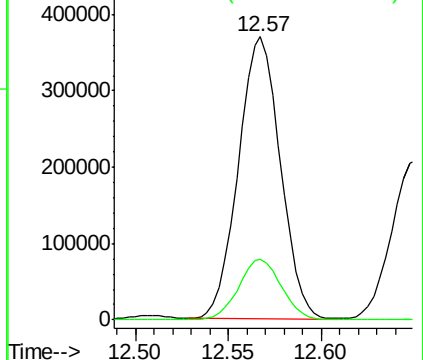
91 100

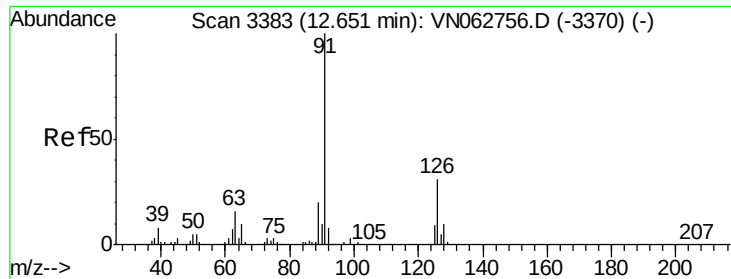
120 21.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.903 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

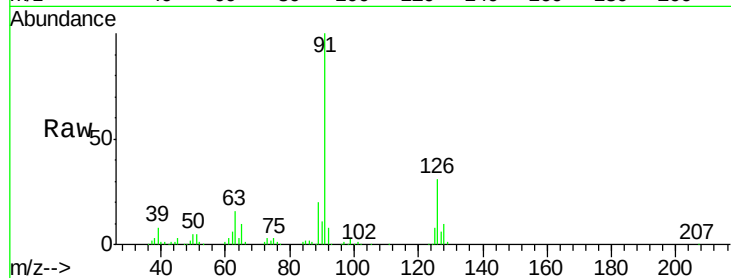
BFB

Tgt Ion: 91 Resp: 342706

Ion Ratio Lower Upper

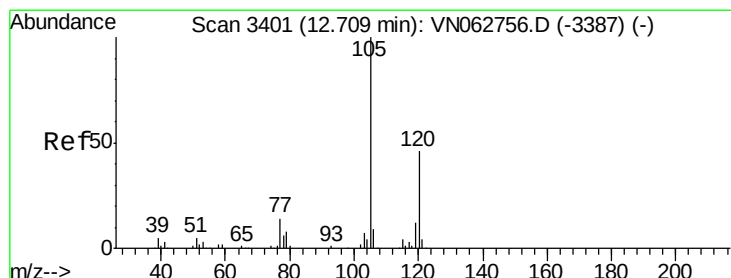
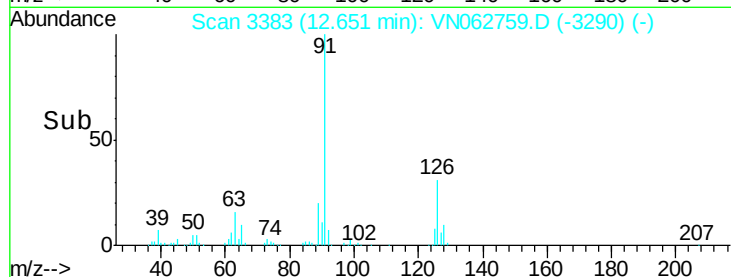
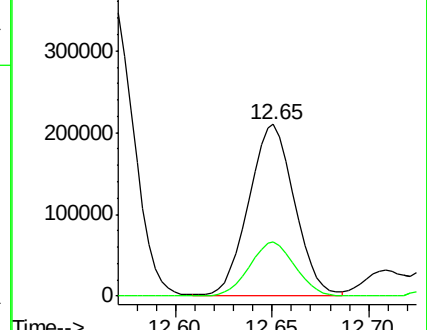
91 100

126 31.9 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062759.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062759.D (-3383) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.704 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062759.D

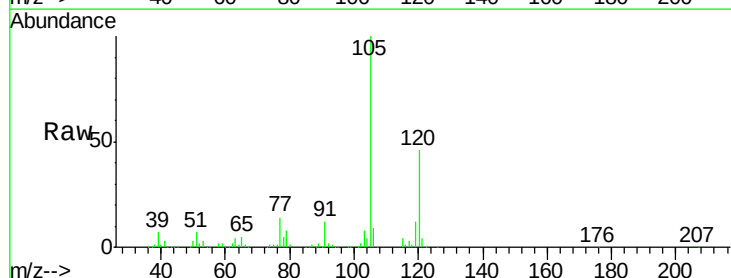
Acq: 5 Aug 2020 14:00

Tgt Ion: 105 Resp: 434659

Ion Ratio Lower Upper

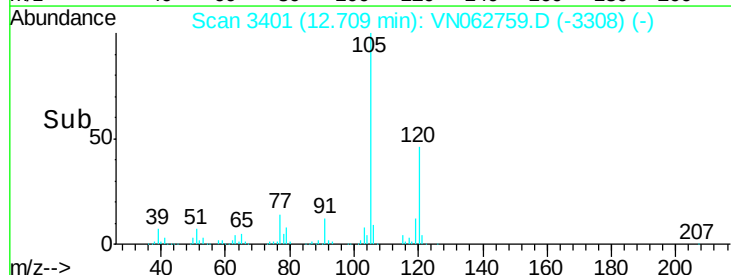
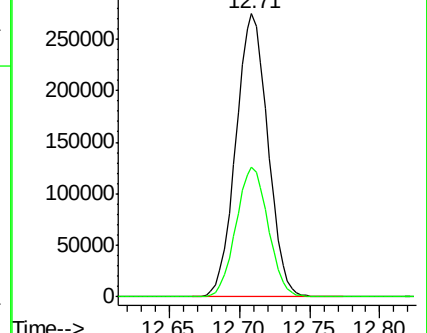
105 100

