

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064553.D
 Acq On : 11 Nov 2020 14:25
 Operator : JC/MD
 Sample : L4684-08DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500DL

Quant Time: Nov 12 01:32:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	500393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	517170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	237221	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
35) Dibromofluoromethane	7.55	113	174878	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.06	98	642943	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.38	95	238241	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.75	59	2307	4.928	ug/l #	71
12) 1,1-Dichloroethene	3.69	96	19417	7.450	ug/l	99
13) Acrolein	3.65	56	66	0.227	ug/l #	15
15) Acrylonitrile	5.00	53	786	0.603	ug/l #	30
16) Acetone	3.75	43	3841	2.376	ug/l #	48
18) Methyl Acetate	4.30	43	850	0.267	ug/l #	55
20) Methylene Chloride	4.51	84	3296	1.027	ug/l #	82
22) Diisopropyl ether	5.91	45	3003	0.277	ug/l #	71
24) 1,1-Dichloroethane	5.80	63	60489	10.171	ug/l	97
25) 2-Butanone	6.81	43	968	0.470	ug/l #	52
31) Cyclohexane	7.63	56	7539	1.461	ug/l #	39
32) 1,1,1-Trichloroethane	7.53	97	7332	1.322	ug/l	96
36) 1,1-Dichloropropene	7.63	75	24234	4.584	ug/l #	49
37) Ethyl Acetate	6.87	43	101	0.781	ug/l #	71
38) Carbon Tetrachloride	7.63	117	28147	4.982	ug/l #	17
40) Benzene	8.01	78	587662	37.831	ug/l	98
42) 1,2-Dichloroethane	8.09	62	49184	7.846	ug/l	90
44) Trichloroethene	8.80	130	843	0.215	ug/l	23
49) 1,4-Dioxane	9.16	88	970	17.036	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	767	0.208	ug/l #	50
58) 2-Chloroethyl Vinyl ether	9.59	63	34	21.549	ug/l #	51
59) 2-Hexanone	10.74	43	341	4.110	ug/l #	28
64) Tetrachloroethene	10.60	164	980	0.246	ug/l #	86
69) o-Xylene	11.92	106	14027	1.985	ug/l	99
73) Isopropylbenzene	12.23	105	11584	0.792	ug/l	100
74) N-amyl acetate	12.04	43	103	1.229	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	133259	29.883	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.87	105	16207	1.343	ug/l	79
81) trans-1,4-Dichloro-2-buten	12.38	75	133259	83.436	ug/l #	8
84) 1,2,4-Trimethylbenzene	12.87	105	16207	1.336	ug/l	83
85) sec-Butylbenzene	13.35	105	33171	2.779	ug/l #	58
90) Hexachloroethane	13.97	117	3462	1.671	ug/l #	18

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QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

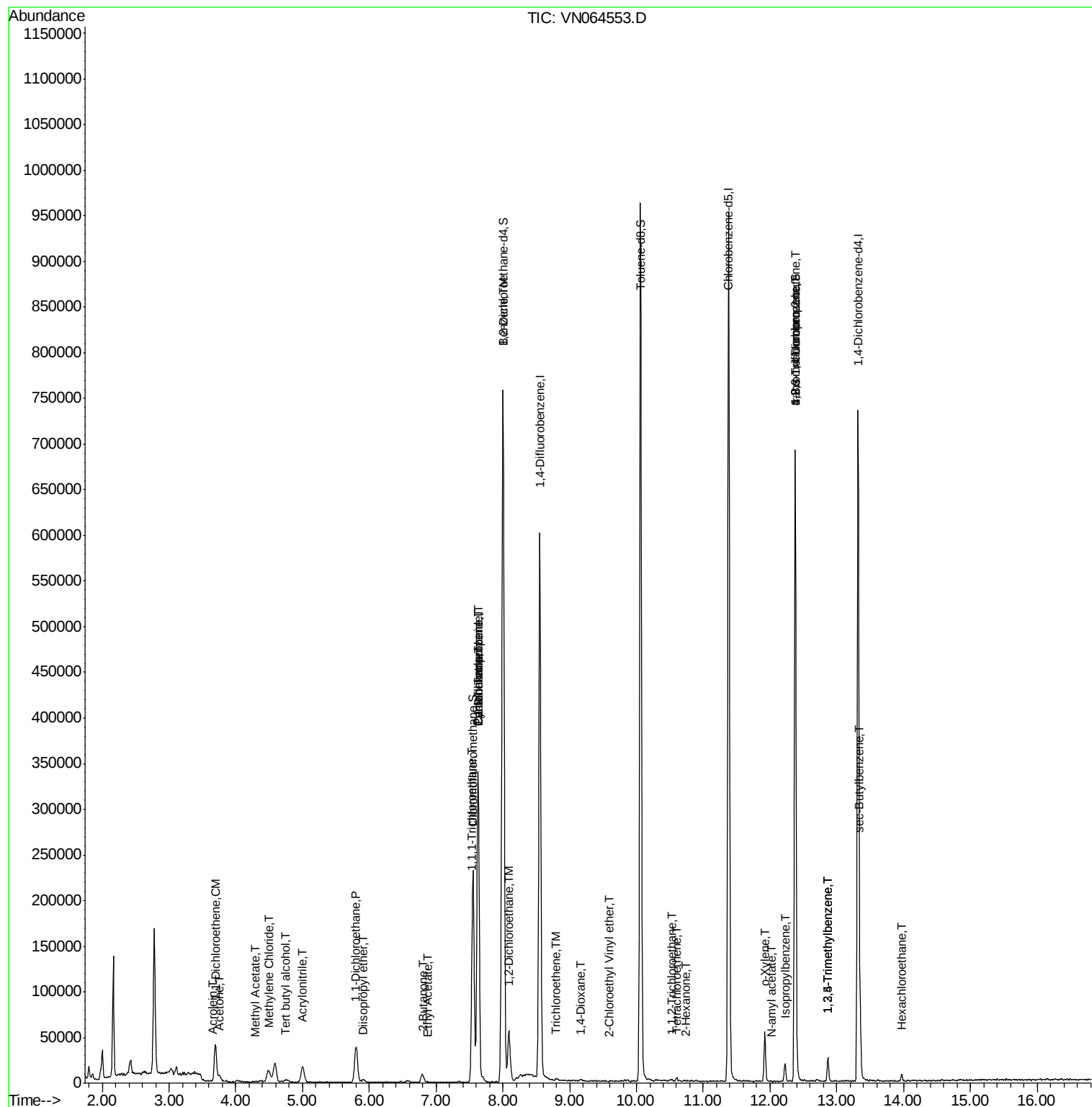
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

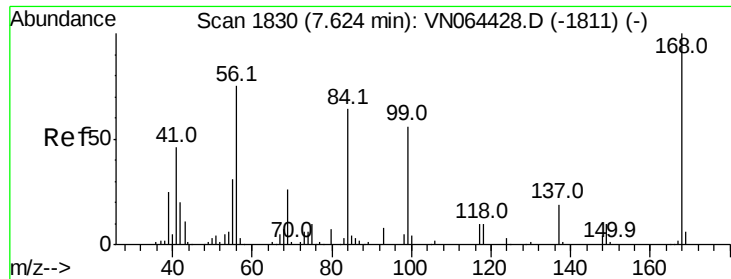
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

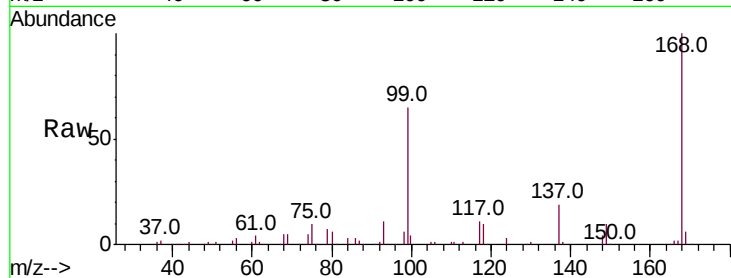
BP-VPB178-GW-498-500DL

Tot Ion:168 Resp: 243694

Ion Ratio Lower Upper

168 100

99 65.0 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

7.63

120000

100000

80000

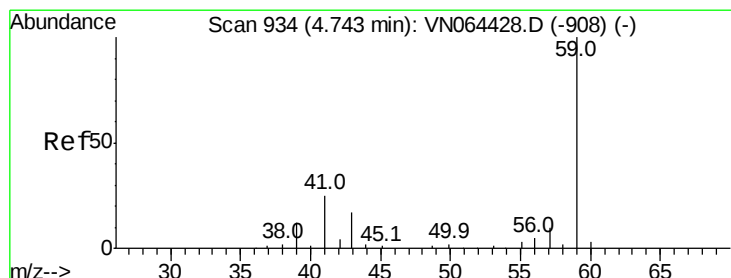
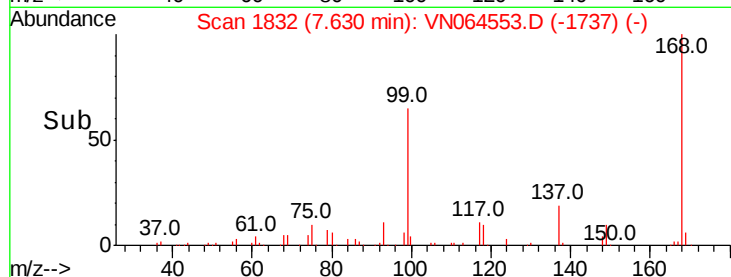
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 4.928 ug/l

RT: 4.75 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN064553.D

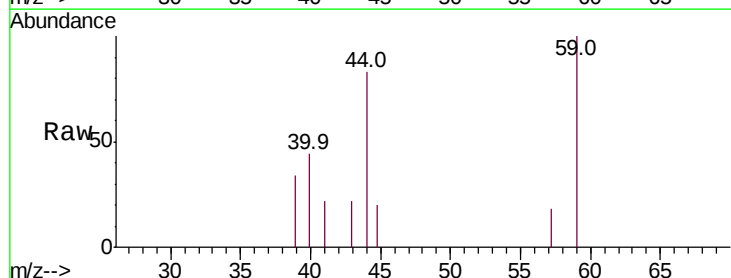
Acq: 11 Nov 2020 14:25

Tgt Ion: 59 Resp: 2307

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN064428.D (-908) (-)

Ion 57.00 (56.70 to 57.70): VN064428.D (-908) (-)

4.75

1200

1000

800

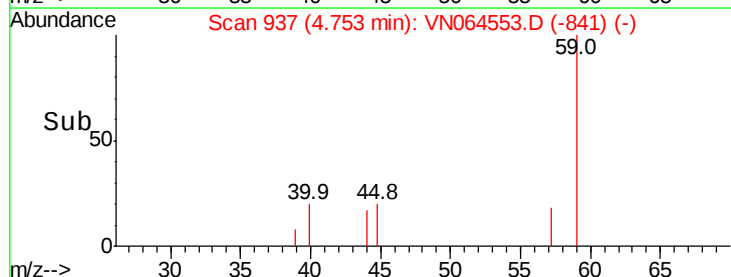
600

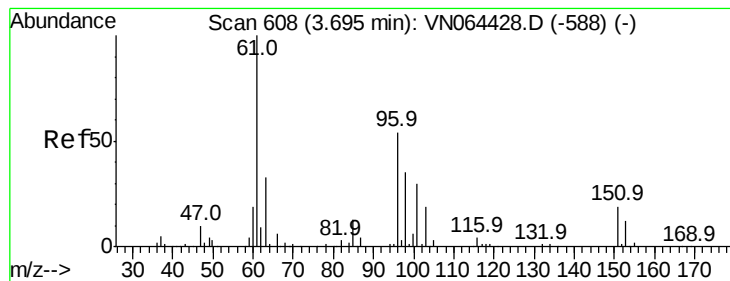
400

200

0

Time--> 4.70 4.75





#12

1,1-Dichloroethene

Concen: 7.450 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500DL

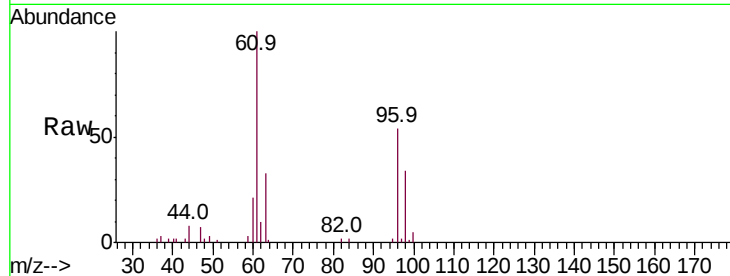
Tot Ion: 96 Resp: 19417

Ion Ratio Lower Upper

96 100

61 185.9 149.5 224.3

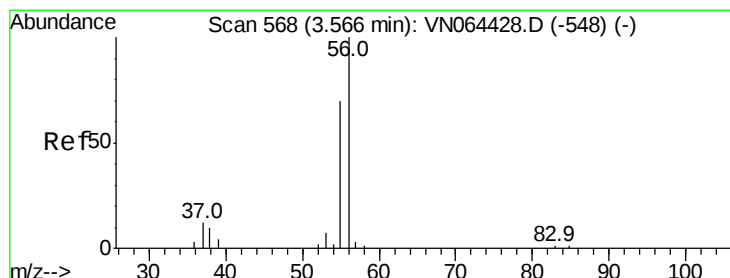
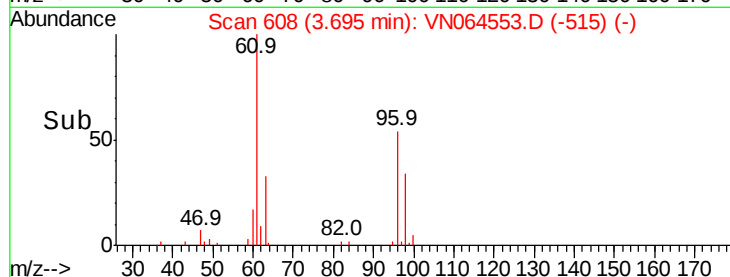
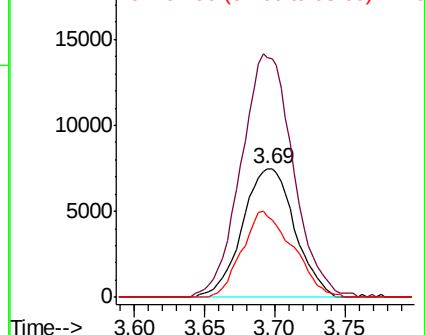
98 62.9 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#13

