

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064628.D
 Acq On : 13 Nov 2020 13:48
 Operator : JC/MD
 Sample : L4747-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-538-540

Quant Time: Nov 17 01:56:48 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	224556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	478835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	481163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	228533	58.43	ug/l	0.00
Spiked Amount			Recovery	=	116.86%	
35) Dibromofluoromethane	7.55	113	167899	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
50) Toluene-d8	10.06	98	602170	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.38	95	217871	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	

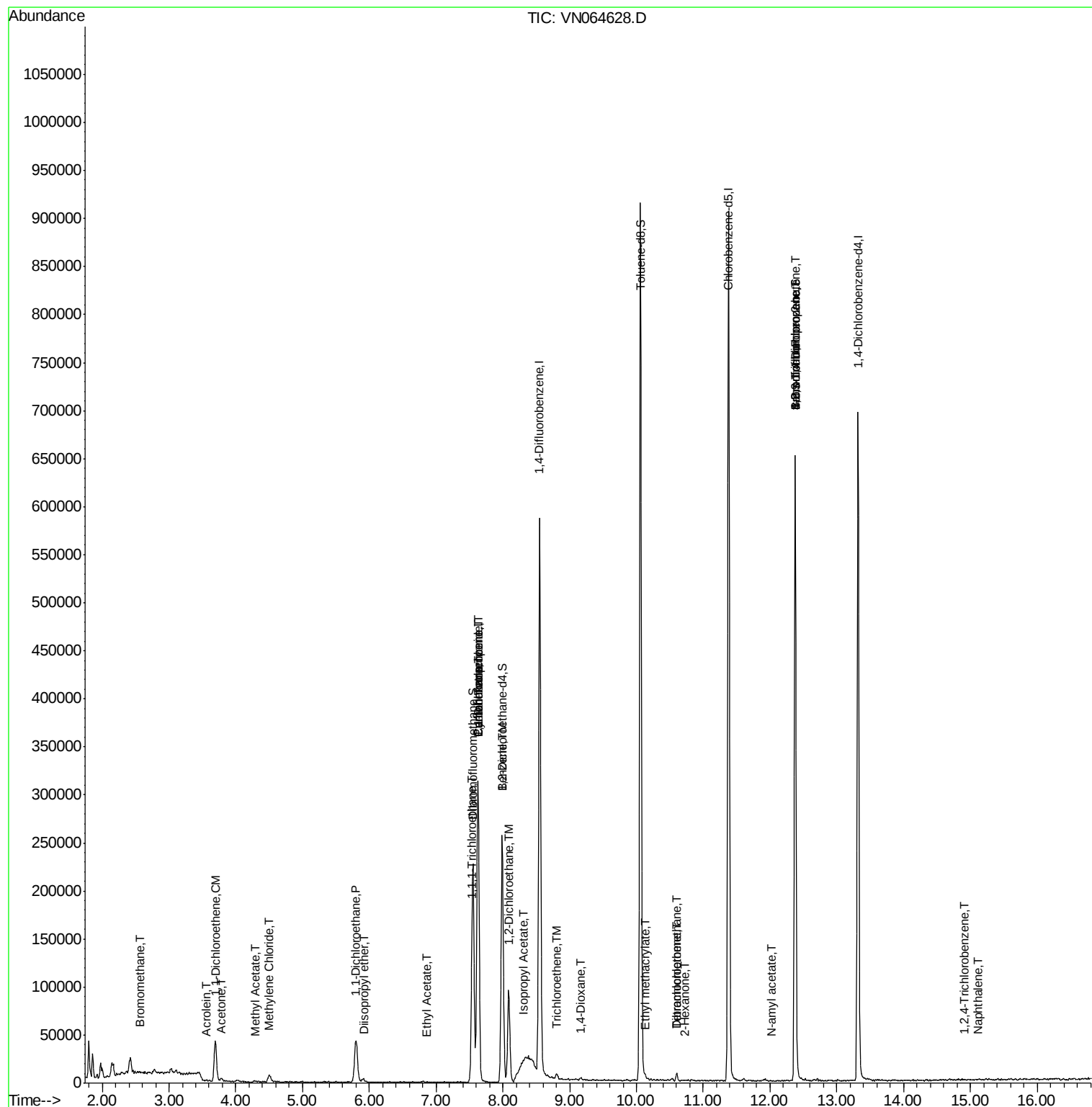
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	788	0.338	ug/l #	4
12) 1,1-Dichloroethene	3.70	96	19778	8.235	ug/l	90
13) Acrolein	3.54	56	122	0.456	ug/l #	78
16) Acetone	3.78	43	5307	3.562	ug/l	96
18) Methyl Acetate	4.30	43	1607	0.549	ug/l #	63
20) Methylene Chloride	4.51	84	4731	1.600	ug/l	98
22) Diisopropyl ether	5.91	45	3765	0.378	ug/l #	81
24) 1,1-Dichloroethane	5.79	63	65658	11.981	ug/l	99
31) Cyclohexane	7.62	56	6741	1.418	ug/l #	1
32) 1,1,1-Trichloroethane	7.52	97	10770	2.108	ug/l	98
36) 1,1-Dichloropropene	7.62	75	22365	4.421	ug/l #	47
37) Ethyl Acetate	6.87	43	32	0.769	ug/l #	71
38) Carbon Tetrachloride	7.63	117	26176	4.842	ug/l #	17
40) Benzene	8.00	78	5190	0.349	ug/l	100
42) 1,2-Dichloroethane	8.09	62	96684	16.117	ug/l	100
43) Isopropyl Acetate	8.30	43	35225	4.297	ug/l #	64
44) Trichloroethene	8.80	130	1608	0.429	ug/l	84
49) 1,4-Dioxane	9.17	88	1741	31.954	ug/l #	70
56) Ethyl methacrylate	10.14	69	31	1.846	ug/l #	1
59) 2-Hexanone	10.73	43	124	4.059	ug/l #	28
60) Dibromochloromethane	10.60	129	1632	0.412	ug/l #	10
64) Tetrachloroethene	10.60	164	1403	0.379	ug/l #	78
71) Bromoform	12.37	173	638	1.486	ug/l #	1
74) N-ethyl acetate	12.02	43	141	1.235	ug/l #	59
76) 1,2,3-Trichloropropane	12.38	75	126462	30.030	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	126462	83.848	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.92	180	65	2.686	ug/l #	12
95) Naphthalene	15.11	128	893	3.710	ug/l #	69

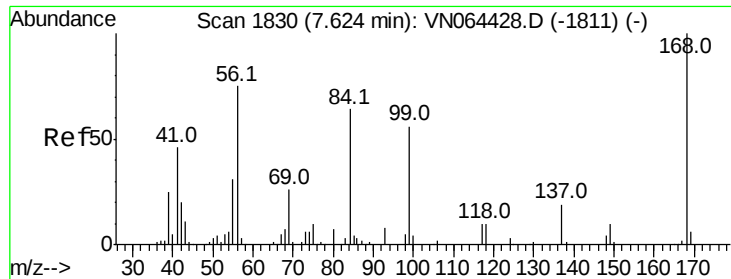
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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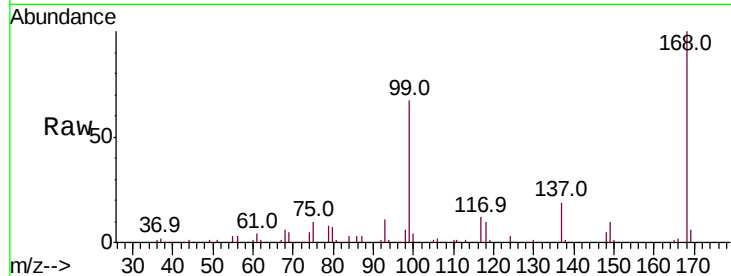




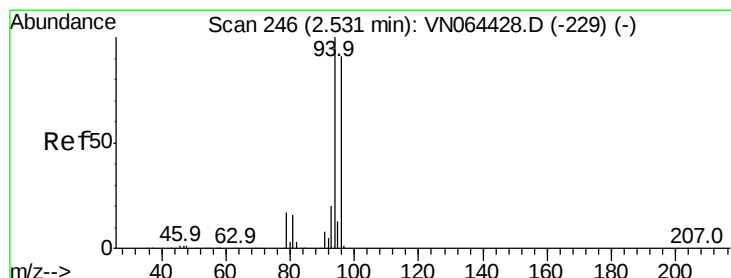
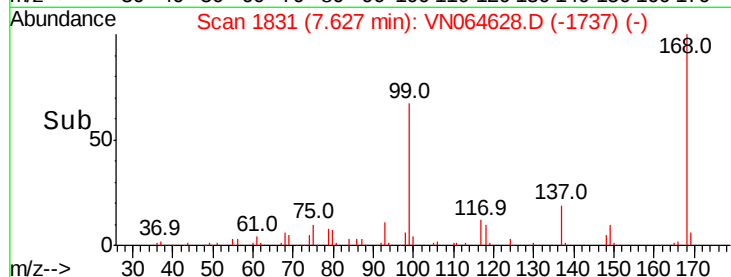
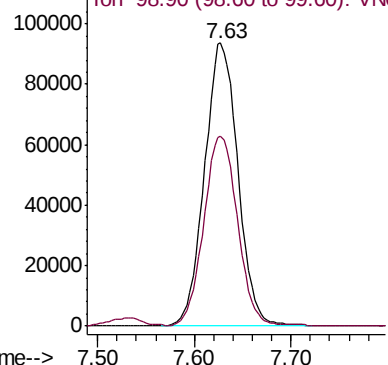
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-538-540

Tot Ion:168 Resp: 224556
Ion Ratio Lower Upper
168 100
99 67.0 53.4 80.2

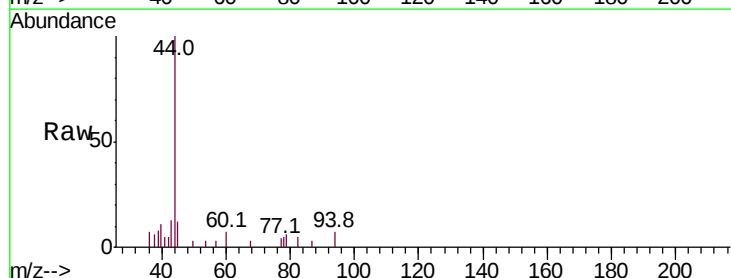


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

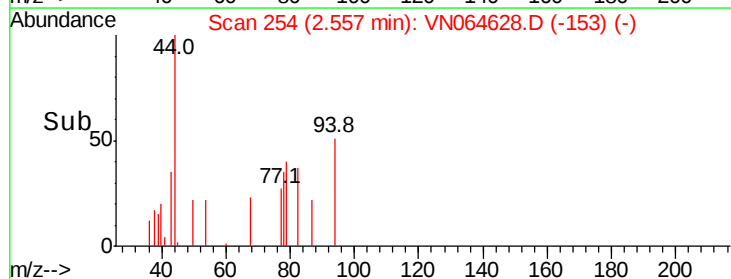
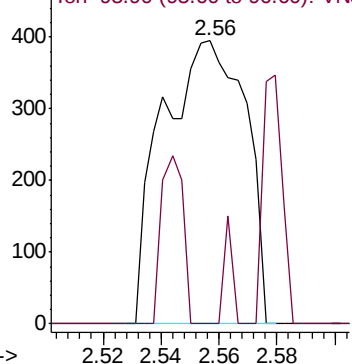