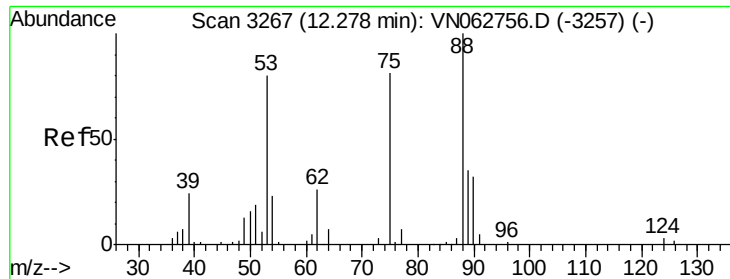
120 46.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062759.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062759.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.047 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

BFB

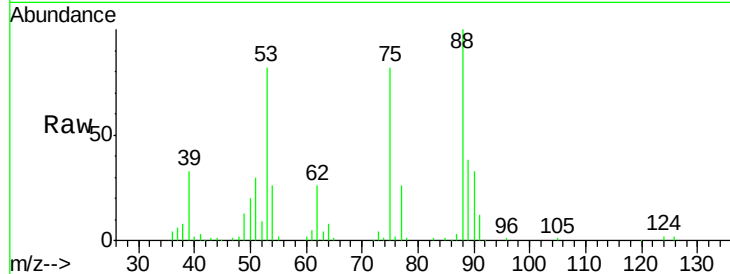
Tgt Ion: 75 Resp: 56967

Ion Ratio Lower Upper

75 100

53 95.9 79.1 118.7

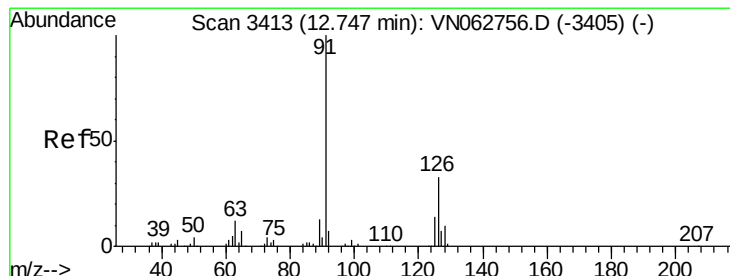
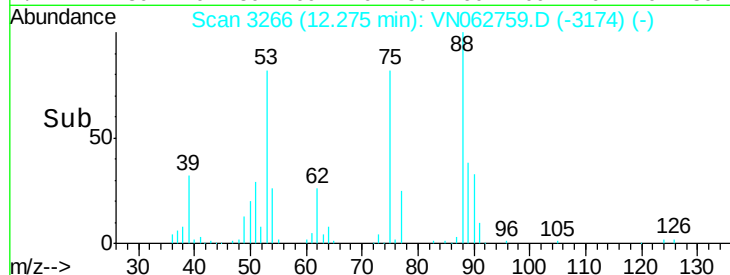
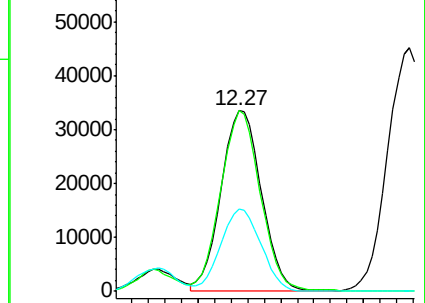
89 45.5 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.705 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062759.D

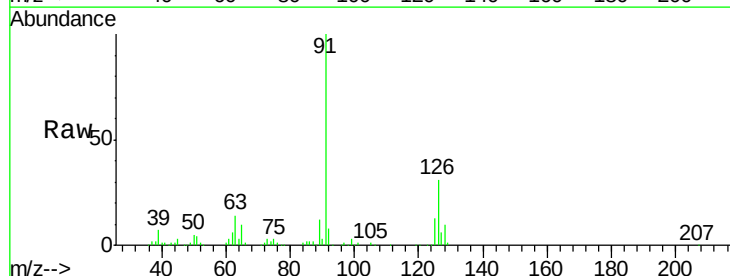
Acq: 5 Aug 2020 14:00

Tgt Ion: 91 Resp: 365915

Ion Ratio Lower Upper

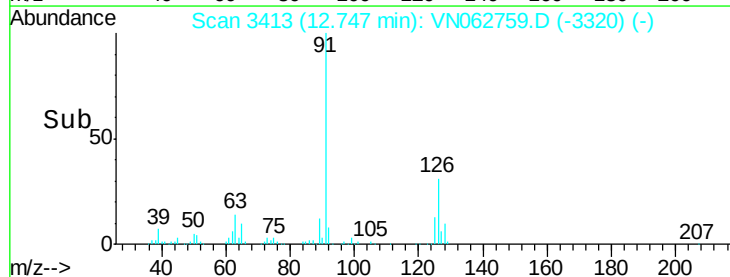
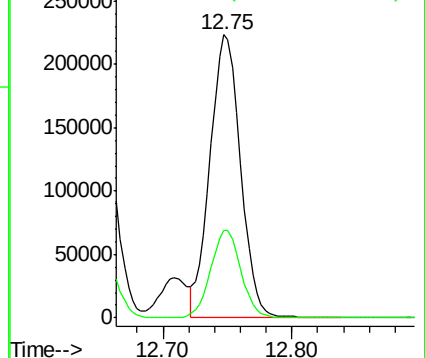
91 100

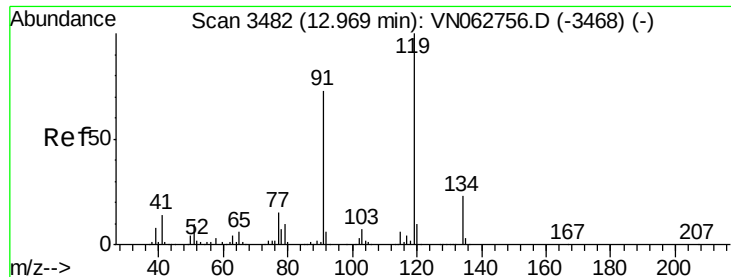
126 30.8 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