Acrolein

Concen: 0.227 ug/l

RT: 3.65 min Scan# 593

Delta R.T. 0.08 min

Lab File: VN064553.D

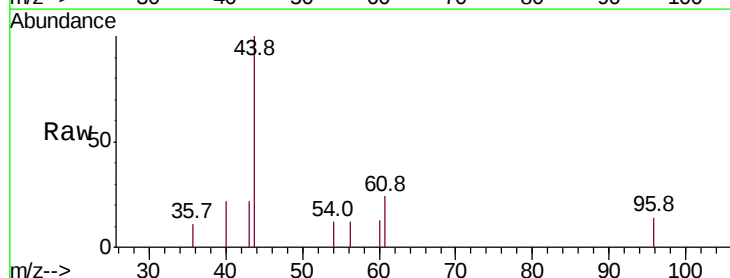
Acq: 11 Nov 2020 14:25

Tgt Ion: 56 Resp: 66

Ion Ratio Lower Upper

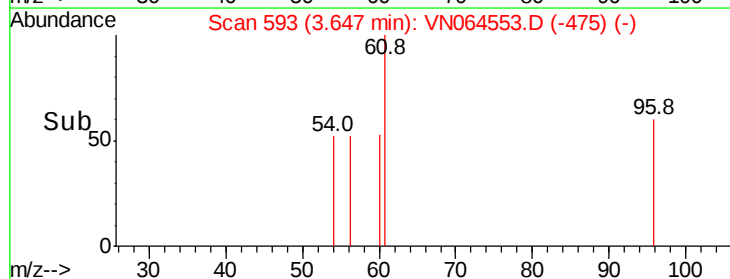
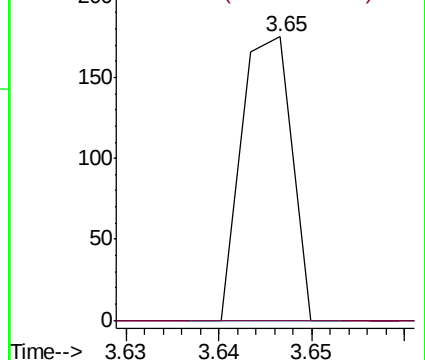
56 100

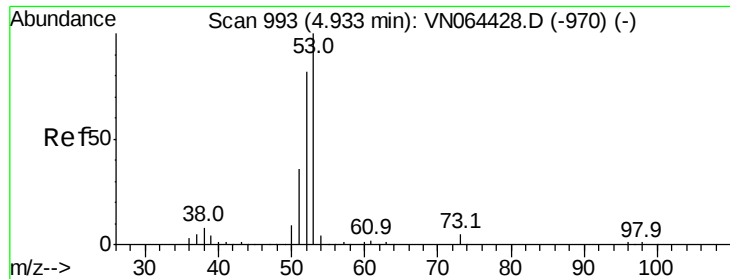
55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#15

Acrylonitrile

Concen: 0.603 ug/l

RT: 5.00 min Scan# 1014

Delta R.T. 0.07 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Instrument :

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ClientSampleId :

BP-VPB178-GW-498-500DL

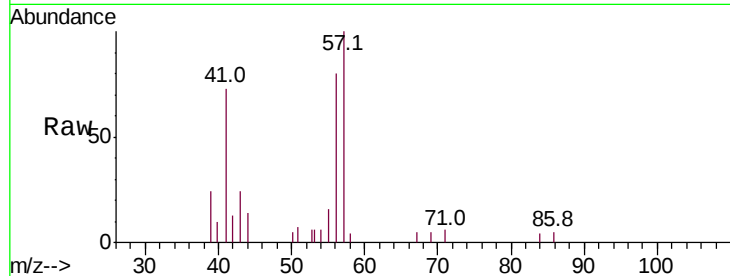
Tot Ion: 53 Resp: 786

Ion Ratio Lower Upper

53 100

52 0.0 65.6 98.4#

51 24.7 29.9 44.9#

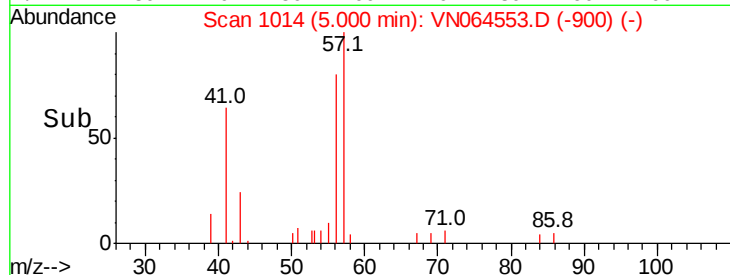


Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)

Time-->

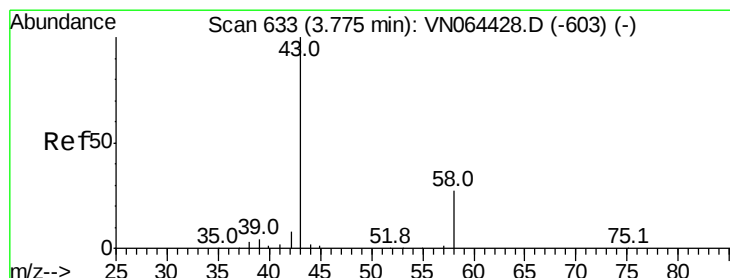


Abundance Ion 53.00 (52.70 to 53.70): VN064553.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064553.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064553.D (-900) (-)

Time-->



#16

Acetone

Concen: 2.376 ug/l

RT: 3.75 min Scan# 625

Delta R.T. -0.03 min

Lab File: VN064553.D

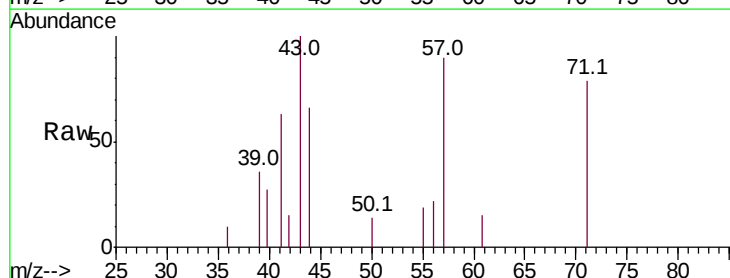
Acq: 11 Nov 2020 14:25

Tgt Ion: 43 Resp: 3841

Ion Ratio Lower Upper

43 100

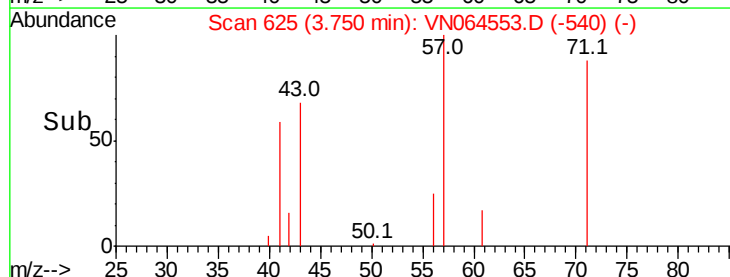
58 0.0 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

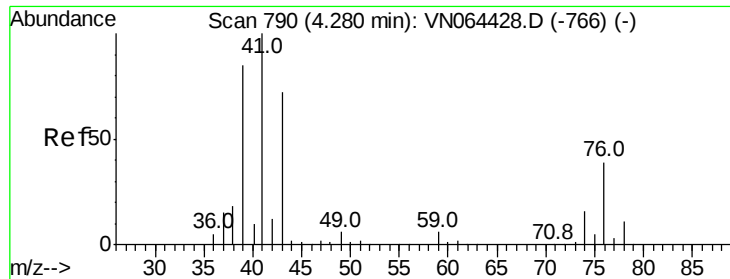
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN064553.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064553.D (-540) (-)

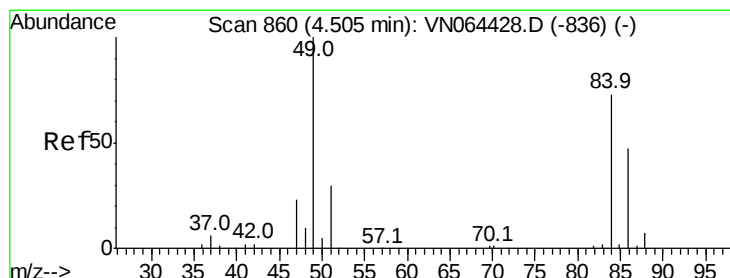
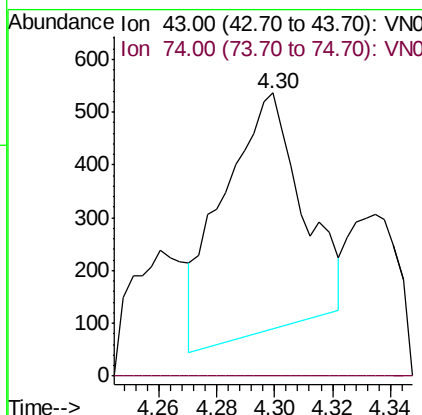
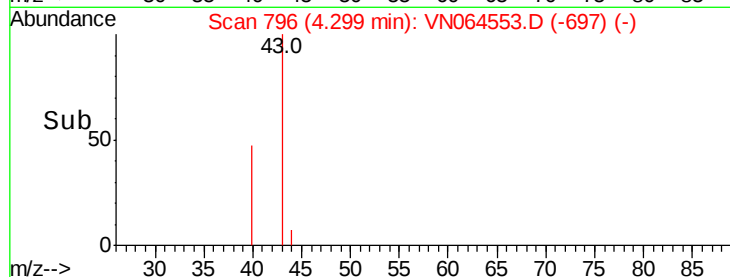
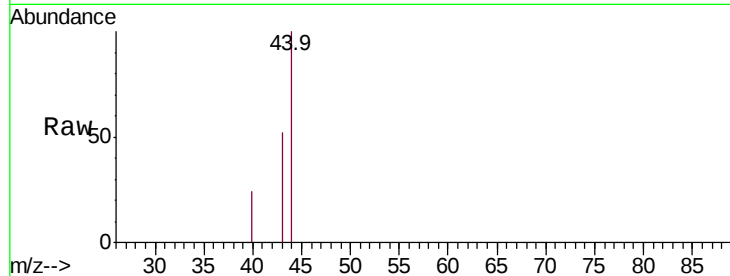
Time-->



#18
Methyl Acetate
Concen: 0.267 ug/l
RT: 4.30 min Scan# 796
Delta R.T. 0.02 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

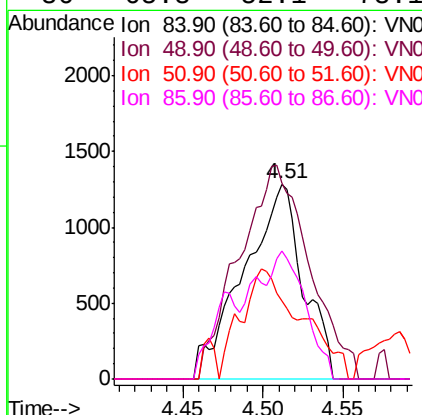
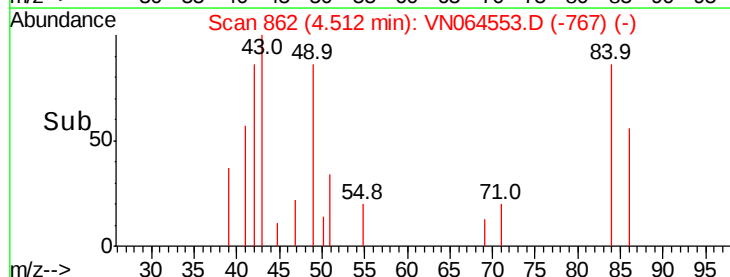
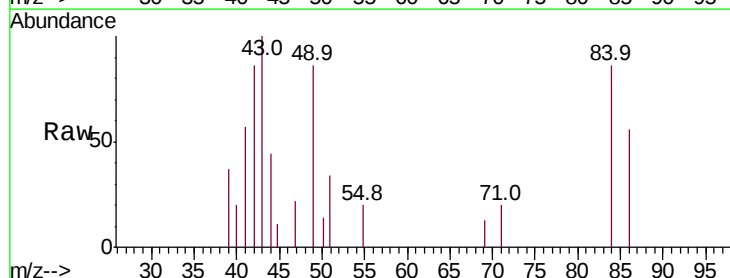
Instrument :
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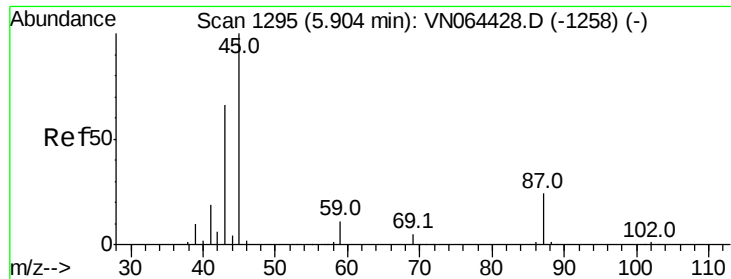
Tot Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#20
Methylene Chloride
Concen: 1.027 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

Tgt Ion: 84 Resp: 3296
Ion Ratio Lower Upper
84 100
49 100.4 110.1 165.1#
51 39.8 33.6 50.4
86 65.8 52.1 78.1