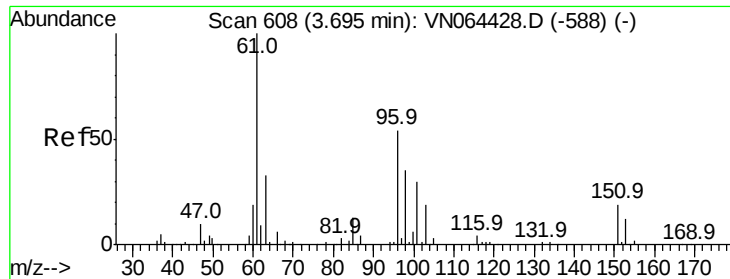
#5
Bromomethane
Concen: 0.338 ug/l
RT: 2.56 min Scan# 254
Delta R.T. 0.03 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

Tgt Ion: 94 Resp: 788
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO





#12

1,1-Dichloroethene

Concen: 8.235 ug/l

RT: 3.70 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-538-540

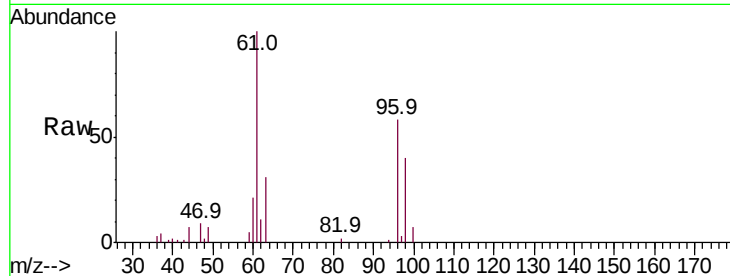
Tot Ion: 96 Resp: 19778

Ion Ratio Lower Upper

96 100

61 169.9 149.5 224.3

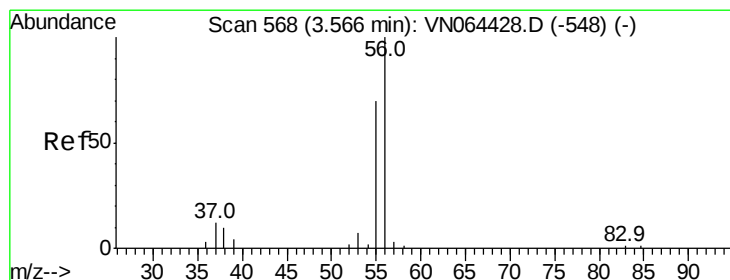
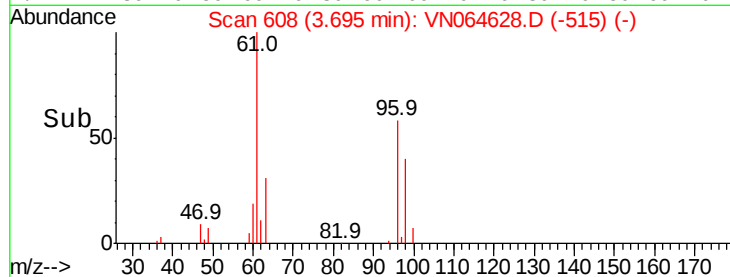
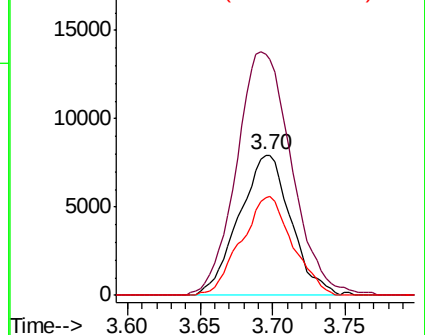
98 69.4 52.4 78.6



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: 0.456 ug/l

RT: 3.54 min Scan# 561

Delta R.T. -0.02 min

Lab File: VN064628.D

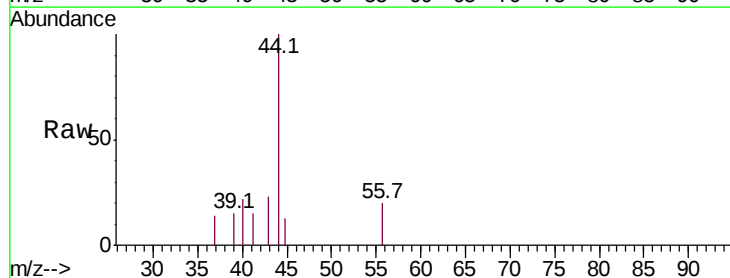
Acq: 13 Nov 2020 13:48

Tgt Ion: 56 Resp: 122

Ion Ratio Lower Upper

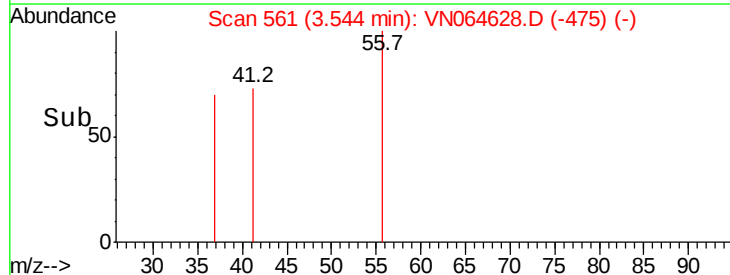
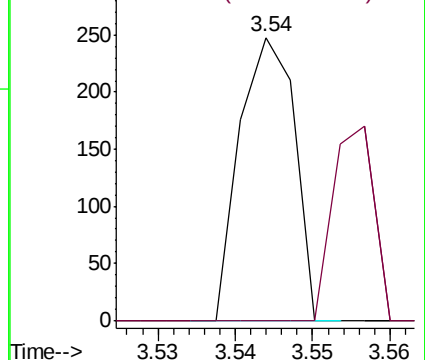
56 100

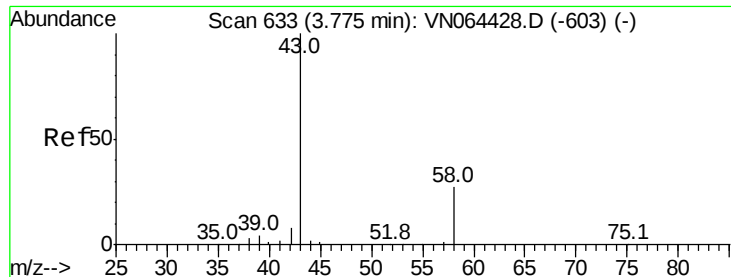
55 51.6 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

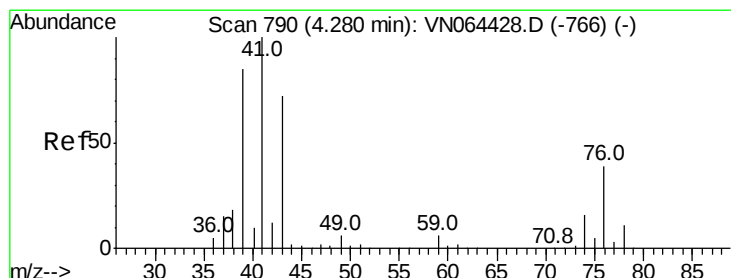
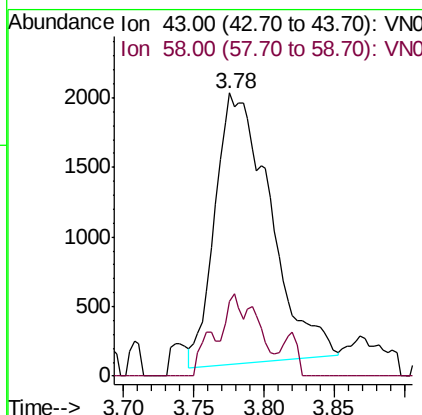
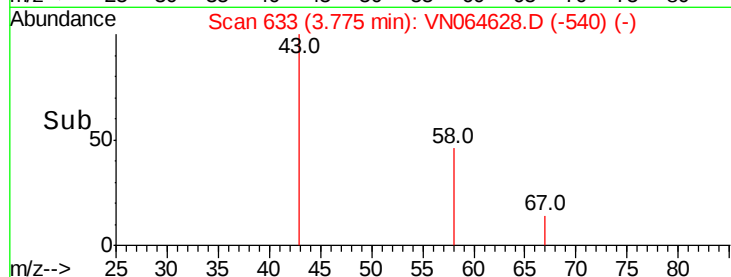
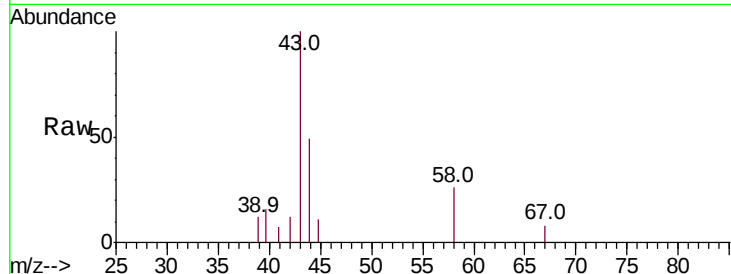




#16
Acetone
Concen: 3.562 ug/l
RT: 3.78 min Scan# 633
Delta R.T. -0.00 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

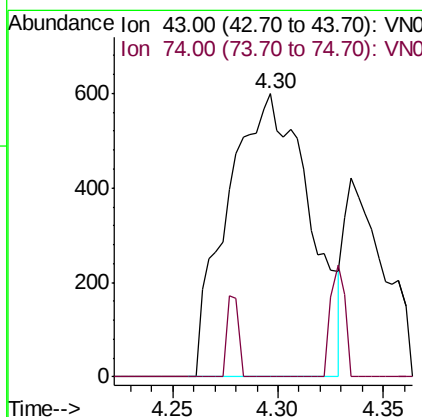
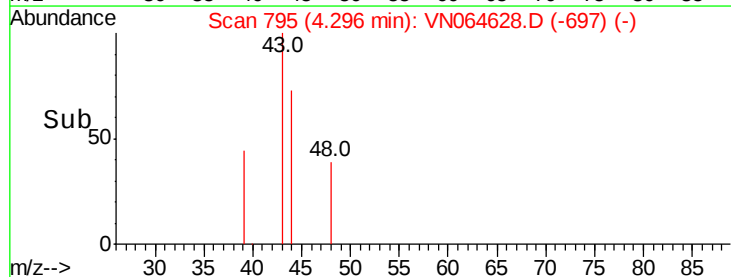
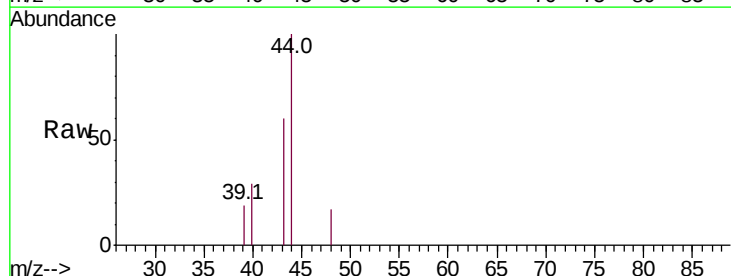
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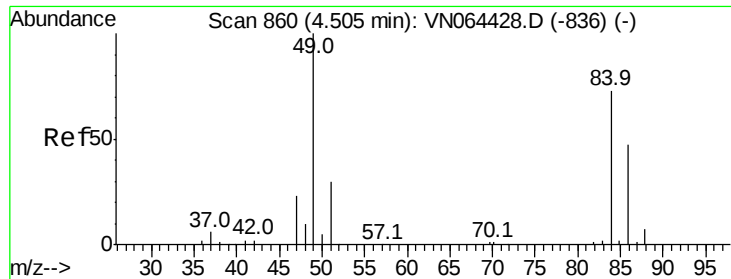
Tot Ion: 43 Resp: 5307
Ion Ratio Lower Upper
43 100
58 28.7 21.4 32.0