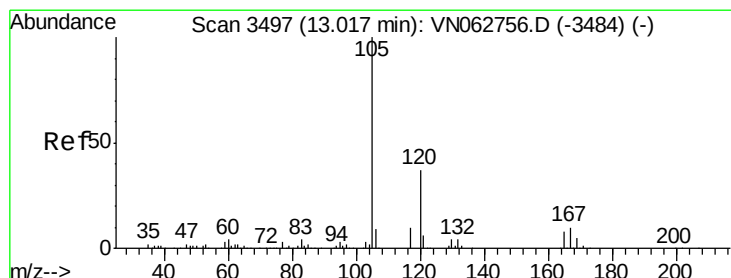
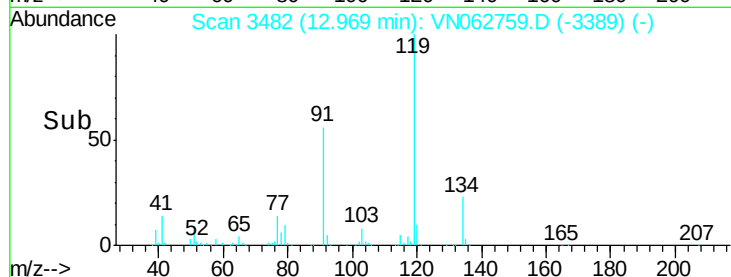
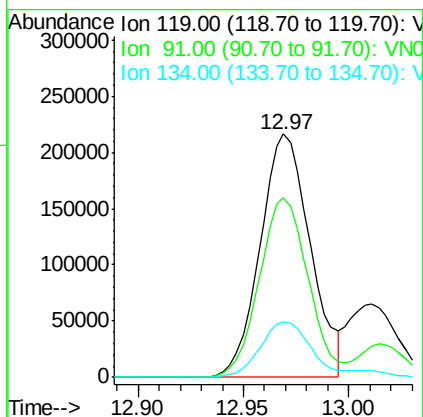
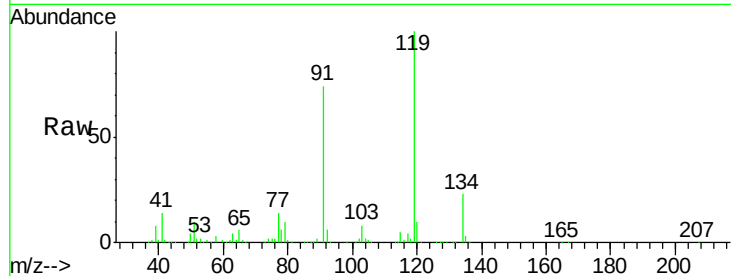




#83
 tert-Butylbenzene
 Concen: 52.267 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

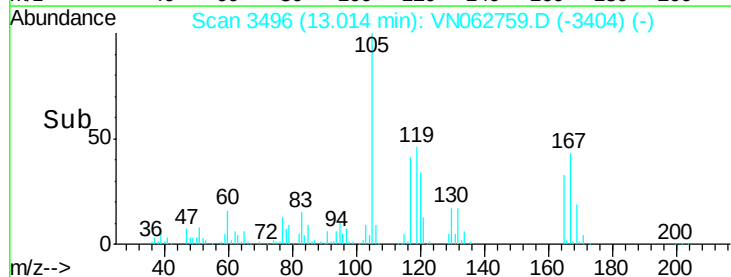
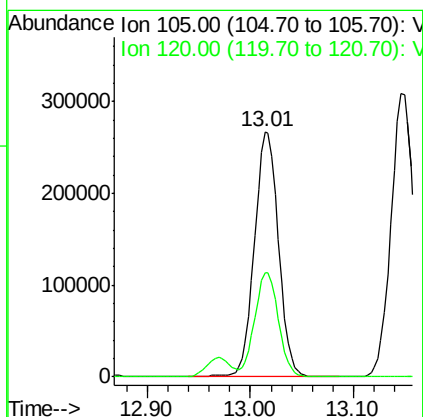
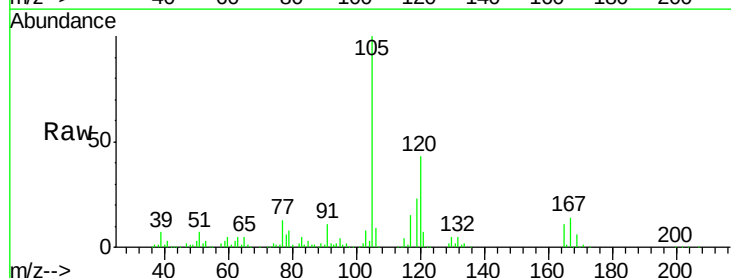
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

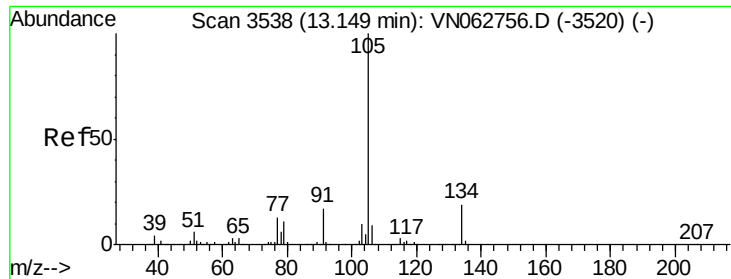
Tgt Ion:119 Resp: 357952
 Ion Ratio Lower Upper
 119 100
 91 72.1 36.5 109.5
 134 23.2 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.766 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion:105 Resp: 431795
 Ion Ratio Lower Upper
 105 100
 120 41.9 21.4 64.2