#22

Diisopropyl ether

Concen: 0.277 ug/l

RT: 5.91 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500DL

Tot Ion: 45 Resp: 3003

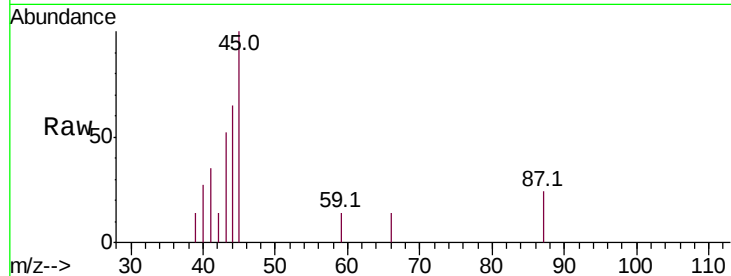
Ion Ratio Lower Upper

45 100

43 32.0 53.2 79.8#

87 24.2 19.9 29.9

59 13.6 8.6 13.0#

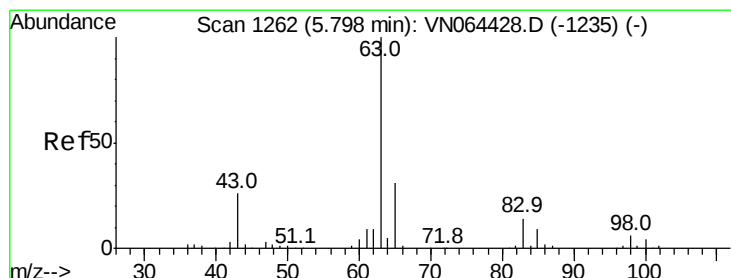
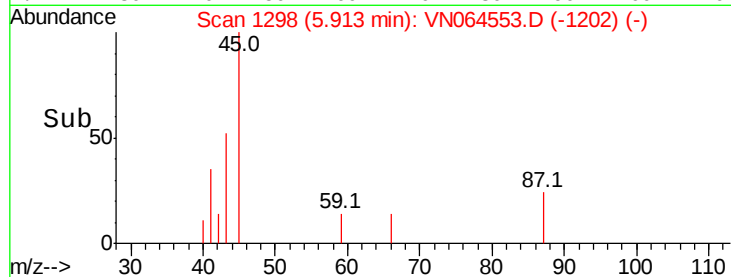
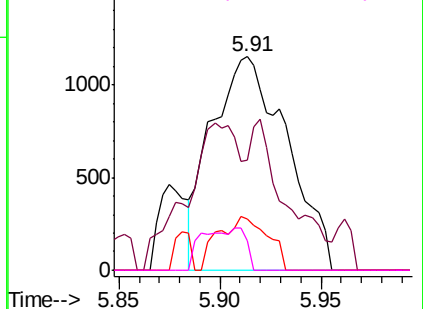


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#24

1,1-Dichloroethane

Concen: 10.171 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

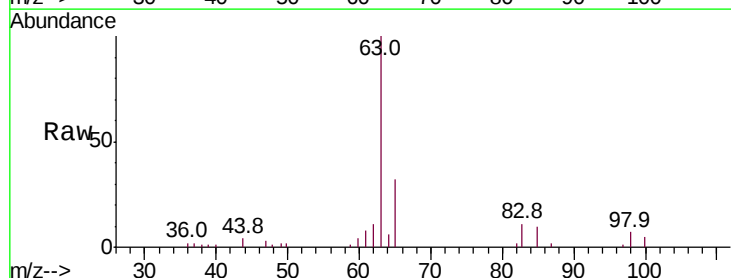
Tgt Ion: 63 Resp: 60489

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

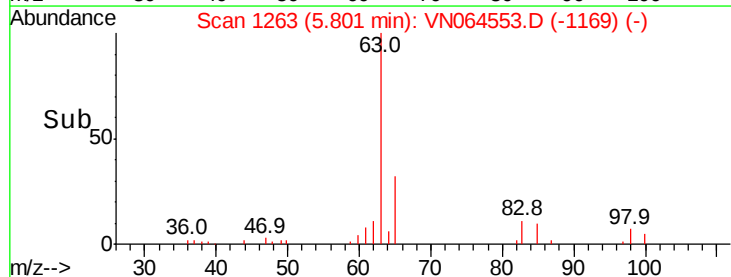
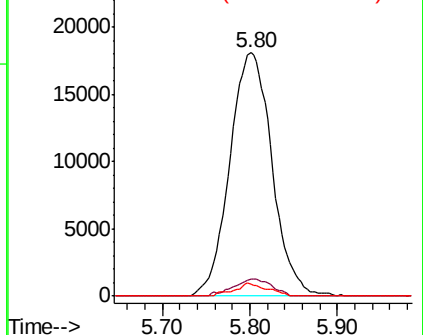
100 5.1 1.8 5.3

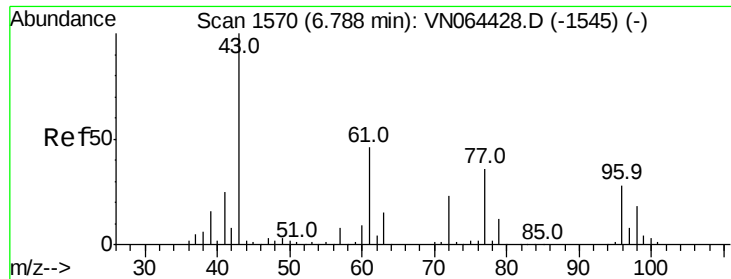


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 0.470 ug/l

RT: 6.81 min Scan# 1578

Delta R.T. 0.03 min

Lab File: VN064553.D

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ClientSampleId :

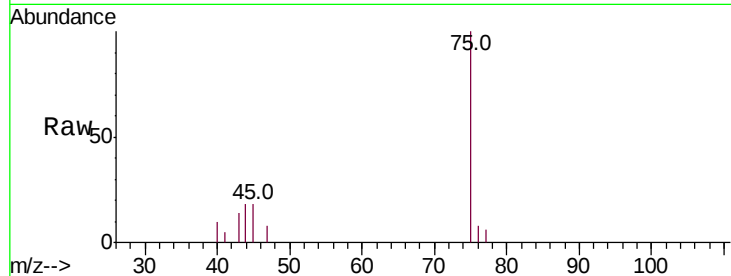
BP-VPB178-GW-498-500DL

Tot Ion: 43 Resp: 968

Ion Ratio Lower Upper

43 100

72 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.81

400

300

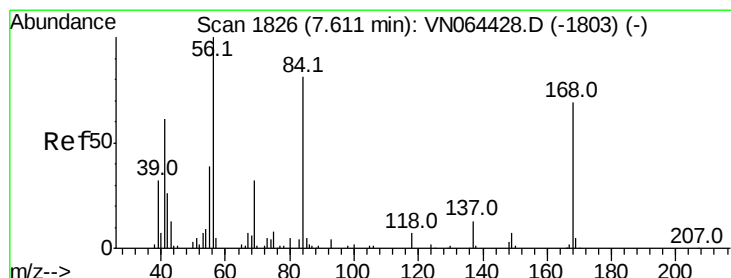
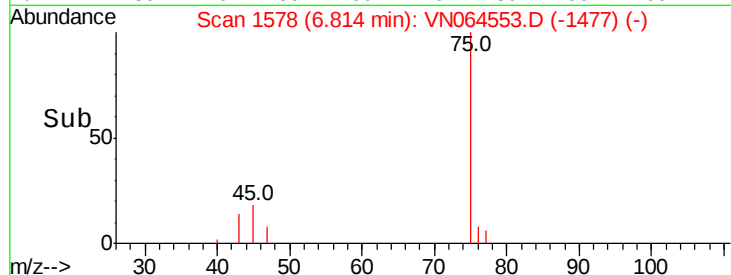
200

100

0

6.80 6.85

Time-->



#31

Cyclohexane

Concen: 1.461 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.02 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

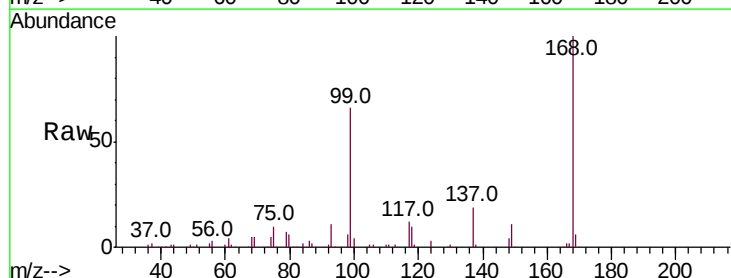
Tgt Ion: 56 Resp: 7539

Ion Ratio Lower Upper

56 100

69 146.9 25.6 38.4#

84 80.5 63.0 94.6



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

6000

5000

4000

3000

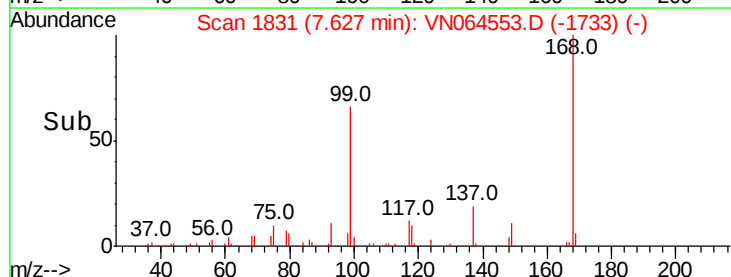
2000

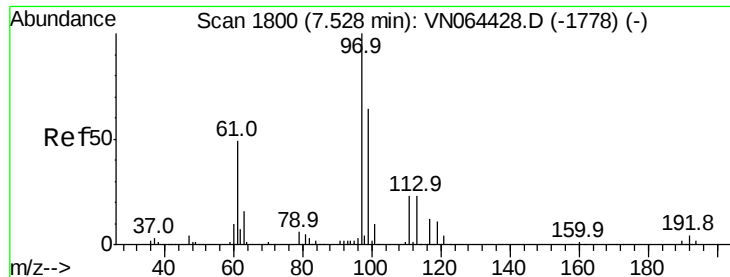
1000

0

7.55 7.60 7.65 7.70

Time-->





#32

1,1,1-Trichloroethane

Concen: 1.322 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500DL

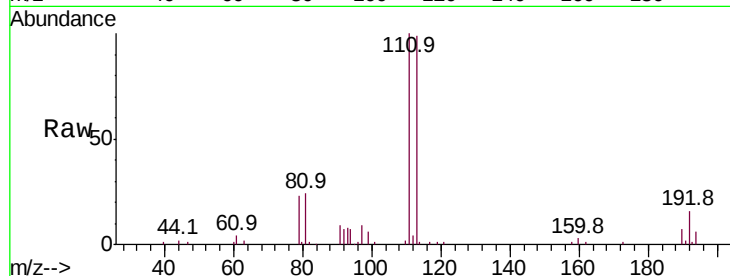
Tot Ion: 97 Resp: 7332

Ion Ratio Lower Upper

97 100

99 68.5 51.3 76.9

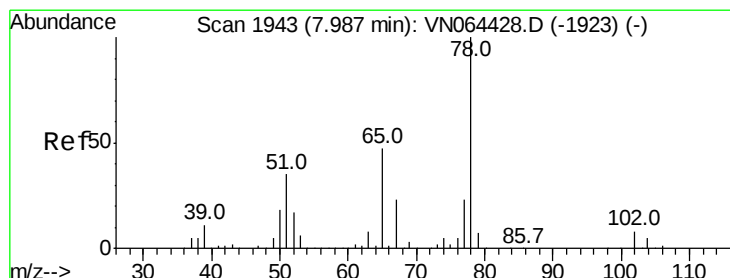
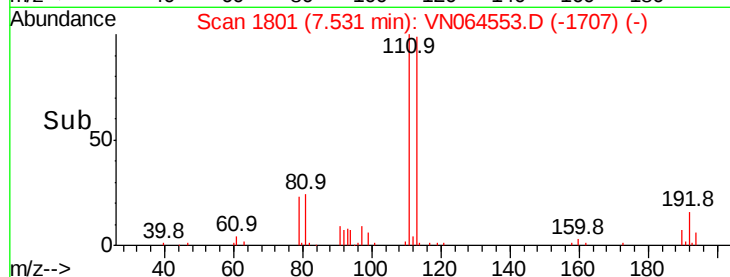
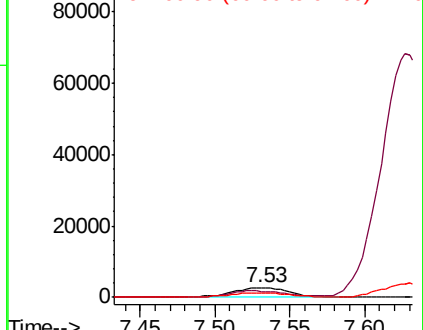
61 48.3 39.1 58.7



Abundance Ion 96.90 (96.60 to 97.60): VN064428.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1778) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.885 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064553.D

