

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064782.D
 Acq On : 23 Nov 2020 13:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Nov 24 03:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	267982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	90269	52.56	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.12%
35) Dibromofluoromethane	7.55	113	80561	52.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.24%
50) Toluene-d8	10.06	98	322492	51.06	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.12%
62) 4-Bromofluorobenzene	12.38	95	127553	56.43	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.86%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	597	0.466	ug/l 92
3) Chloromethane	2.04	50	336	0.202	ug/l # 41
4) Vinyl Chloride	2.17	62	370	0.213	ug/l # 42
5) Bromomethane	2.54	94	489	0.430	ug/l 89
7) Trichlorofluoromethane	2.99	101	815	0.340	ug/l # 67
9) 1,1,2-Trichlorotrifluoroet	3.72	101	309	0.215	ug/l # 59
10) Methyl Iodide	3.91	142	996	0.534	ug/l # 58
11) Tert butyl alcohol	4.77	59	105	0.392	ug/l # 73
12) 1,1-Dichloroethene	3.69	96	434	0.303	ug/l # 58
13) Acrolein	3.57	56	572	3.496	ug/l 86
14) Allyl chloride	4.27	41	476	0.201	ug/l # 52
15) Acrylonitrile	4.93	53	247	0.334	ug/l # 27
16) Acetone	3.78	43	671	1.189	ug/l # 43
17) Carbon Disulfide	4.01	76	7193	1.950	ug/l # 88
18) Methyl Acetate	4.29	43	665	0.392	ug/l # 50
20) Methylene Chloride	4.49	84	645	0.365	ug/l # 78
21) trans-1,2-Dichloroethene	4.98	96	948	0.596	ug/l # 65
23) Vinyl Acetate	5.85	43	1201	0.318	ug/l # 71
25) 2-Butanone	6.81	43	799	0.873	ug/l # 49
27) cis-1,2-Dichloroethene	6.79	96	589	0.329	ug/l 83
29) Tetrahydrofuran	7.18	42	692	1.095	ug/l # 48
31) Cyclohexane	7.62	56	3695	1.544	ug/l # 21
36) 1,1-Dichloropropene	7.75	75	1330	0.555	ug/l # 64
38) Carbon Tetrachloride	7.63	117	14163	5.685	ug/l # 16
39) Methylcyclohexane	9.04	83	1532	0.594	ug/l # 73
40) Benzene	8.01	78	1620	0.221	ug/l 93
42) 1,2-Dichloroethane	8.09	62	650	0.263	ug/l # 73
44) Trichloroethene	8.80	130	1140	0.527	ug/l 98
46) Dibromomethane	9.17	93	264	0.208	ug/l # 72
48) Methyl methacrylate	9.05	41	743	0.419	ug/l # 45
49) 1,4-Dioxane	9.16	88	29	0.865	ug/l # 1
51) 4-Methyl-2-Pentanone	9.96	43	1399	0.628	ug/l # 59
52) Toluene	10.13	92	1074	0.238	ug/l # 73
53) t-1,3-Dichloropropene	10.35	75	810	0.285	ug/l # 75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

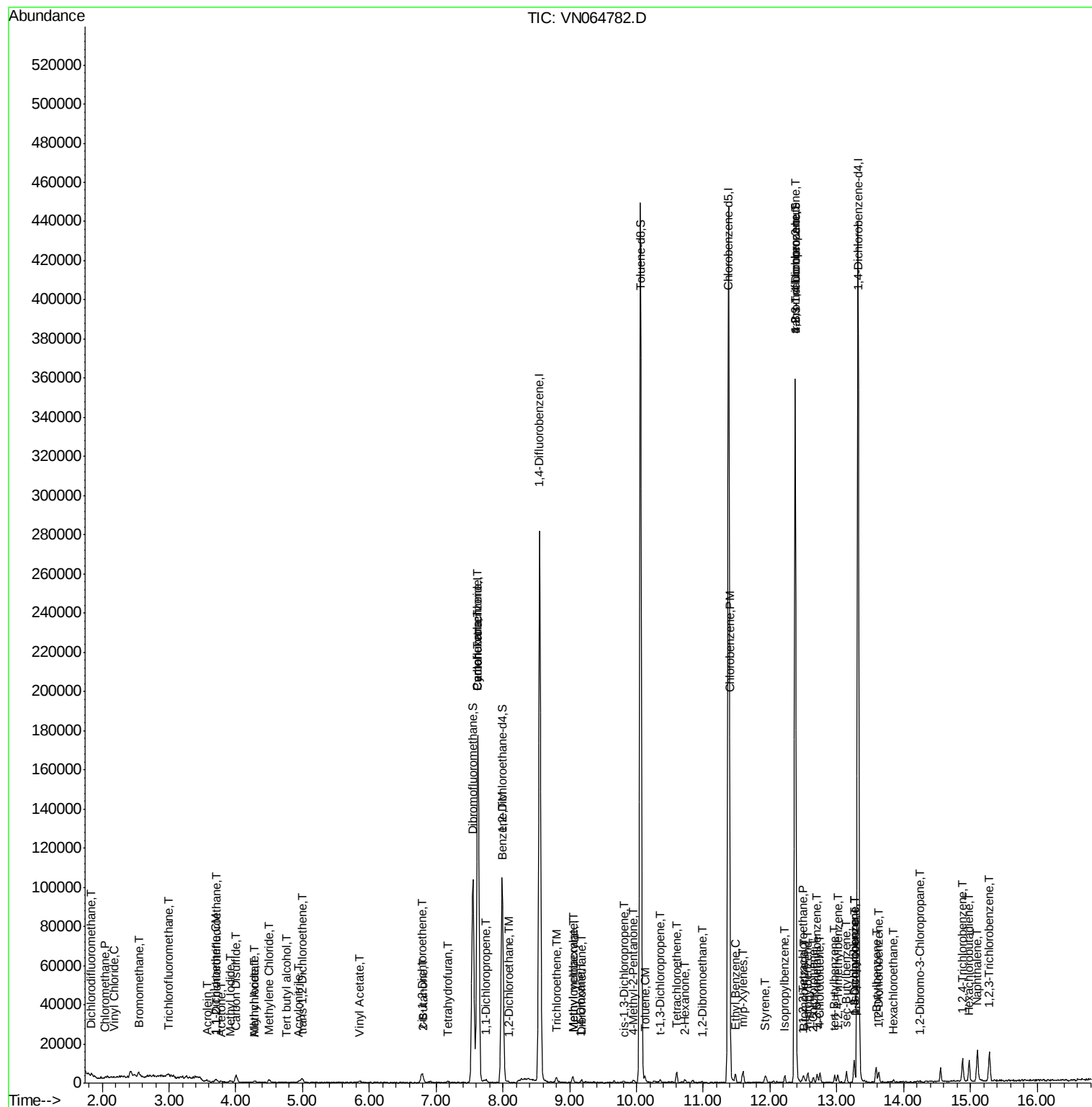
54) cis-1,3-Dichloropropene	9.80	75	660	0.216	ug/l #	63
59) 2-Hexanone	10.73	43	1588	0.990	ug/l	70
61) 1,2-Dibromoethane	10.98	107	389	0.206	ug/l #	76
64) Tetrachloroethene	10.60	164	1307	0.501	ug/l	93
65) Chlorobenzene	11.41	112	2249	0.391	ug/l #	87
67) Ethyl Benzene	11.49	91	3280	0.341	ug/l	96
68) m/p-Xylenes	11.60	106	2393	0.657	ug/l	90
70) Styrene	11.94	104	1724	0.296	ug/l #	76
73) Isopropylbenzene	12.23	105	2662	0.311	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	585	0.233	ug/l #	59
76) 1,2,3-Trichloropropane	12.38	75	61058	23.024	ug/l #	100
77) Bromobenzene	12.50	156	1142	0.495	ug/l	88
78) n-propylbenzene	12.57	91	5103	0.523	ug/l	98
79) 2-Chlorotoluene	12.65	91	2829	0.469	ug/l	87
80) 1,3,5-Trimethylbenzene	12.71	105	2706	0.380	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.38	75	61058	63.102	ug/l #	15
82) 4-Chlorotoluene	12.75	91	3698	0.585	ug/l	97
83) tert-Butylbenzene	12.97	119	2198	0.368	ug/l	94
84) 1,2,4-Trimethylbenzene	13.02	105	2752	0.382	ug/l	95
85) sec-Butylbenzene	13.14	105	4441	0.561	ug/l	93
86) p-Isopropyltoluene	13.26	119	3769	0.522	ug/l	93
87) 1,3-Dichlorobenzene	13.26	146	3229	0.787	ug/l	95
88) 1,4-Dichlorobenzene	13.26	146	3229	0.744	ug/l	96
89) n-Butylbenzene	13.59	91	5079	0.802	ug/l	95
90) Hexachloroethane	13.85	117	470	0.375	ug/l	74
91) 1,2-Dichlorobenzene	13.63	146	2721	0.675	ug/l	87
92) 1,2-Dibromo-3-Chloropropan	14.25	75	204	0.361	ug/l	69
93) 1,2,4-Trichlorobenzene	14.88	180	4613	1.851	ug/l	91
94) Hexachlorobutadiene	14.98	225	2202	2.320	ug/l	89
95) Naphthalene	15.11	128	15572	2.086	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	5644	3.709	ug/l	99

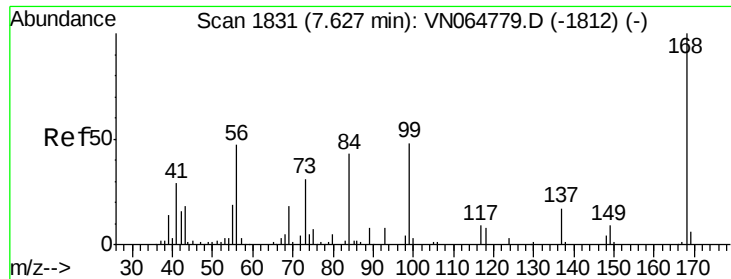
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

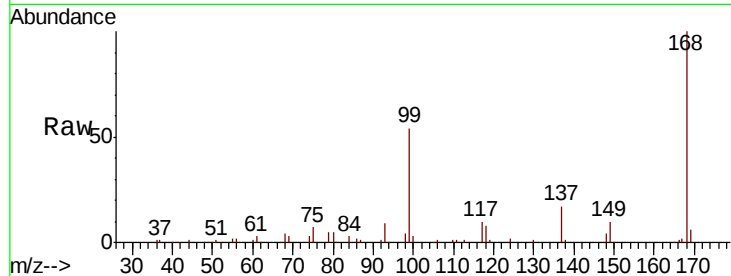
BFB

Tot Ion:168 Resp: 147728

Ion Ratio Lower Upper

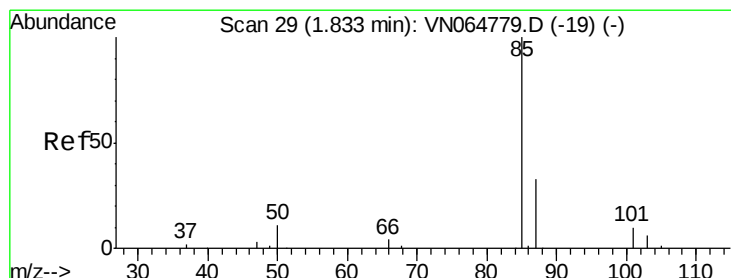
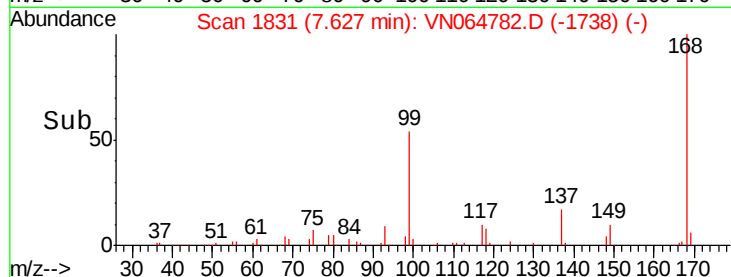
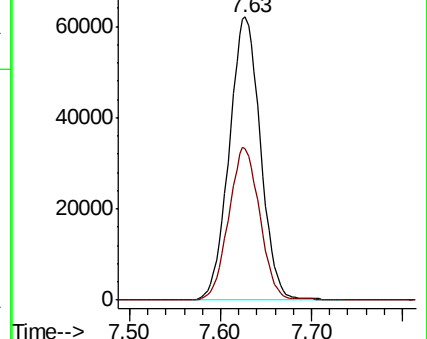
168 100

99 53.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 0.466 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064782.D

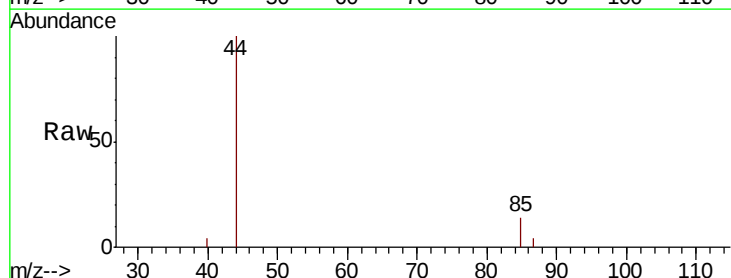
Acq: 23 Nov 2020 13:55

Tgt Ion: 85 Resp: 597

Ion Ratio Lower Upper

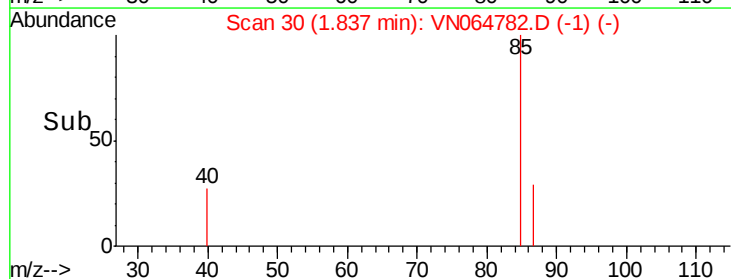
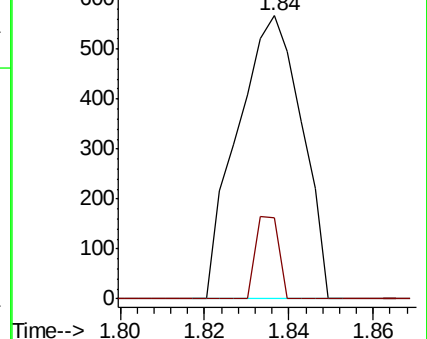
85 100

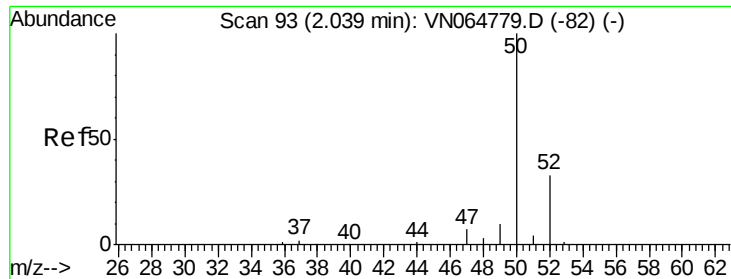
87 28.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

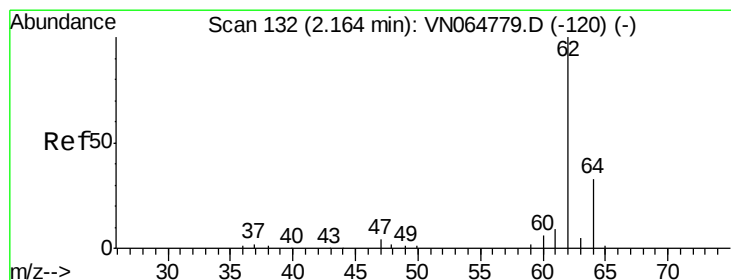
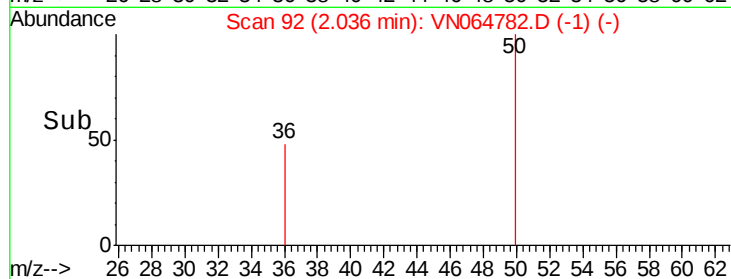
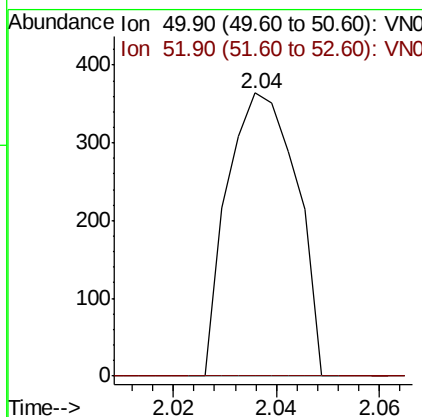
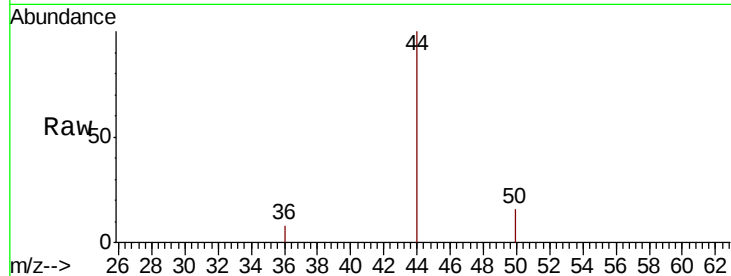




#3
 Chloromethane
 Concen: 0.202 ug/l
 RT: 2.04 min Scan# 92
 Delta R.T. -0.00 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

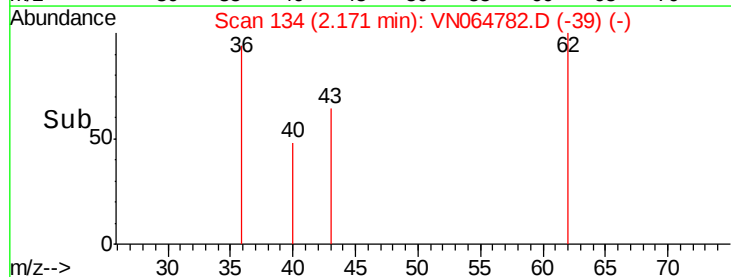
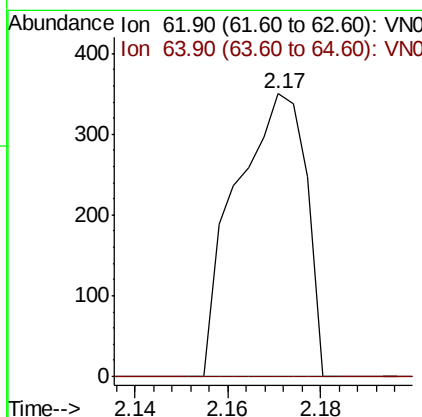
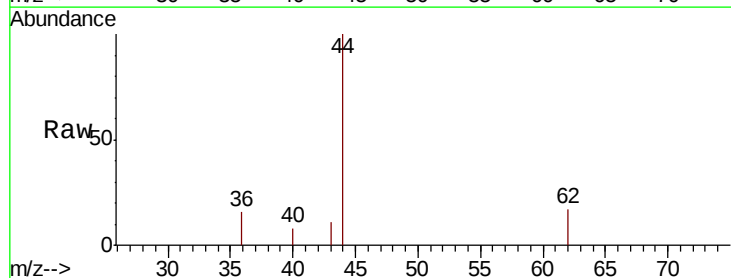
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

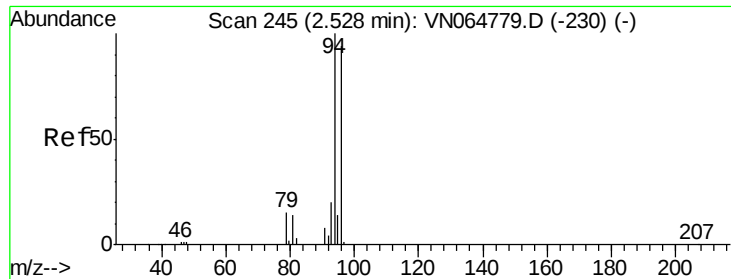
Tot Ion: 50 Resp: 336
 Ion Ratio Lower Upper
 50 100
 52 0.0 26.6 39.8#



#4
 Vinyl Chloride
 Concen: 0.213 ug/l
 RT: 2.17 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Tgt Ion: 62 Resp: 370
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.5 39.7#





#5

Bromomethane

Concen: 0.430 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

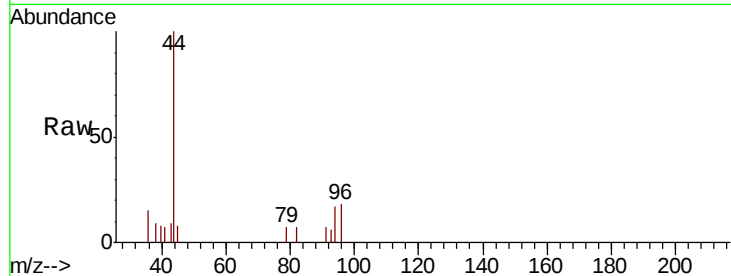
BFB

Tot Ion: 94 Resp: 489

Ion Ratio Lower Upper

94 100

96 104.8 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

600

500

400

300

200

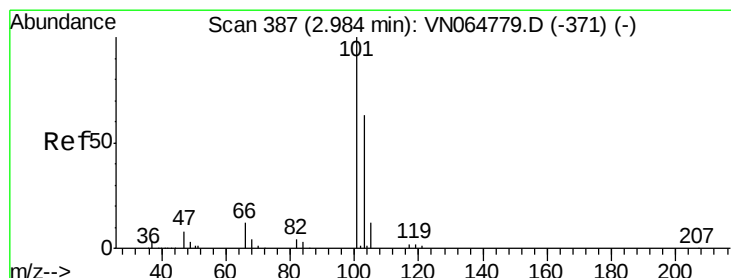
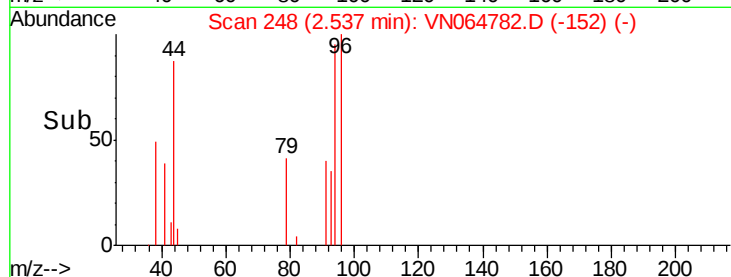
100

0

2.52

2.54

Time-->



#7

Trichlorofluoromethane

Concen: 0.340 ug/l

RT: 2.99 min Scan# 390

Delta R.T. 0.01 min

Lab File: VN064782.D

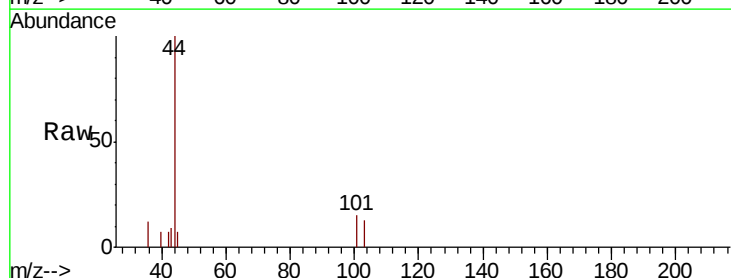
Acq: 23 Nov 2020 13:55

Tgt Ion: 101 Resp: 815

Ion Ratio Lower Upper

101 100

103 88.8 50.5 75.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

400

300

200

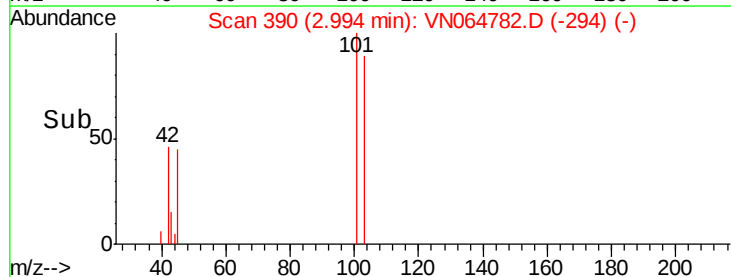
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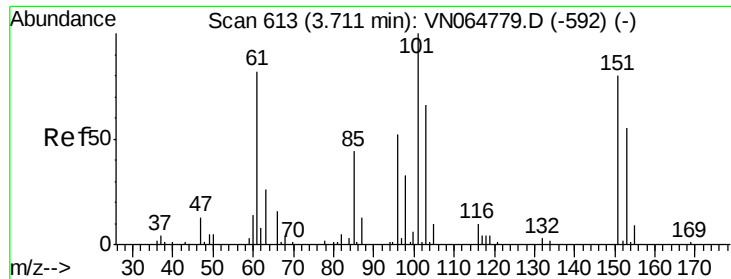
0