#18
Methyl Acetate
Concen: 0.549 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

Tgt Ion: 43 Resp: 1607
Ion Ratio Lower Upper
43 100
74 4.0 17.0 25.4#

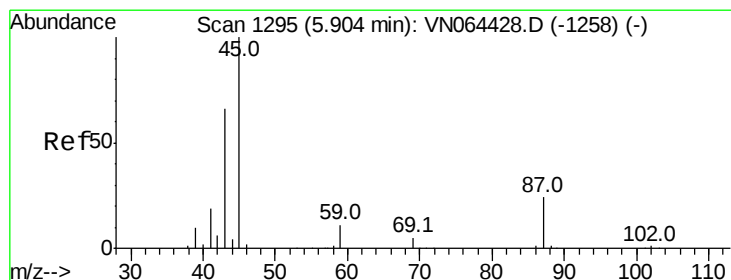
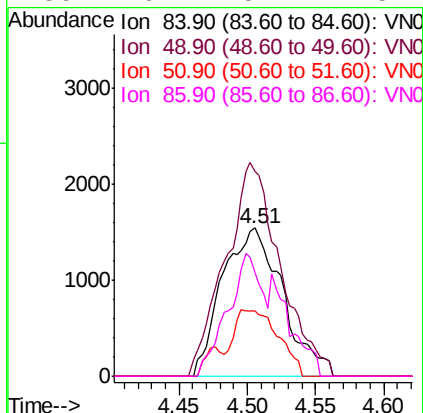
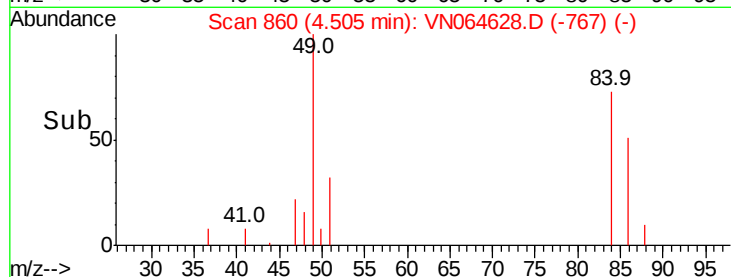
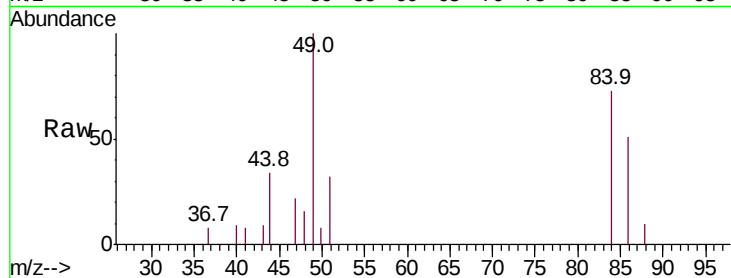




#20
Methvlene Chloride
Concen: 1.600 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

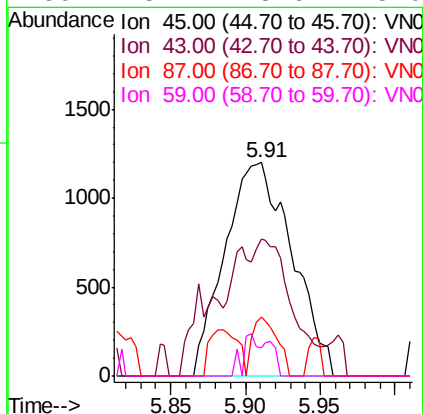
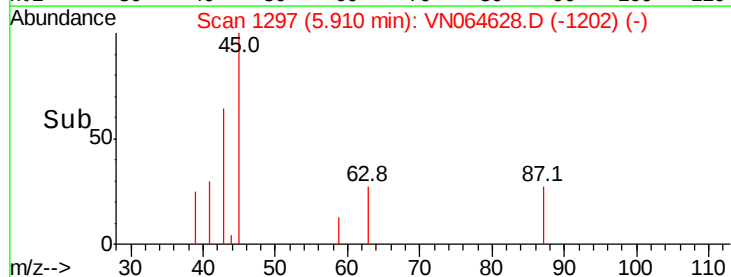
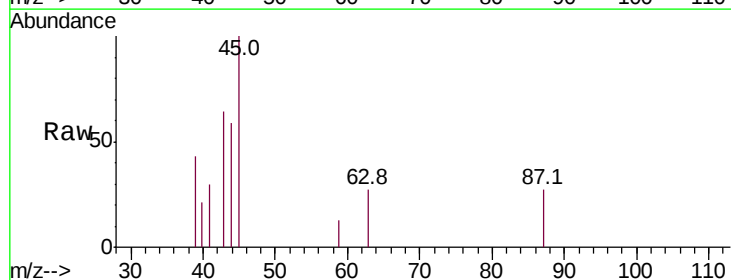
Instrument :
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ClientSampleId :
BP-VPB178-GW-538-540

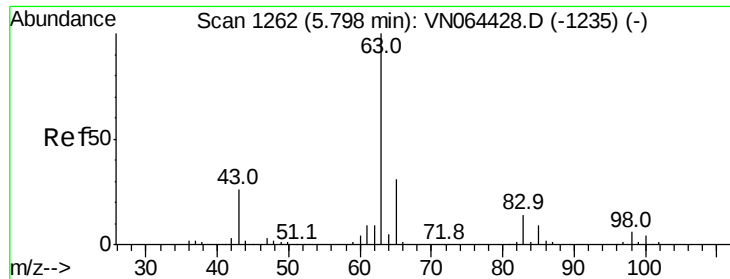
Tot Ion: 84 Resp: 4731
Ion Ratio Lower Upper
84 100
49 137.8 110.1 165.1
51 44.3 33.6 50.4
86 70.1 52.1 78.1



#22
Diisopropyl ether
Concen: 0.378 ug/l
RT: 5.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN064628.D
Acq: 13 Nov 2020 13:48

Tgt Ion: 45 Resp: 3765
Ion Ratio Lower Upper
45 100
43 44.9 53.2 79.8#
87 27.3 19.9 29.9
59 13.1 8.6 13.0#





#24

1,1-Dichloroethane

Concen: 11.981 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

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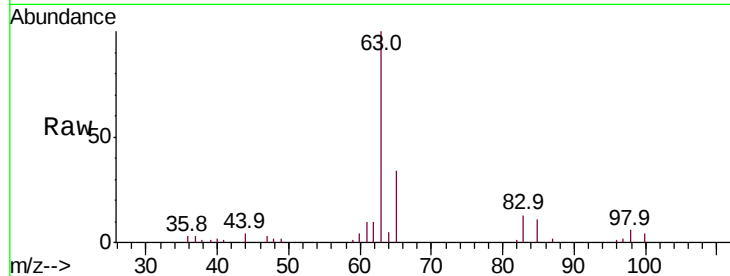
Tot Ion: 63 Resp: 65658

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

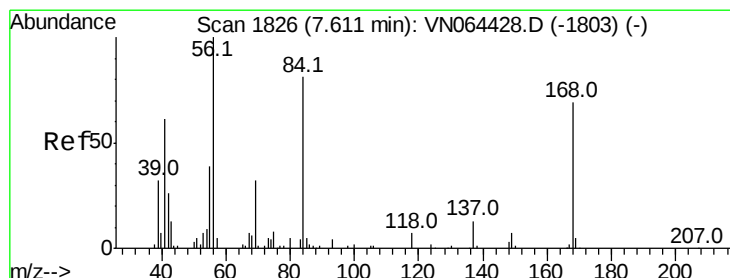
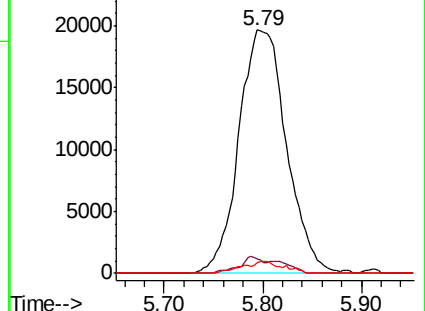
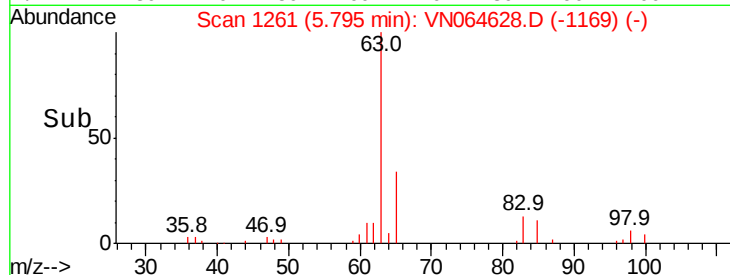
100 4.4 1.8 5.3



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



#31

Cyclohexane

Concen: 1.418 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

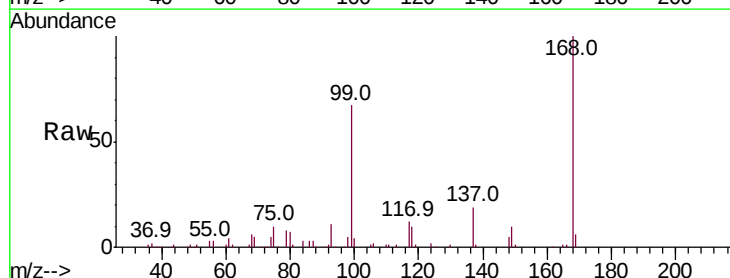
Tgt Ion: 56 Resp: 6741

Ion Ratio Lower Upper

56 100

69 186.4 25.6 38.4#

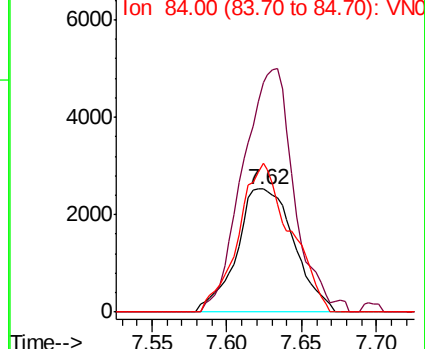
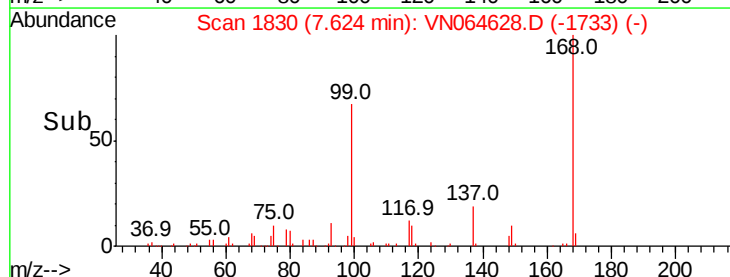
84 120.6 63.0 94.6#