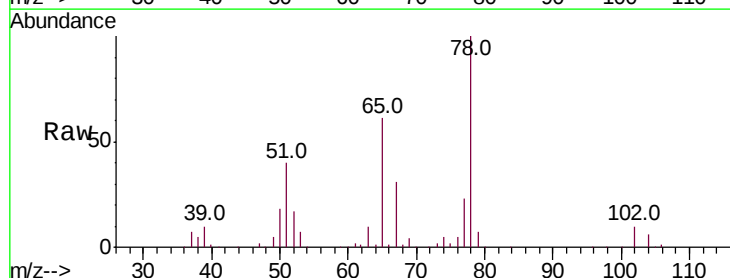
Acq: 11 Nov 2020 14:25

Tgt Ion: 65 Resp: 237221

Ion Ratio Lower Upper

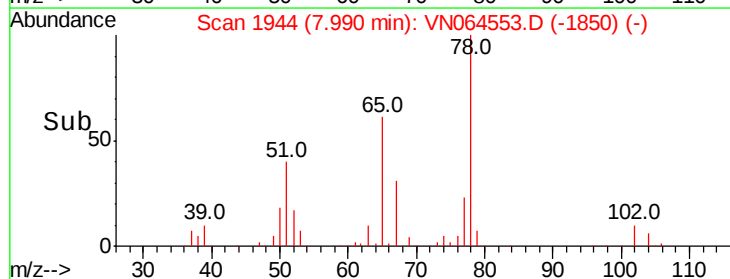
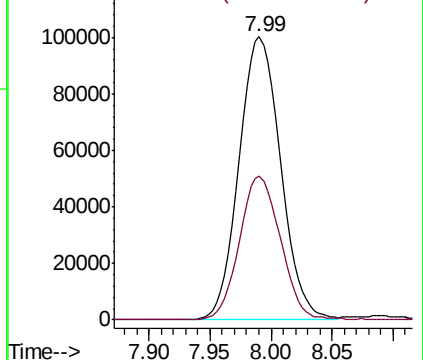
65 100

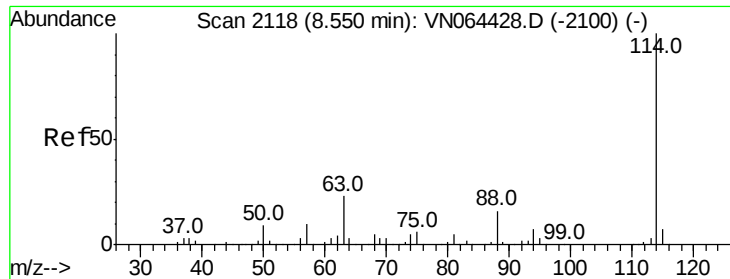
67 50.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

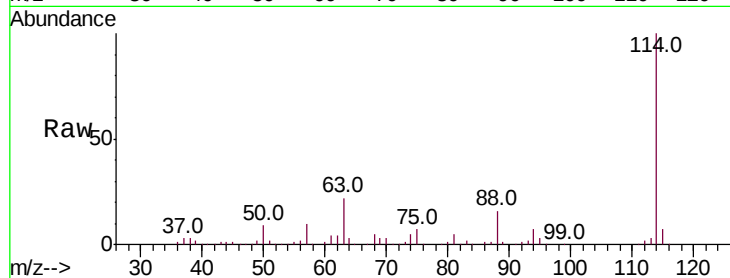




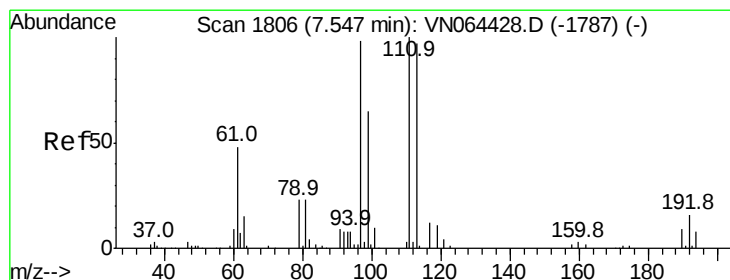
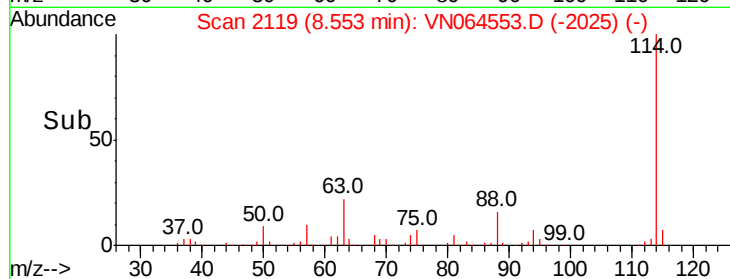
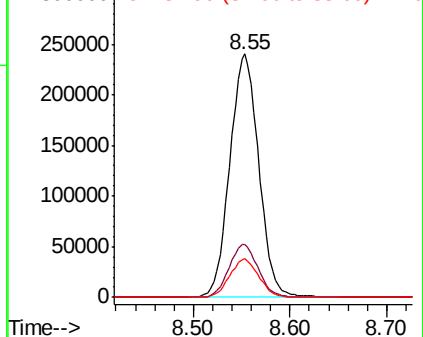
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.6
88	15.9	0.0	32.8

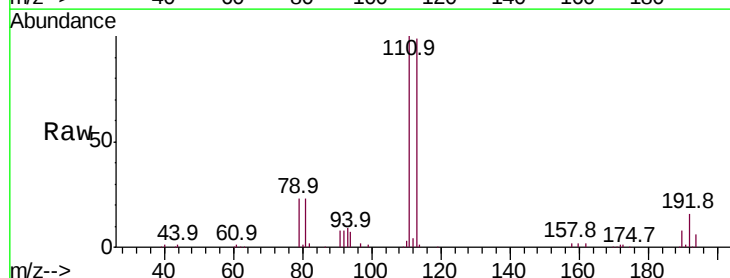


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

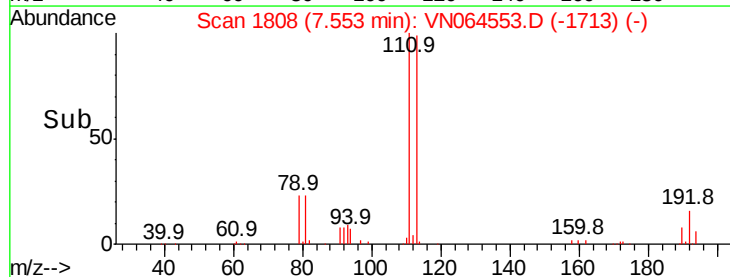
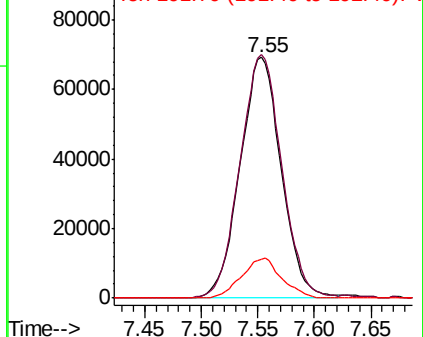


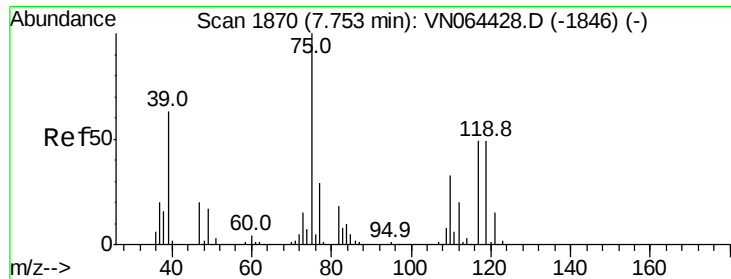
#35
 Dibromofluoromethane
 Concen: 51.329 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	16.2	12.8	19.2



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

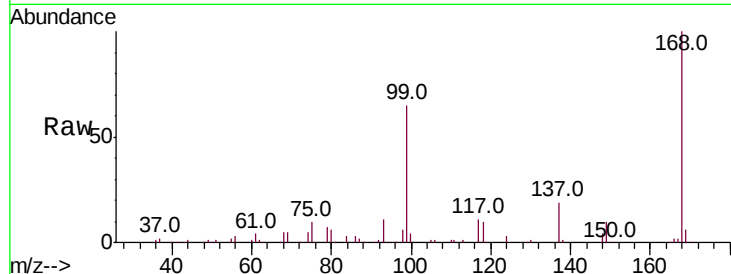




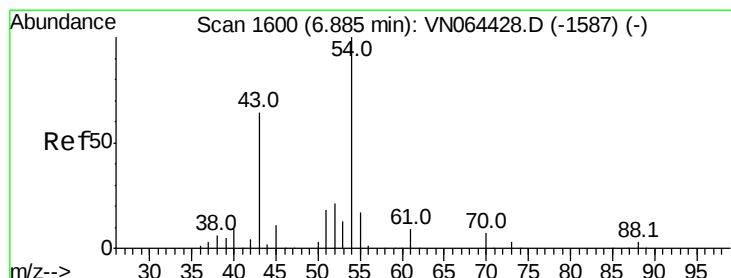
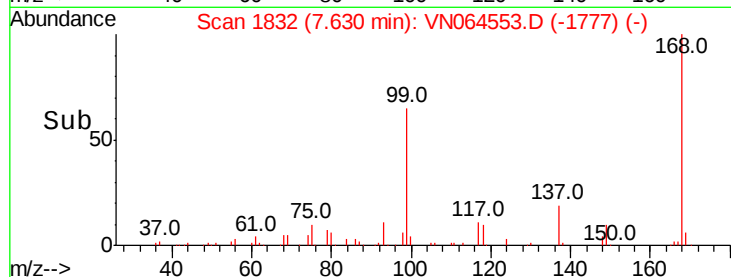
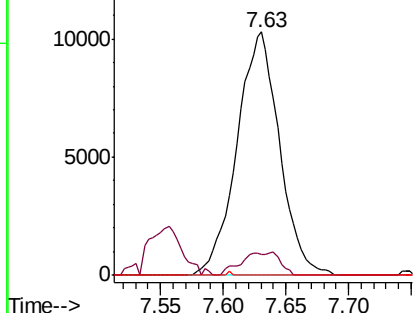
#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500DL

Tot Ion	Ratio	Lower	Upper
75	100		
110	5.7	16.0	48.0#
77	0.0	24.0	36.0#

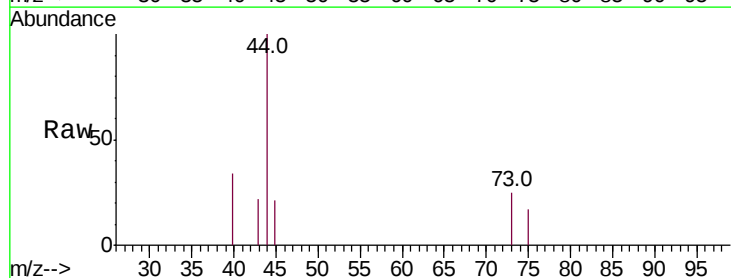


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

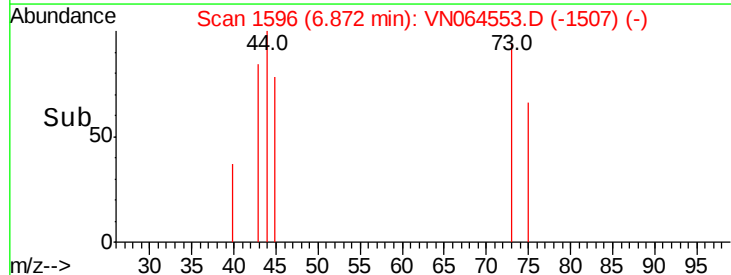
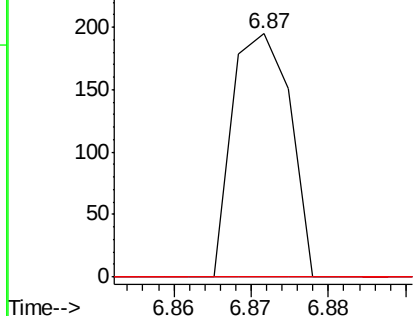


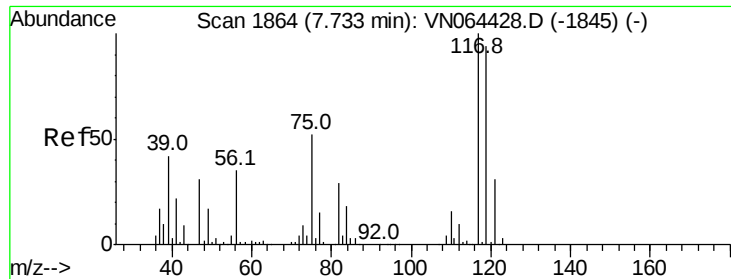
#37
 Ethyl Acetate
 Concen: 0.781 ug/l
 RT: 6.87 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.0	15.0#
70	0.0	7.1	10.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

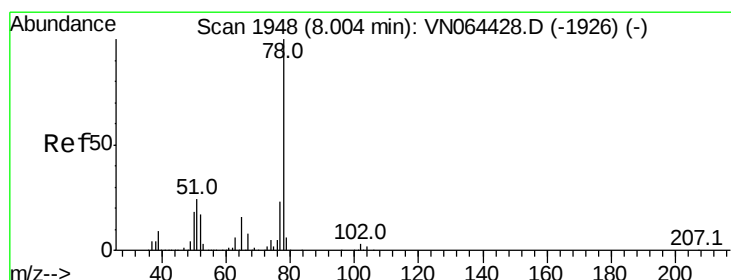
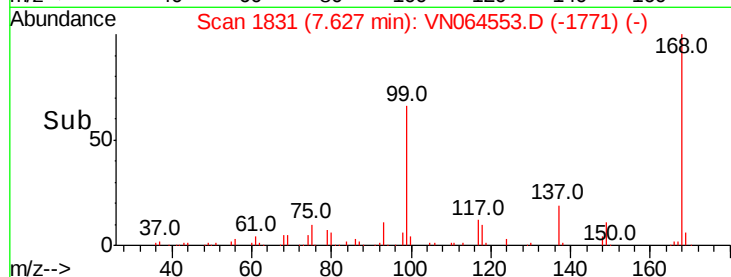
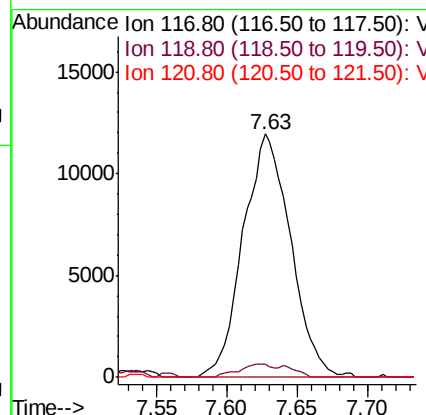
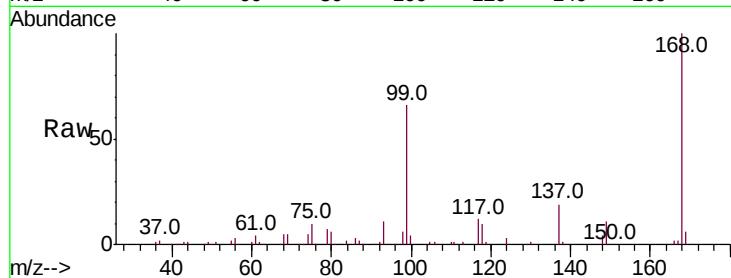