2.95

3.00

Time-->

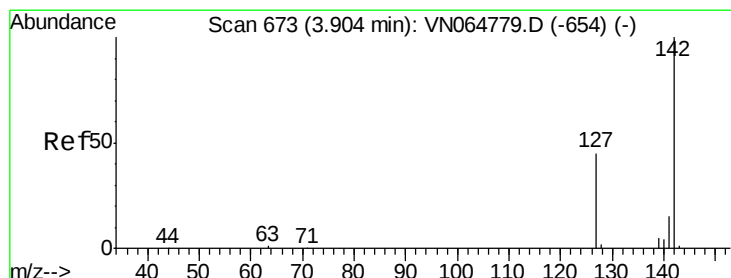
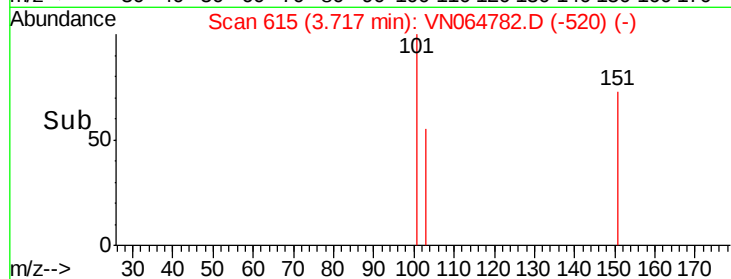
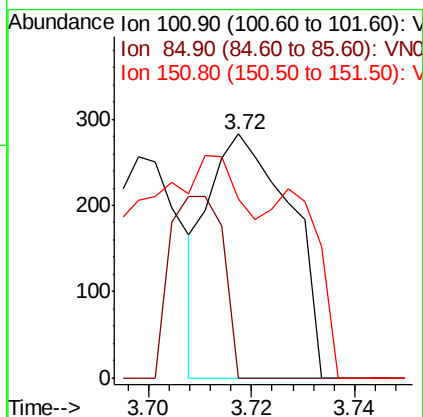
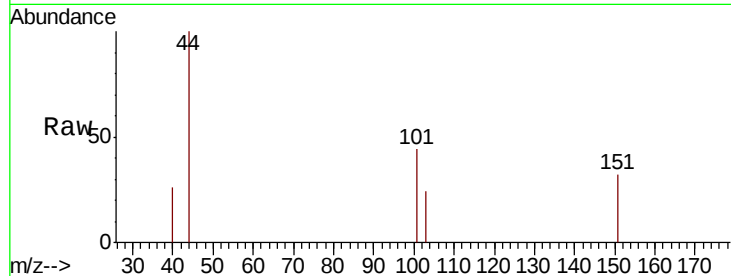




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.215 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

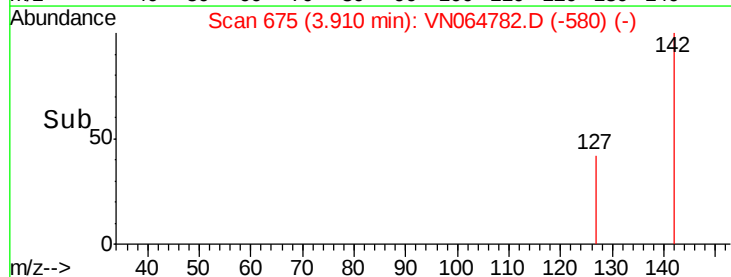
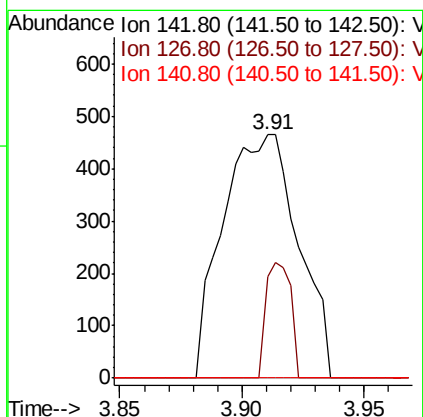
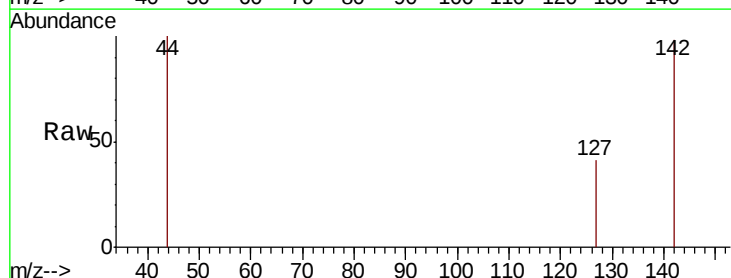
Instrument :
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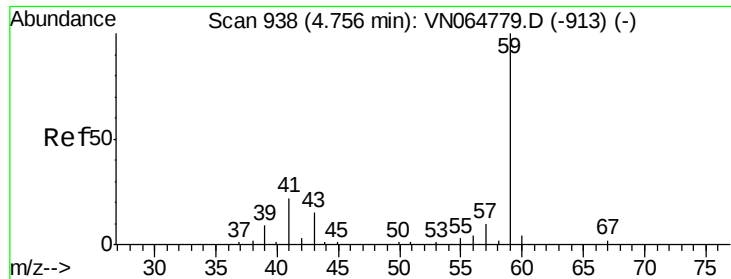
Tot Ion:101 Resp: 309
 Ion Ratio Lower Upper
 101 100
 85 48.5 34.4 51.6
 151 131.1 64.0 96.0#



#10
 Methyl Iodide
 Concen: 0.534 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Tgt Ion:142 Resp: 996
 Ion Ratio Lower Upper
 142 100
 127 15.6 35.0 52.6#
 141 0.0 11.8 17.6#

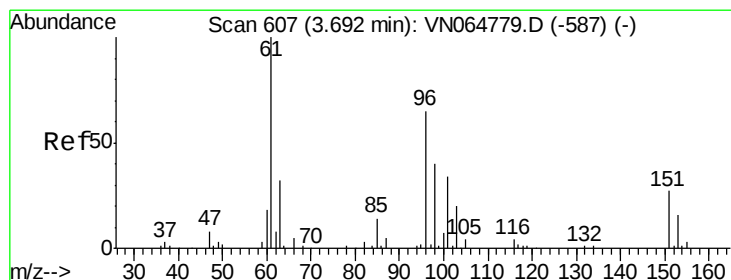
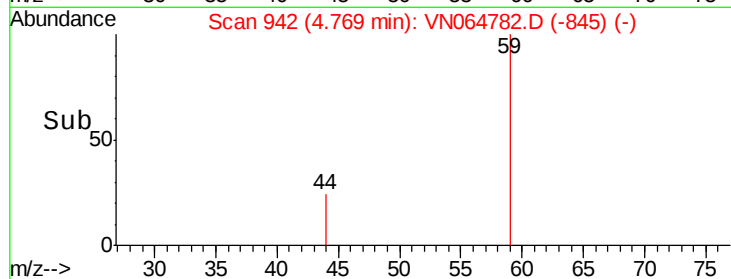
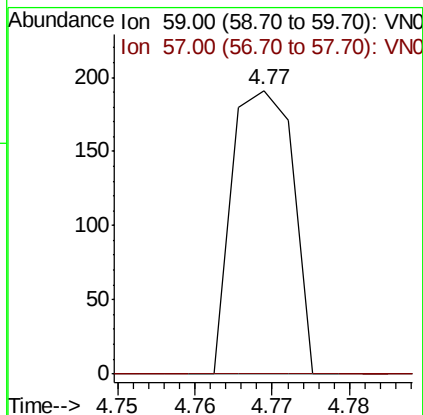
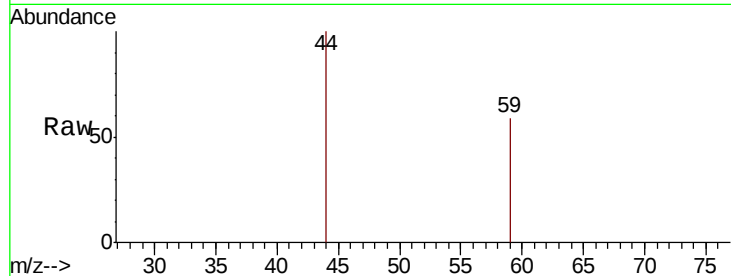




#11
Tert butyl alcohol
Concen: 0.392 ug/l
RT: 4.77 min Scan# 942
Delta R.T. 0.01 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

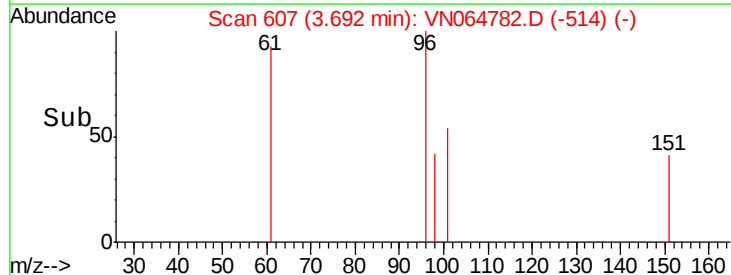
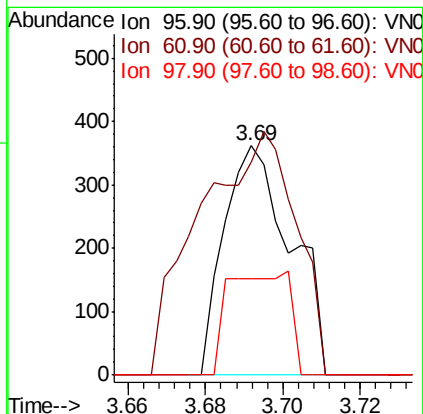
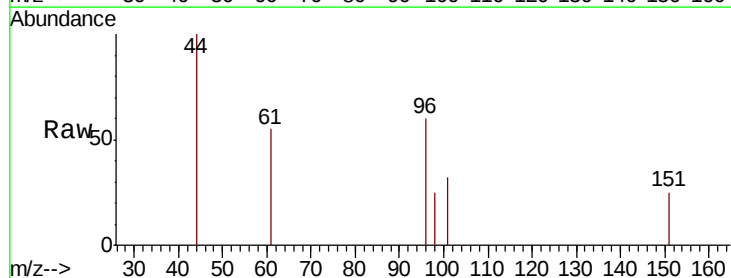
Instrument :
MSVOA_N
ClientSampleId :
BFB

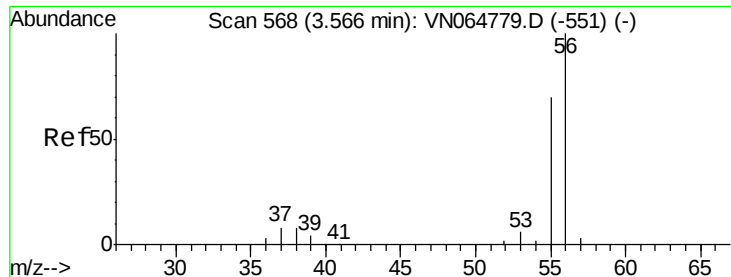
Tot Ion: 59 Resp: 105
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 0.303 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Tgt Ion: 96 Resp: 434
Ion Ratio Lower Upper
96 100
61 92.8 123.4 185.2#
98 41.7 49.8 74.8#





#13

Acrolein

Concen: 3.496 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

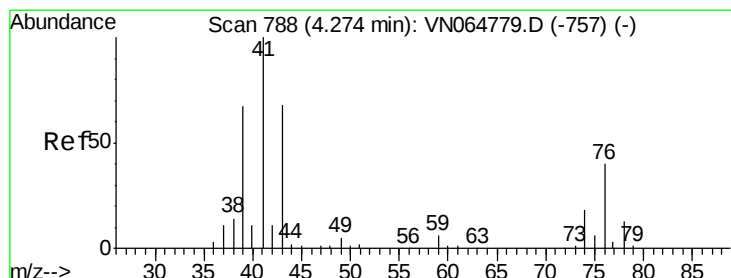
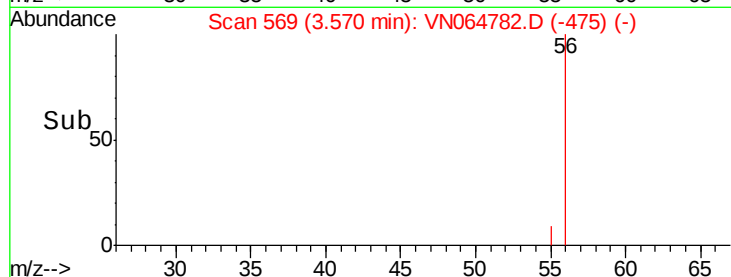
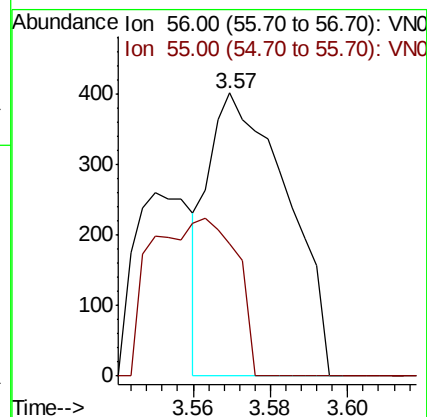
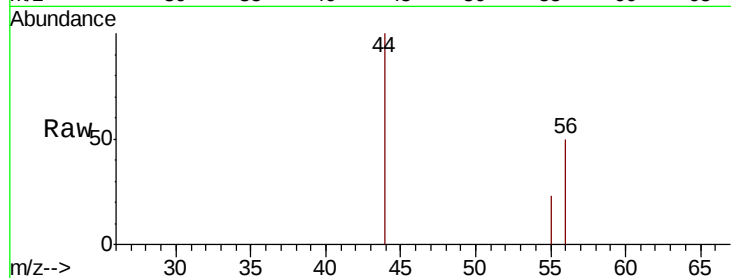
BFB

Tot Ion: 56 Resp: 572

Ion Ratio Lower Upper

56 100

55 59.4 56.5 84.7



#14

Allyl chloride

Concen: 0.201 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

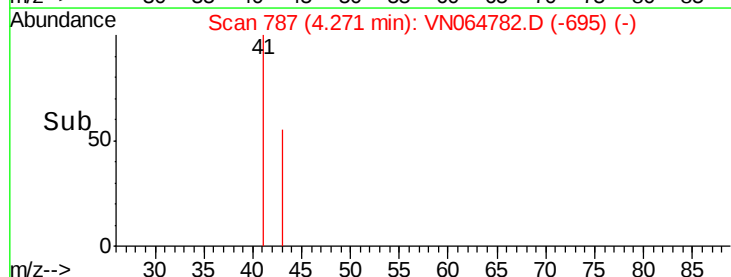
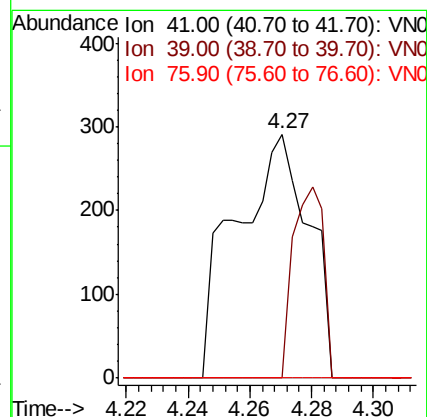
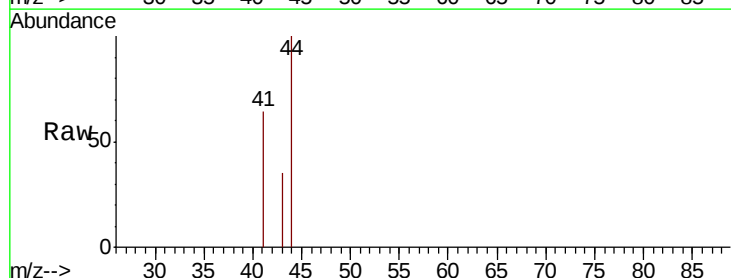
Tgt Ion: 41 Resp: 476

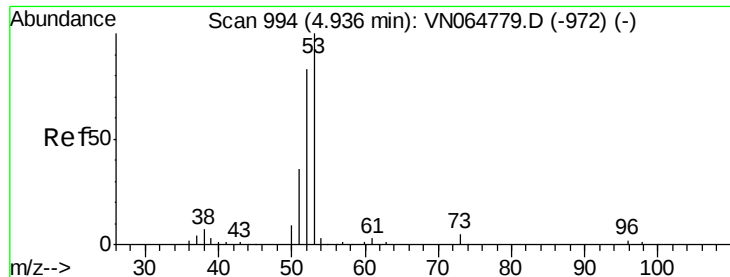
Ion Ratio Lower Upper

41 100

39 32.6 50.9 76.3#

76 0.0 29.0 43.4#





#15

Acrylonitrile

Concen: 0.334 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

BFB

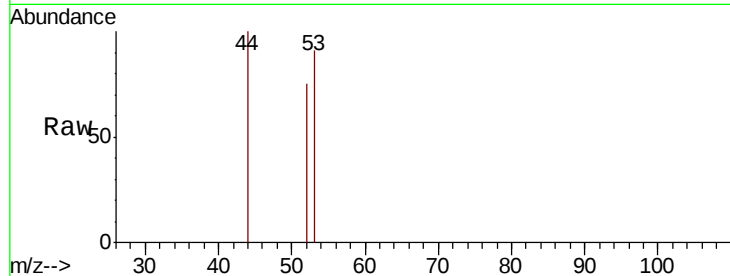
Tot Ion: 53 Resp: 247

Ion Ratio Lower Upper

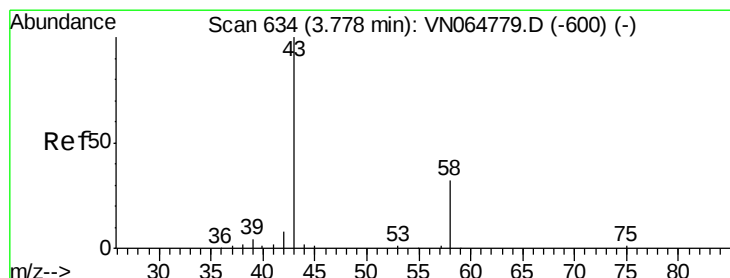
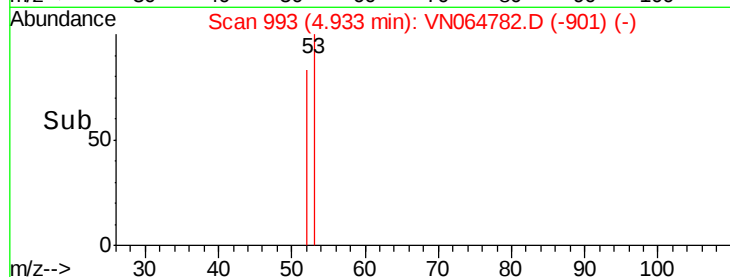
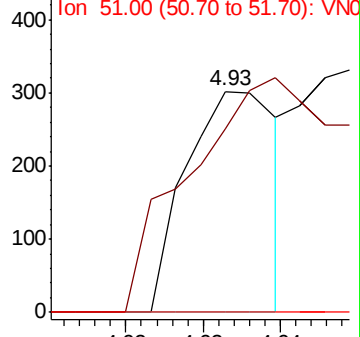
53 100

52 152.2 65.5 98.3#

51 0.0 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)



#16

Acetone

Concen: 1.189 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064782.D

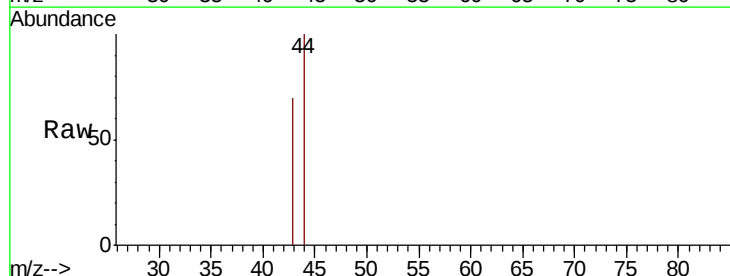
Acq: 23 Nov 2020 13:55

Tgt Ion: 43 Resp: 671

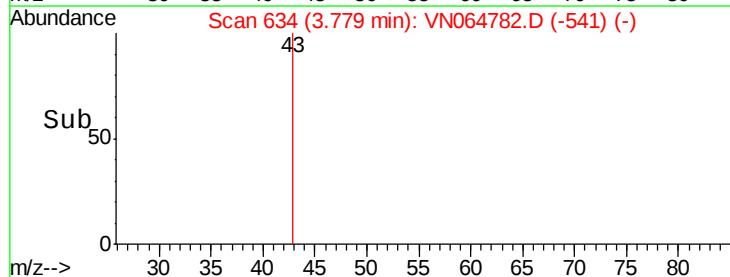
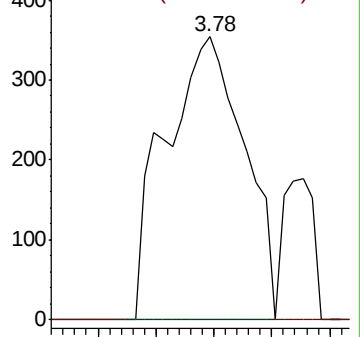
Ion Ratio Lower Upper

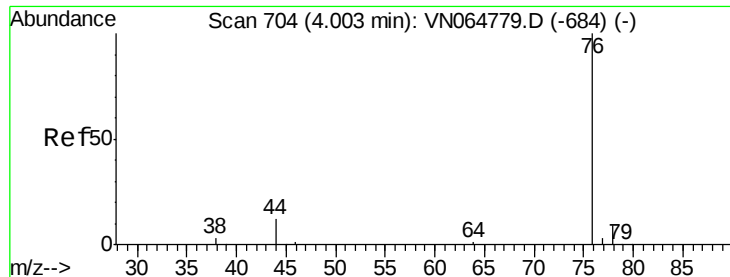
43 100

58 0.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

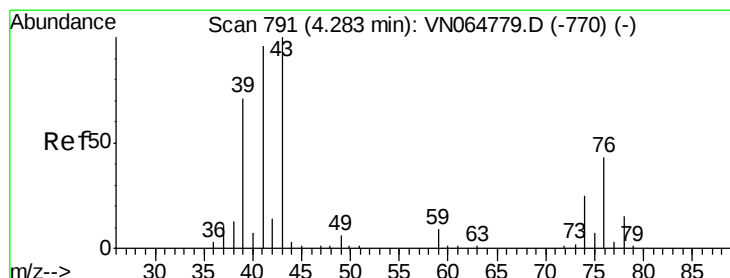
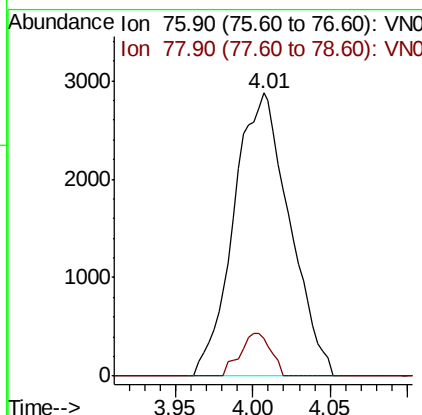
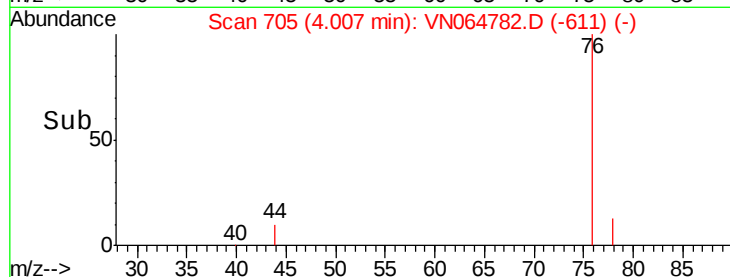
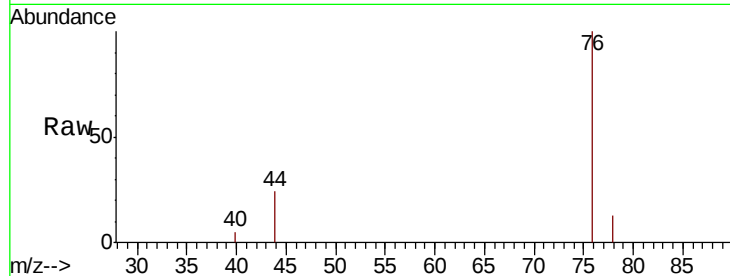




#17
Carbon Disulfide
Concen: 1.950 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