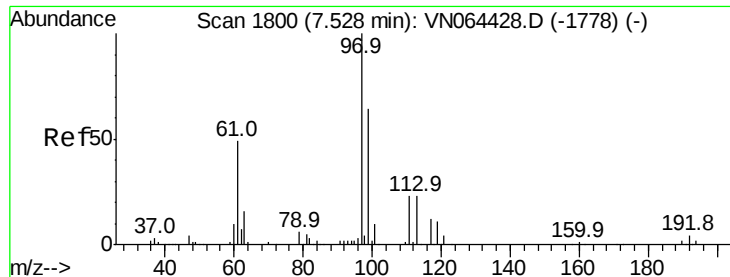


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#32

1,1,1-Trichloroethane

Concen: 2.108 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064628.D

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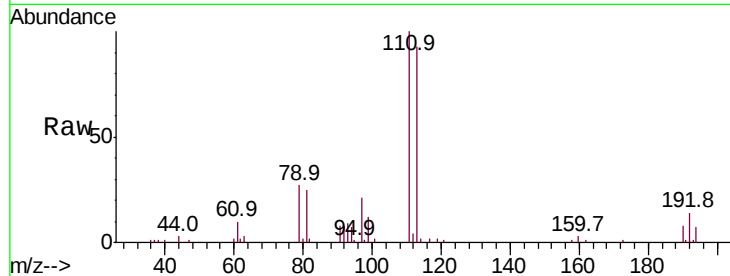
Tot Ion: 97 Resp: 10770

Ion Ratio Lower Upper

97 100

99 65.5 51.3 76.9

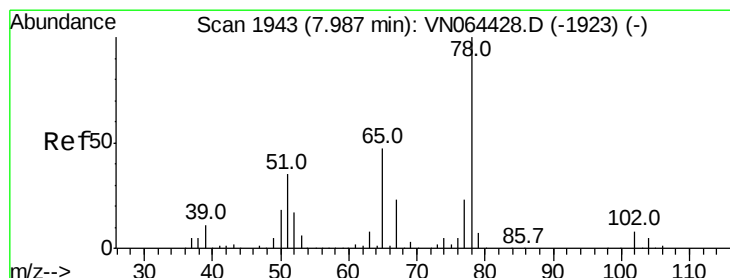
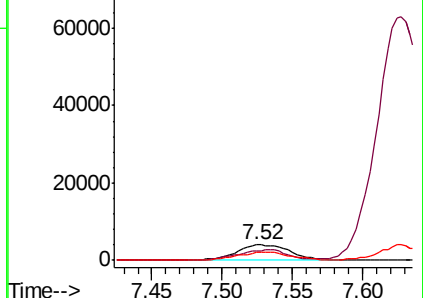
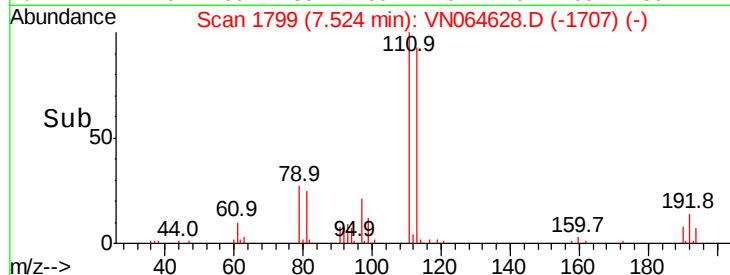
61 50.9 39.1 58.7



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 58.427 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064628.D

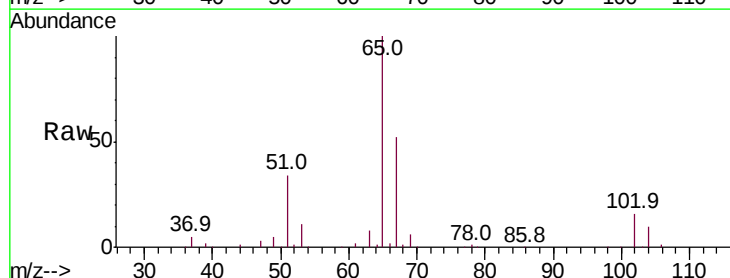
Acq: 13 Nov 2020 13:48

Tgt Ion: 65 Resp: 228533

Ion Ratio Lower Upper

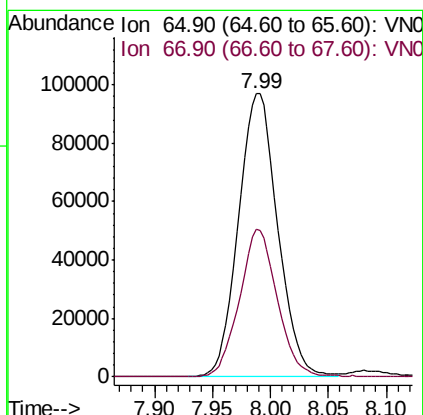
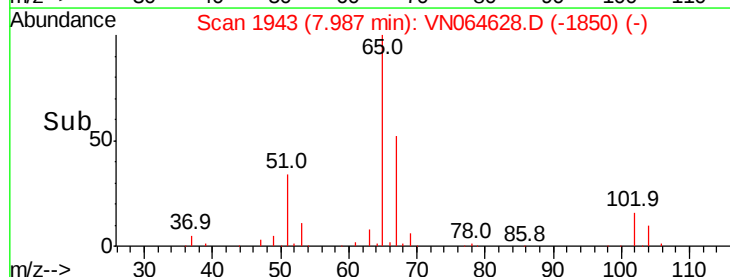
65 100

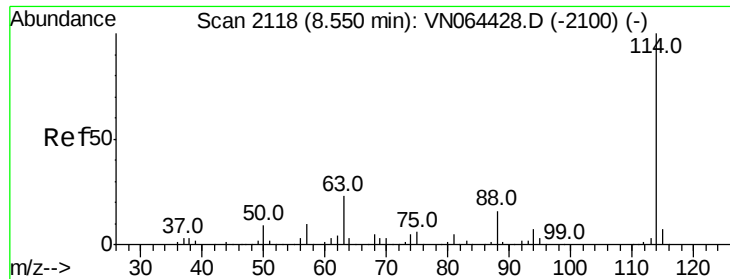
67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

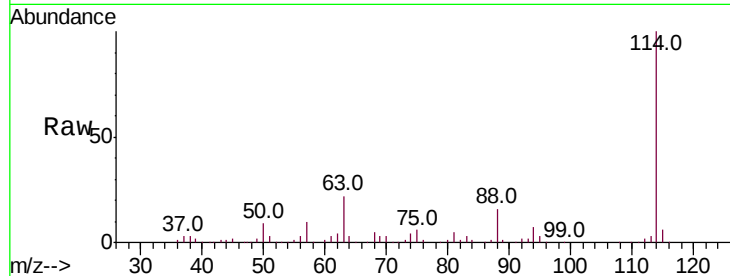




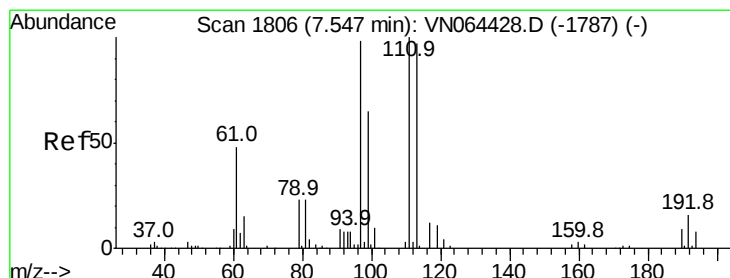
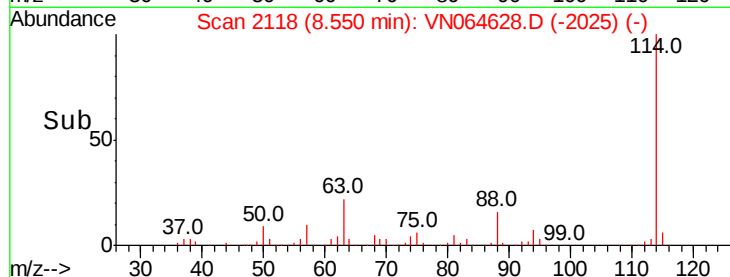
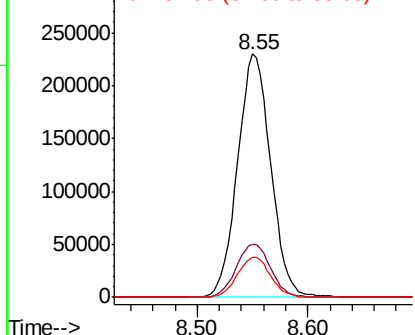
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-538-540

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.6
88	16.5	0.0	32.8

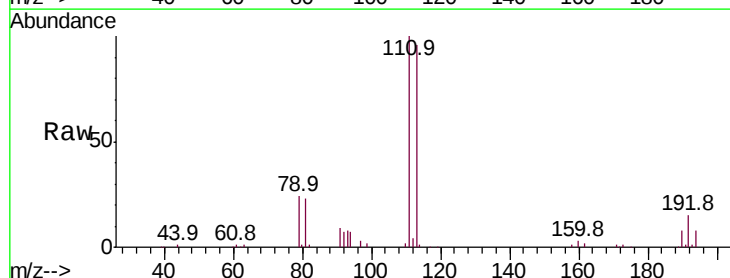


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

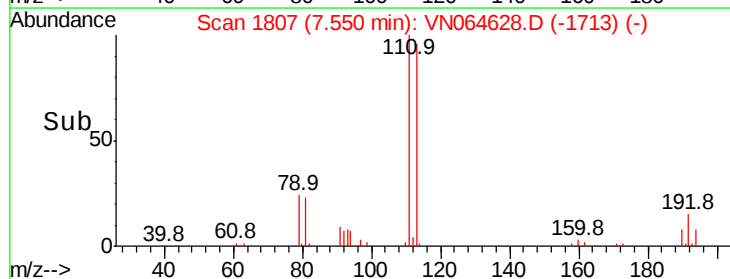
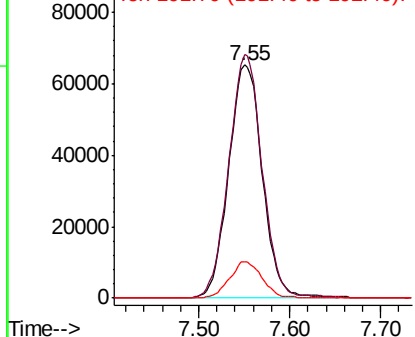


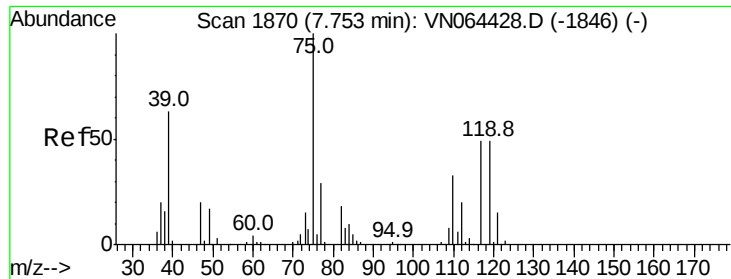
#35
 Dibromofluoromethane
 Concen: 51.499 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.1	121.7
192	15.1	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: 4.421 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-538-540