#38
Carbon Tetrachloride
Concen: 4.982 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

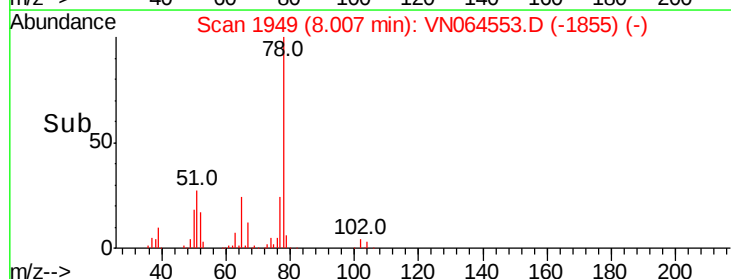
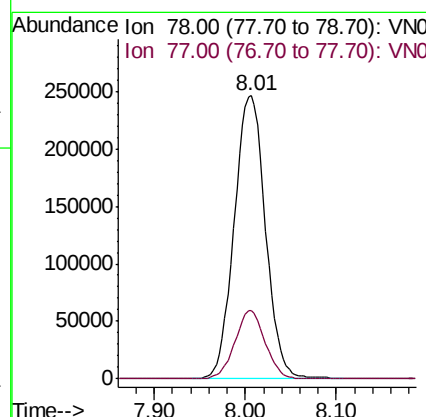
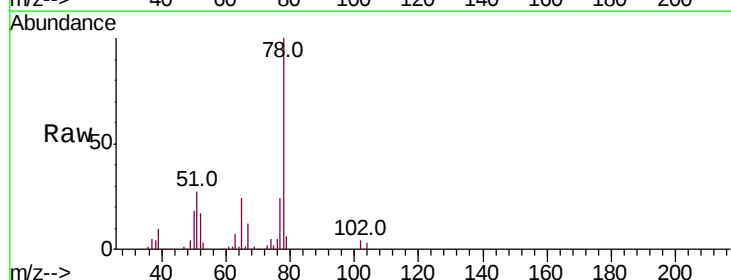
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500DL

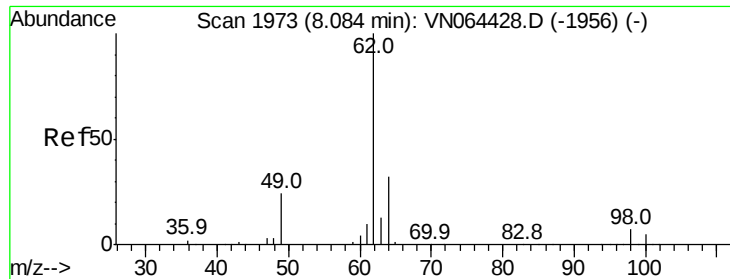
Tot Ion:117 Resp: 28147
Ion Ratio Lower Upper
117 100
119 5.3 75.5 113.3#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 37.831 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

Tgt Ion: 78 Resp: 587662
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1





#42

1,2-Dichloroethane

Concen: 7.846 ug/l

RT: 8.09 min Scan# 1975

Delta R.T. 0.01 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

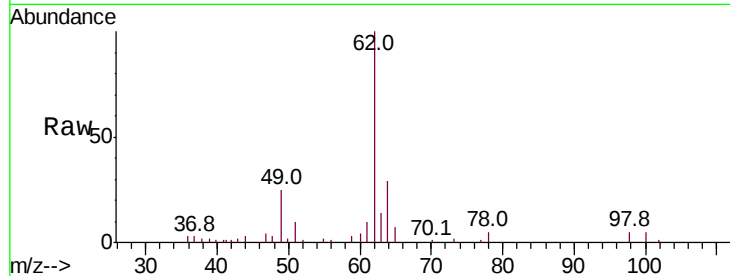
BP-VPB178-GW-498-500DL

Tot Ion: 62 Resp: 49184

Ion Ratio Lower Upper

62 100

98 3.5 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VN064428.D (-1956) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1956) (-)

8.09

25000

20000

15000

10000

5000

0

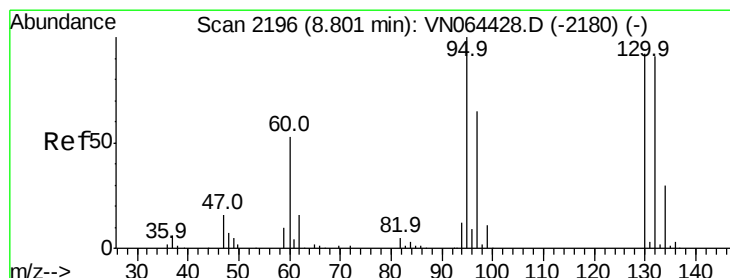
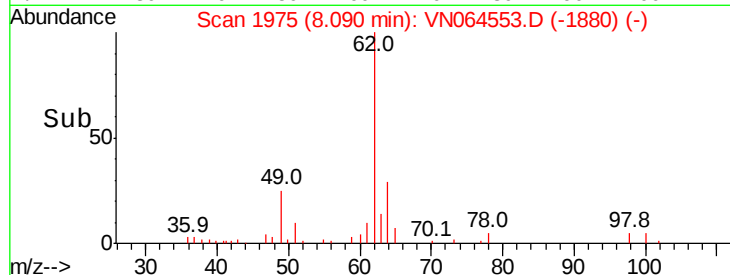
Time-->

8.00

8.05

8.10

8.15



#44

Trichloroethene

Concen: 0.215 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064553.D

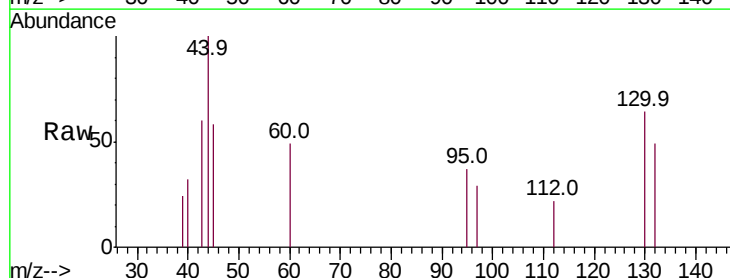
Acq: 11 Nov 2020 14:25

Tgt Ion:130 Resp: 843

Ion Ratio Lower Upper

130 100

95 28.2 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

8.80

600

500

400

300

200

100

0

Time-->

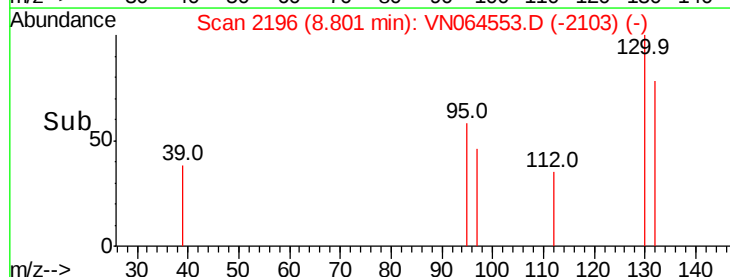
8.76

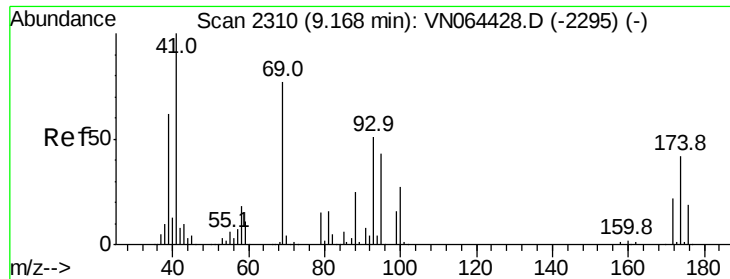
8.78

8.80

8.82

8.84





#49

1,4-Dioxane

Concen: 17.036 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500DL

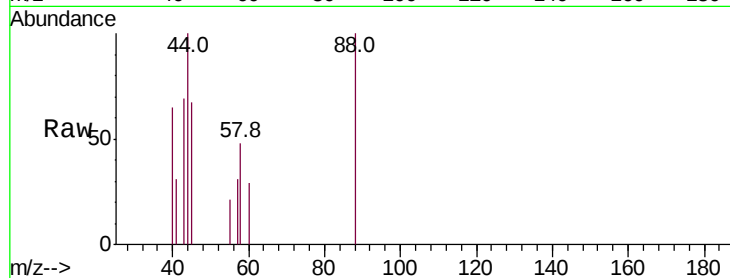
Tot Ion: 88 Resp: 970

Ion Ratio Lower Upper

88 100

43 14.6 31.0 46.6#

58 29.9 58.4 87.6#

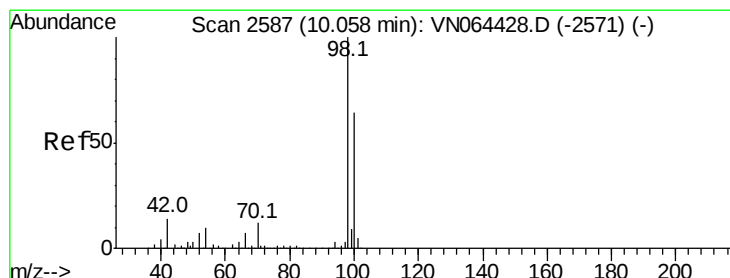
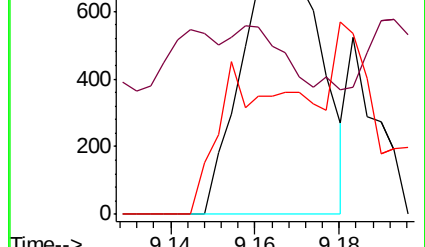
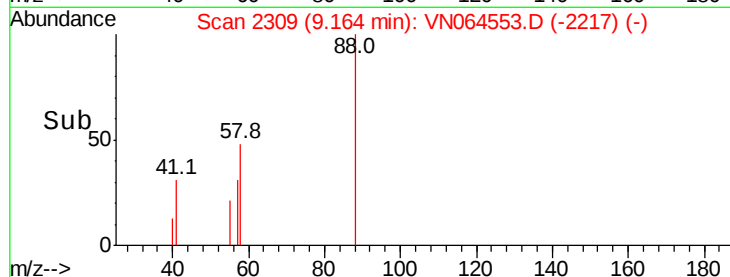


Abundance Ion 88.00 (87.70 to 88.70): VN064428.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2295) (-)

Time-->



#50

Toluene-d8

Concen: 48.826 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064553.D

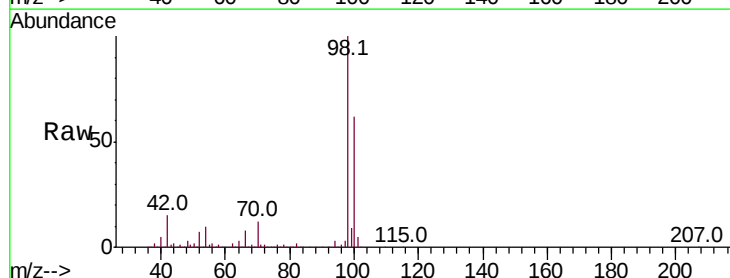
Acq: 11 Nov 2020 14:25

Tgt Ion: 98 Resp: 642943

Ion Ratio Lower Upper

98 100

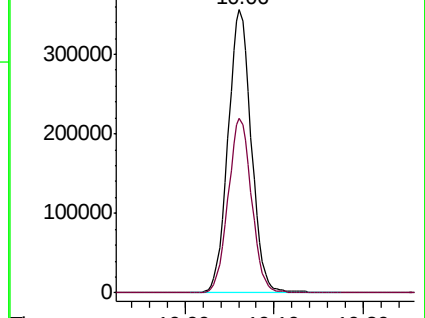
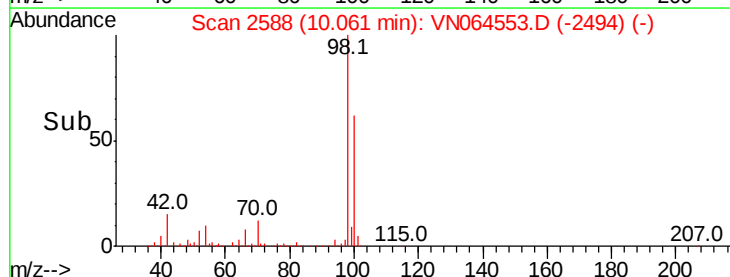
100 62.2 50.7 76.1