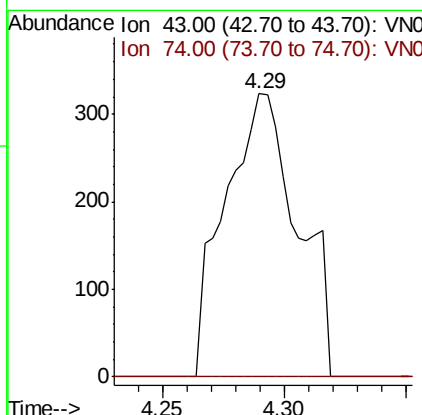
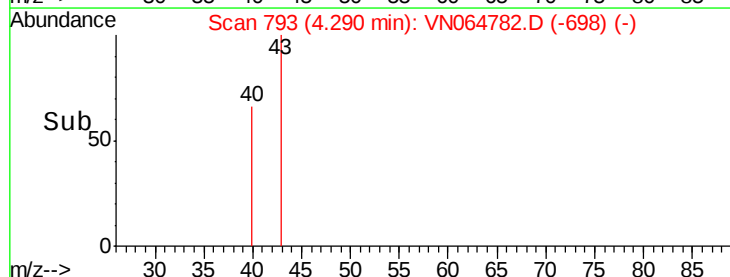
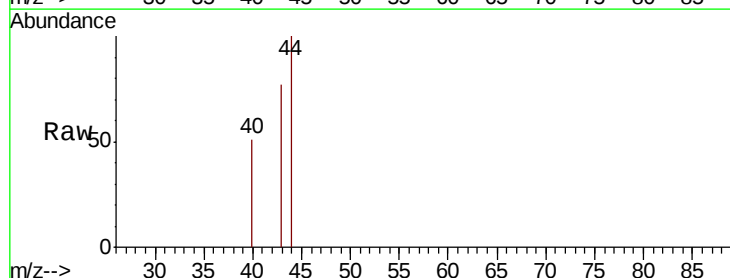
Instrument :
MSVOA_N
ClientSampled :
BFB

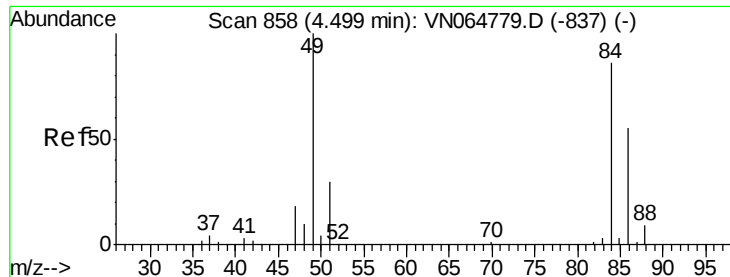
Tot Ion: 76 Resp: 7193
Ion Ratio Lower Upper
76 100
78 13.5 7.4 11.0#



#18
Methyl Acetate
Concen: 0.392 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

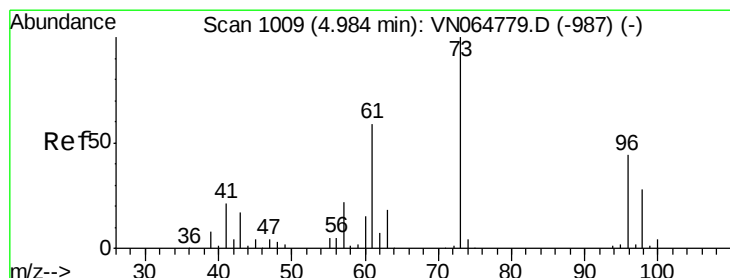
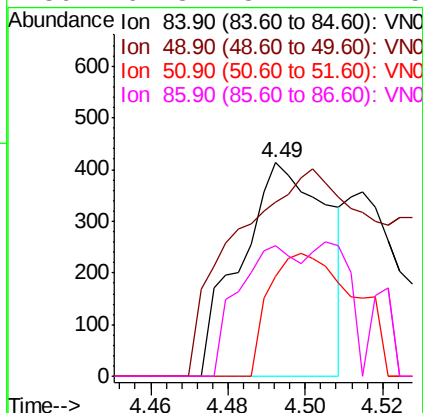
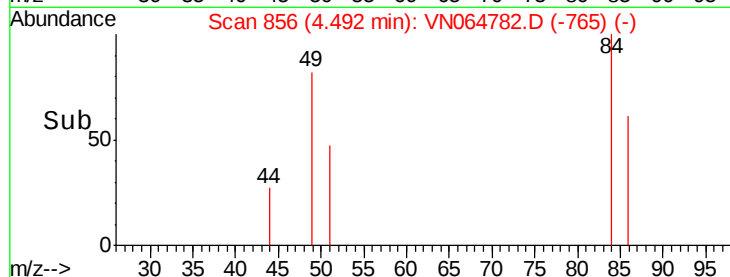
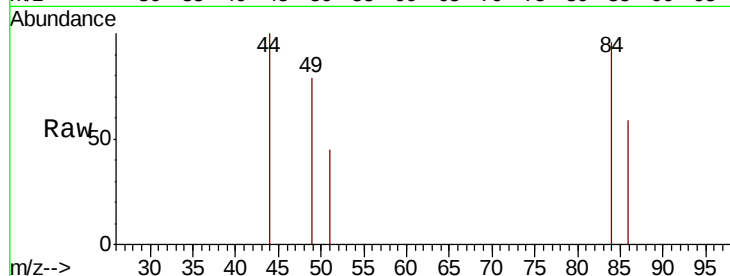




#20
Methvlene Chloride
Concen: 0.365 ug/l
RT: 4.49 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

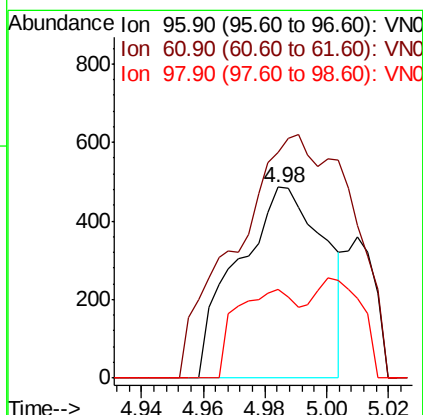
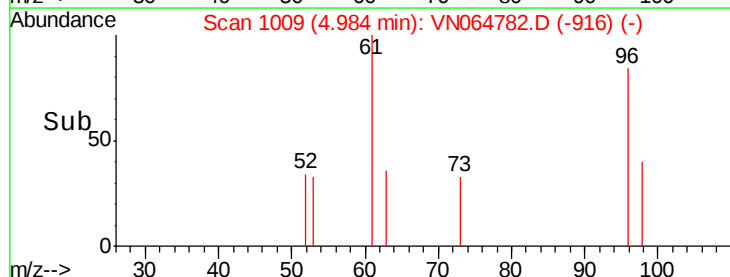
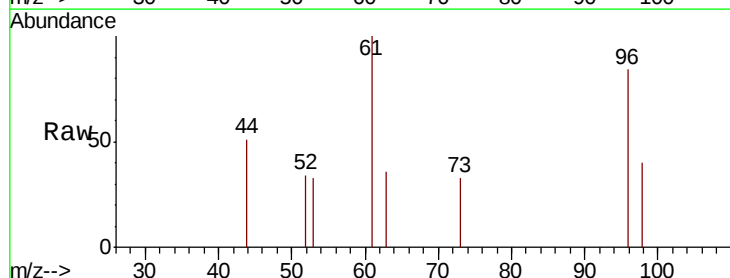
Instrument :
MSVOA_N
ClientSampled :
BFB

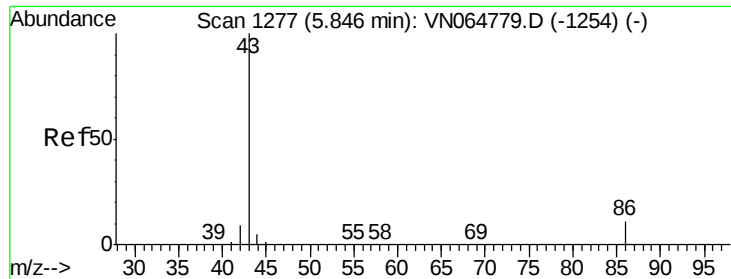
Tot Ion: 84 Resp: 645
Ion Ratio Lower Upper
84 100
49 81.8 93.4 140.0#
51 46.7 28.2 42.4#
86 61.3 51.7 77.5



#21
trans-1,2-Dichloroethene
Concen: 0.596 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Tgt Ion: 96 Resp: 948
Ion Ratio Lower Upper
96 100
61 86.6 108.4 162.6#
98 46.8 51.3 76.9#

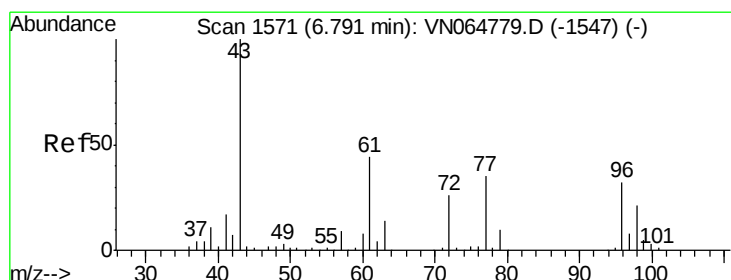
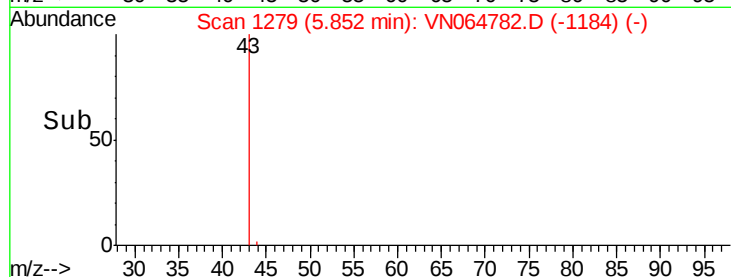
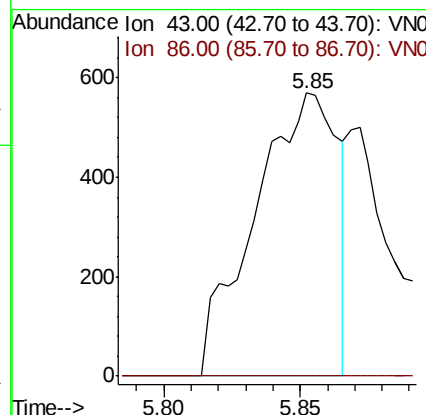
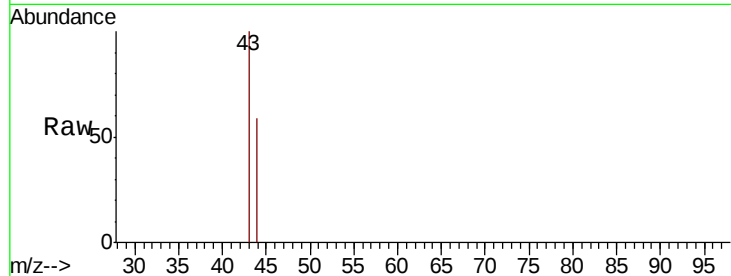




#23
 Vinyl Acetate
 Concen: 0.318 ug/l
 RT: 5.85 min Scan# 1279
 Delta R.T. 0.01 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

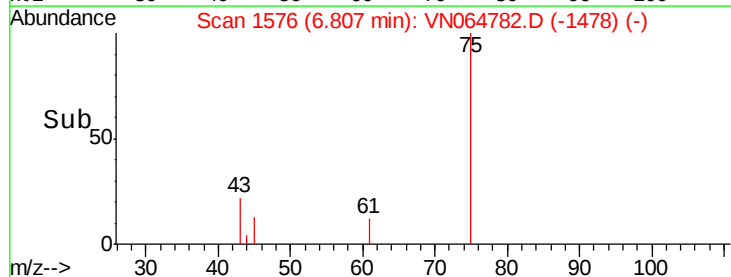
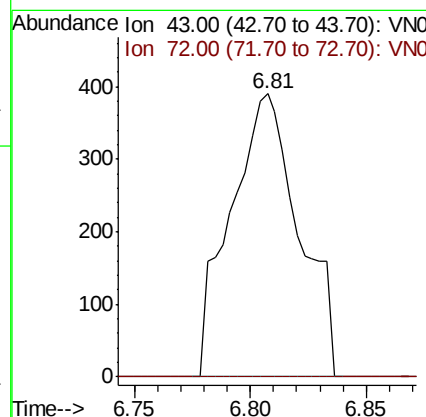
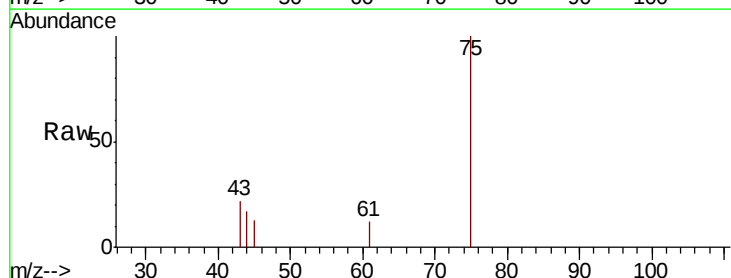
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

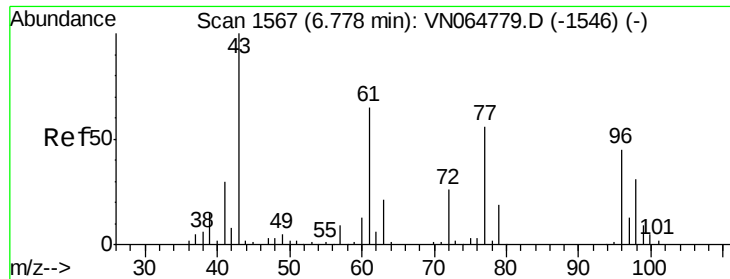
Tot Ion: 43 Resp: 1201
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.9 13.3#



#25
 2-Butanone
 Concen: 0.873 ug/l
 RT: 6.81 min Scan# 1576
 Delta R.T. 0.02 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Tgt Ion: 43 Resp: 799
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.0 31.6#

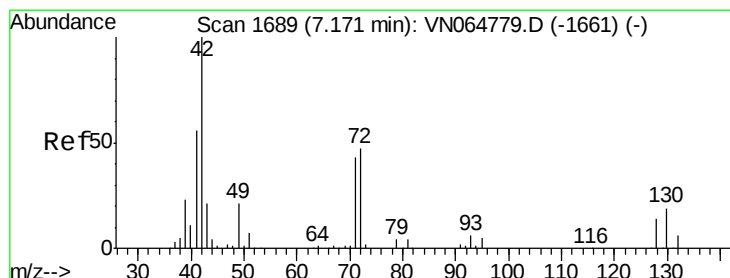
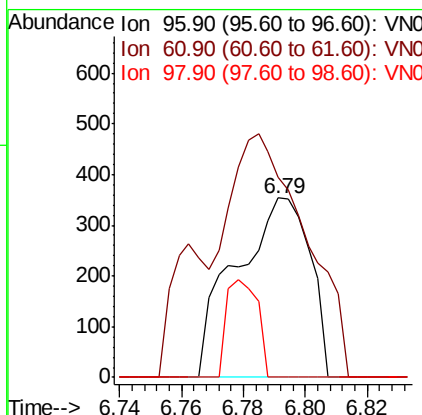
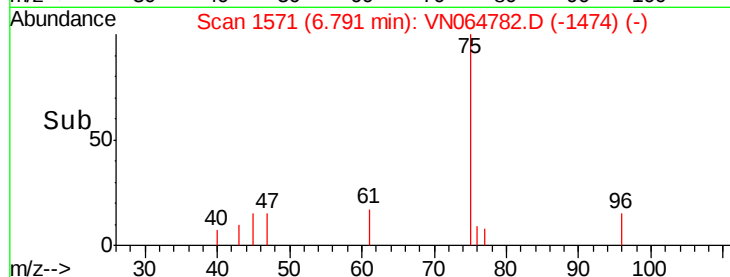
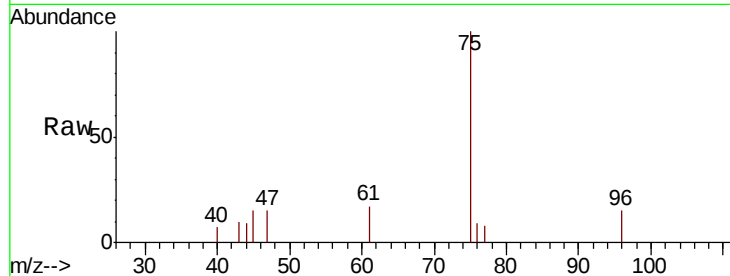




#27
 cis-1,2-Dichloroethene
 Concen: 0.329 ug/l
 RT: 6.79 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

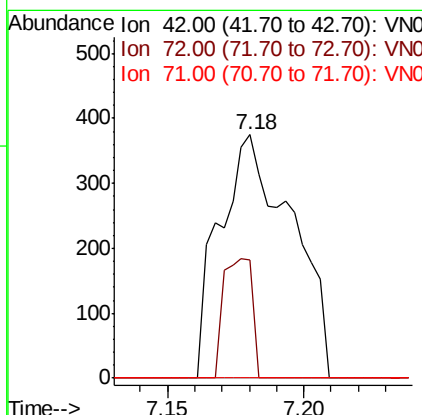
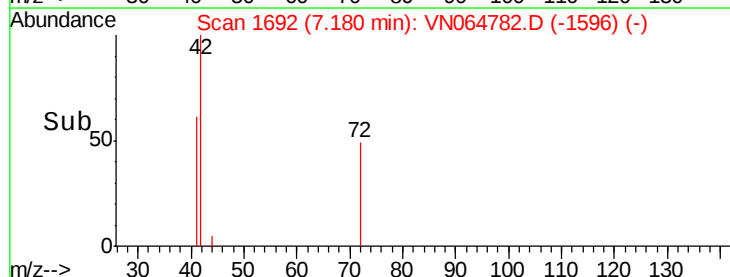
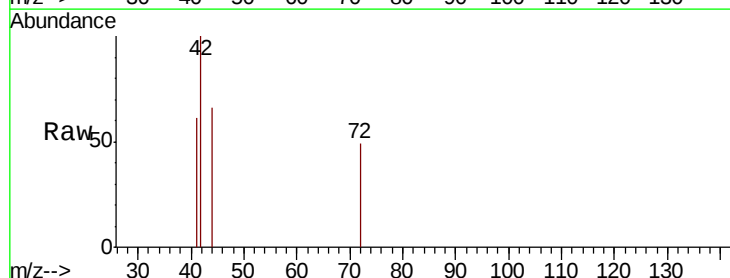
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

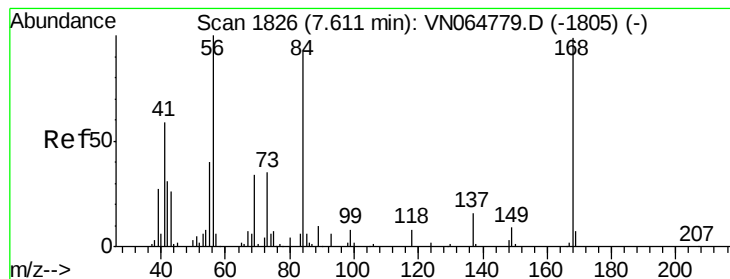
Tot Ion: 96 Resp: 589
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 285.8
 98 22.6 0.0 130.6



#29
 Tetrahydrofuran
 Concen: 1.095 ug/l
 RT: 7.18 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Tgt Ion: 42 Resp: 692
 Ion Ratio Lower Upper
 42 100
 72 19.7 36.6 54.8#
 71 0.0 33.6 50.4#





#31

Cyclohexane

Concen: 1.544 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

BFB

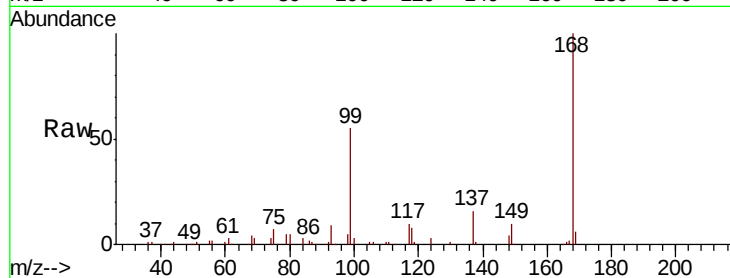
Tot Ion: 56 Resp: 3695

Ion Ratio Lower Upper

56 100

69 144.4 27.5 41.3#

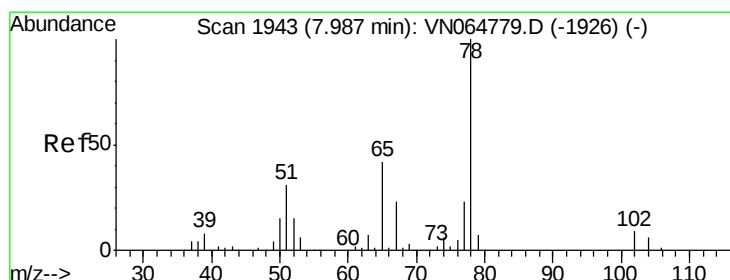
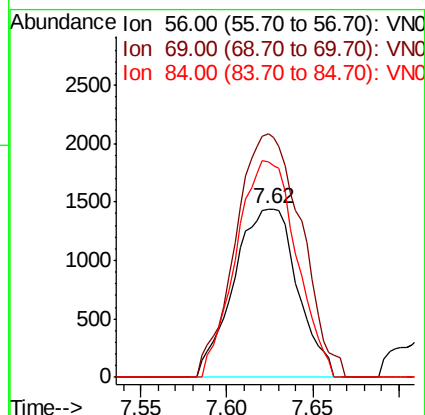
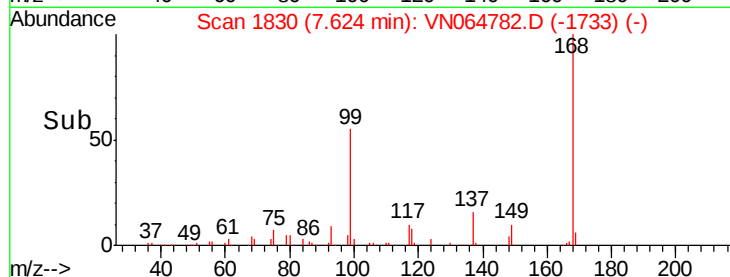
84 127.8 73.9 110.9#



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



#33

1,2-Dichloroethane-d4

Concen: 52.560 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064782.D

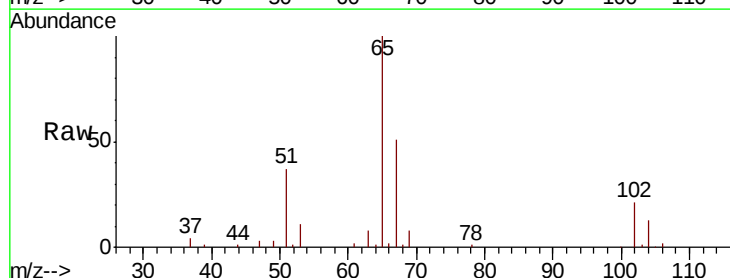
Acq: 23 Nov 2020 13:55

Tgt Ion: 65 Resp: 90269

Ion Ratio Lower Upper

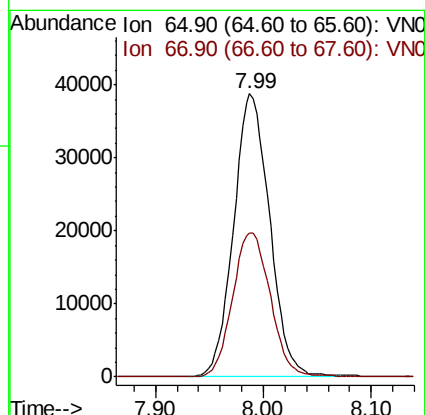
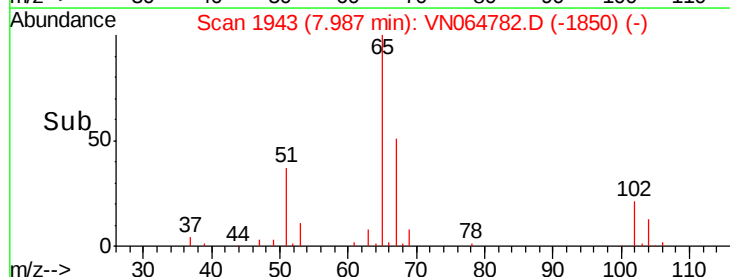
65 100

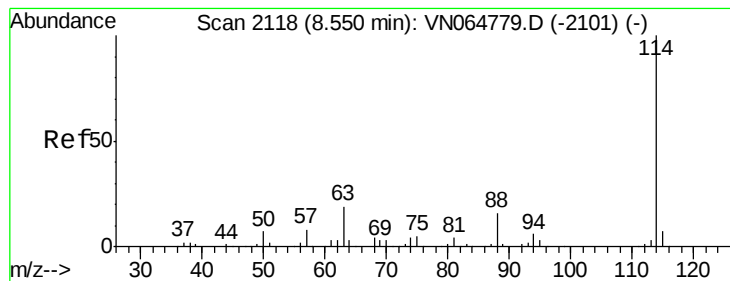
67 53.0 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