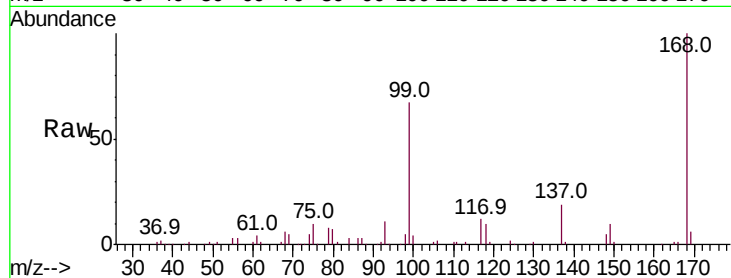
Tot Ion: 75 Resp: 22365

Ion Ratio Lower Upper

75 100

110 3.8 16.0 48.0#

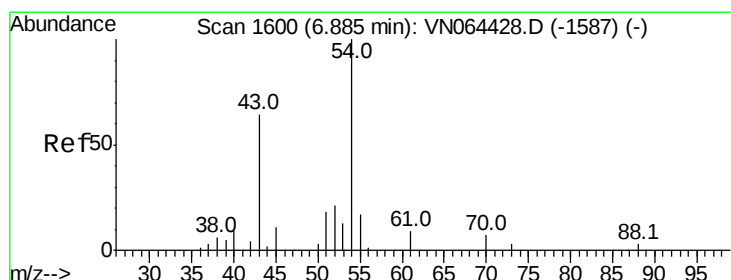
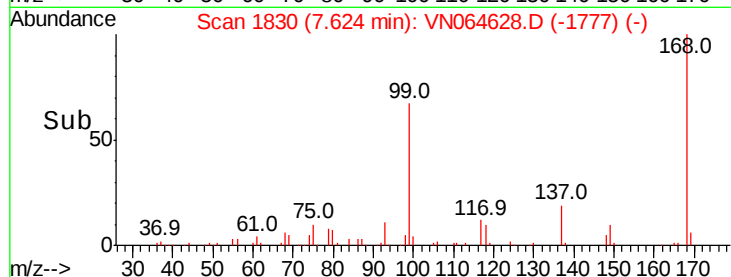
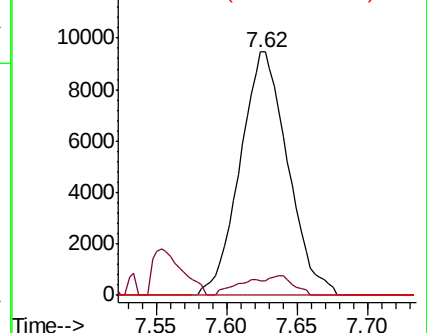
77 0.0 24.0 36.0#



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: 0.769 ug/l

RT: 6.87 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

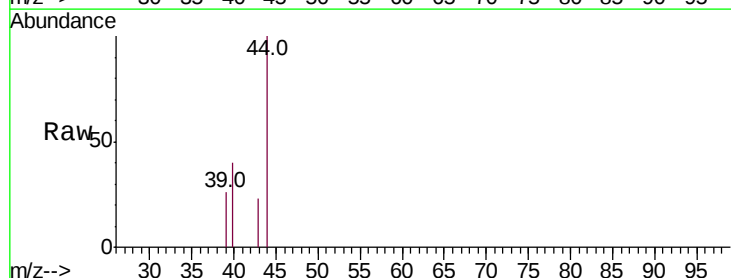
Tgt Ion: 43 Resp: 32

Ion Ratio Lower Upper

43 100

61 0.0 10.0 15.0#

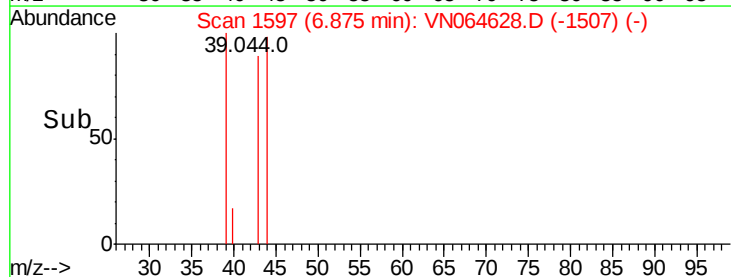
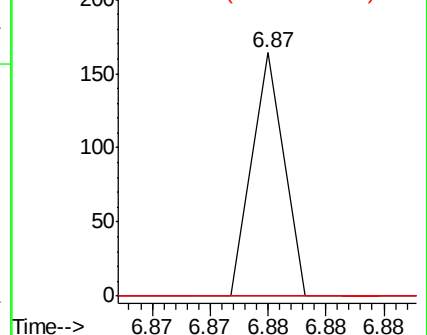
70 0.0 7.1 10.7#

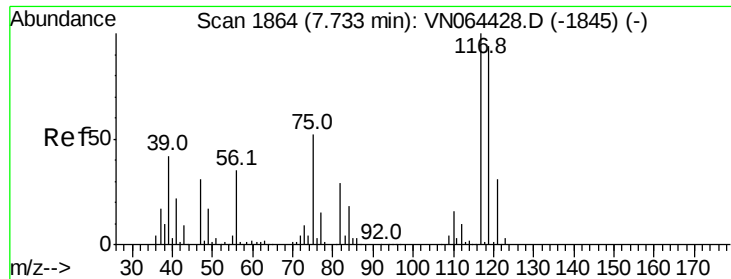


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 4.842 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-538-540

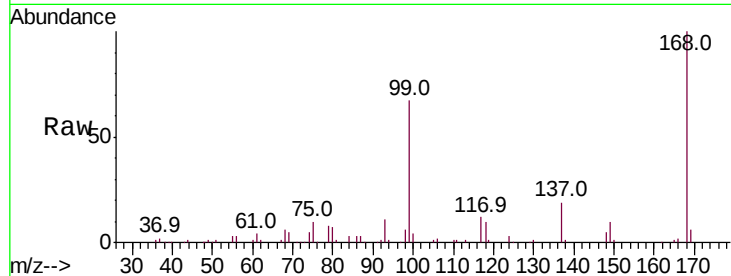
Tot Ion:117 Resp: 26176

Ion Ratio Lower Upper

117 100

119 6.1 75.5 113.3#

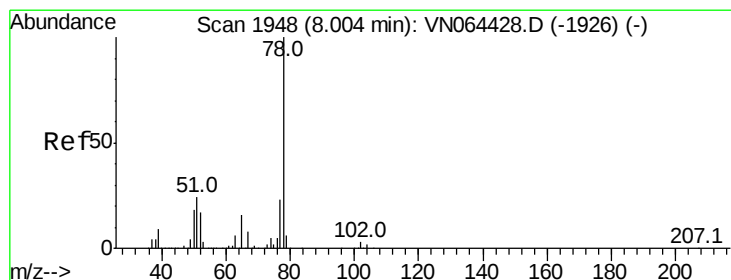
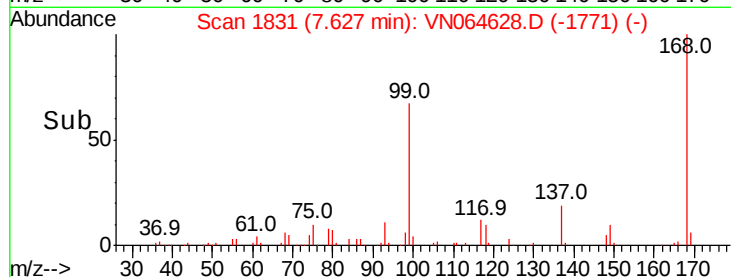
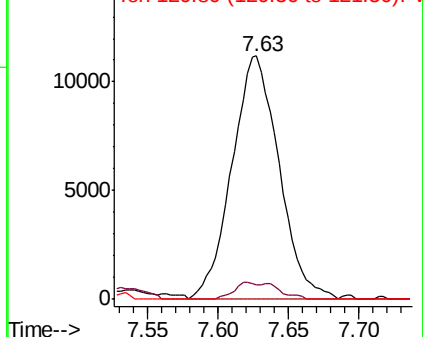
121 0.0 24.4 36.6#



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



#40

Benzene

Concen: 0.349 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064628.D

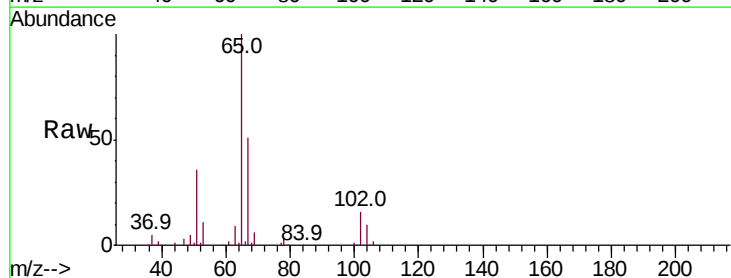
Acq: 13 Nov 2020 13:48

Tgt Ion: 78 Resp: 5190

Ion Ratio Lower Upper

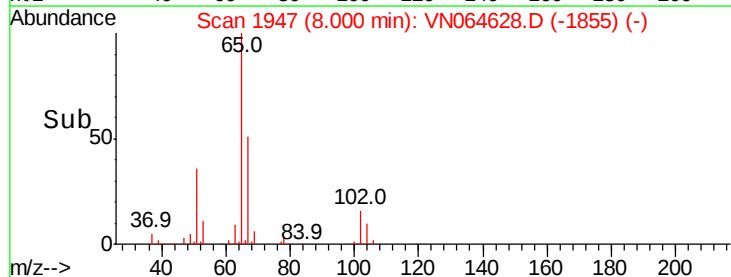
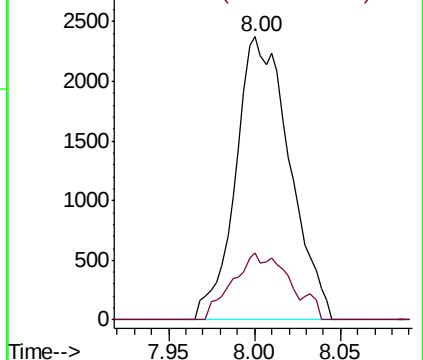
78 100

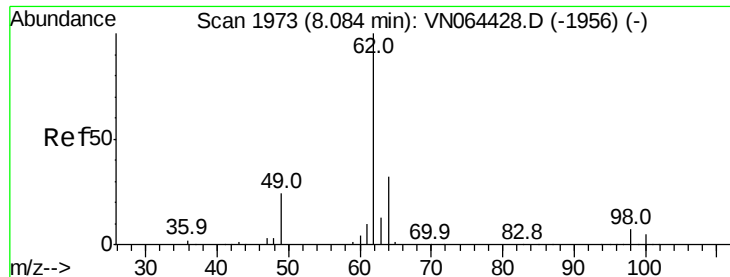
77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#42