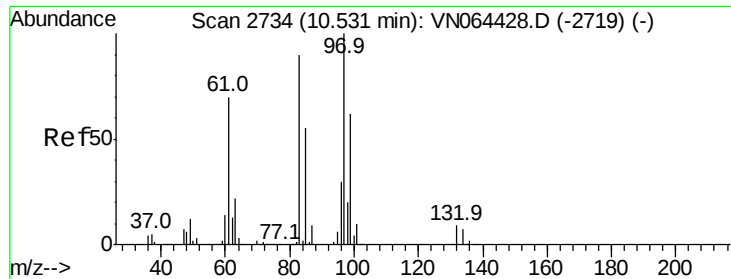


Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

Time-->

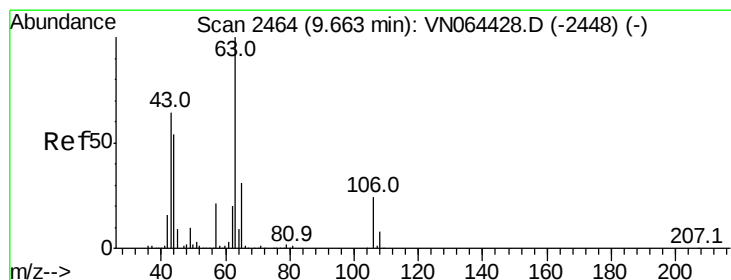
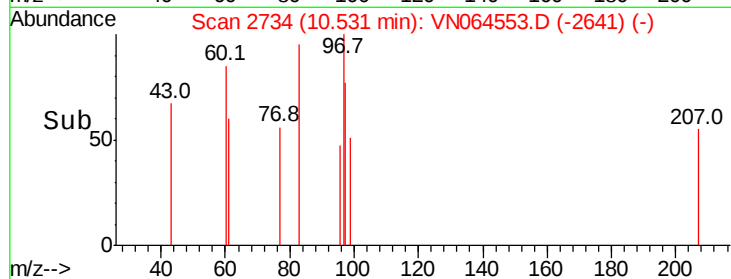
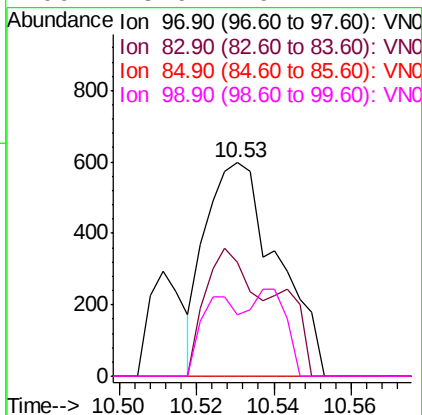
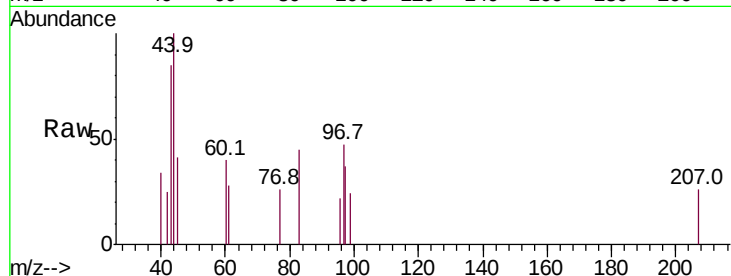




#55
 1,1,2-Trichloroethane
 Concen: 0.208 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

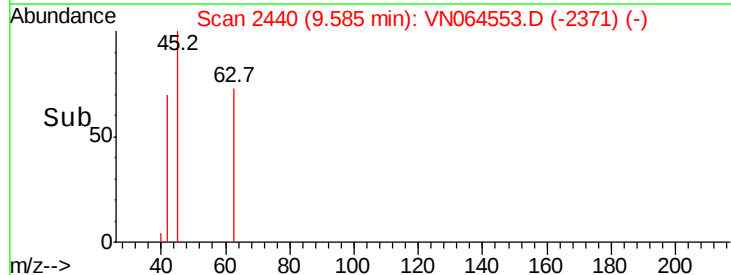
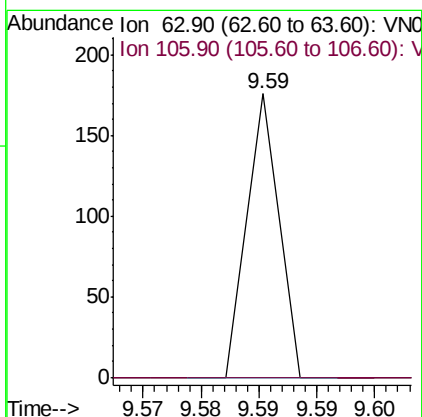
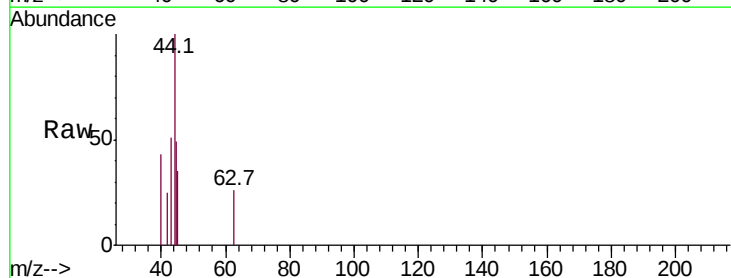
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500DL

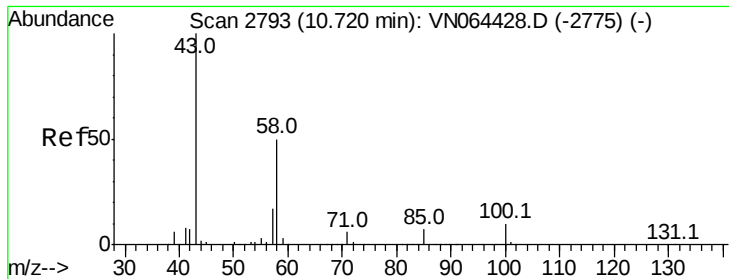
Tot Ion: 97 Resp: 767
 Ion Ratio Lower Upper
 97 100
 83 53.3 71.7 107.5#
 85 0.0 44.3 66.5#
 99 28.6 49.4 74.2#



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.549 ug/l
 RT: 9.59 min Scan# 2440
 Delta R.T. -0.08 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

Tgt Ion: 63 Resp: 34
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.5 29.3#

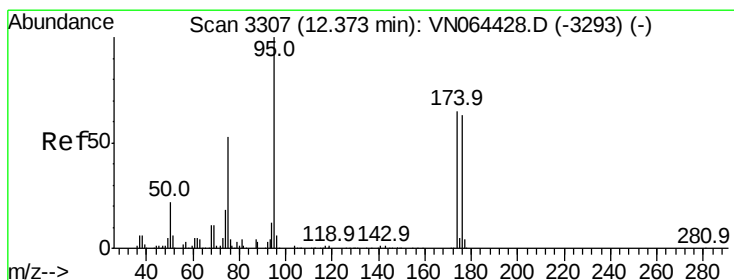
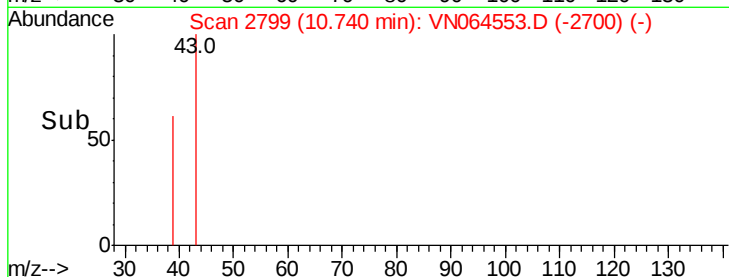
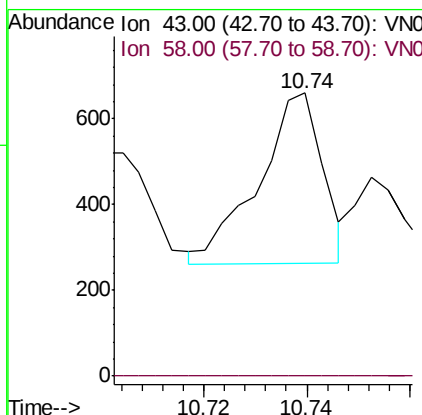
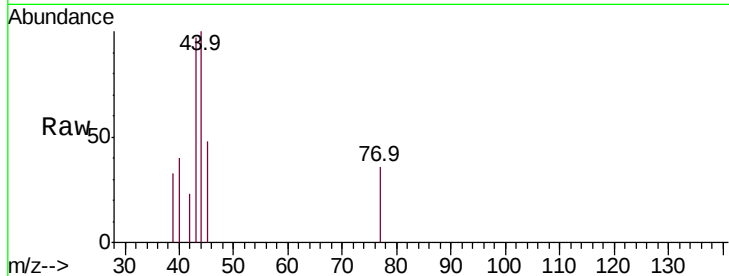




#59
2-Hexanone
Concen: 4.110 ug/l
RT: 10.74 min Scan# 2799
Delta R.T. 0.02 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

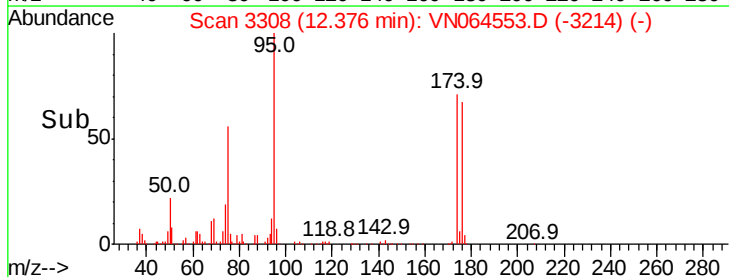
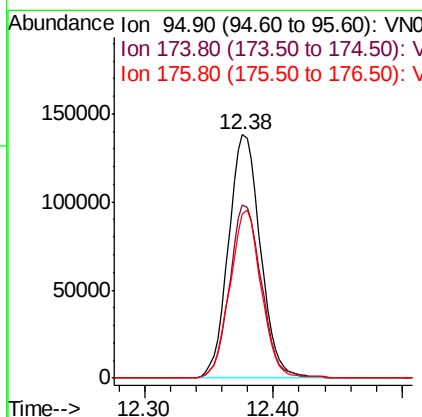
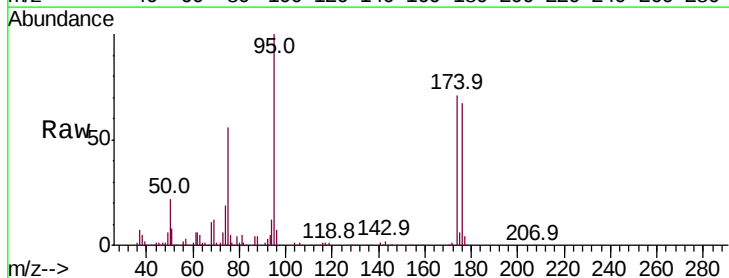
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500DL

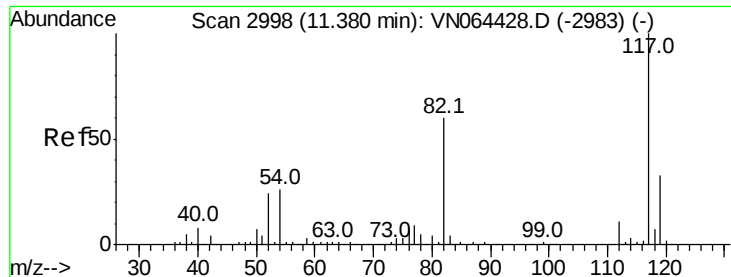
Tot Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
58 0.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 47.840 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

Tgt Ion: 95 Resp: 238241
Ion Ratio Lower Upper
95 100
174 71.4 0.0 132.6
176 67.9 0.0 129.2

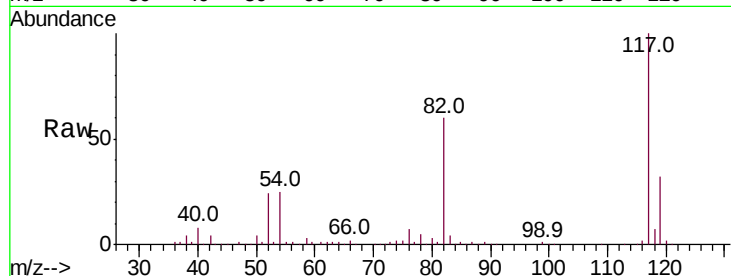




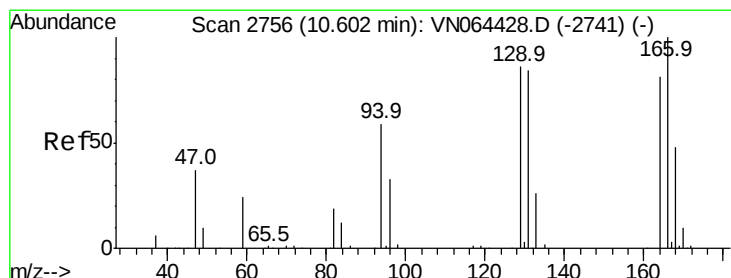
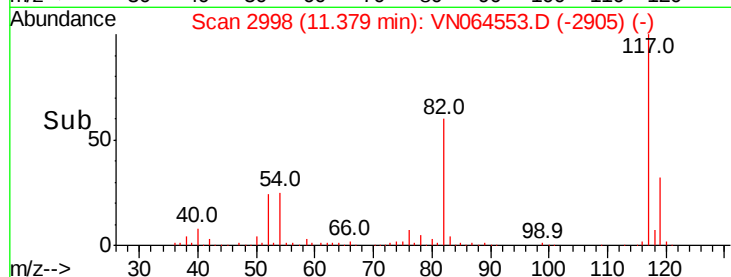
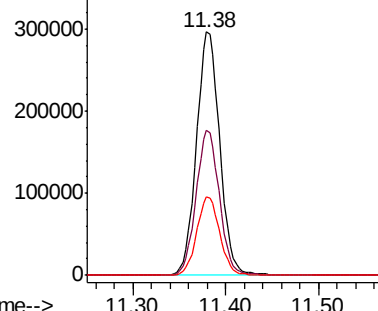
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500DL

Tot Ion:117 Resp: 517170
Ion Ratio Lower Upper
117 100
82 59.6 48.1 72.1
119 32.0 26.2 39.4