BFB

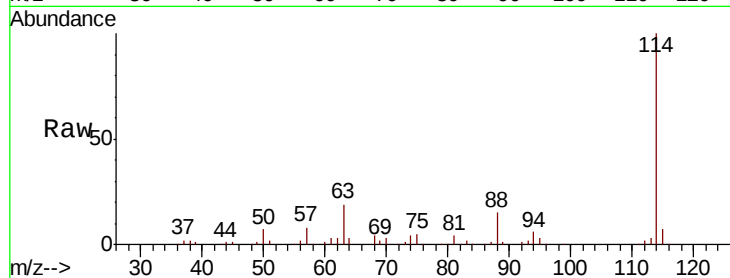
Tot Ion:114 Resp: 258323

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

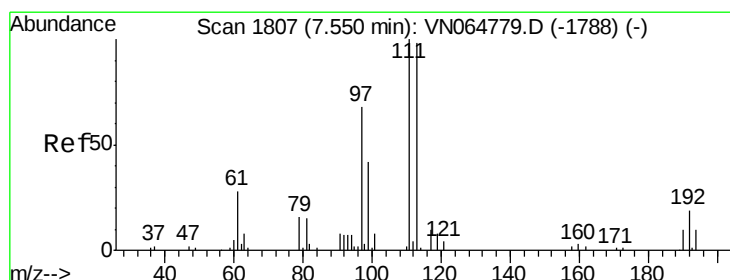
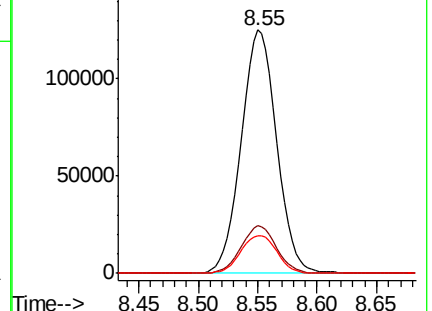
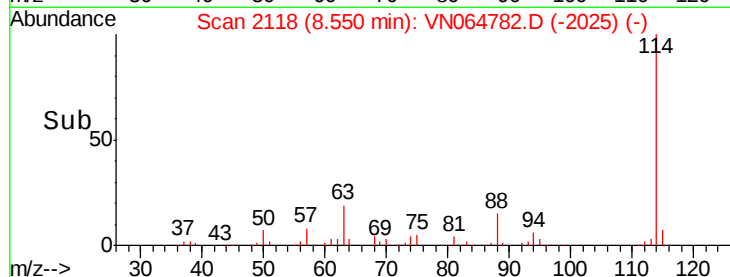
88 15.4 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 52.119 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

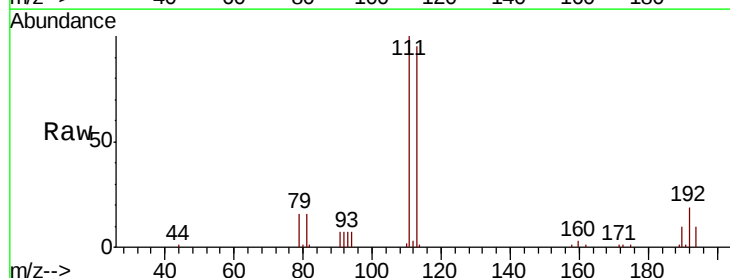
Tgt Ion:113 Resp: 80561

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

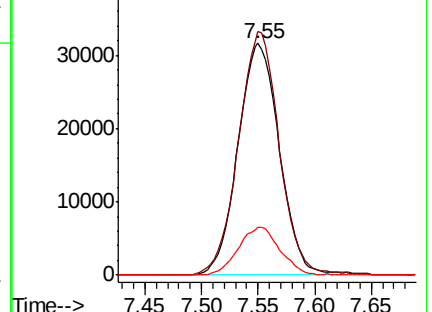
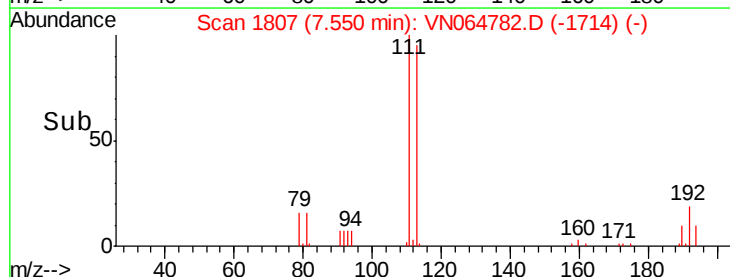
192 20.6 16.2 24.2

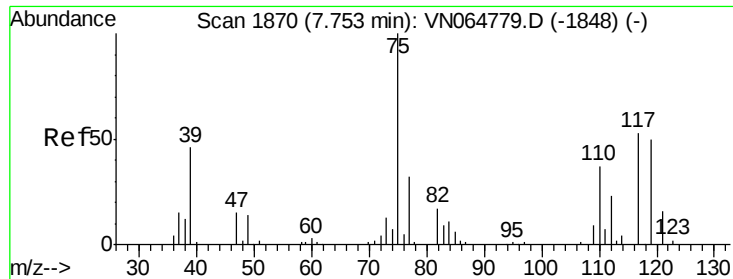


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

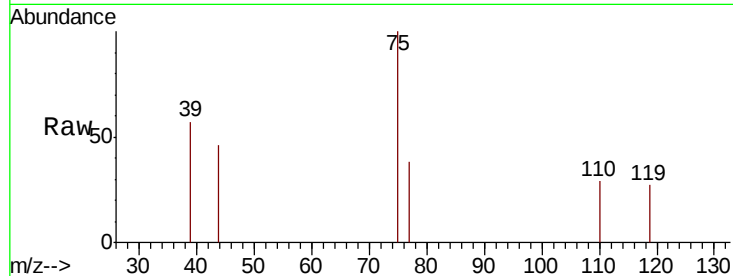




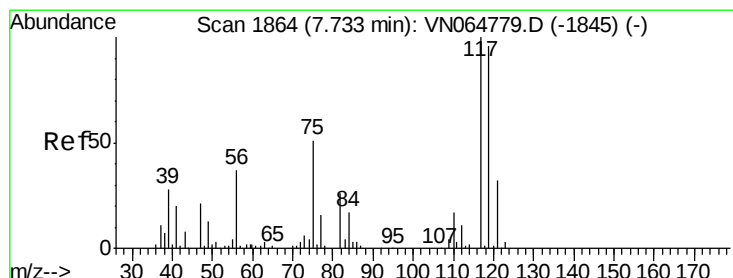
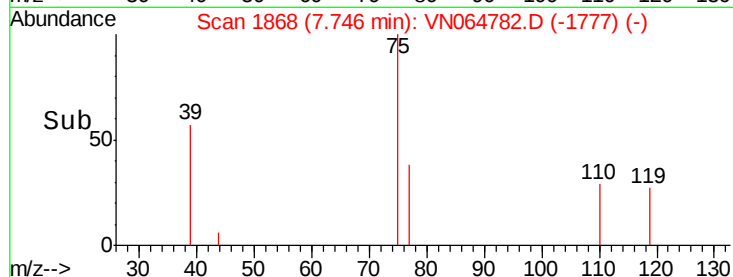
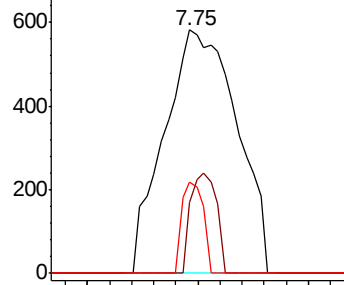
#36
 1,1-Dichloropropene
 Concen: 0.555 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion: 75 Resp: 1330
 Ion Ratio Lower Upper
 75 100
 110 14.8 17.8 53.3#
 77 11.1 25.0 37.4#

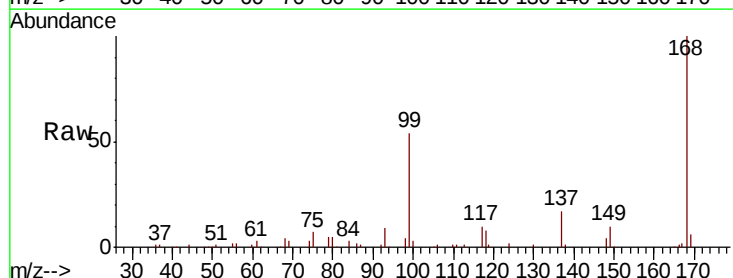


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

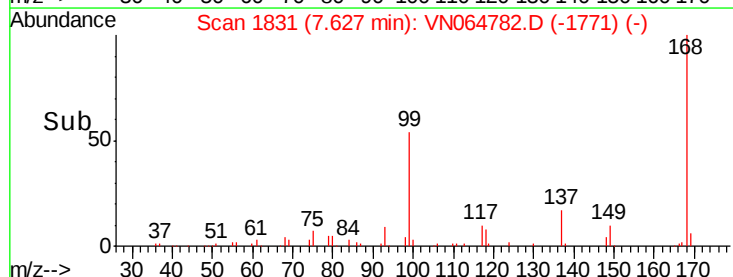
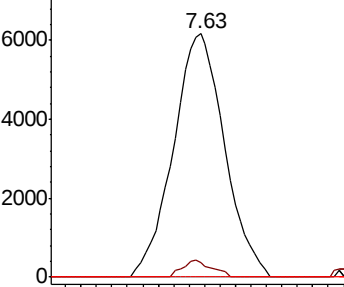


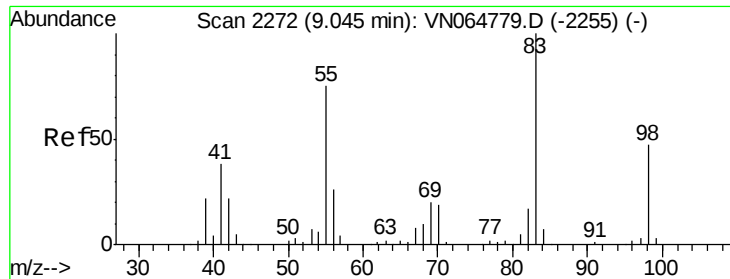
#38
 Carbon Tetrachloride
 Concen: 5.685 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Tgt Ion: 117 Resp: 14163
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.7 115.1#
 121 0.0 25.4 38.2#



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

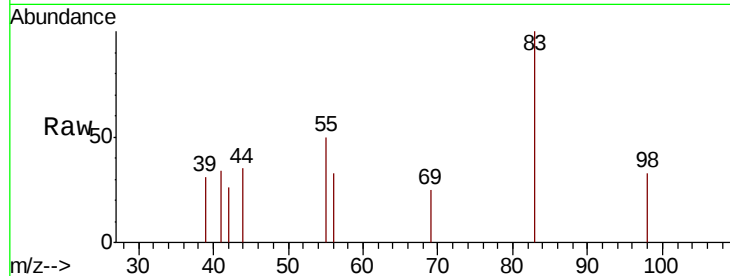




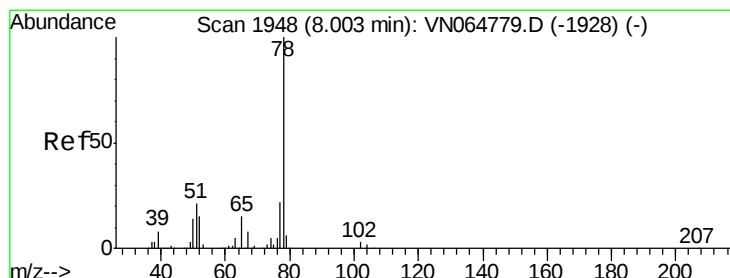
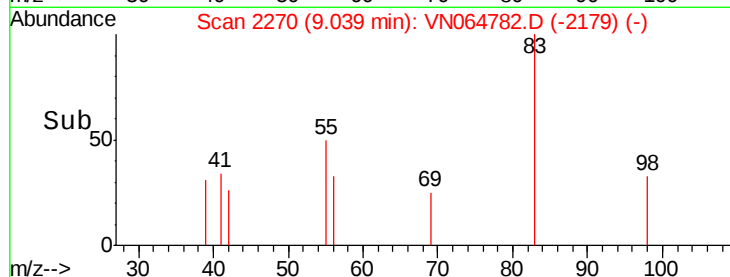
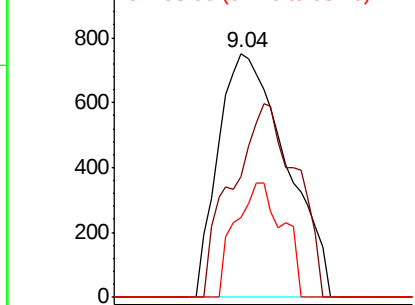
#39
Methvlcvclohexane
Concen: 0.594 ug/l
RT: 9.04 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 83 Resp: 1532
Ion Ratio Lower Upper
83 100
55 49.5 60.2 90.2#
98 32.9 37.4 56.2#

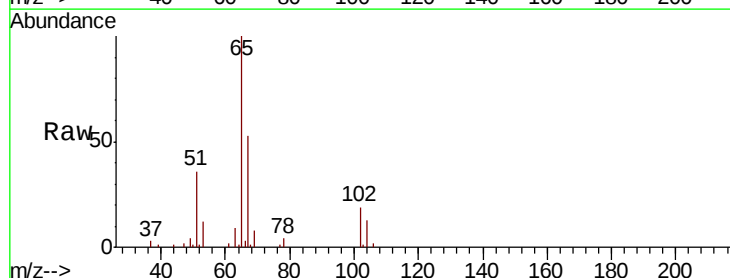


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

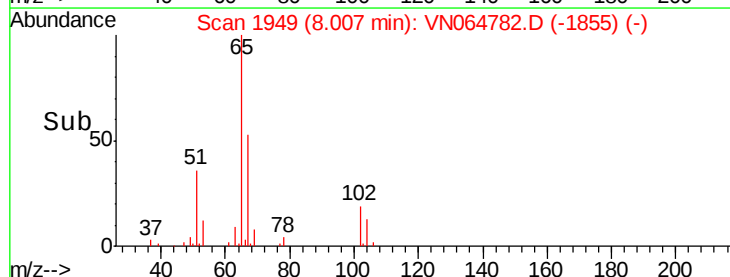
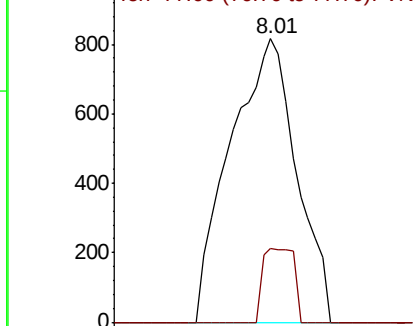


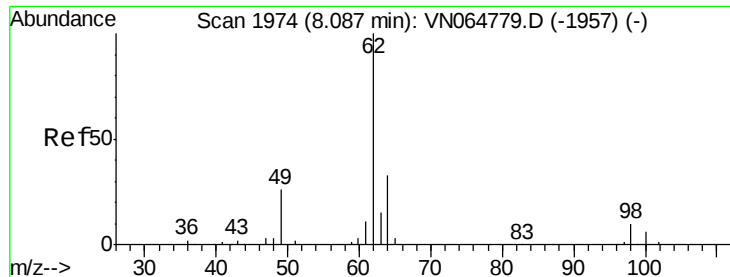
#40
Benzene
Concen: 0.221 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Tgt Ion: 78 Resp: 1620
Ion Ratio Lower Upper
78 100
77 25.9 17.9 26.9



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





#42

1,2-Dichloroethane

Concen: 0.263 ug/l

RT: 8.09 min Scan# 1976

Delta R.T. 0.01 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

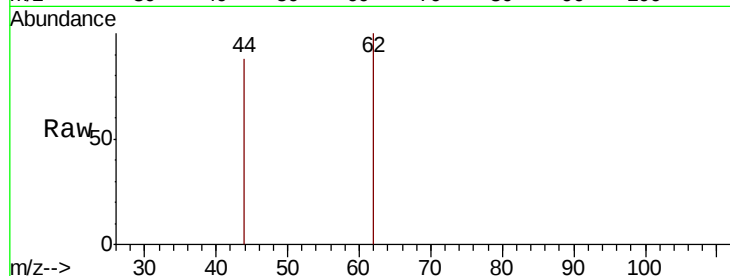
BFB

Tot Ion: 62 Resp: 650

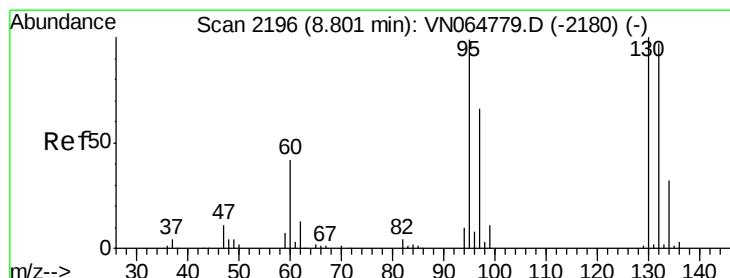
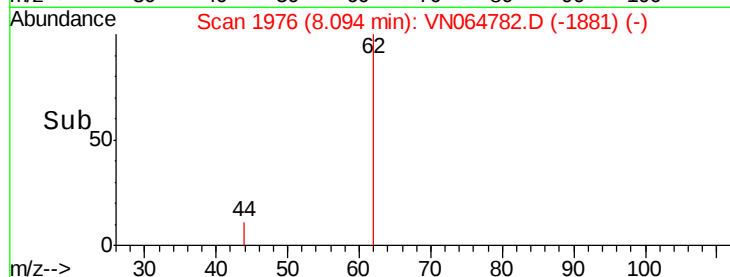
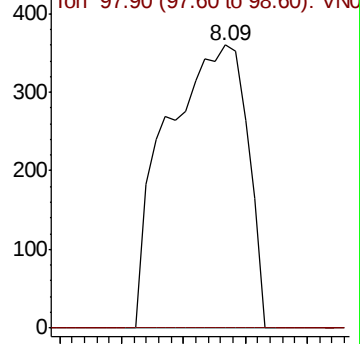
Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN064779.D (-1957) (-)



#44

Trichloroethene

Concen: 0.527 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064782.D

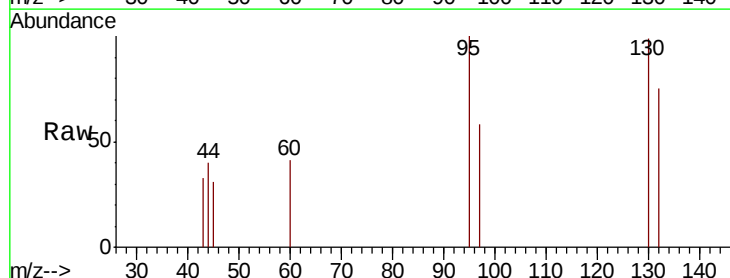
Acq: 23 Nov 2020 13:55

Tgt Ion: 130 Resp: 1140

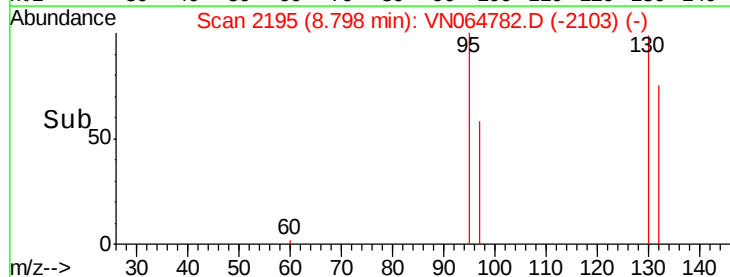
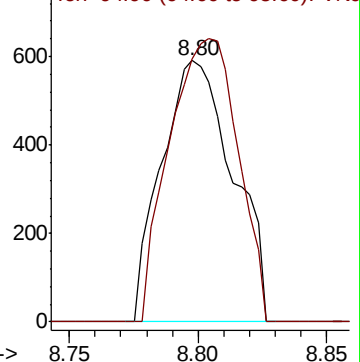
Ion Ratio Lower Upper

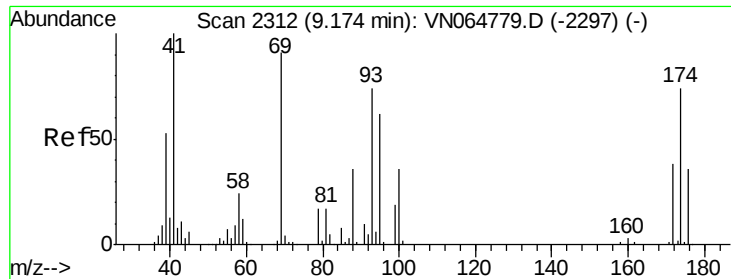
130 100

95 100.7 0.0 197.8



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





#46

Dibromomethane

Concen: 0.208 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

BFB

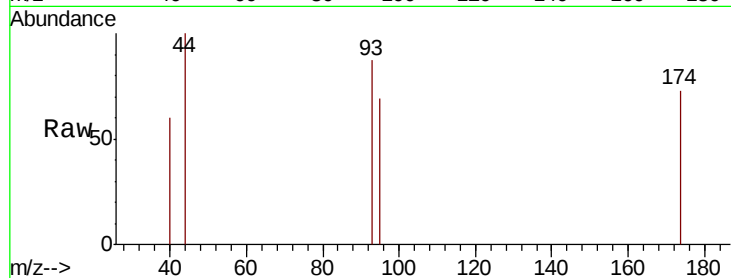
Tot Ion: 93 Resp: 264

Ion Ratio Lower Upper

93 100

95 108.0 68.8 103.2#

174 136.7 83.1 124.7#

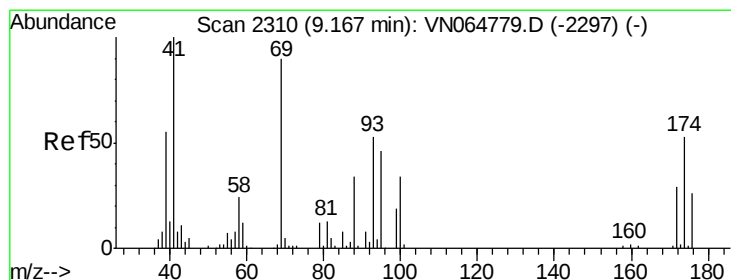
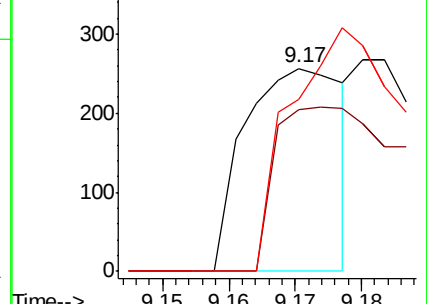
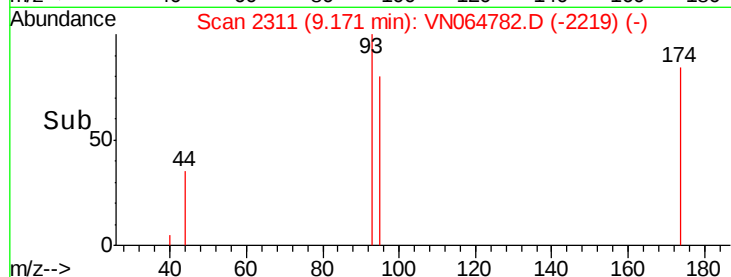


Abundance Ion 92.80 (92.50 to 93.50): VN064779.D (-2297) (-)

Ion 94.80 (94.50 to 95.50): VN064779.D (-2297) (-)

Ion 173.70 (173.40 to 174.40): VN064779.D (-2297) (-)

Time-->



#48

Methyl methacrylate

Concen: 0.419 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. -0.12 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

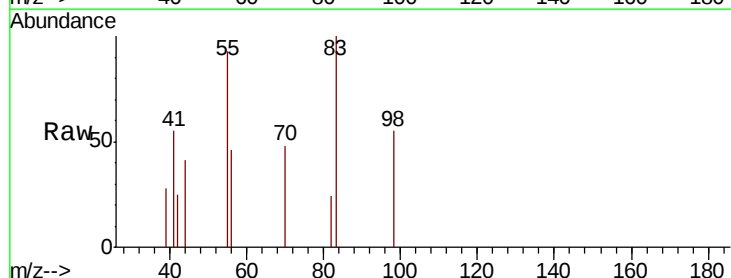
Tgt Ion: 41 Resp: 743

Ion Ratio Lower Upper

41 100

69 13.9 71.8 107.8#

39 45.9 44.1 66.1

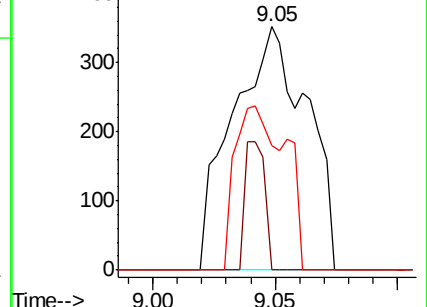
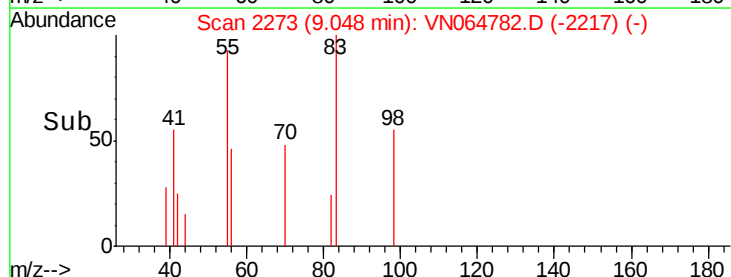


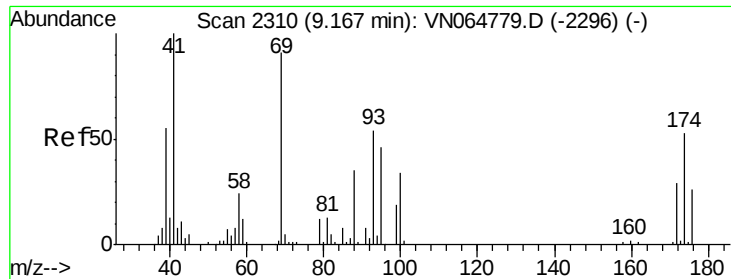
Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