1,2-Dichloroethane

Concen: 16.117 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

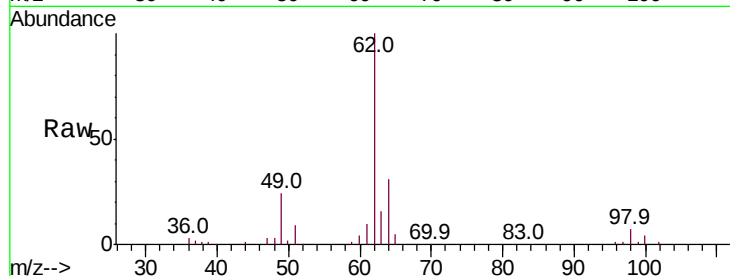
BP-VPB178-GW-538-540

Tot Ion: 62 Resp: 96684

Ion Ratio Lower Upper

62 100

98 6.9 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

8.09

40000

30000

20000

10000

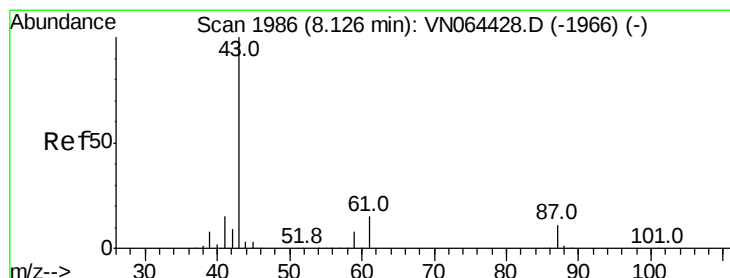
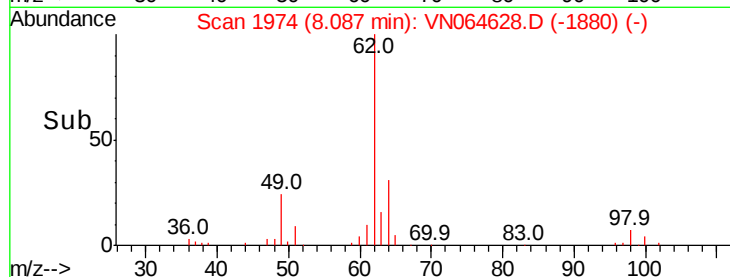
0

8.00

8.10

8.20

Time-->



#43

Isopropyl Acetate

Concen: 4.297 ug/l

RT: 8.30 min Scan# 2040

Delta R.T. 0.17 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

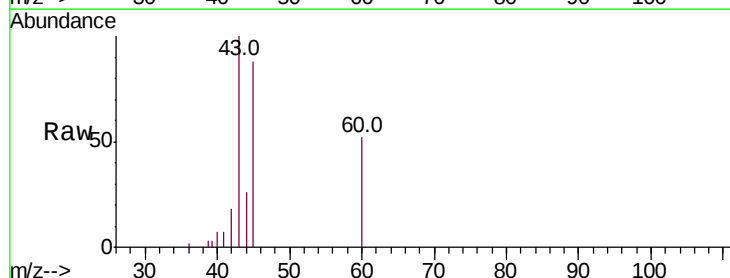
Tgt Ion: 43 Resp: 35225

Ion Ratio Lower Upper

43 100

61 0.0 14.0 21.0#

87 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

12000

10000

8000

6000

4000

2000

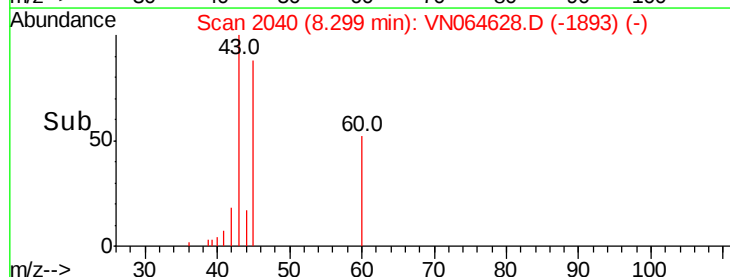
0

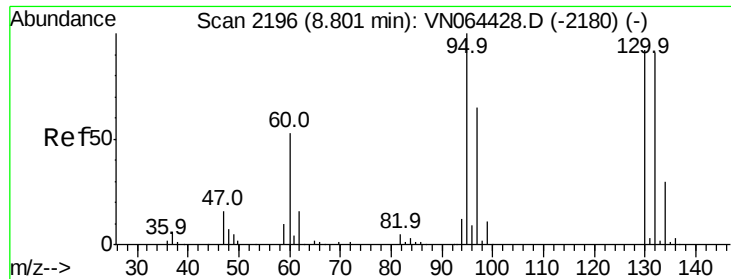
8.10

8.20

8.30

Time-->





#44

Trichloroethene

Concen: 0.429 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

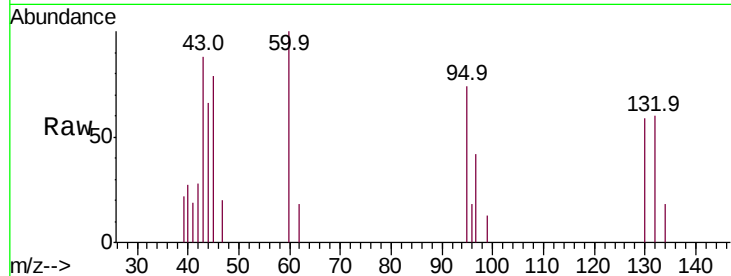
BP-VPB178-GW-538-540

Tot Ion:130 Resp: 1608

Ion Ratio Lower Upper

130 100

95 125.2 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

1200

1000

800

600

400

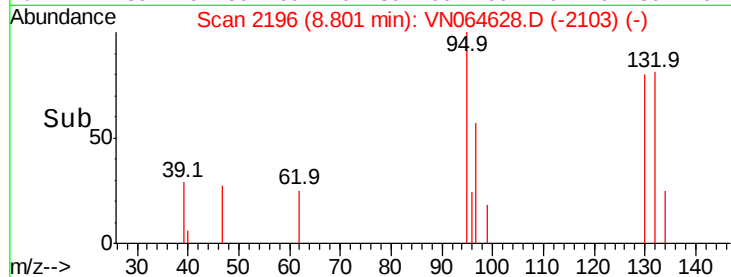
200

0

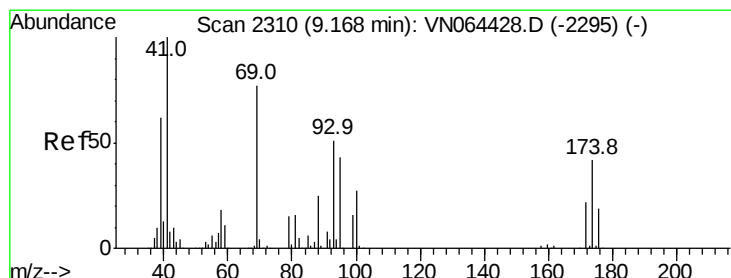
8.75

8.80

8.85



Time-->



#49

1,4-Dioxane

Concen: 31.954 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

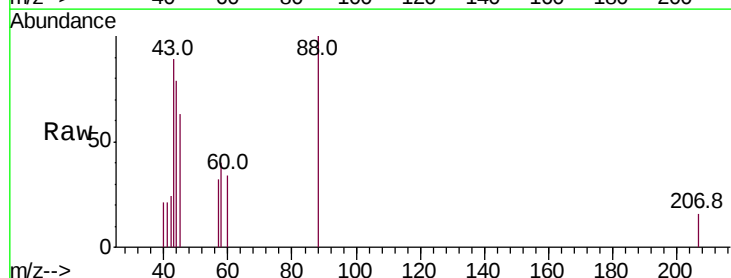
Tgt Ion: 88 Resp: 1741

Ion Ratio Lower Upper

88 100

43 24.1 31.0 46.6#

58 45.1 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

1500

1000

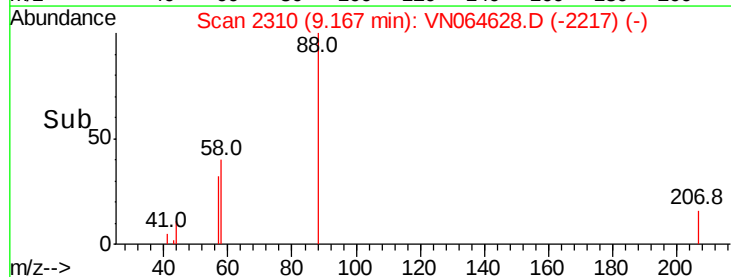
500

0

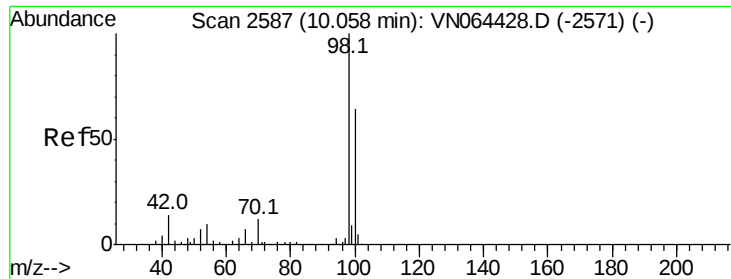
9.15

9.17

9.20



Time-->



#50

Toluene-d8

Concen: 47.789 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

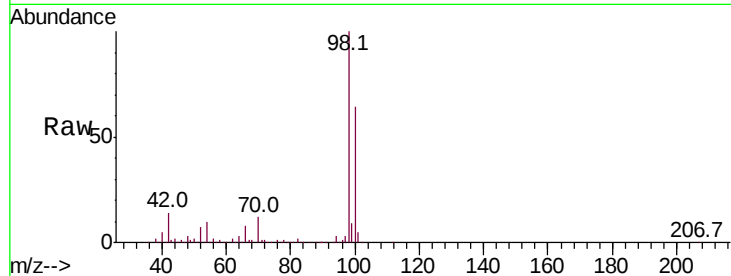
BP-VPB178-GW-538-540

Tot Ion: 98 Resp: 602170

Ion Ratio Lower Upper

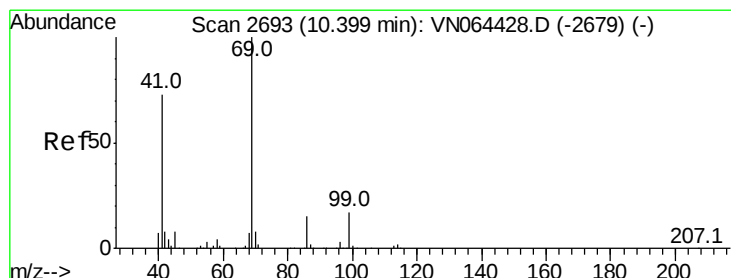
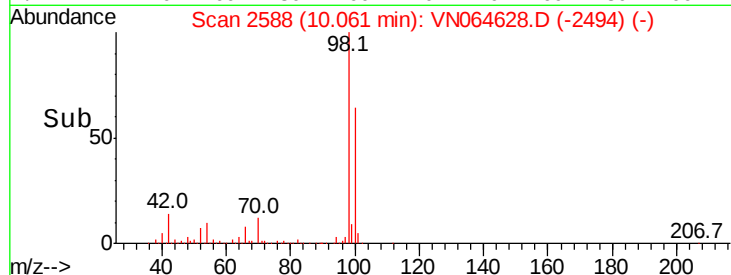
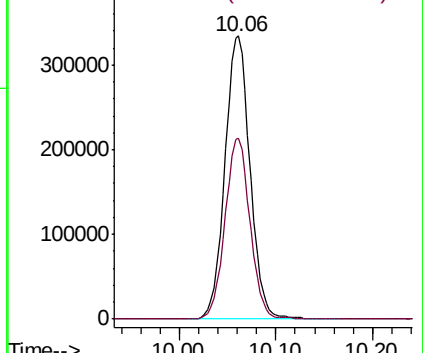
98 100