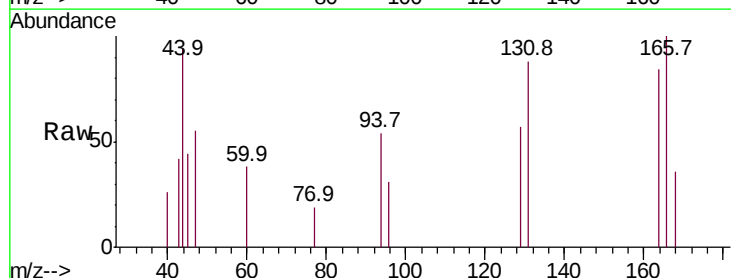


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

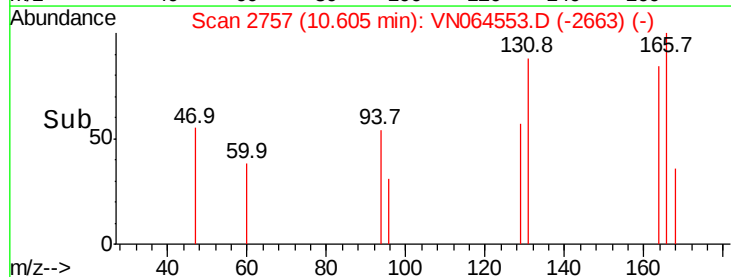
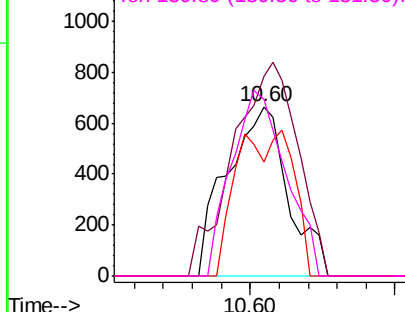


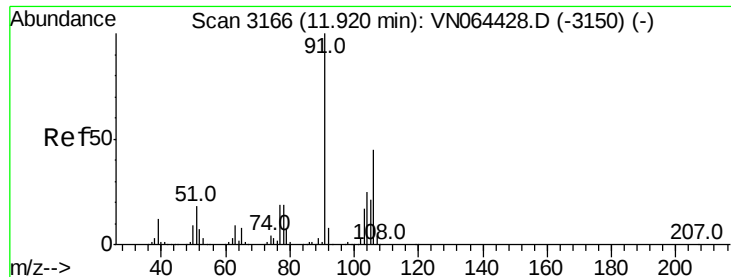
#64
Tetrachloroethene
Concen: 0.246 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

Tgt Ion:164 Resp: 980
Ion Ratio Lower Upper
164 100
166 118.4 98.2 147.2
129 67.8 84.6 127.0#
131 104.5 82.2 123.2



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

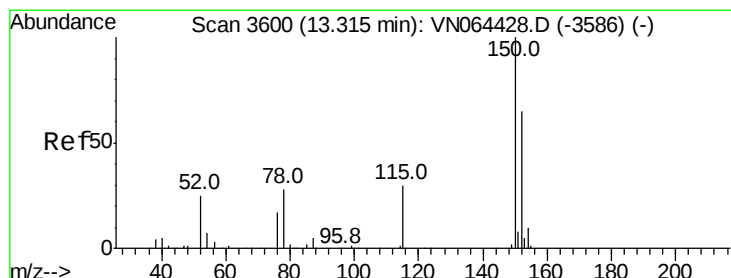
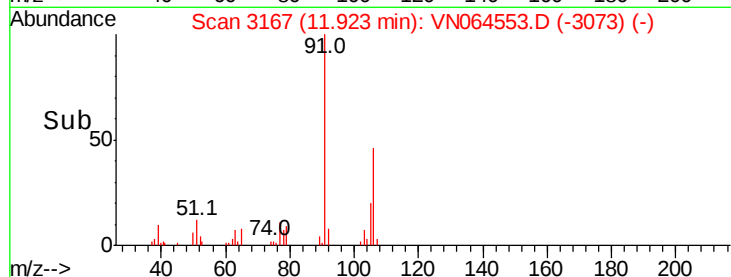
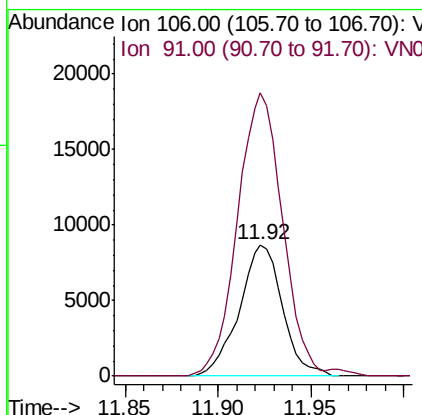
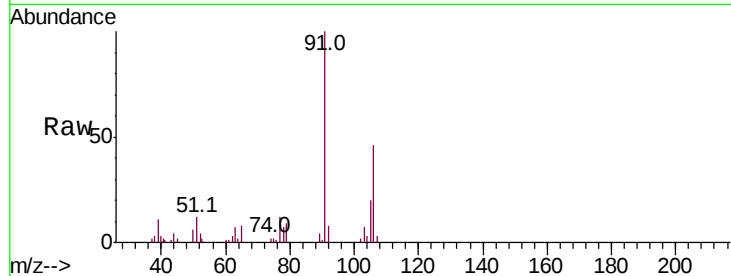




#69
o-Xylene
Concen: 1.985 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

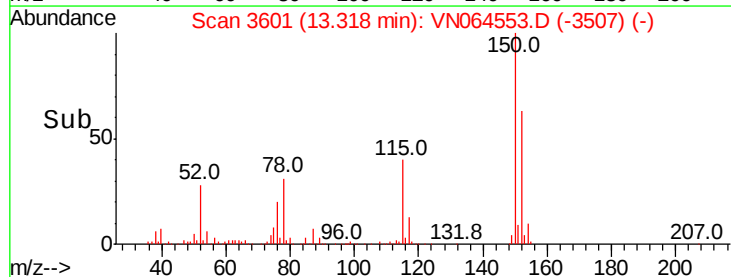
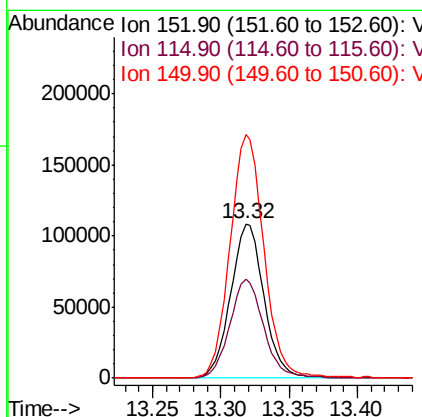
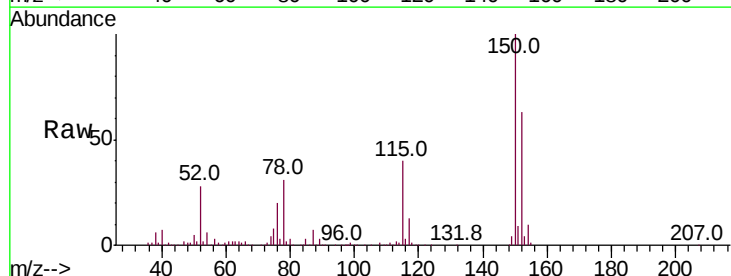
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500DL

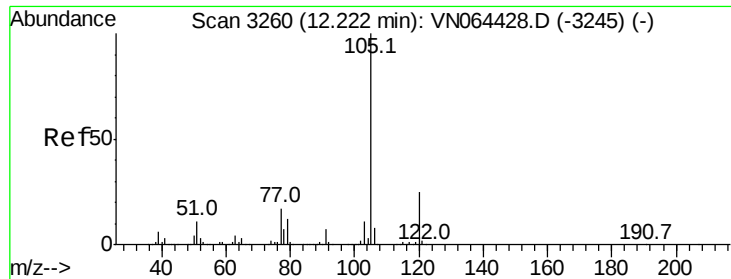
Tot Ion:106 Resp: 14027
Ion Ratio Lower Upper
106 100
91 224.4 111.7 334.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064553.D
Acq: 11 Nov 2020 14:25

Tgt Ion:152 Resp: 184050
Ion Ratio Lower Upper
152 100
115 65.3 32.0 96.0
150 159.9 0.0 353.8





#73

Isopropylbenzene

Concen: 0.792 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

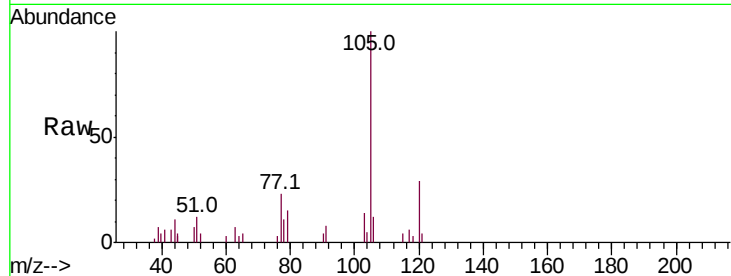
BP-VPB178-GW-498-500DL

Tot Ion:105 Resp: 11584

Ion Ratio Lower Upper

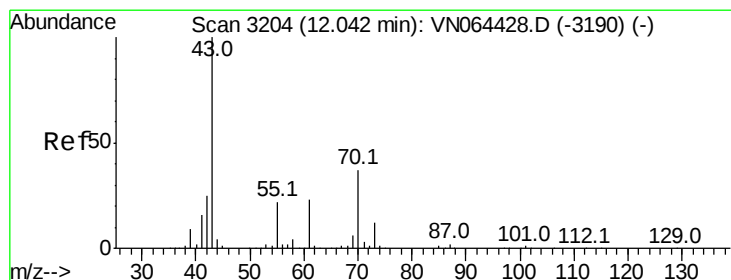
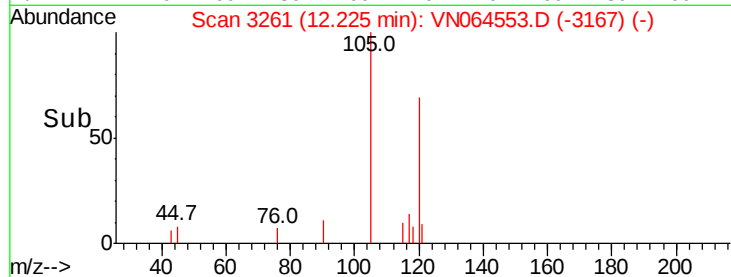
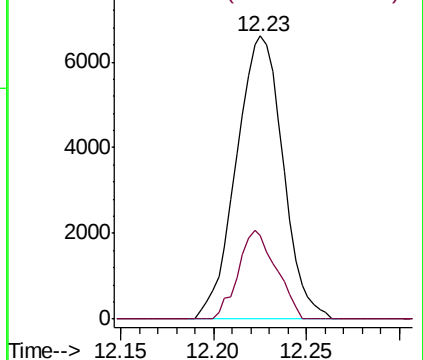
105 100

120 25.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.229 ug/l

RT: 12.04 min Scan# 3202

Delta R.T. -0.01 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Tgt Ion: 43 Resp: 103

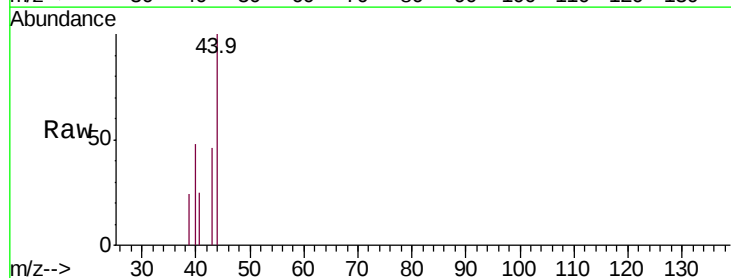
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 0.0 18.4 27.6#

61 0.0 17.8 26.6#

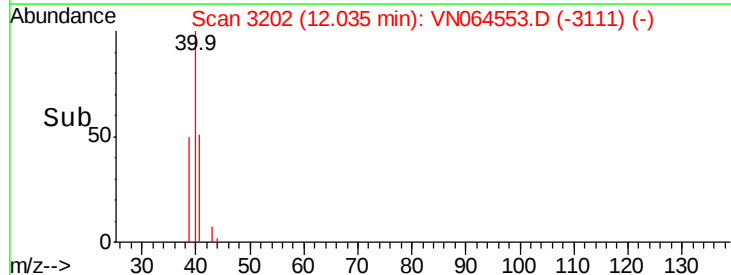
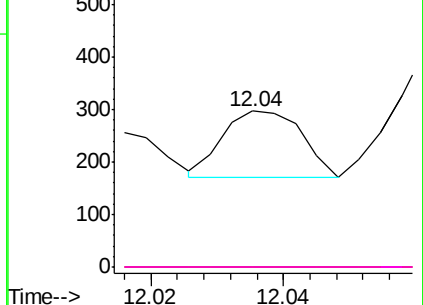


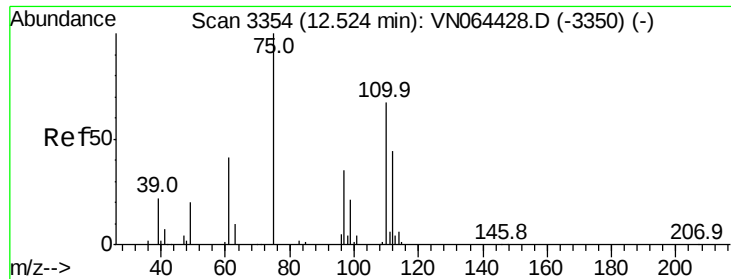
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