#85

sec-Butylbenzene

Concen: 53.743 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

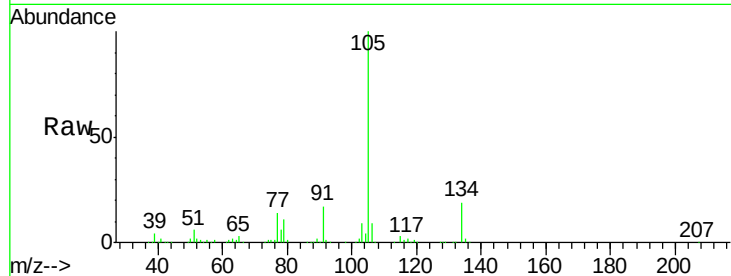
BFB

Tgt Ion:105 Resp: 483338

Ion Ratio Lower Upper

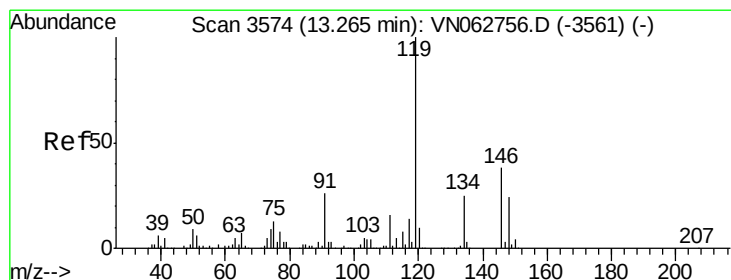
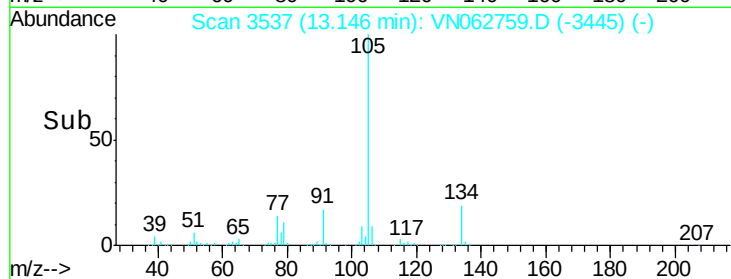
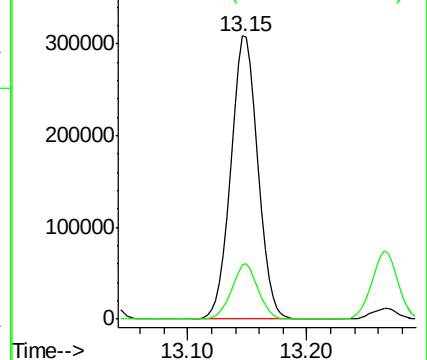
105 100

134 19.1 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.108 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

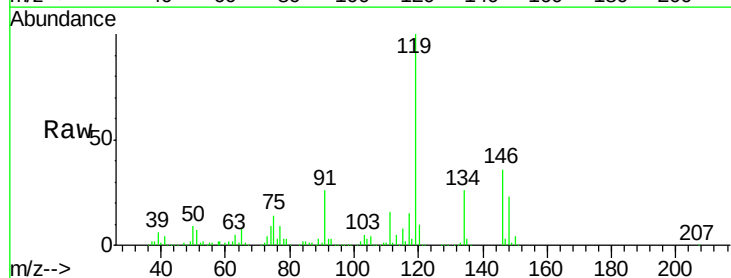
Tgt Ion:119 Resp: 439926

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

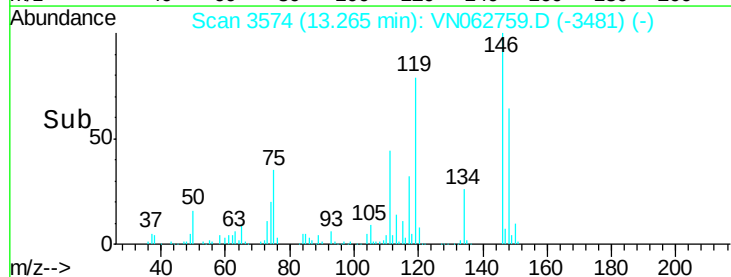
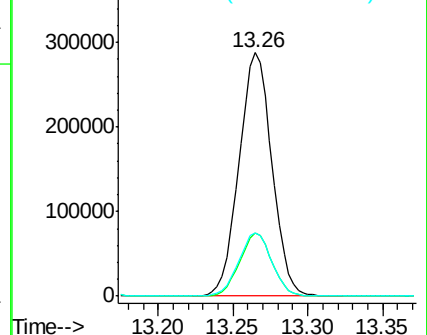
91 26.1 13.4 40.2

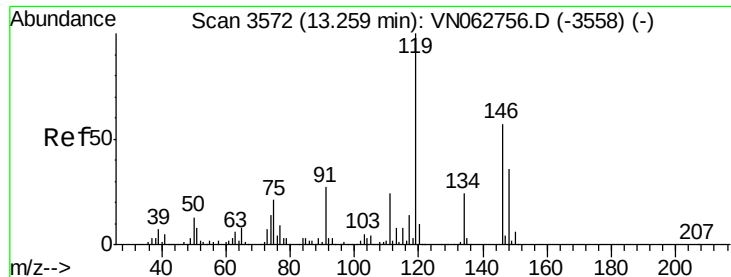


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.691 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