100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#56

Ethyl methacrylate

Concen: 1.846 ug/l

RT: 10.14 min Scan# 2612

Delta R.T. -0.26 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

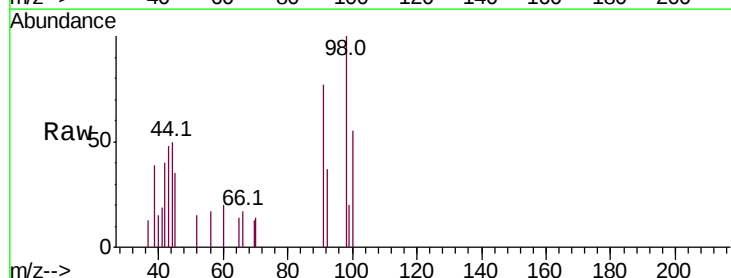
Tgt Ion: 69 Resp: 31

Ion Ratio Lower Upper

69 100

41 825.8 59.3 88.9#

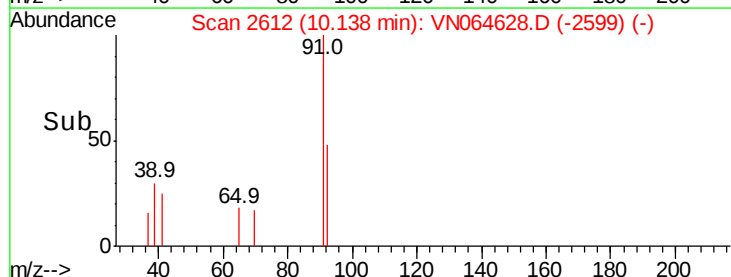
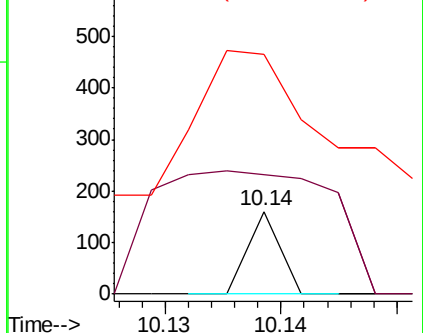
39 1487.1 35.4 53.0#

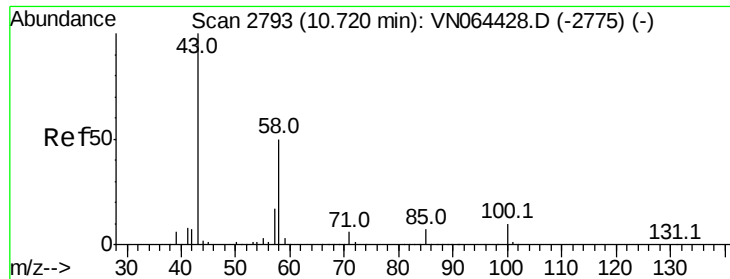


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 4.059 ug/l

RT: 10.73 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

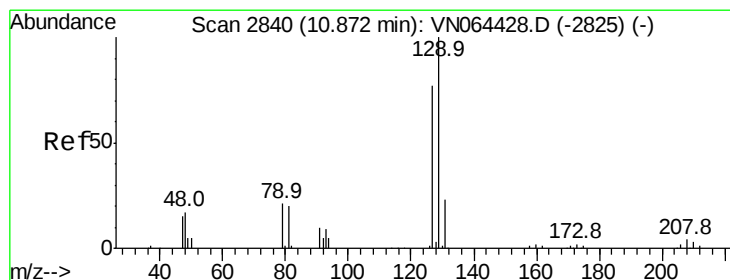
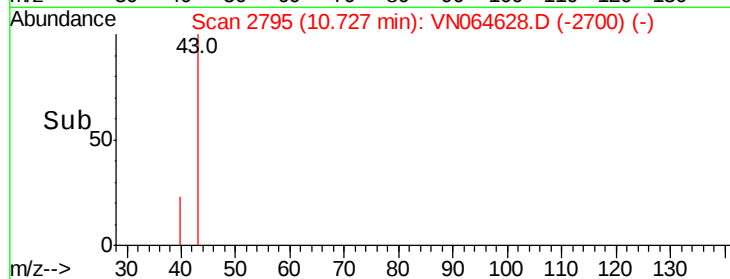
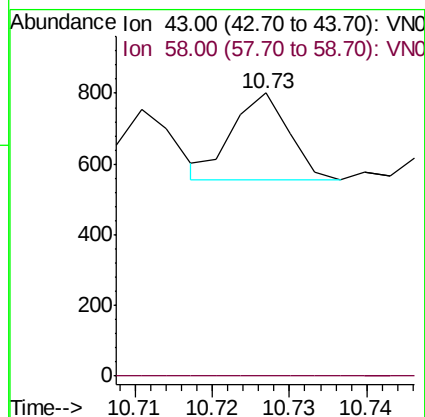
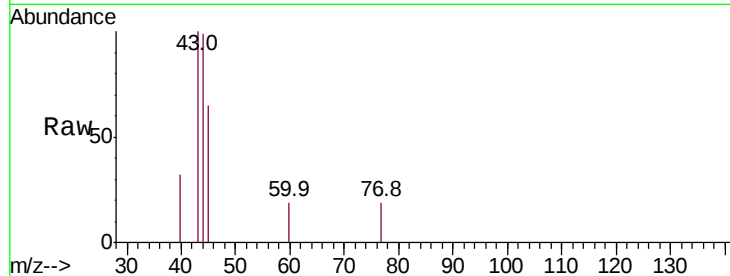
BP-VPB178-GW-538-540

Tot Ion: 43 Resp: 124

Ion Ratio Lower Upper

43 100

58 0.0 24.7 74.1#



#60

Dibromochloromethane

Concen: 0.412 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN064628.D

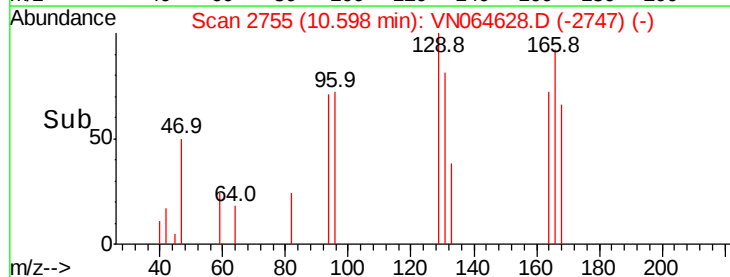
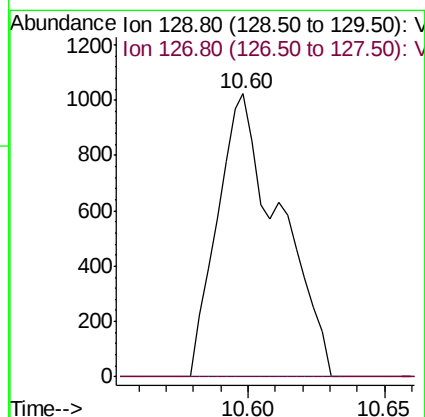
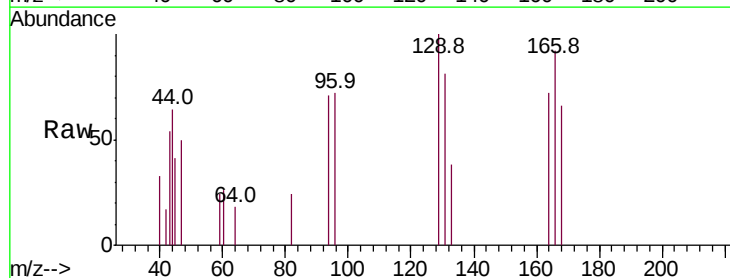
Acq: 13 Nov 2020 13:48

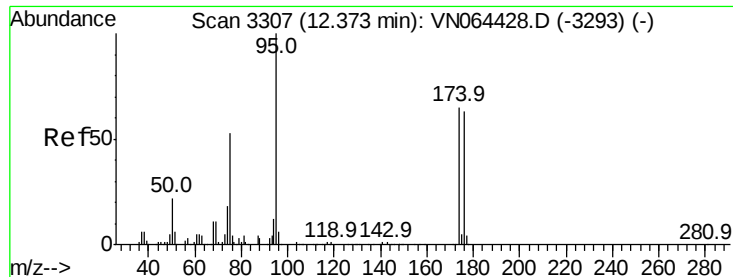
Tgt Ion: 129 Resp: 1632

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 45.719 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-538-540

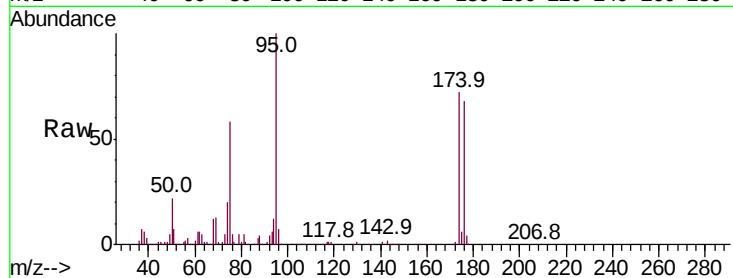
Tot Ion: 95 Resp: 217871

Ion Ratio Lower Upper

95 100

174 71.9 0.0 132.6

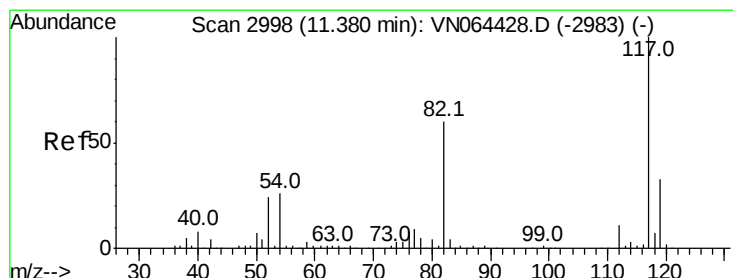
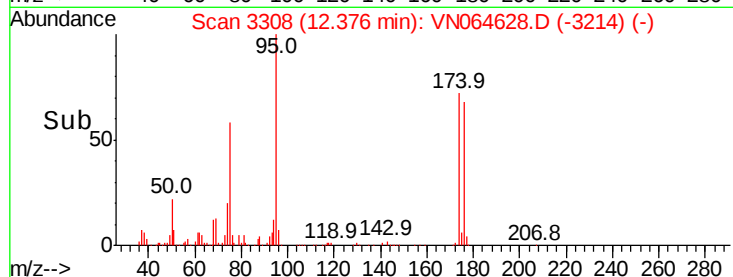
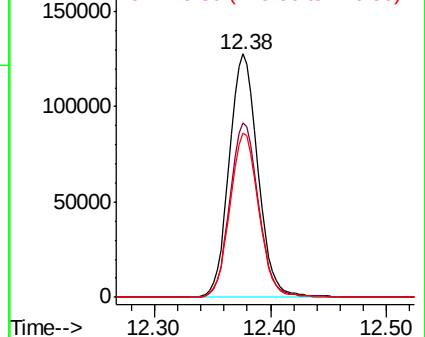
176 67.4 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