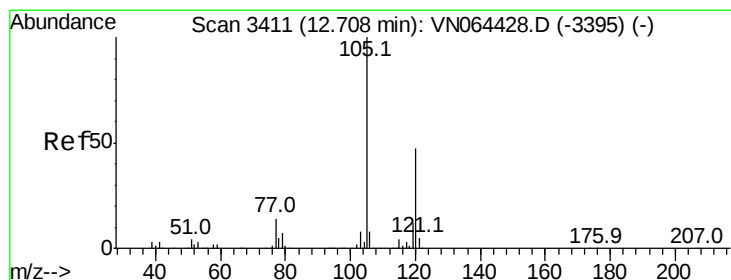
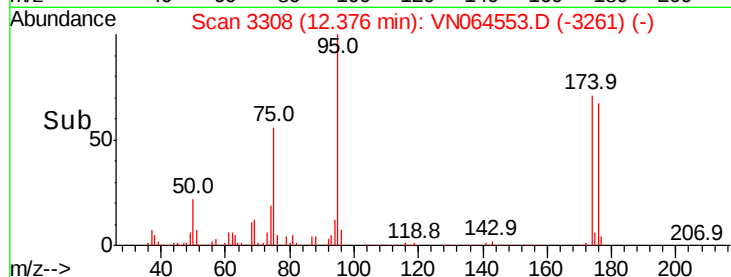
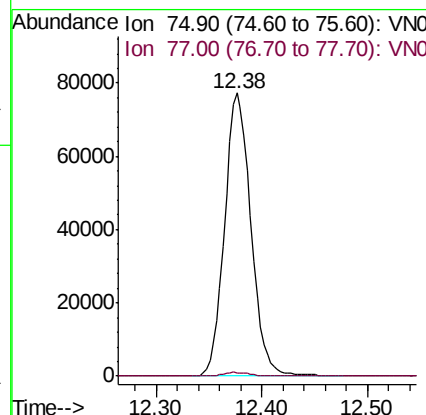
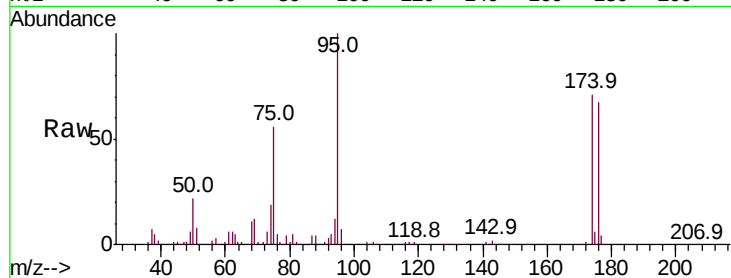




#76
 1,2,3-Trichloropropane
 Concen: 29.883 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

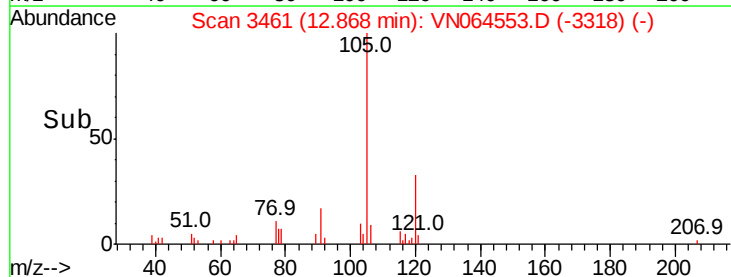
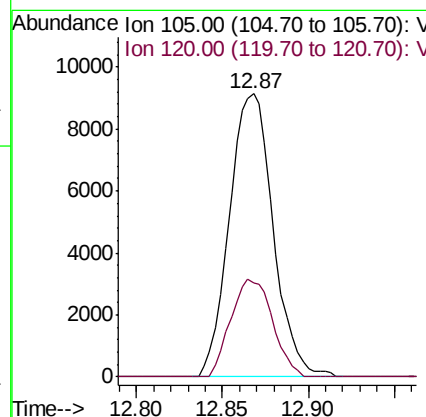
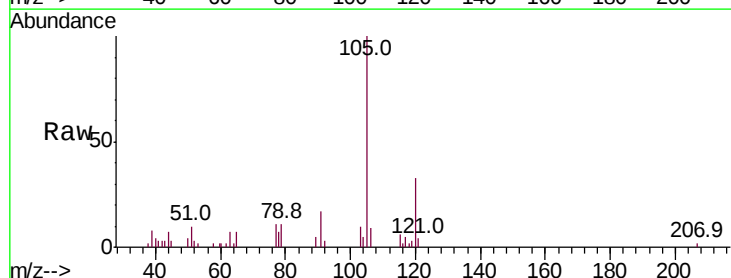
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500DL

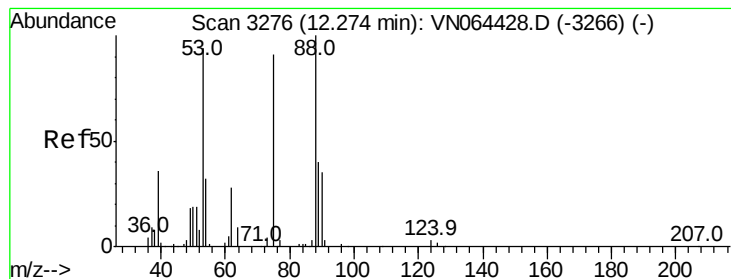
Tot Ion: 75 Resp: 133259
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.343 ug/l
 RT: 12.87 min Scan# 3461
 Delta R.T. 0.16 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

Tgt Ion:105 Resp: 16207
 Ion Ratio Lower Upper
 105 100
 120 32.9 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 83.436 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064553.D

Acq: 11 Nov 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500DL

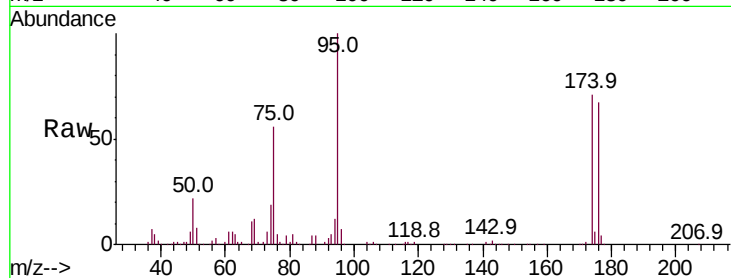
Tot Ion: 75 Resp: 133259

Ion Ratio Lower Upper

75 100

53 0.3 84.0 126.0#

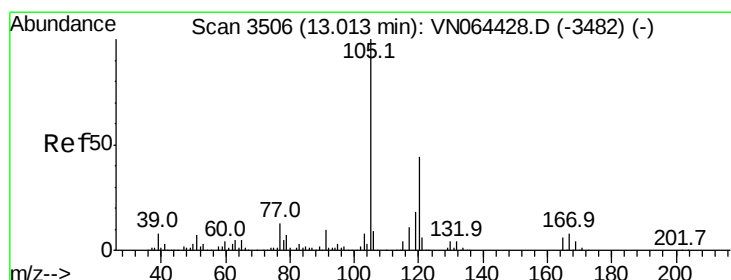
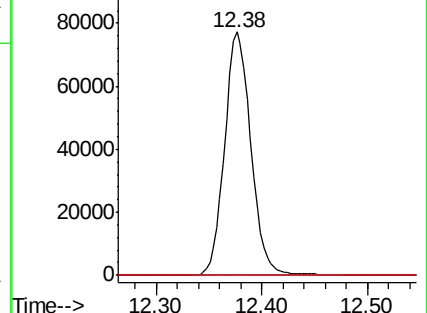
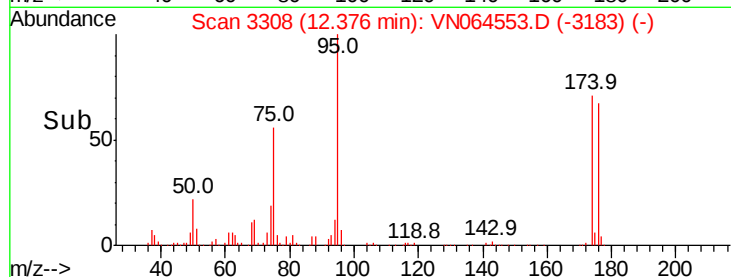
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064428.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064428.D (-3266) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.336 ug/l

RT: 12.87 min Scan# 3461

Delta R.T. -0.14 min

Lab File: VN064553.D

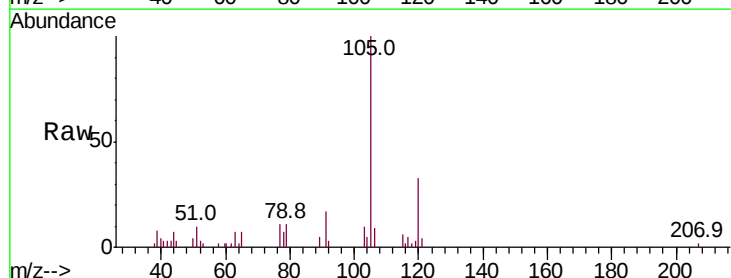
Acq: 11 Nov 2020 14:25

Tgt Ion:105 Resp: 16207

Ion Ratio Lower Upper

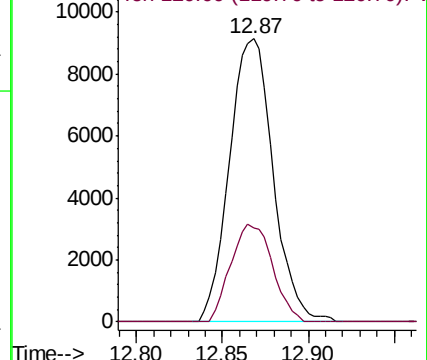
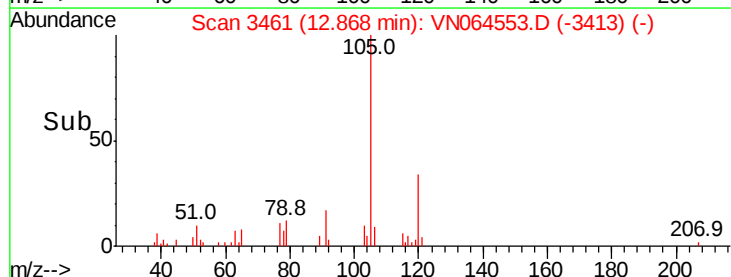
105 100

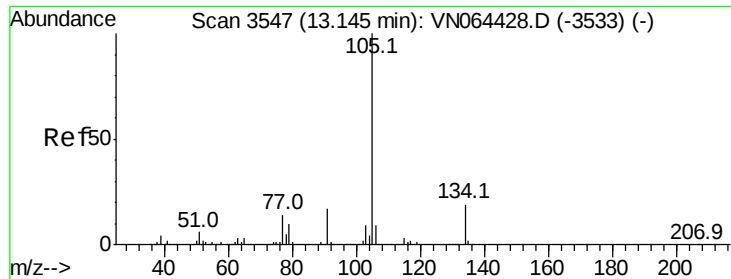
120 32.9 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3482) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3482) (-)

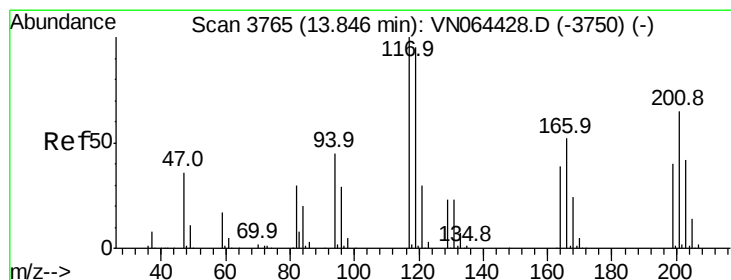
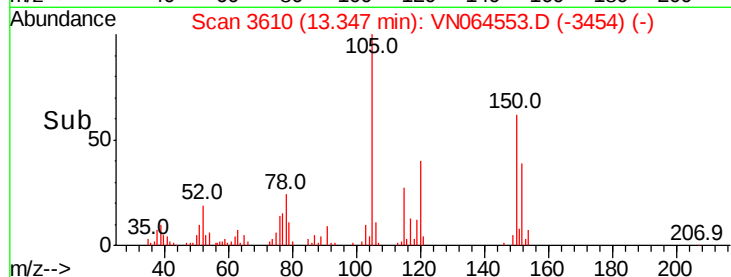
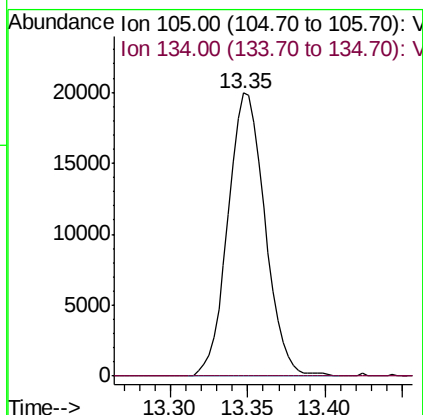
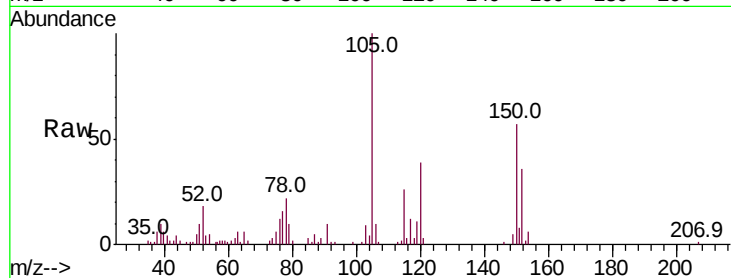




#85
 sec-Butylbenzene
 Concen: 2.779 ug/l
 RT: 13.35 min Scan# 3610
 Delta R.T. 0.20 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500DL

Tot Ion:105 Resp: 33171
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#



#90
 Hexachloroethane
 Concen: 1.671 ug/l
 RT: 13.97 min Scan# 3805
 Delta R.T. 0.13 min
 Lab File: VN064553.D
 Acq: 11 Nov 2020 14:25

Tgt Ion:117 Resp: 3462
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.5 97.5#