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

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

Time-->





#49

1,4-Dioxane

Concen: 0.865 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

BFB

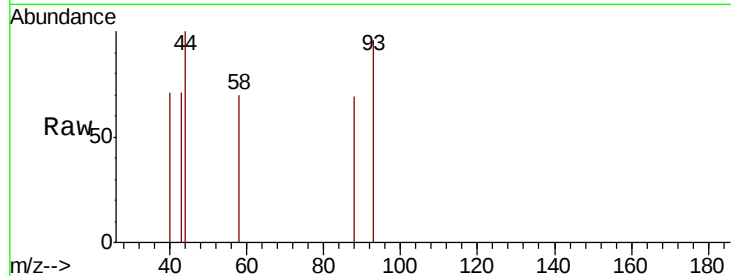
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 227.6 24.2 36.4#

58 220.7 52.5 78.7#



Abundance Ion 88.00 (87.70 to 88.70): VN064782.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN064782.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064782.D (-2217) (-)

250

200

150

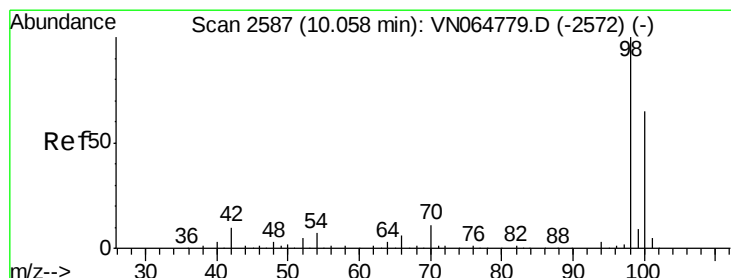
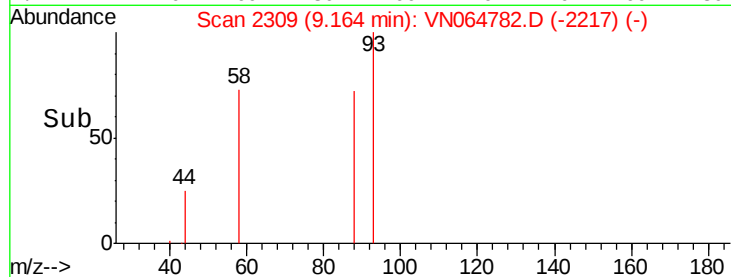
100

50

0

9.15 9.16 9.16 9.17 9.18

Time-->



#50

Toluene-d8

Concen: 51.062 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064782.D

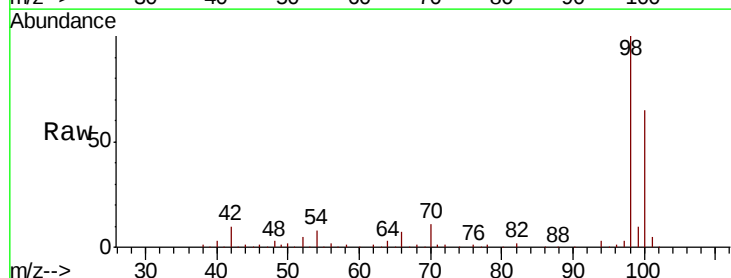
Acq: 23 Nov 2020 13:55

Tgt Ion: 98 Resp: 322492

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064782.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064782.D (-2494) (-)

200000

150000

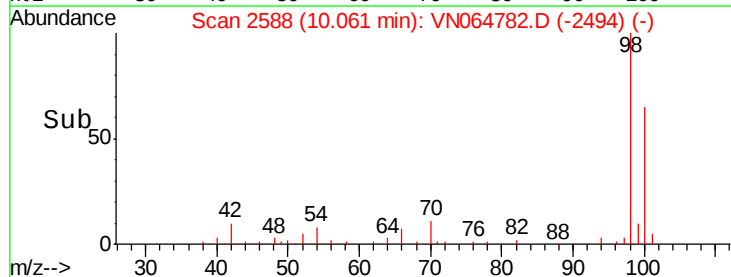
100000

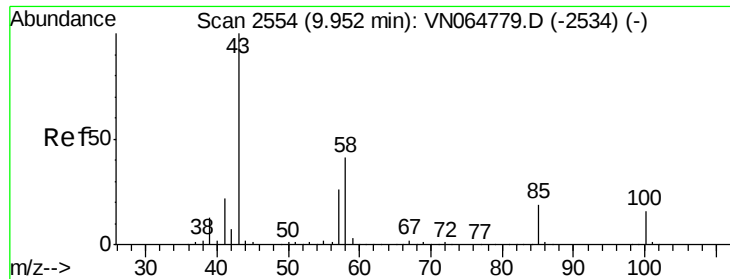
50000

0

10.00 10.06 10.10

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.628 ug/l

RT: 9.96 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

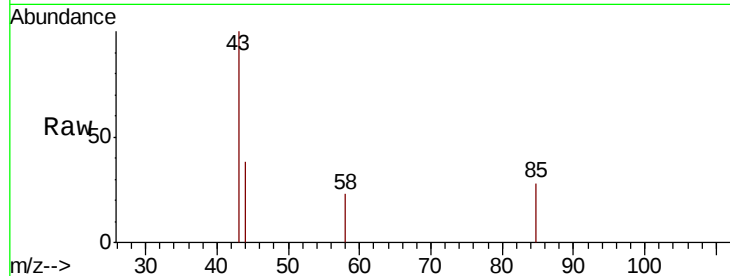
BFB

Tot Ion: 43 Resp: 1399

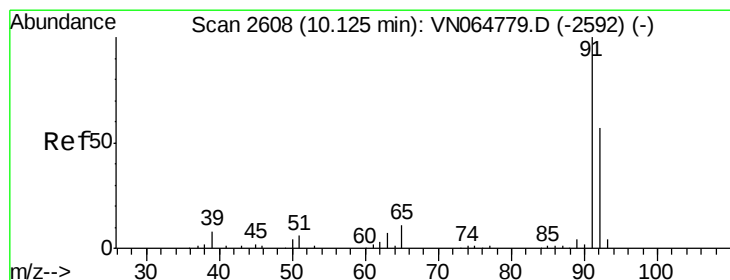
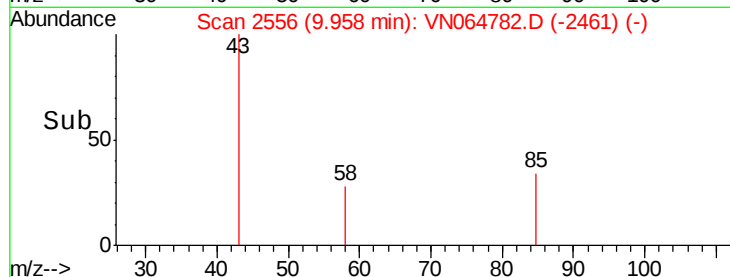
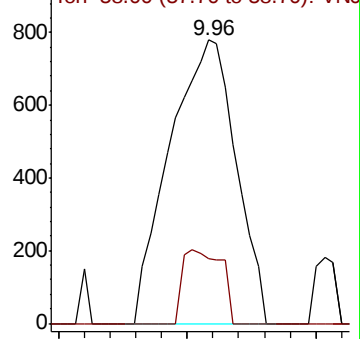
Ion Ratio Lower Upper

43 100

58 15.3 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)



#52

Toluene

Concen: 0.238 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064782.D

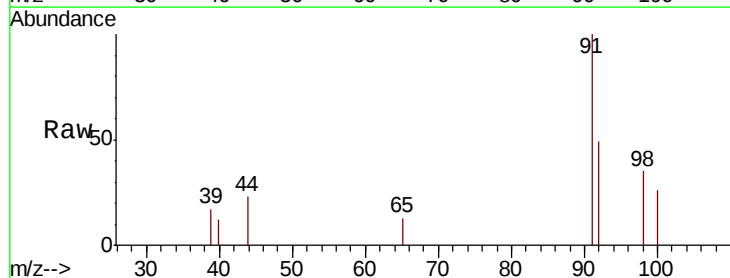
Acq: 23 Nov 2020 13:55

Tgt Ion: 92 Resp: 1074

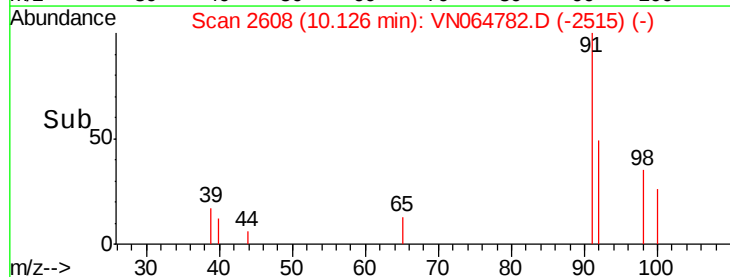
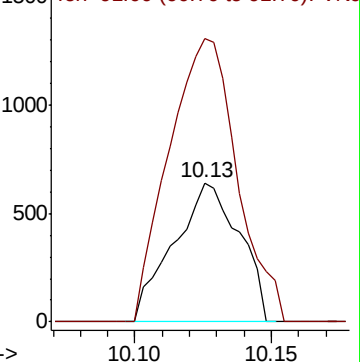
Ion Ratio Lower Upper

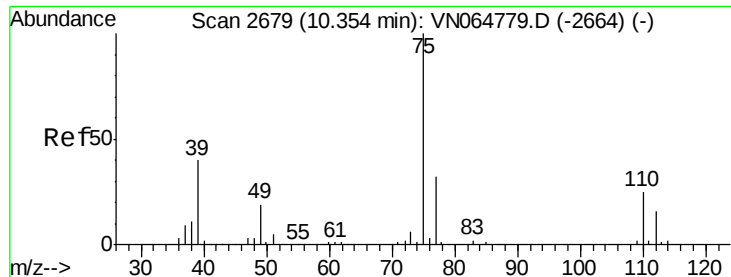
92 100

91 211.4 139.1 208.7#



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 0.285 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

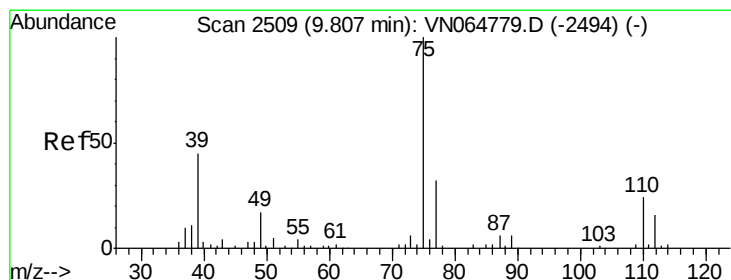
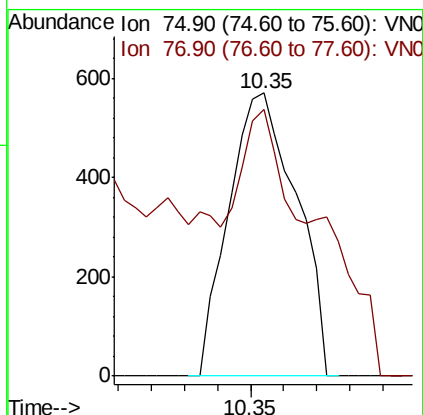
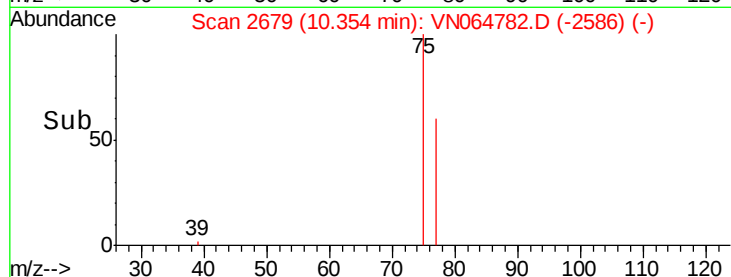
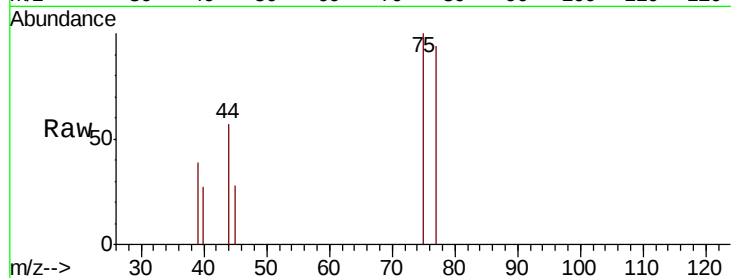
BFB

Tot Ion: 75 Resp: 810

Ion Ratio Lower Upper

75 100

77 46.2 25.8 38.6#



#54

cis-1,3-Dichloropropene

Concen: 0.216 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

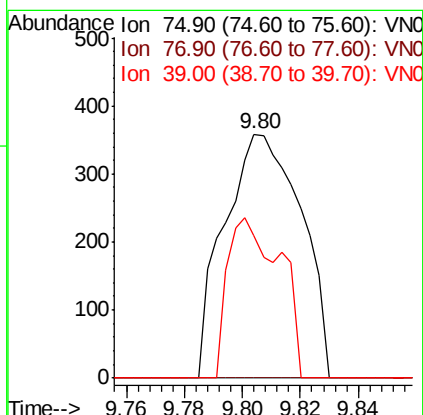
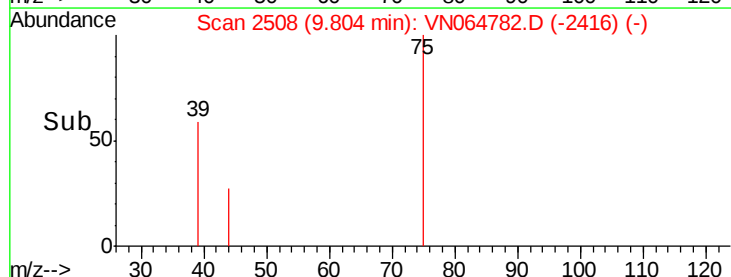
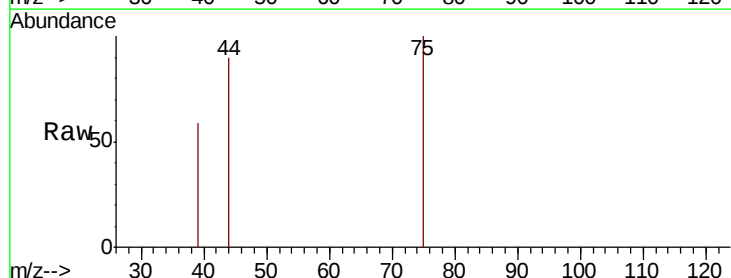
Tgt Ion: 75 Resp: 660

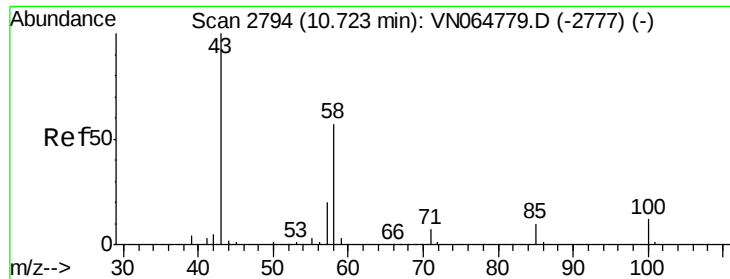
Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

39 58.7 35.6 53.4#

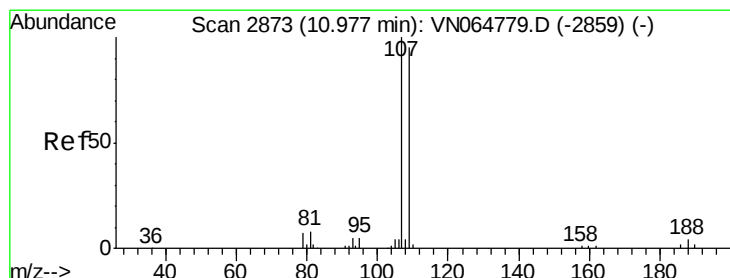
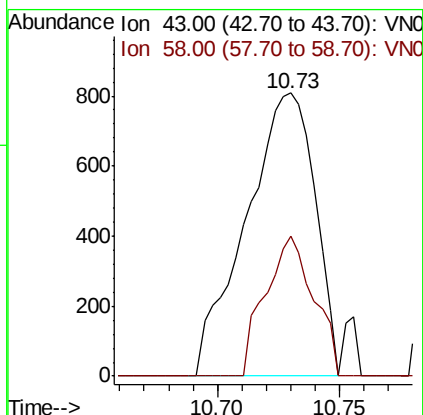
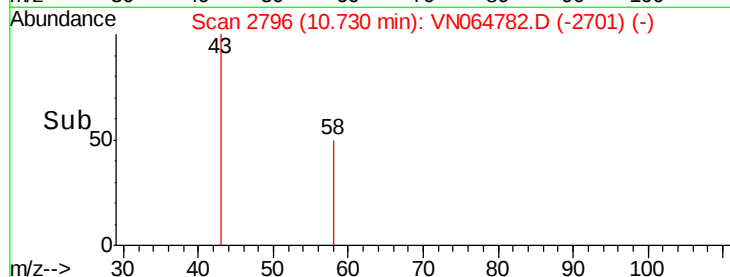
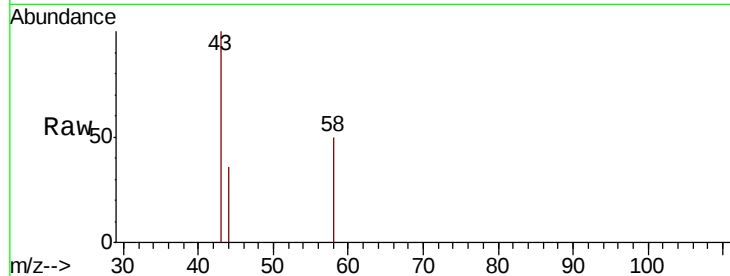




#59
2-Hexanone
Concen: 0.990 ug/l
RT: 10.73 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

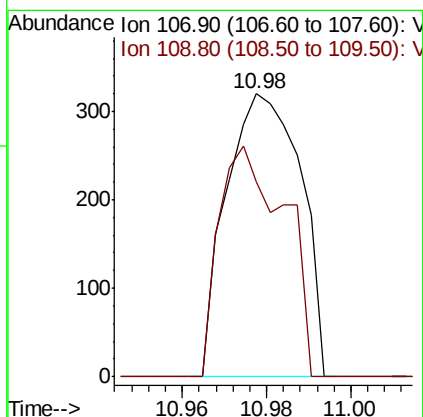
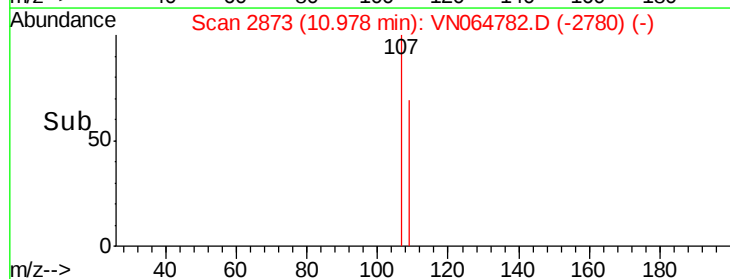
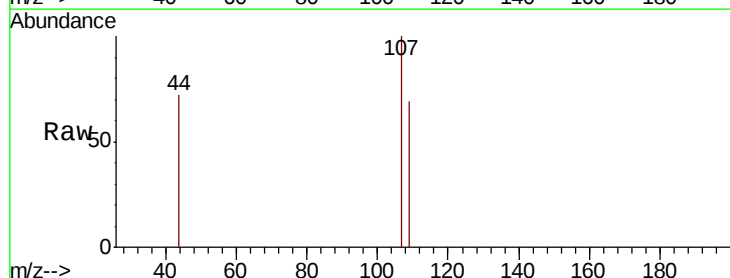
Instrument :
MSVOA_N
ClientSampled :
BFB

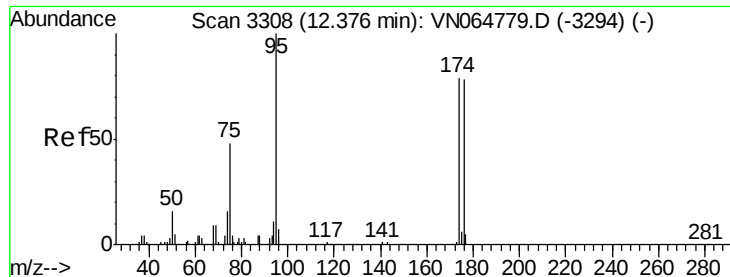
Tot Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
58 34.7 28.3 84.9



#61
1,2-Dibromoethane
Concen: 0.206 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Tgt Ion: 107 Resp: 389
Ion Ratio Lower Upper
107 100
109 72.0 76.0 114.0#

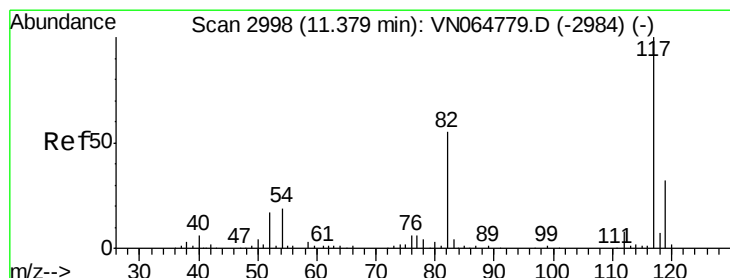
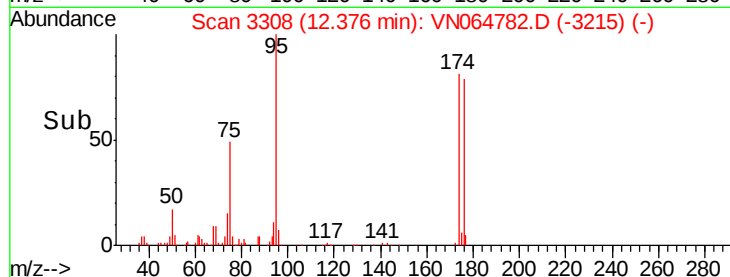
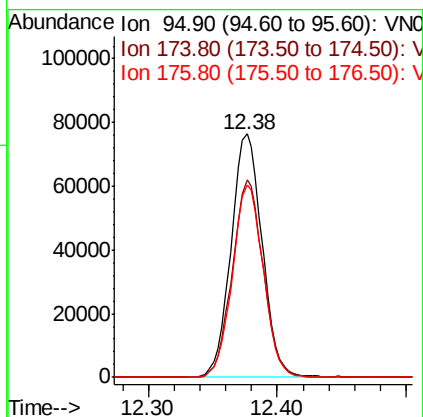
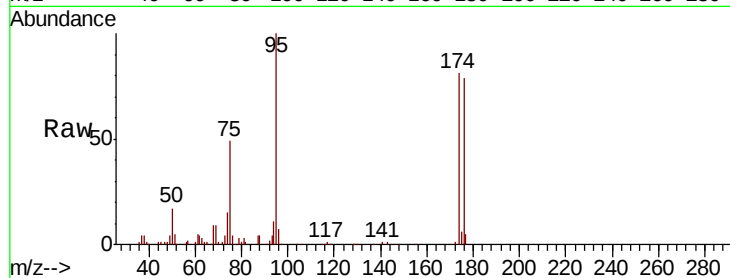




#62
4-Bromofluorobenzene
Concen: 56.433 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

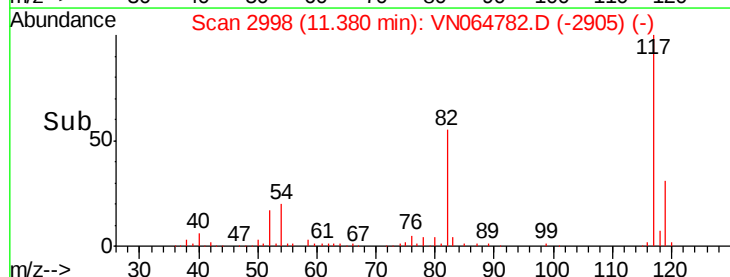
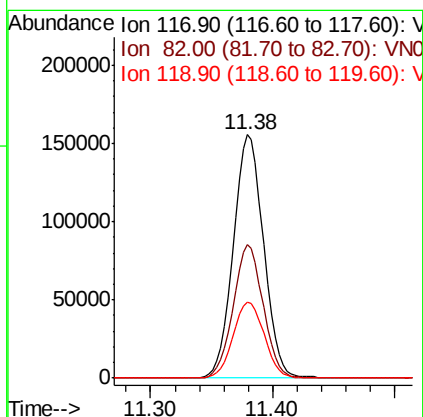
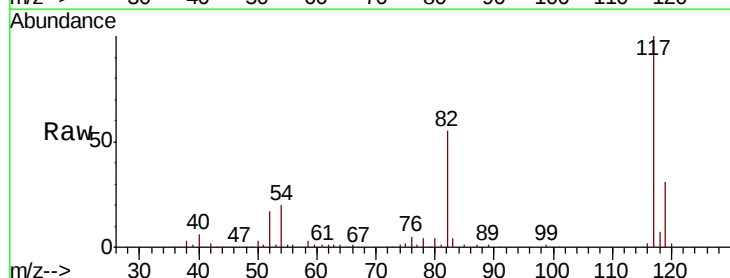
Instrument :
MSVOA_N
ClientSampled :
BFB