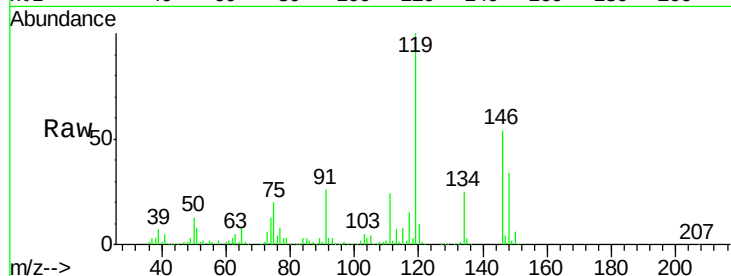
Tgt Ion:146 Resp: 209915

Ion Ratio Lower Upper

146 100

111 44.4 21.7 65.1

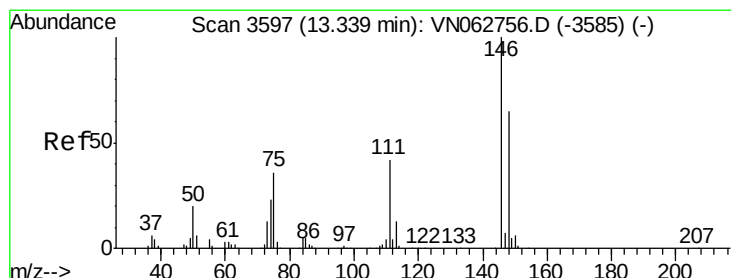
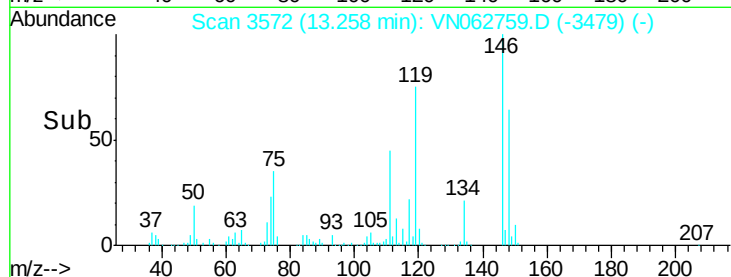
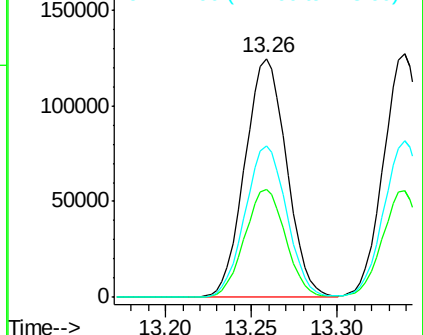
148 63.2 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.239 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

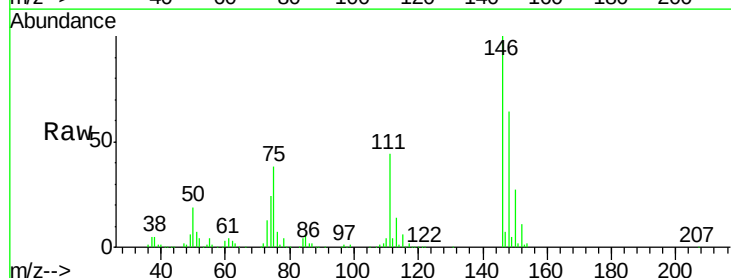
Tgt Ion:146 Resp: 208665

Ion Ratio Lower Upper

146 100

111 43.6 21.6 64.6

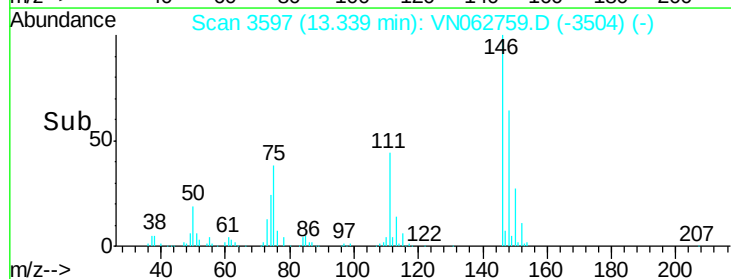
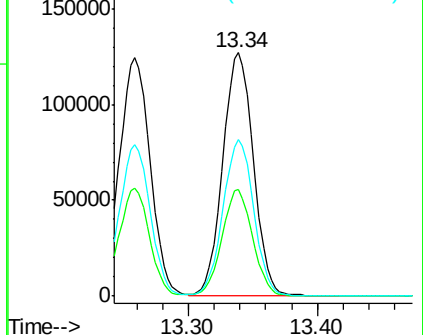
148 64.7 32.6 97.8

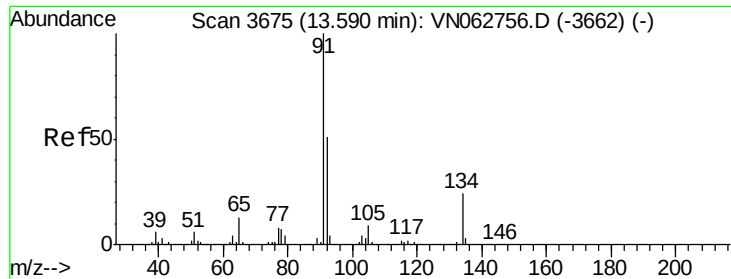


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 55.257 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062759.D

Acq: 5 Aug 2020 14:00

Instrument :

MSVOA_N

ClientSampled :

BFB

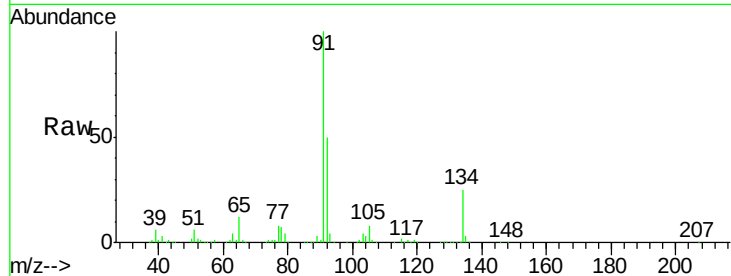
Tgt Ion: 91 Resp: 373073

Ion Ratio Lower Upper

91 100

92 51.3 25.7 77.0

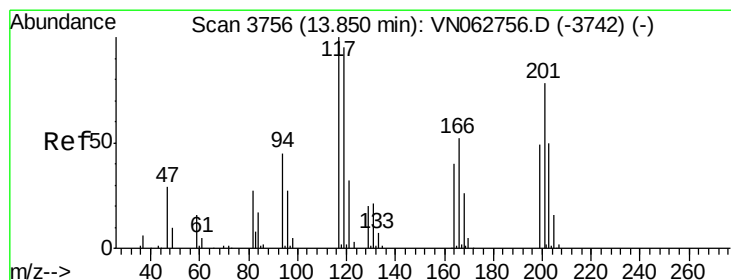
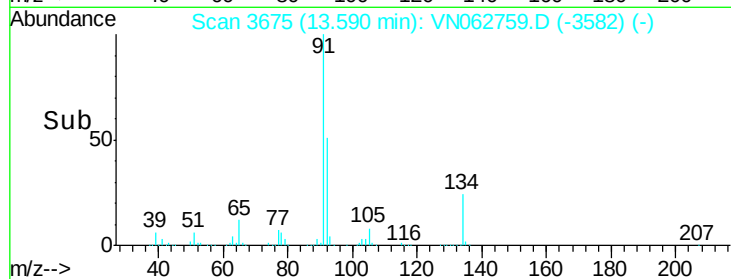
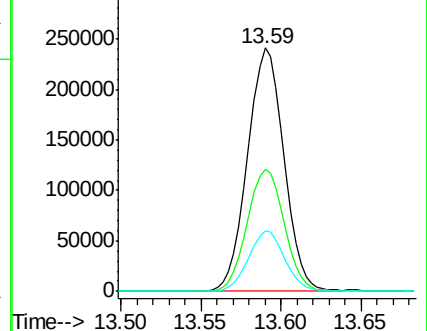
134 24.8 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN062759.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN062759.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN062759.D (-3663) (-)



#90

Hexachloroethane

Concen: 48.448 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062759.D

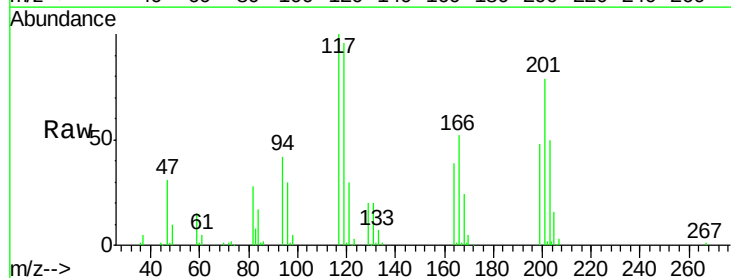
Acq: 5 Aug 2020 14:00

Tgt Ion: 117 Resp: 83367

Ion Ratio Lower Upper

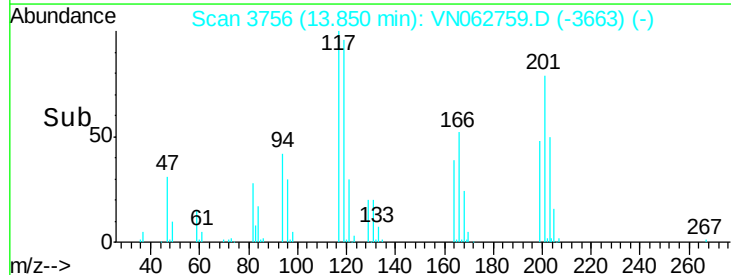
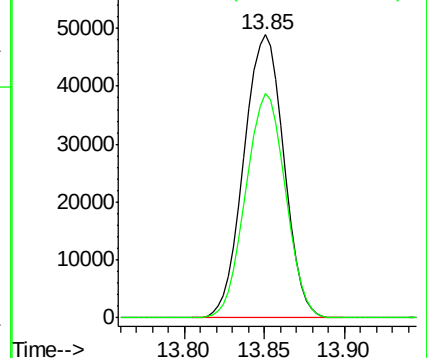
117 100

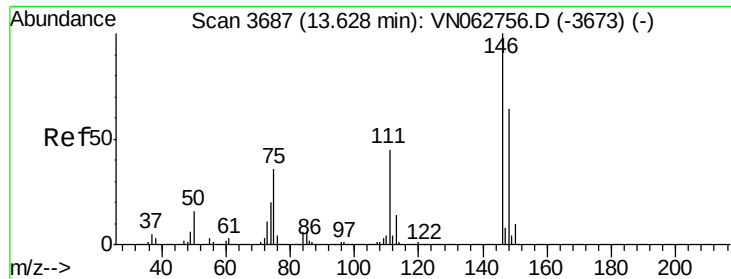
201 78.7 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062759.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062759.D (-3663) (-)

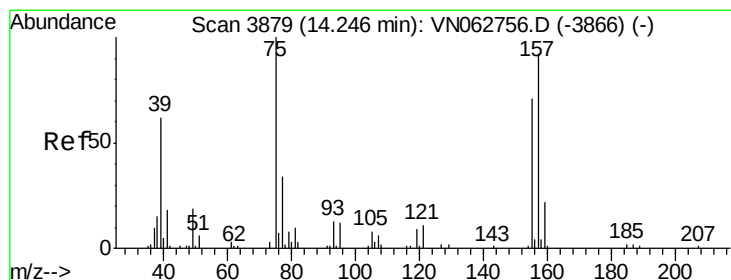
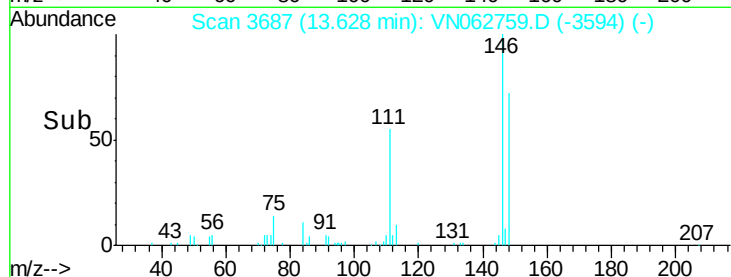
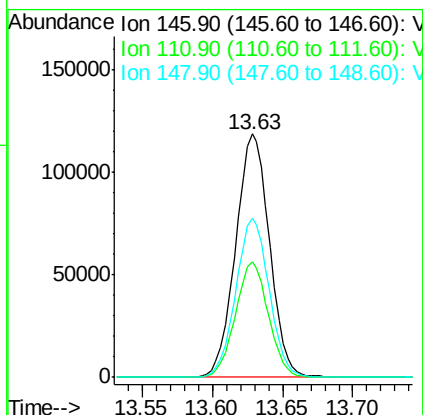
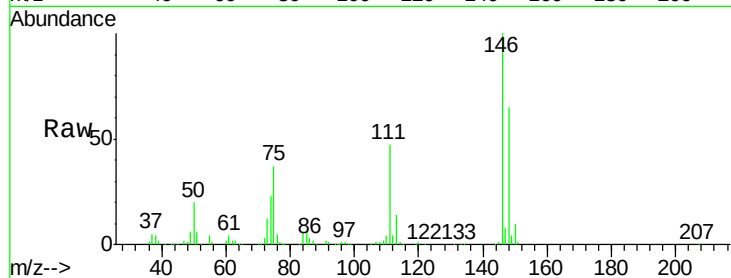