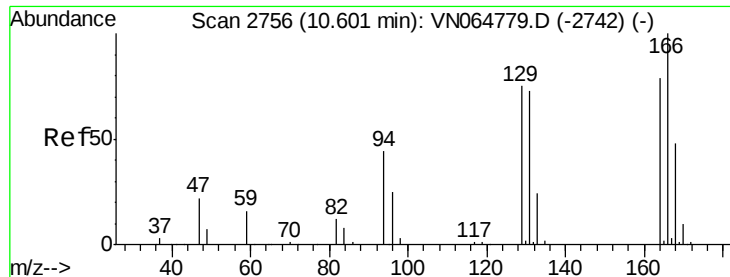
Tot Ion: 95 Resp: 127553
Ion Ratio Lower Upper
95 100
174 81.2 0.0 160.4
176 78.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Tgt Ion: 117 Resp: 267982
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.3 25.8 38.6





#64

Tetrachloroethene

Concen: 0.501 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

BFB

Tot Ion:164 Resp: 1307

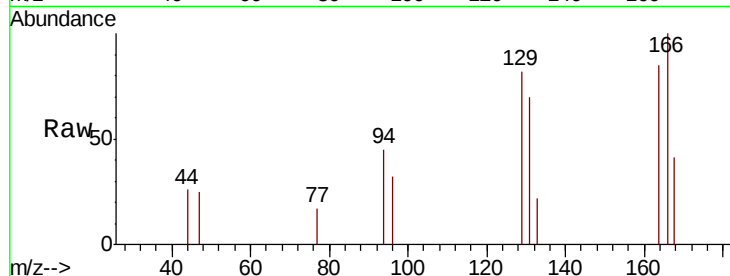
Ion Ratio Lower Upper

164 100

166 117.3 101.4 152.0

129 96.0 76.1 114.1

131 81.8 74.2 111.2

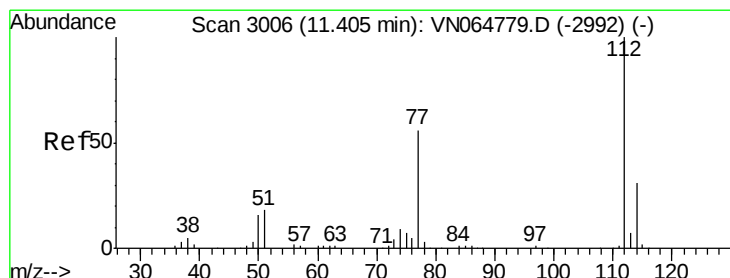
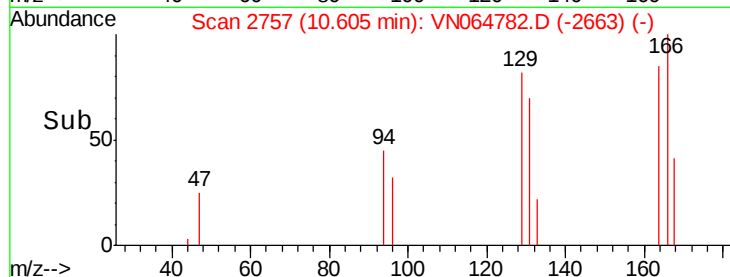
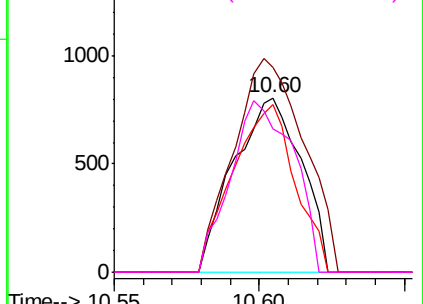


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.391 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064782.D

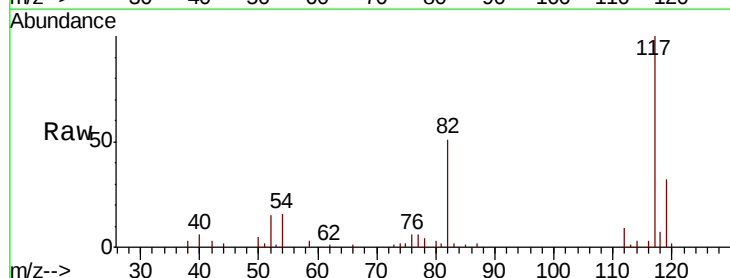
Acq: 23 Nov 2020 13:55

Tgt Ion:112 Resp: 2249

Ion Ratio Lower Upper

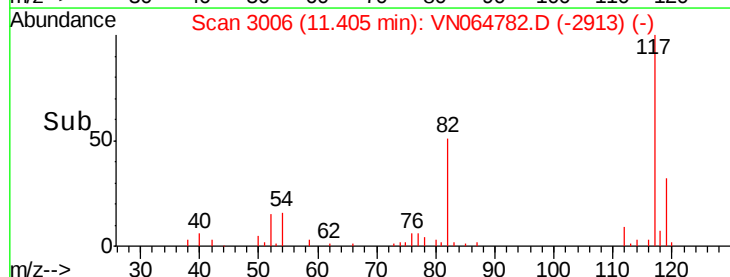
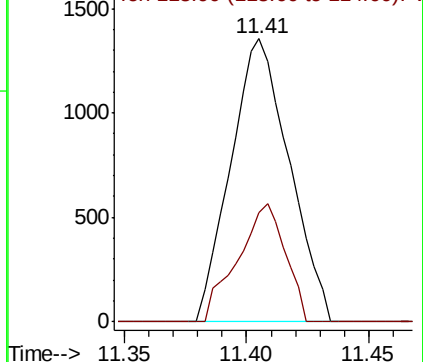
112 100

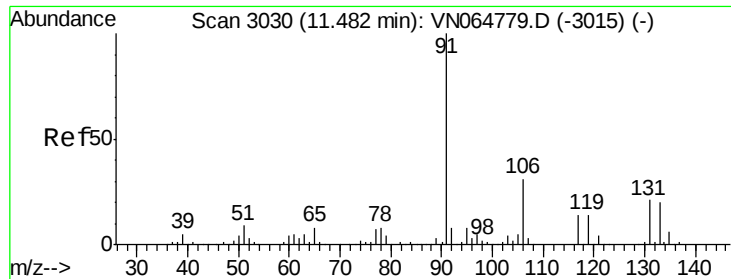
114 38.7 25.1 37.7#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

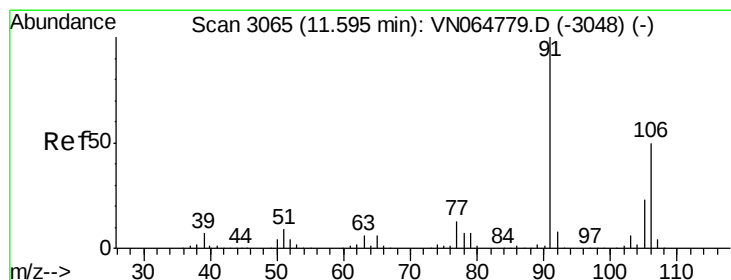
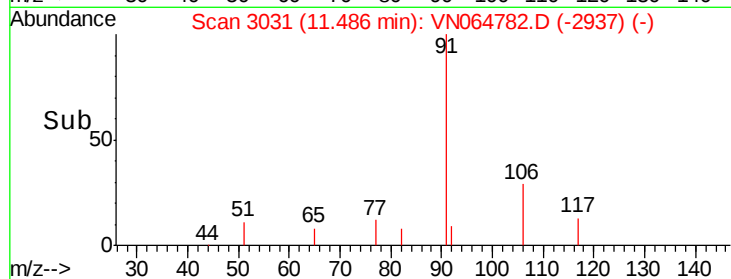
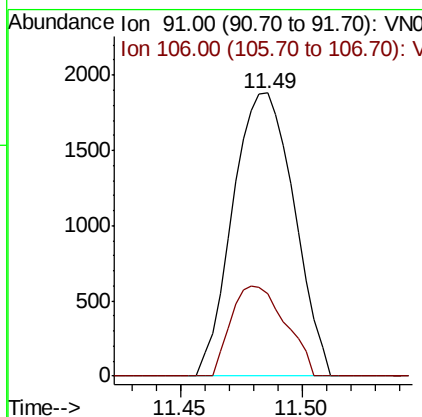
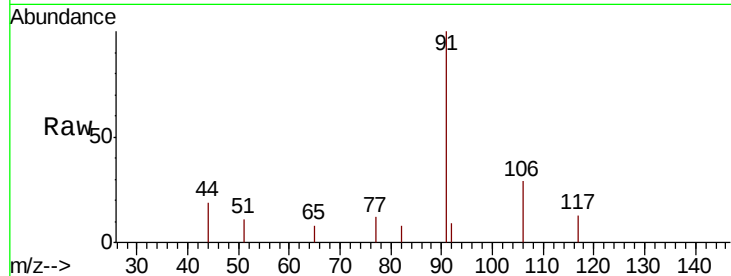




#67
Ethyl Benzene
Concen: 0.341 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

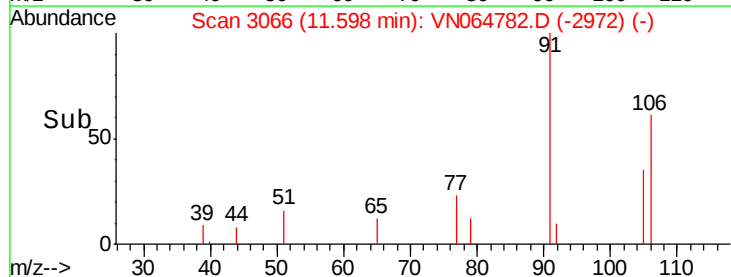
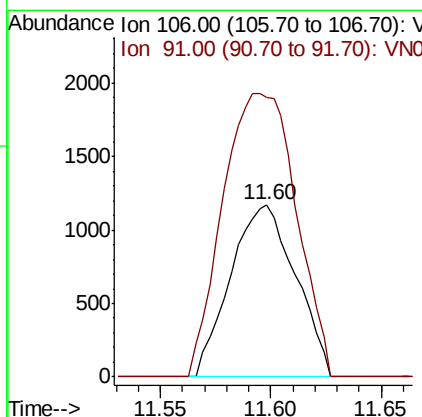
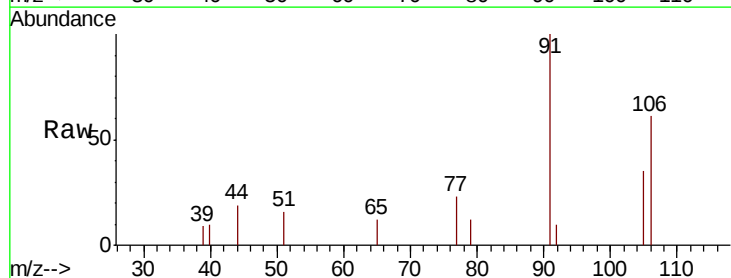
Instrument :
MSVOA_N
ClientSampled :
BFB

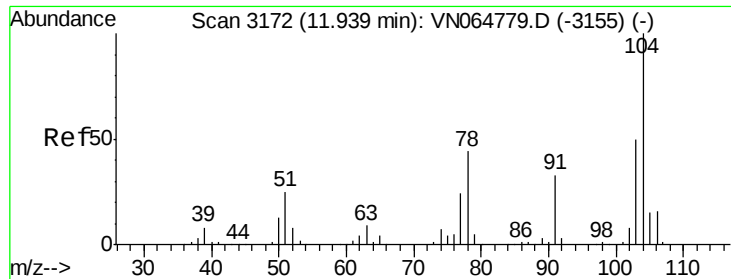
Tot Ion: 91 Resp: 3280
Ion Ratio Lower Upper
91 100
106 29.3 25.2 37.8



#68
m/p-Xylenes
Concen: 0.657 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Tgt Ion: 106 Resp: 2393
Ion Ratio Lower Upper
106 100
91 185.8 161.0 241.4

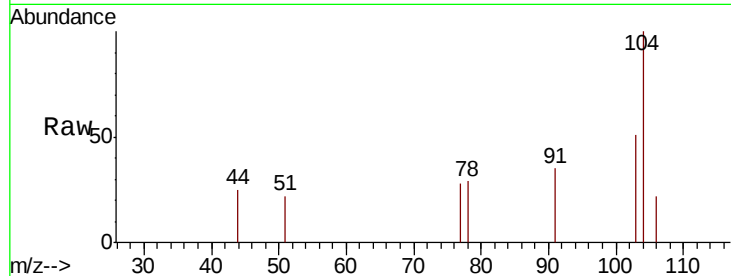




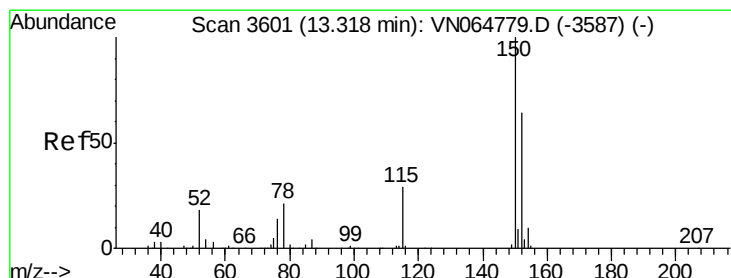
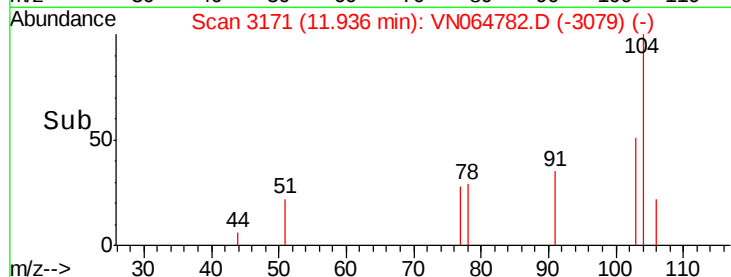
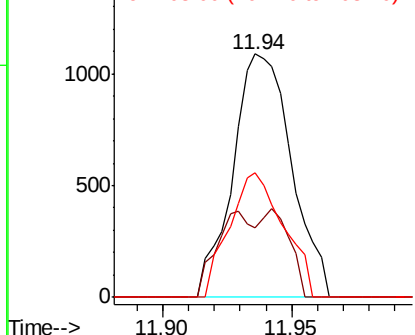
#70
Stvrene
Concen: 0.296 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:104 Resp: 1724
Ion Ratio Lower Upper
104 100
78 22.6 39.0 58.6#
103 47.3 44.3 66.5

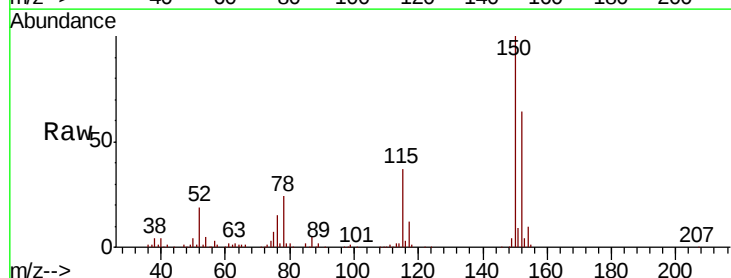


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

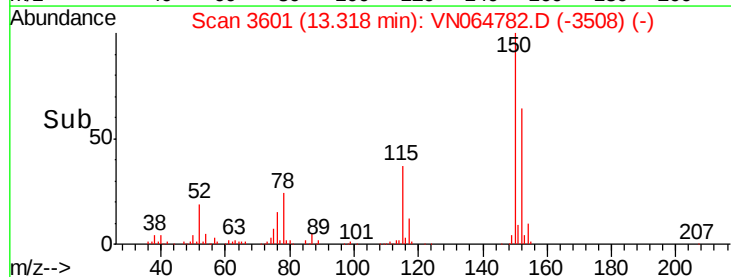
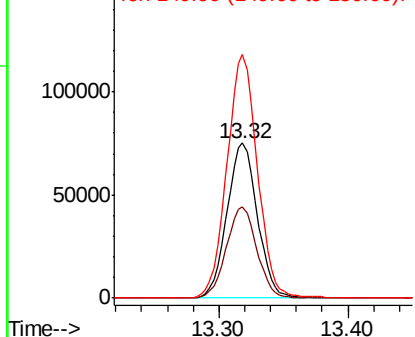


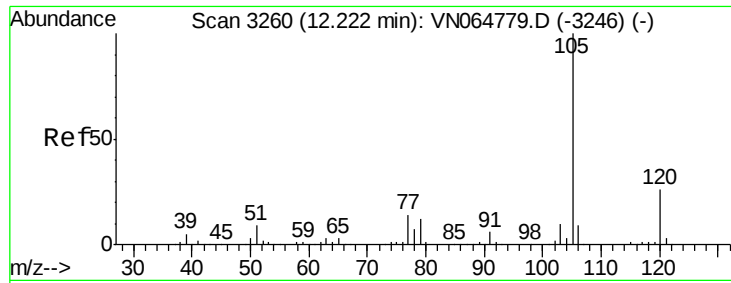
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Tgt Ion:152 Resp: 123142
Ion Ratio Lower Upper
152 100
115 58.8 29.7 89.1
150 157.6 0.0 350.6



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





#73

Isopropylbenzene

Concen: 0.311 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

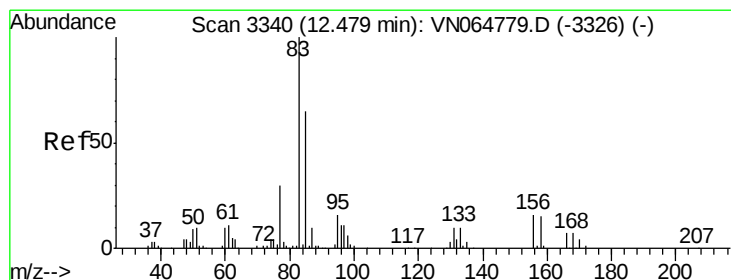
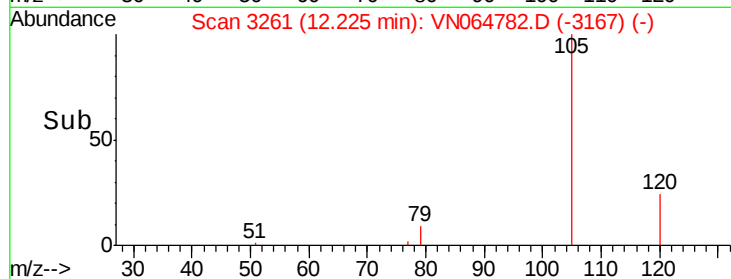
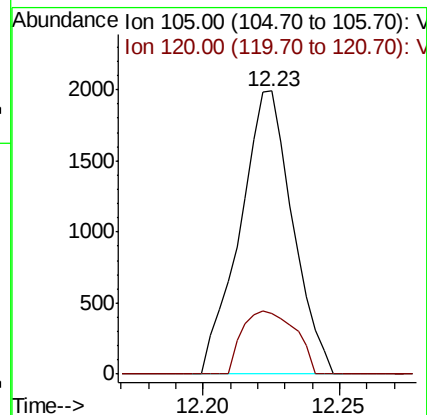
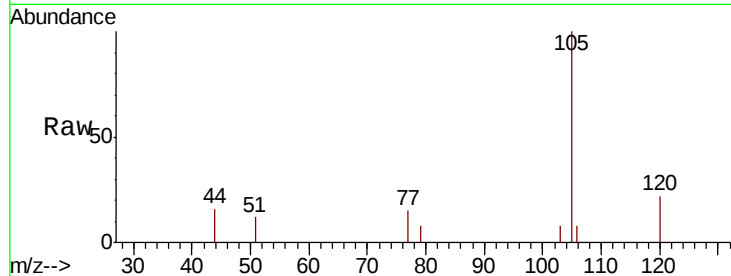
BFB

Tot Ion:105 Resp: 2662

Ion Ratio Lower Upper

105 100

120 22.6 13.3 39.9



#75

1,1,2,2-Tetrachloroethane

Concen: 0.233 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

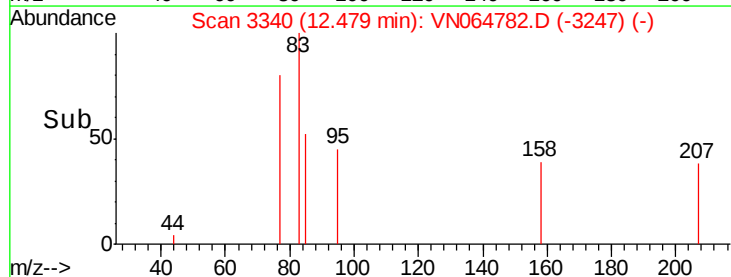
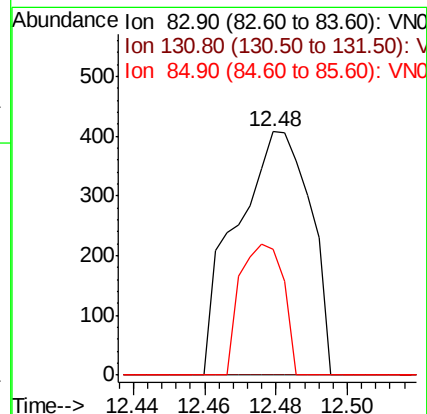
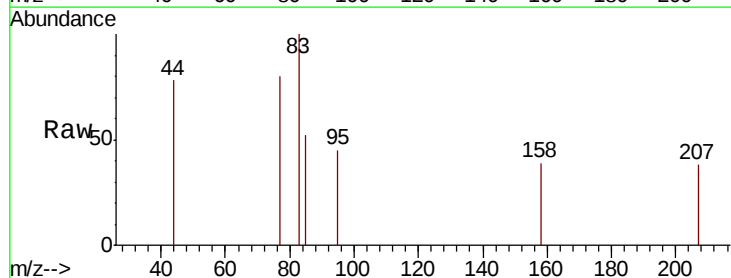
Tgt Ion: 83 Resp: 585

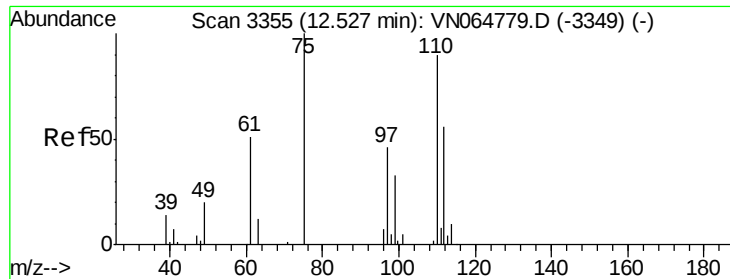
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 31.5 33.0 99.0#





#76

1,2,3-Trichloropropane

Concen: 23.024 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

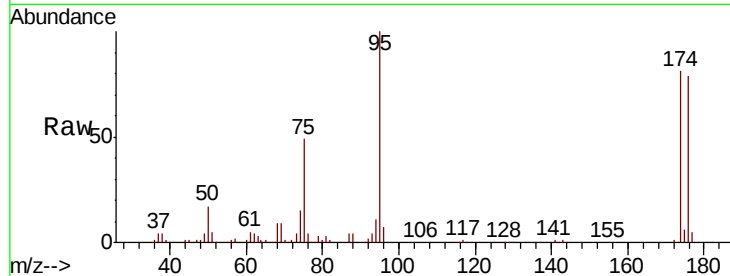
BFB

Tot Ion: 75 Resp: 61058

Ion Ratio Lower Upper

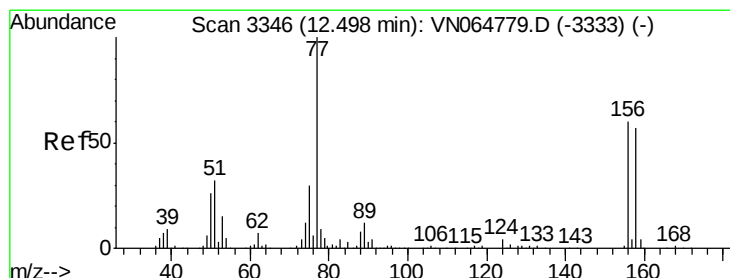
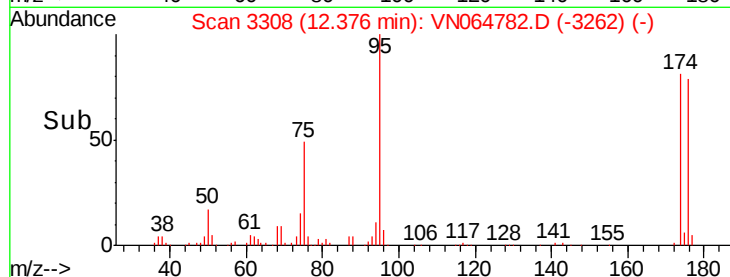
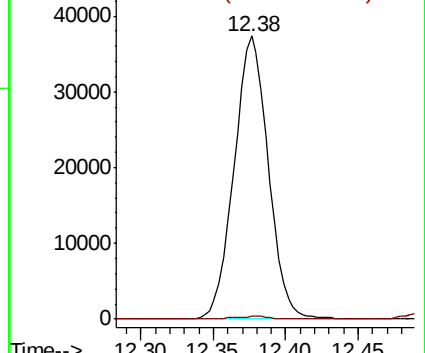
75 100