#91
 1,2-Dichlorobenzene
 Concen: 51.445 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

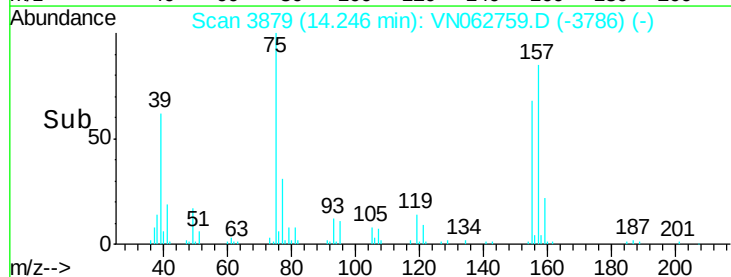
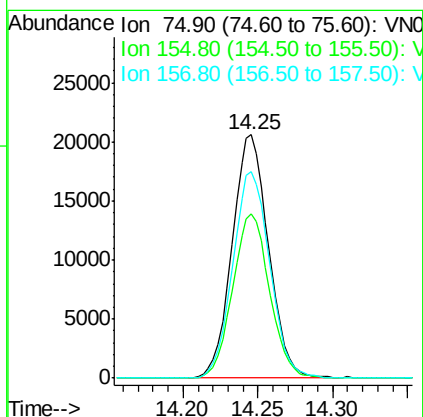
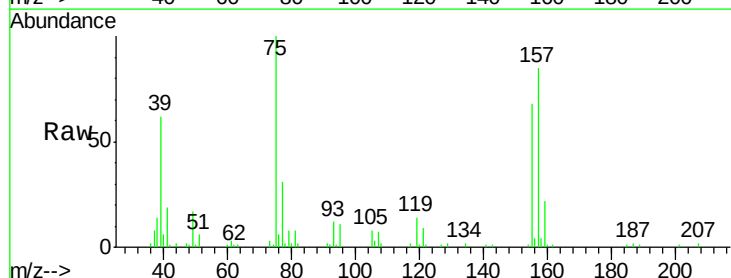
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

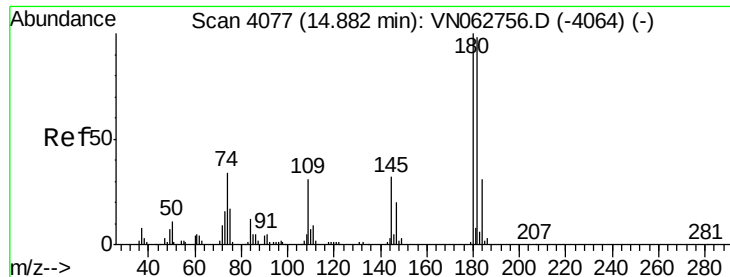
Tgt Ion:146 Resp: 199726
 Ion Ratio Lower Upper
 146 100
 111 46.0 22.8 68.4
 148 64.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.348 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion: 75 Resp: 34793
 Ion Ratio Lower Upper
 75 100
 155 68.5 35.0 105.1
 157 86.5 43.2 129.6

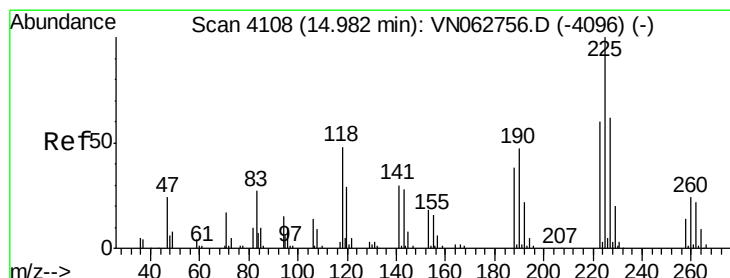
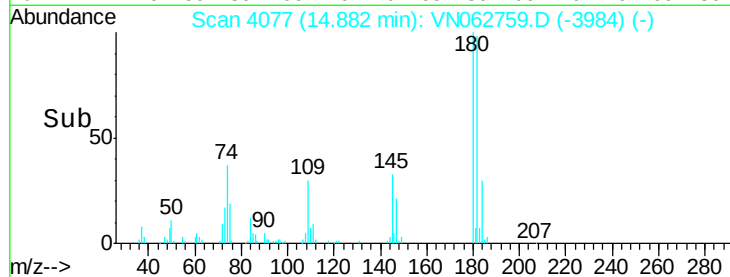
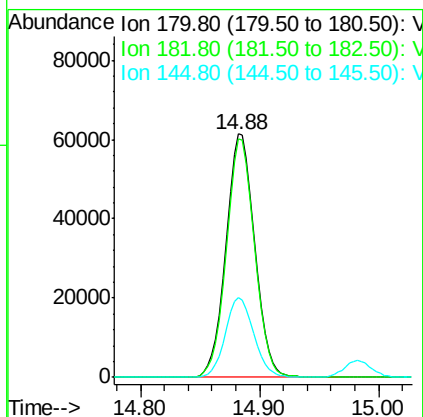
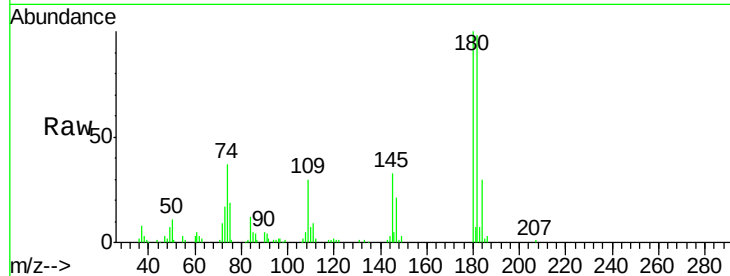




#93
 1,2,4-Trichlorobenzene
 Concen: 49.242 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

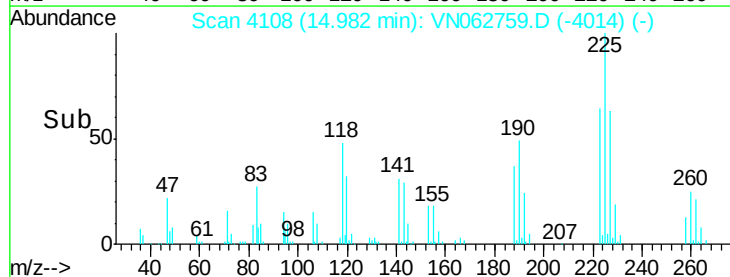
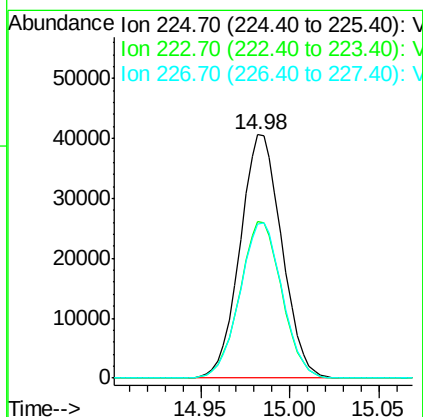
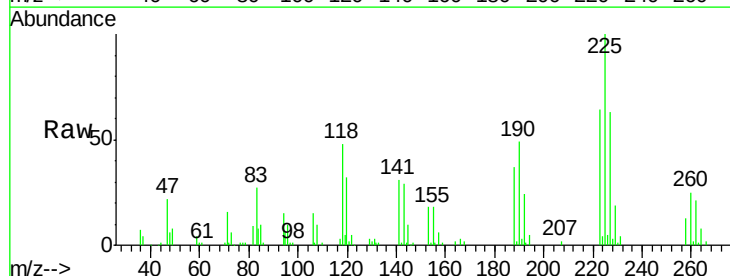
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

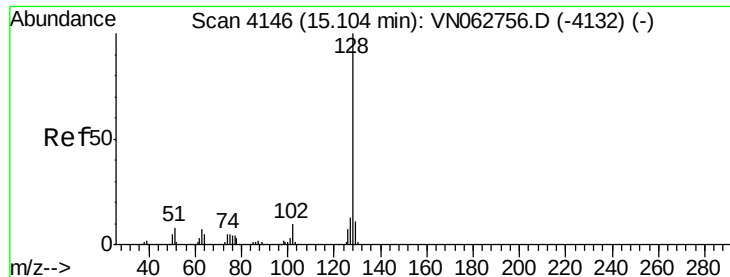
Tgt Ion:180 Resp: 102560
 Ion Ratio Lower Upper
 180 100
 182 96.0 49.1 147.4
 145 32.5 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 54.517 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062759.D
 Acq: 5 Aug 2020 14:00

Tgt Ion:225 Resp: 66448
 Ion Ratio Lower Upper
 225 100
 223 64.7 30.6 92.0
 227 64.8 31.6 95.0

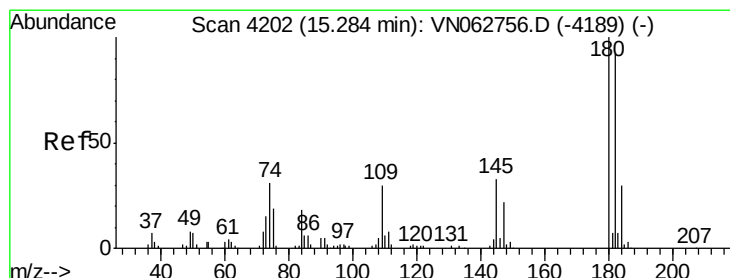
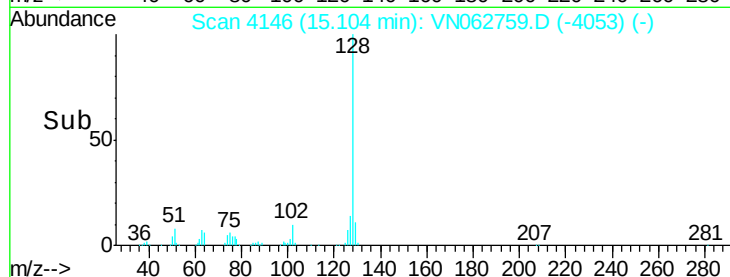
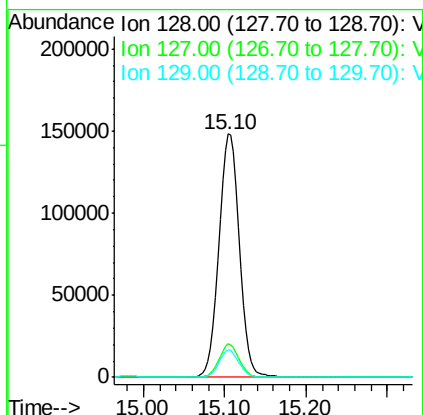
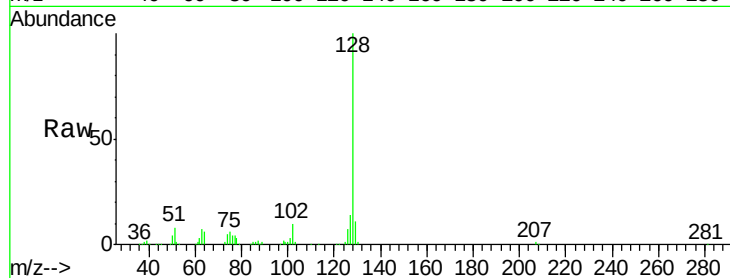




#95
Naphthalene
Concen: 46.746 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion:128 Resp: 264757
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.353 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062759.D
Acq: 5 Aug 2020 14:00

Tgt Ion:180 Resp: 103520
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 34.1 17.3 51.7