77 0.9 0.0 0.0#



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

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



#77

Bromobenzene

Concen: 0.495 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

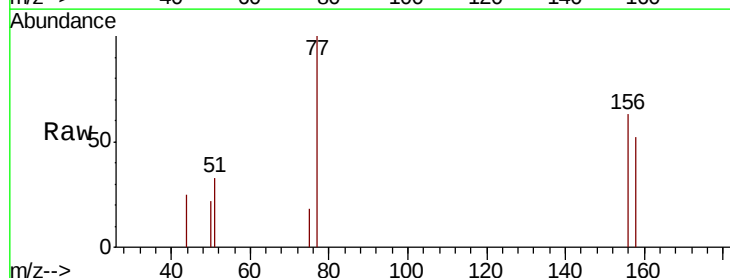
Tgt Ion: 156 Resp: 1142

Ion Ratio Lower Upper

156 100

77 181.3 101.3 303.7

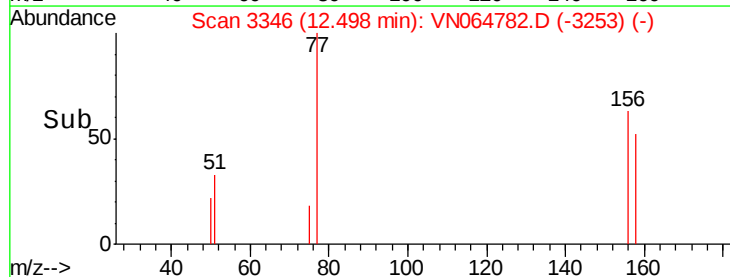
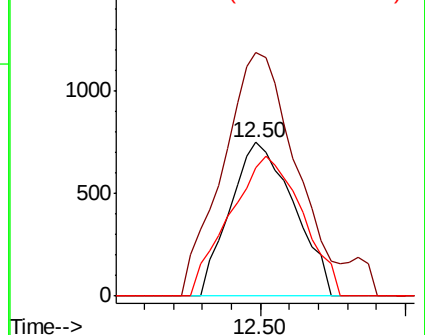
158 103.3 48.2 144.6

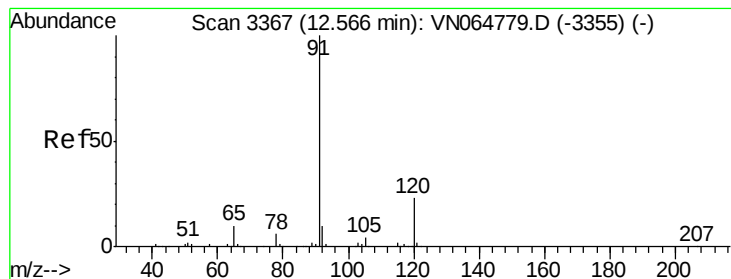


Abundance Ion 155.80 (155.50 to 156.50): VN064779.D (-3333) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3333) (-)

Ion 157.80 (157.50 to 158.50): VN064779.D (-3333) (-)





#78

n-propylbenzene

Concen: 0.523 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

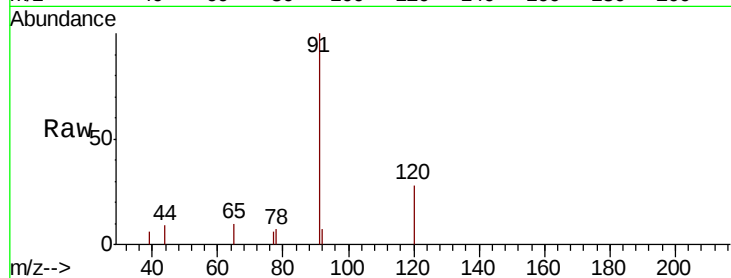
BFB

Tot Ion: 91 Resp: 5103

Ion Ratio Lower Upper

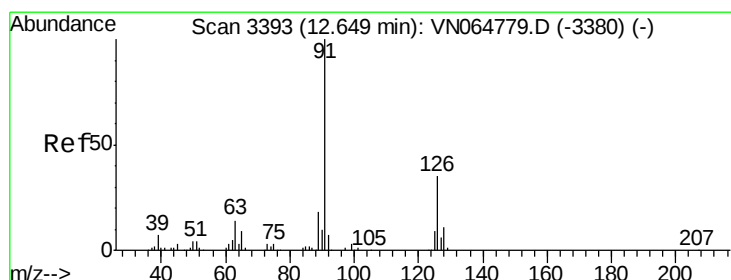
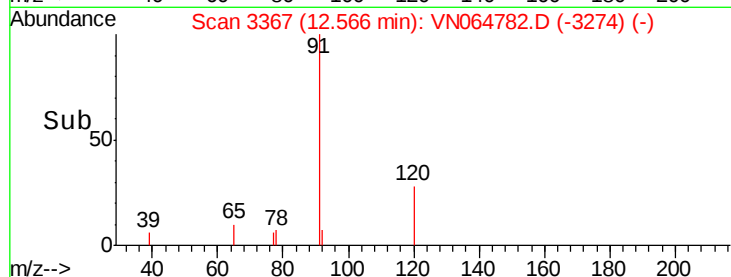
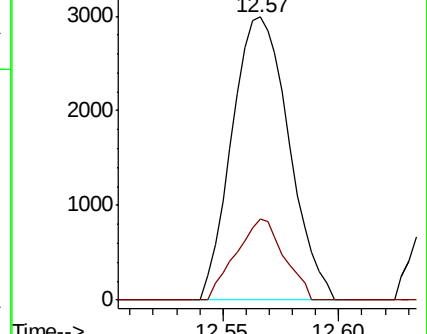
91 100

120 24.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.469 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064782.D

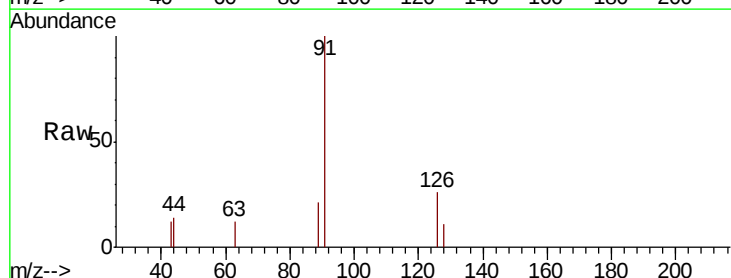
Acq: 23 Nov 2020 13:55

Tgt Ion: 91 Resp: 2829

Ion Ratio Lower Upper

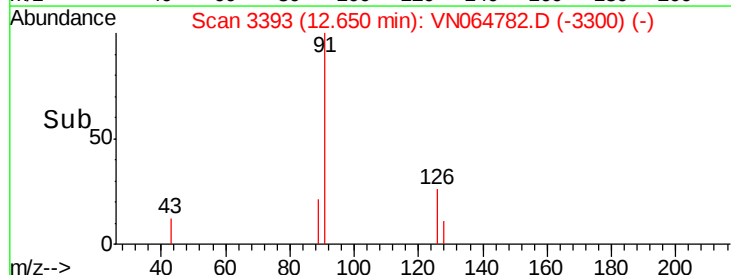
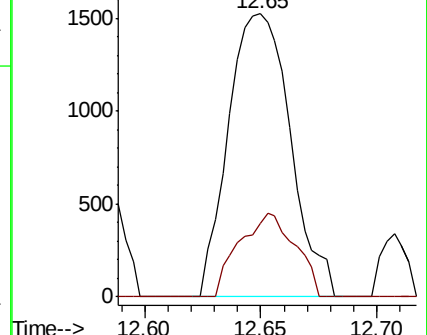
91 100

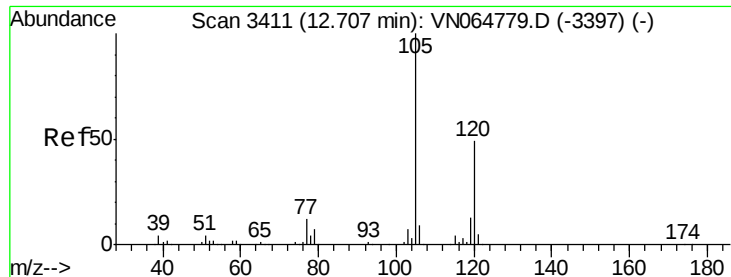
126 26.9 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.380 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

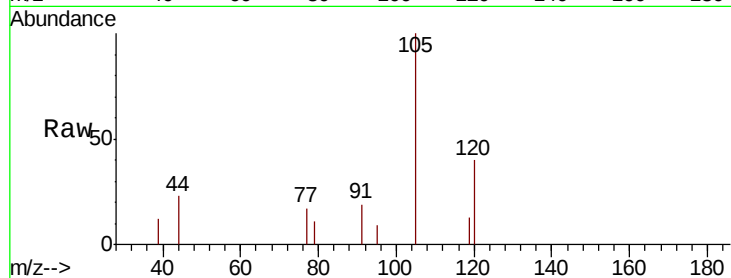
BFB

Tot Ion:105 Resp: 2706

Ion Ratio Lower Upper

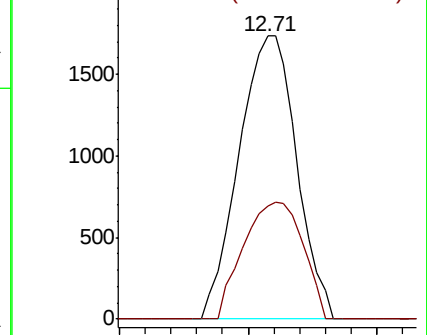
105 100

120 42.6 24.6 73.6

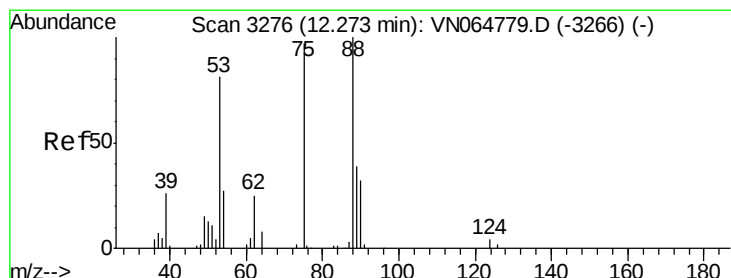
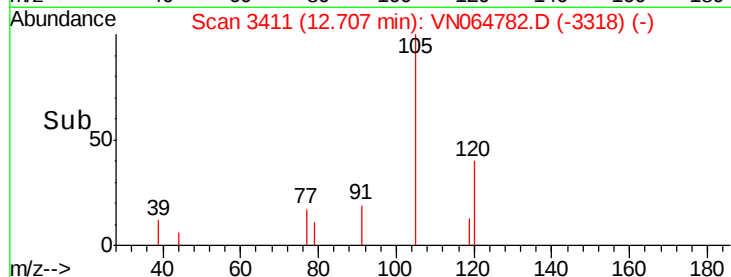


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 12.65 12.70 12.75



#81

trans-1,4-Dichloro-2-butene

Concen: 63.102 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

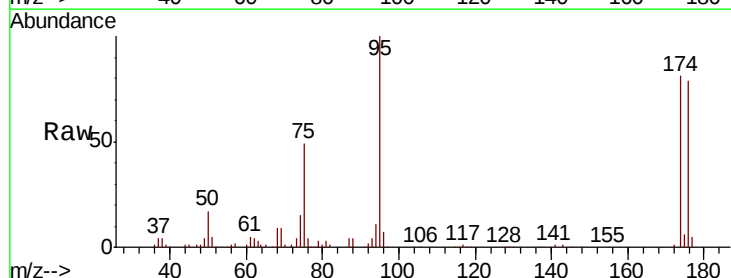
Tgt Ion: 75 Resp: 61058

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

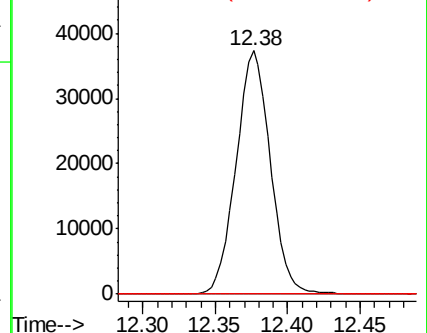
89 0.0 39.6 59.4#



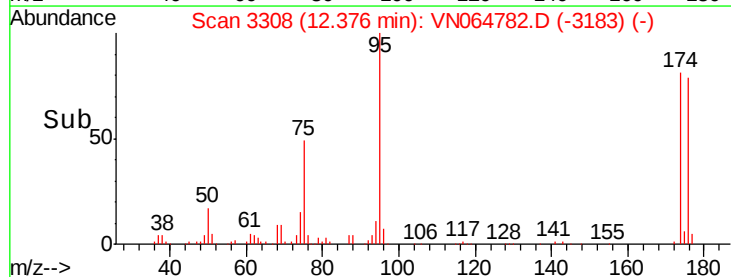
Abundance Ion 74.90 (74.60 to 75.60): V

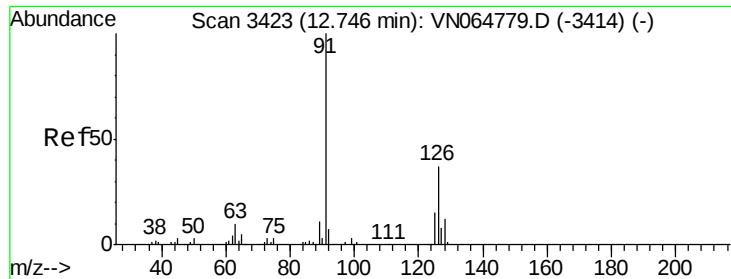
Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V



Time--> 12.30 12.35 12.40 12.45





#82

4-Chlorotoluene

Concen: 0.585 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

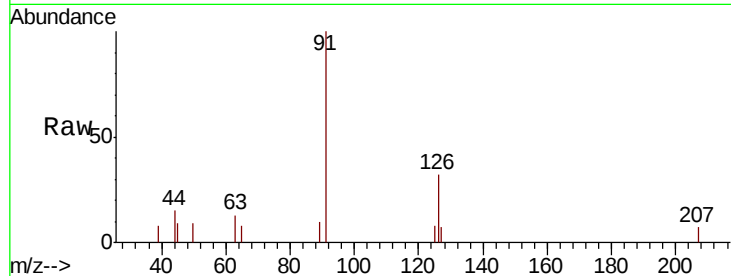
BFB

Tot Ion: 91 Resp: 3698

Ion Ratio Lower Upper

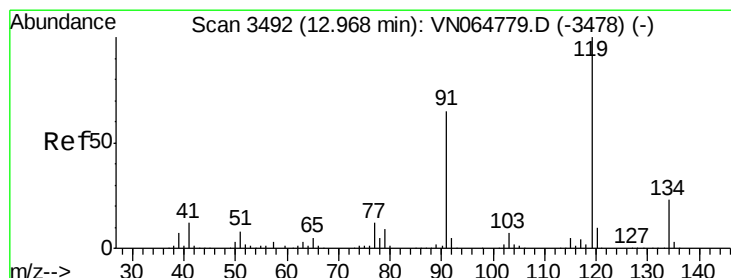
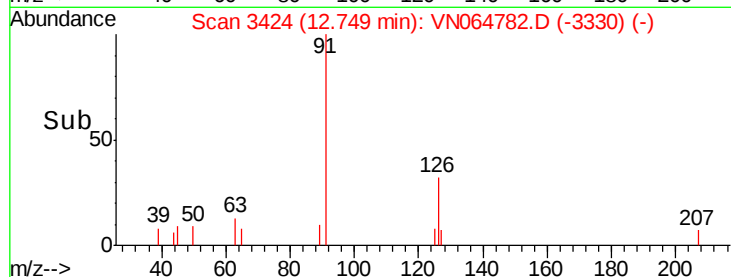
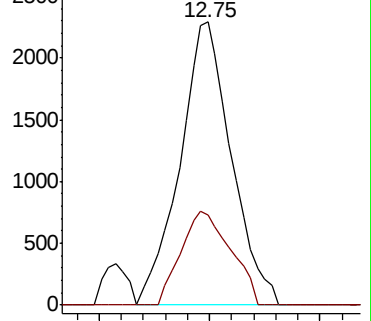
91 100

126 32.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3414) (-)



#83

tert-Butylbenzene

Concen: 0.368 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

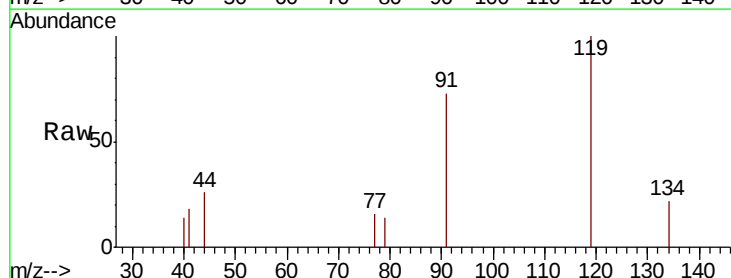
Tgt Ion: 119 Resp: 2198

Ion Ratio Lower Upper

119 100

91 68.2 32.3 96.8

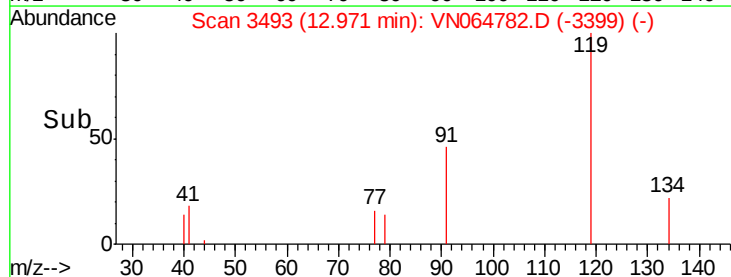
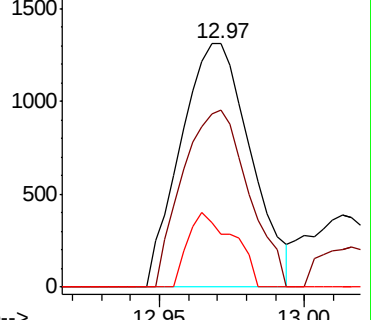
134 20.1 12.6 37.6

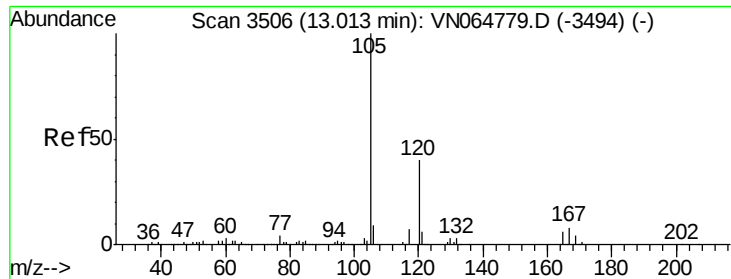


Abundance Ion 119.00 (118.70 to 119.70): VN064779.D (-3478) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-3478) (-)

Ion 134.00 (133.70 to 134.70): VN064779.D (-3478) (-)

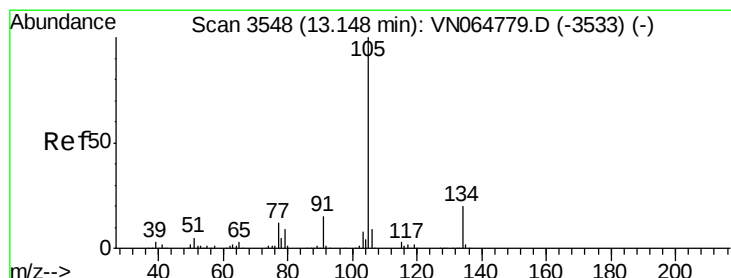
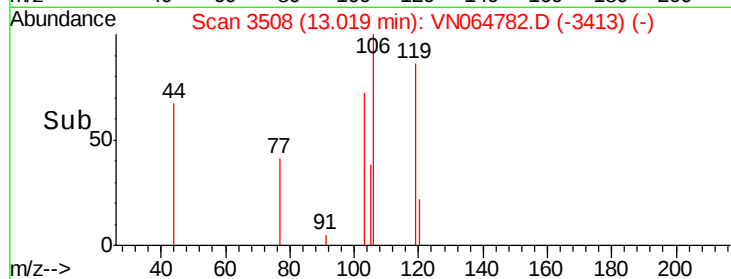
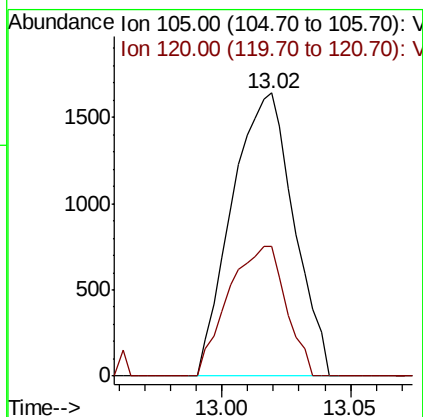
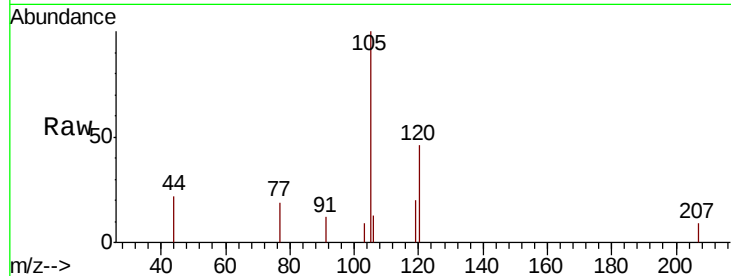




#84
 1,2,4-Trimethylbenzene
 Concen: 0.382 ug/l
 RT: 13.02 min Scan# 3508
 Delta R.T. 0.01 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

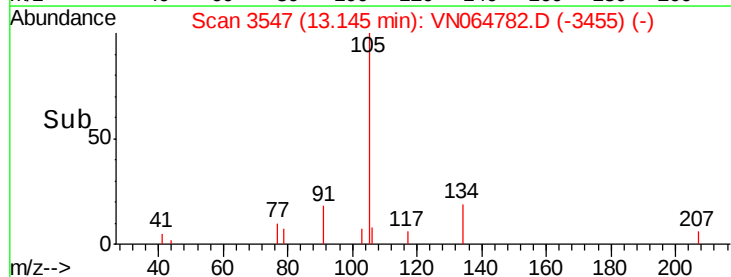
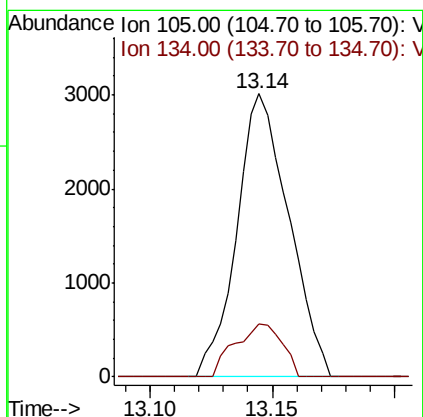
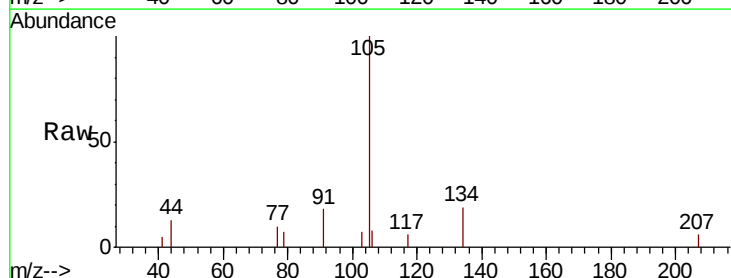
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

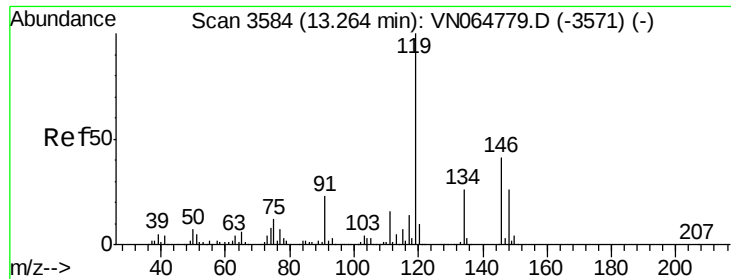
Tot Ion:105 Resp: 2752
 Ion Ratio Lower Upper
 105 100
 120 42.6 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 0.561 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Tgt Ion:105 Resp: 4441
 Ion Ratio Lower Upper
 105 100
 134 17.0 10.1 30.1

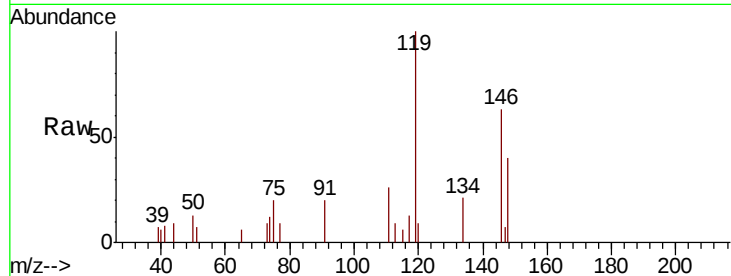




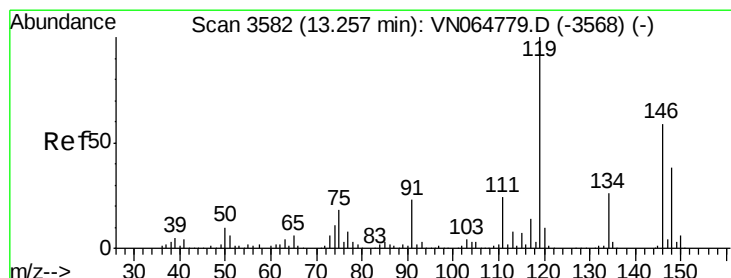
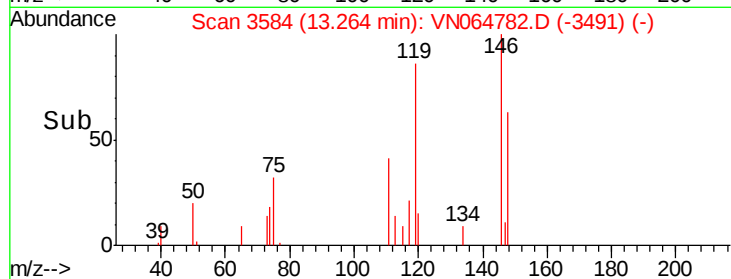
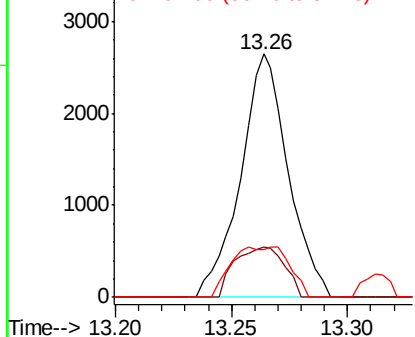
#86
p-Isopropyltoluene
Concen: 0.522 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:119 Resp: 3769
Ion Ratio Lower Upper
119 100
134 21.2 13.1 39.1
91 25.3 11.5 34.5

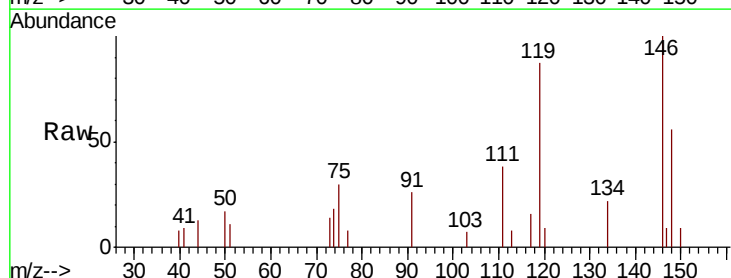


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

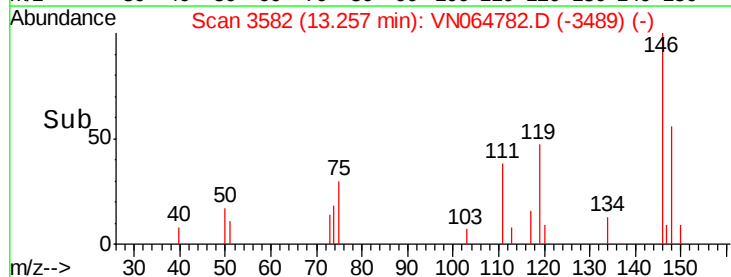
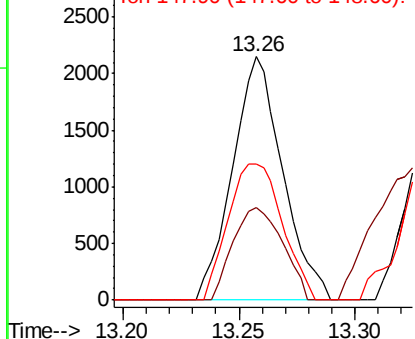


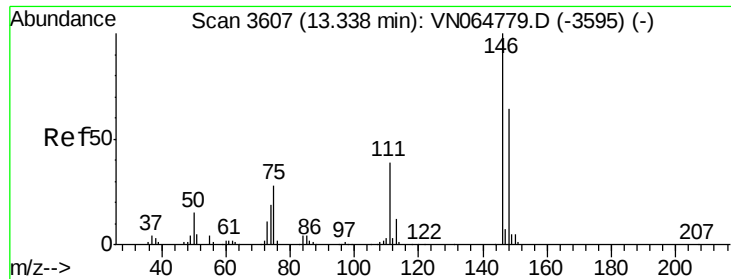
#87
1,3-Dichlorobenzene
Concen: 0.787 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN064782.D
Acq: 23 Nov 2020 13:55

Tgt Ion:146 Resp: 3229
Ion Ratio Lower Upper
146 100
111 37.5 20.6 61.9
148 60.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

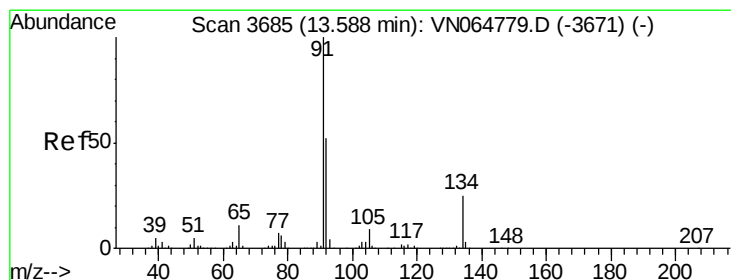
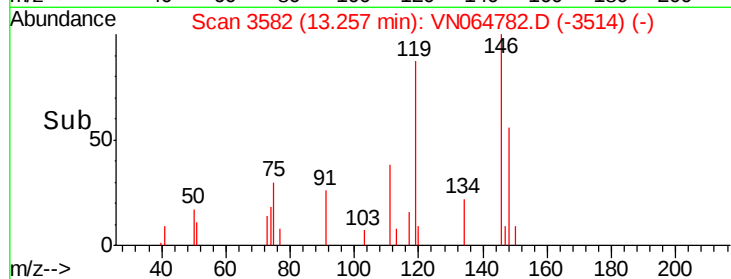
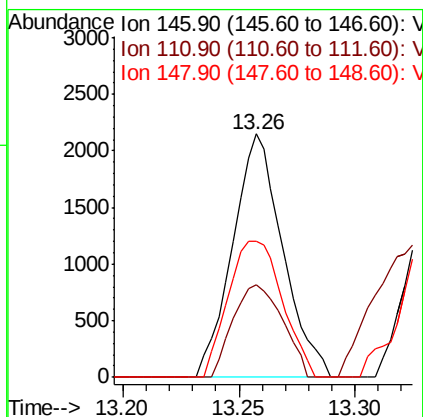
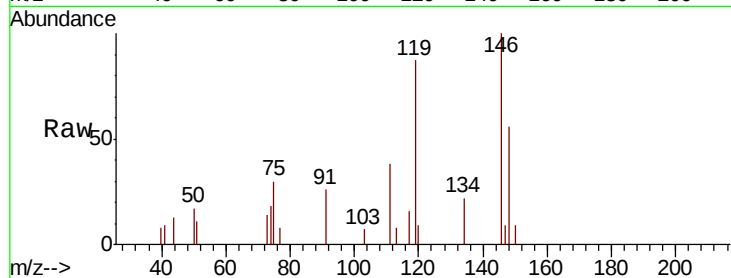




#88
 1,4-Dichlorobenzene
 Concen: 0.744 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.08 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

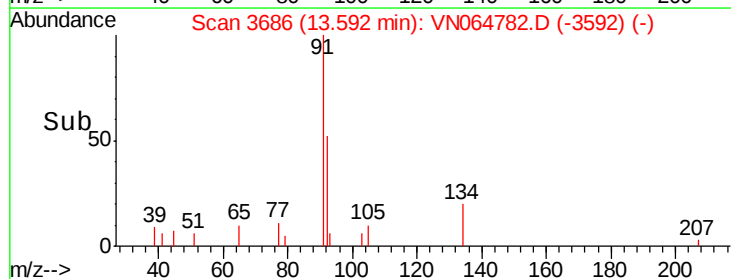
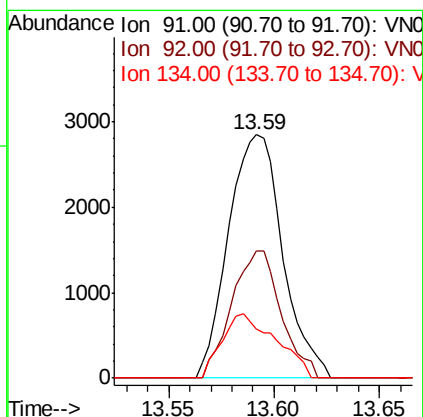
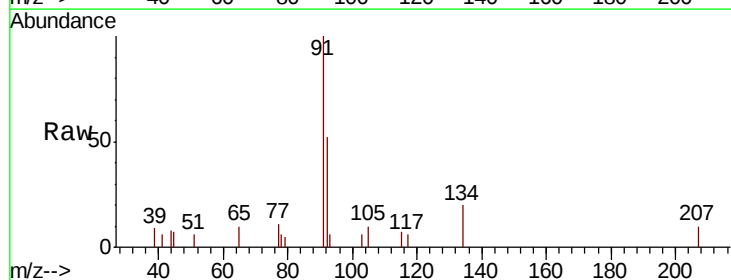
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

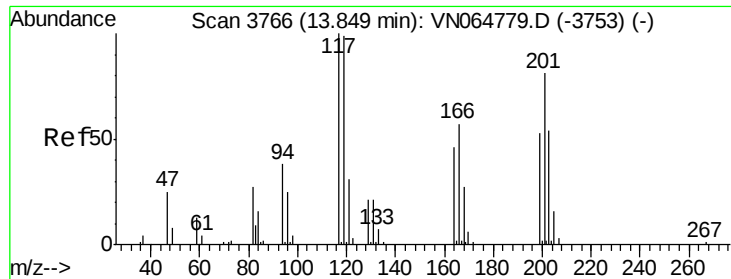
Tot Ion:146 Resp: 3229
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.8 59.3
 148 60.5 31.9 95.5



#89
 n-Butylbenzene
 Concen: 0.802 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Tgt Ion: 91 Resp: 5079
 Ion Ratio Lower Upper
 91 100
 92 47.5 26.0 78.0
 134 26.2 12.9 38.6





#90

Hexachloroethane

Concen: 0.375 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

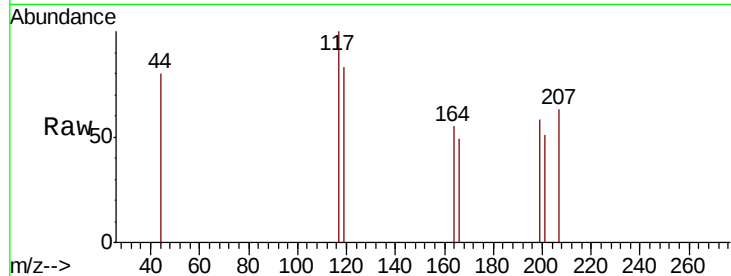
BFB

Tot Ion:117 Resp: 470

Ion Ratio Lower Upper

117 100

201 57.0 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.85

400

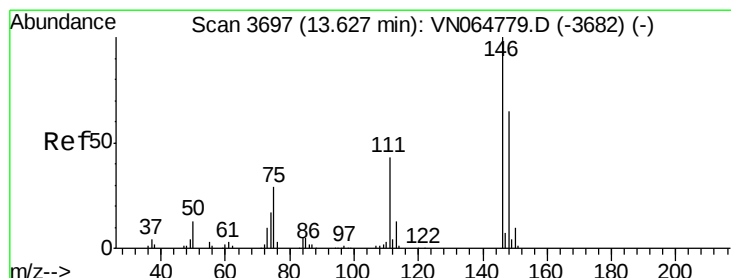
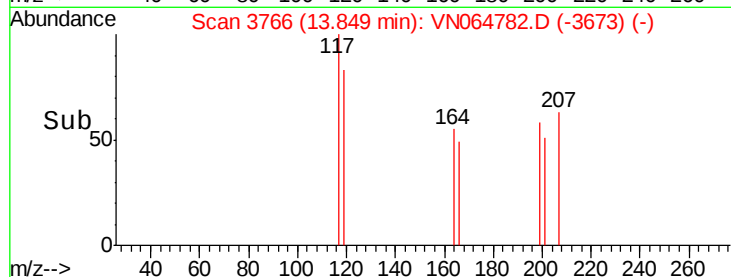
300

200

100

0

Time--> 13.82 13.84 13.86 13.88



#91

1,2-Dichlorobenzene

Concen: 0.675 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

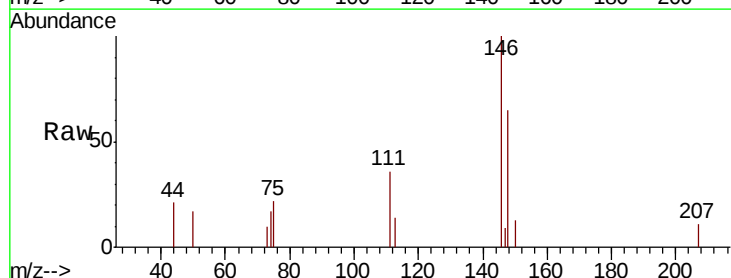
Tgt Ion:146 Resp: 2721

Ion Ratio Lower Upper

146 100

111 30.2 21.1 63.1

148 57.3 32.0 96.2



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

2000

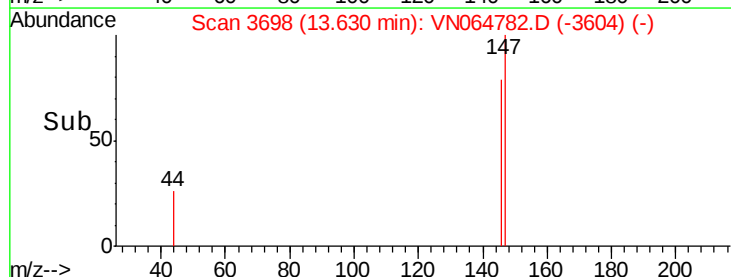
1500

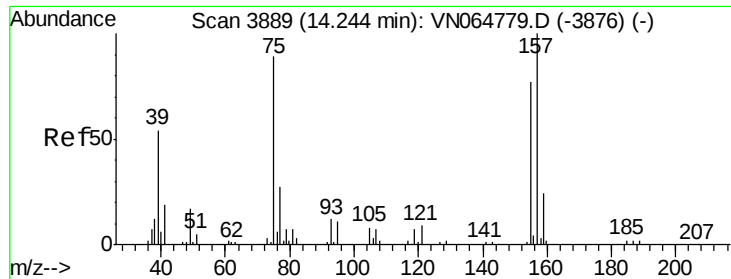
1000

500

0

Time--> 13.60 13.65

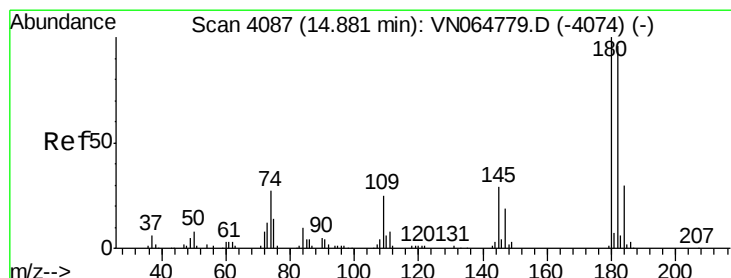
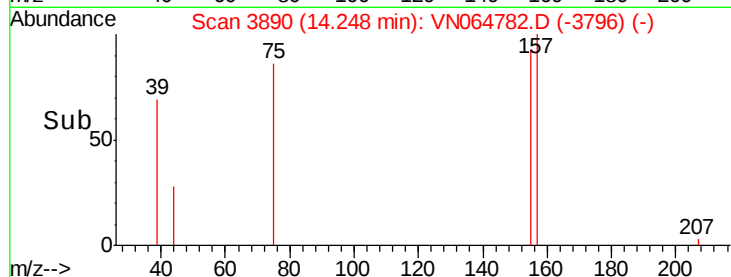
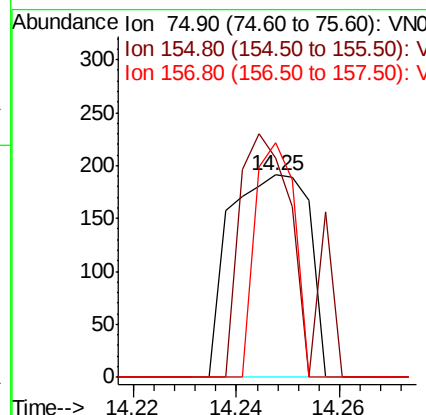
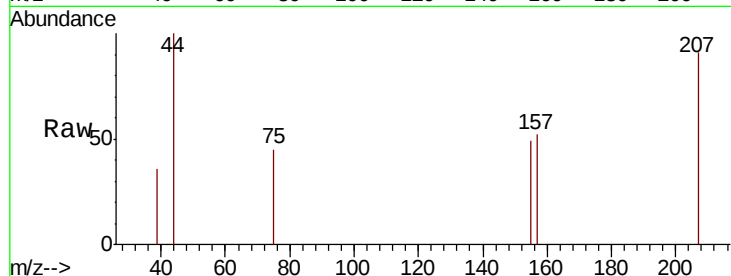




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.361 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

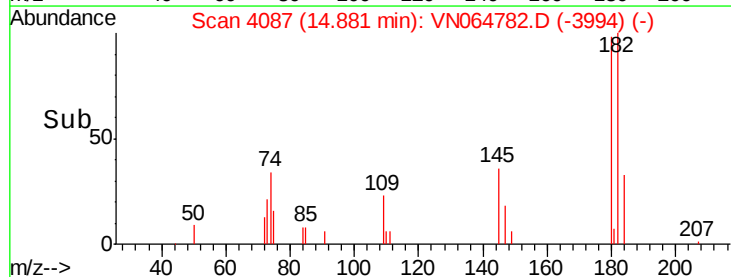
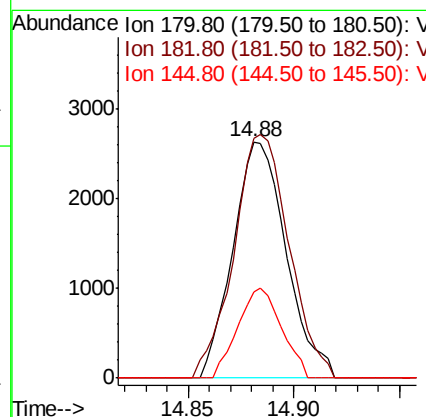
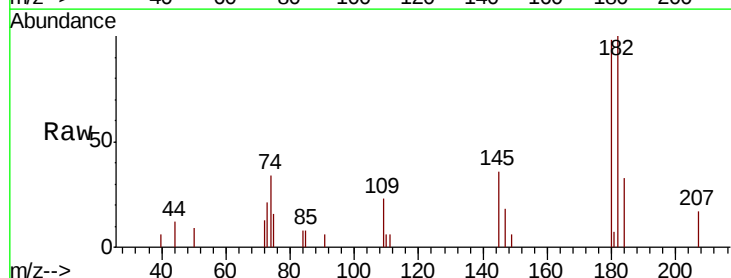
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

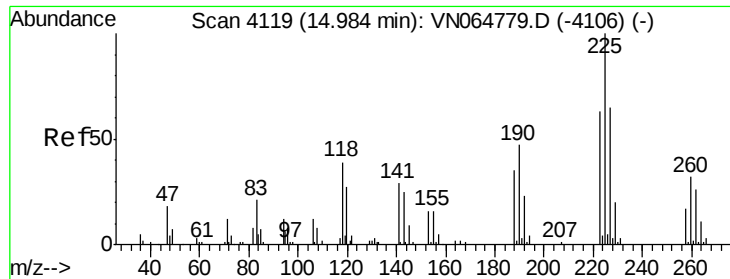
Tot Ion: 75 Resp: 204
 Ion Ratio Lower Upper
 75 100
 155 89.7 42.8 128.3
 157 57.4 56.4 169.1



#93
 1,2,4-Trichlorobenzene
 Concen: 1.851 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Tgt Ion: 180 Resp: 4613
 Ion Ratio Lower Upper
 180 100
 182 106.5 47.6 142.9
 145 31.3 15.3 45.8





#94

Hexachlorobutadiene

Concen: 2.320 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

BFB

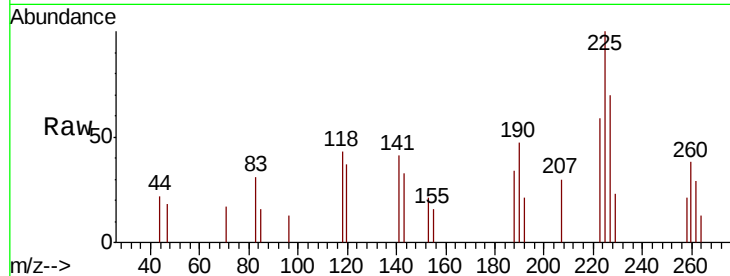
Tot Ion:225 Resp: 2202

Ion Ratio Lower Upper

225 100

223 70.3 31.0 93.0

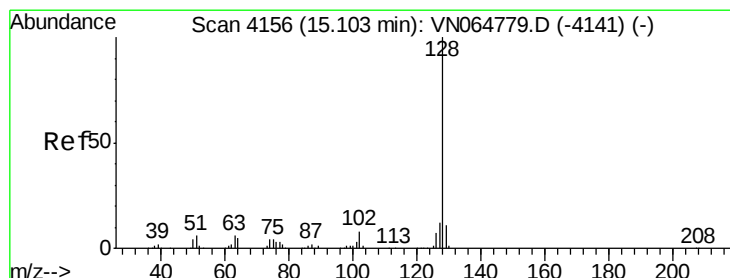
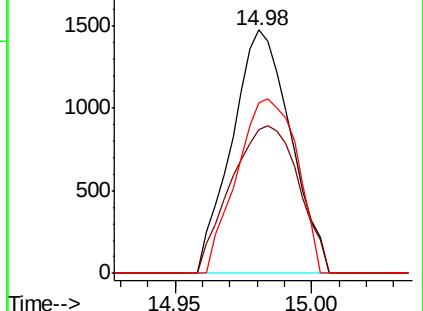
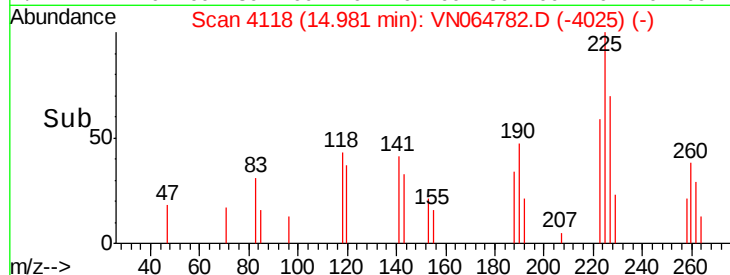
227 73.5 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.086 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN064782.D

Acq: 23 Nov 2020 13:55

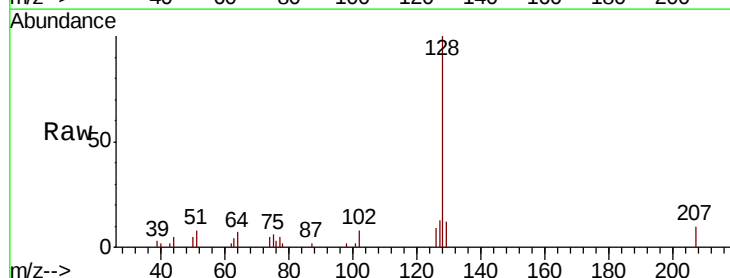
Tgt Ion:128 Resp: 15572

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

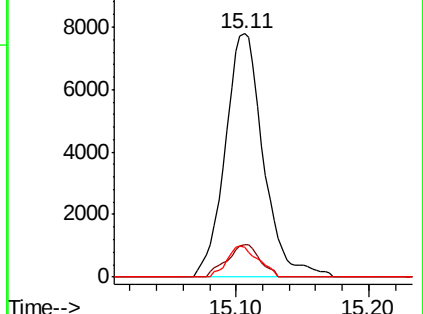
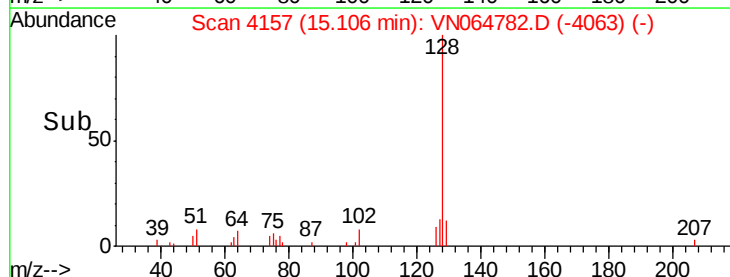
129 10.4 8.7 13.1

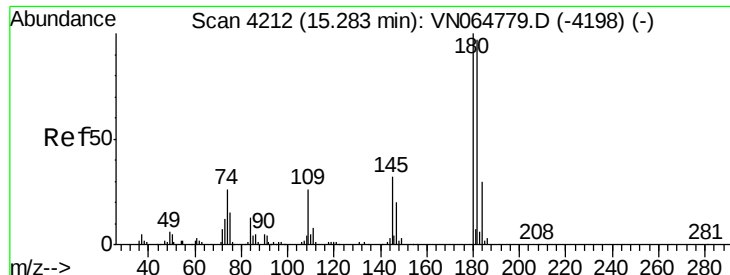


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.709 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN064782.D
 Acq: 23 Nov 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.4
145	32.3	16.4	49.1