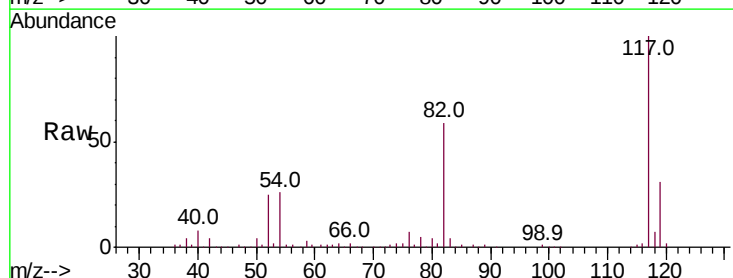
Tgt Ion: 117 Resp: 481163

Ion Ratio Lower Upper

117 100

82 59.3 48.1 72.1

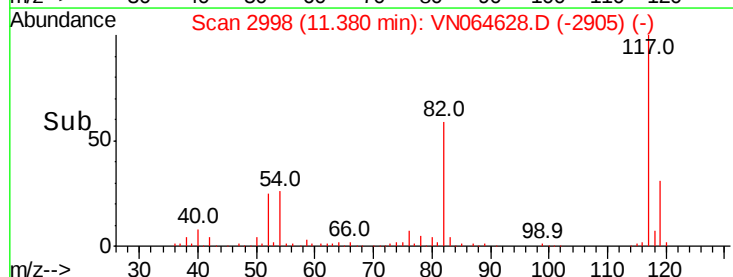
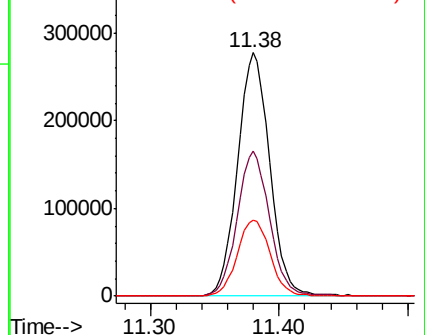
119 31.4 26.2 39.4

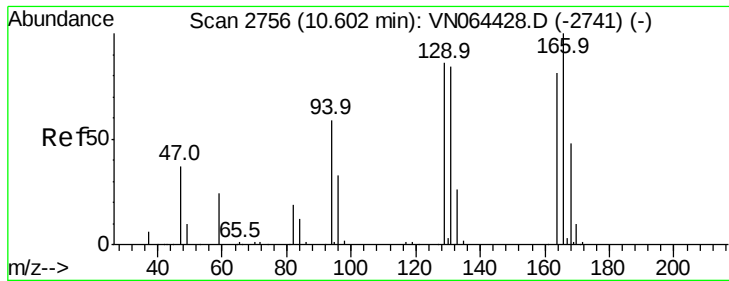


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 0.379 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-538-540

Tot Ion:164 Resp: 1403

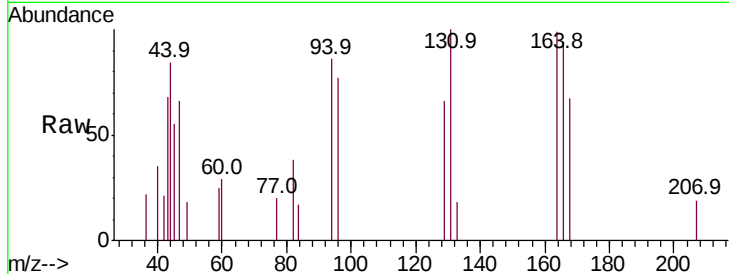
Ion Ratio Lower Upper

164 100

166 95.0 98.2 147.2#

129 66.7 84.6 127.0#

131 100.5 82.2 123.2



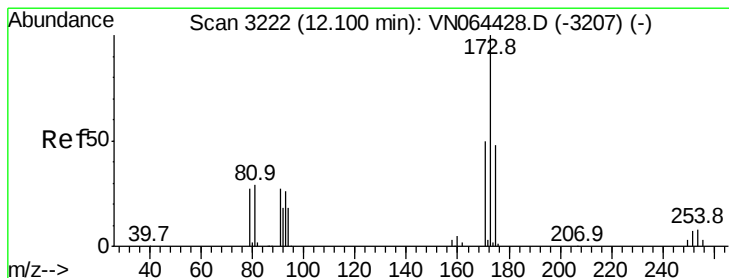
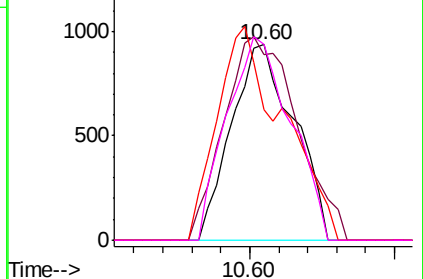
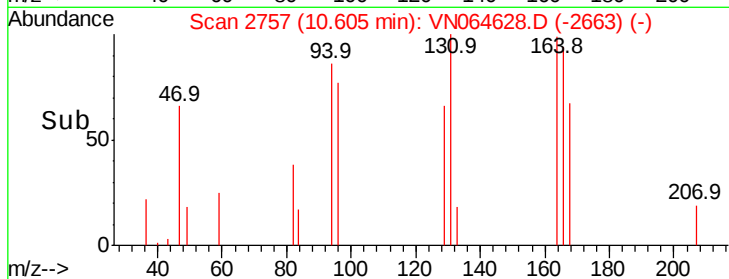
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#71

Bromoform

Concen: 1.486 ug/l

RT: 12.37 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

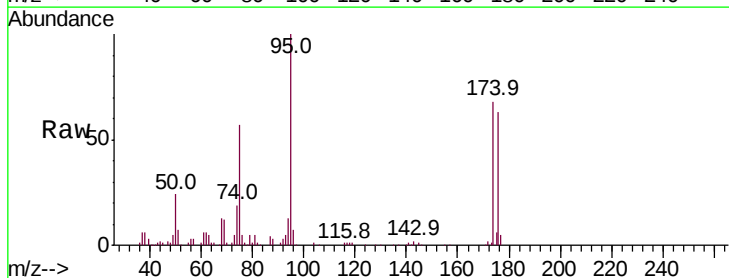
Tgt Ion:173 Resp: 638

Ion Ratio Lower Upper

173 100

175 1599.2 23.7 71.1#

254 0.0 0.0 0.0

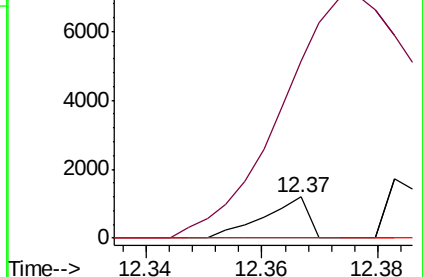
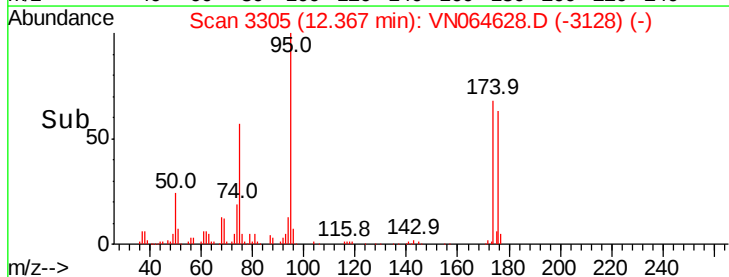


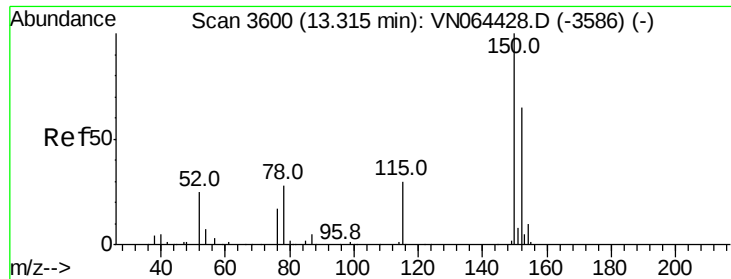
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-538-540

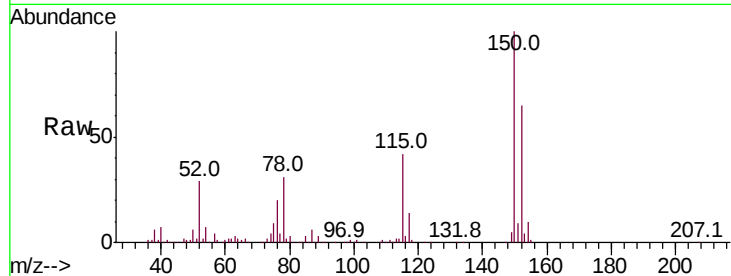
Tot Ion:152 Resp: 173805

Ion Ratio Lower Upper

152 100

115 66.1 32.0 96.0

150 158.0 0.0 353.8

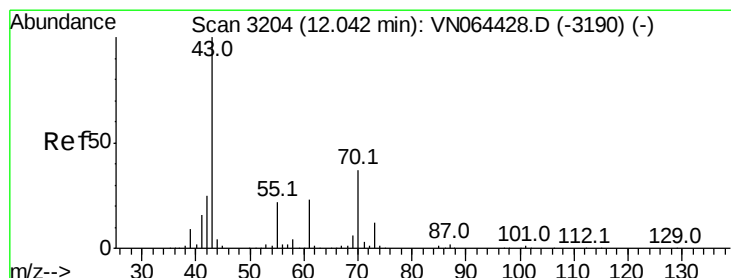
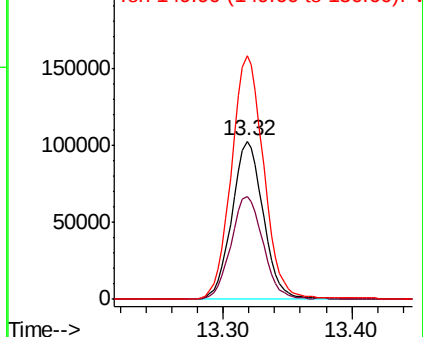
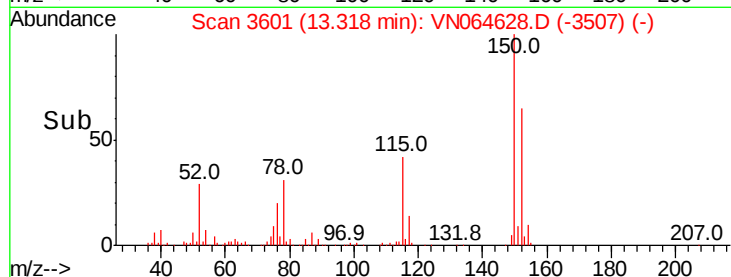


Abundance

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



#74

N-ethyl acetate

Concen: 1.235 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Tgt Ion: 43 Resp: 141

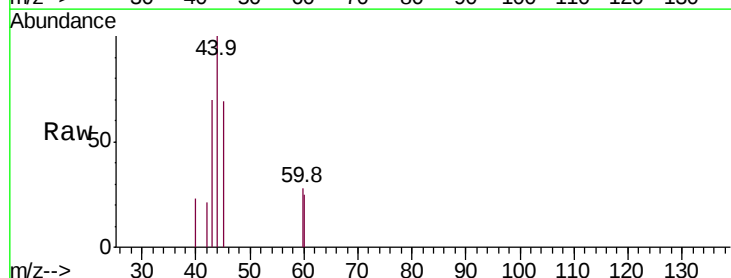
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 22.0 18.4 27.6

61 0.0 17.8 26.6#



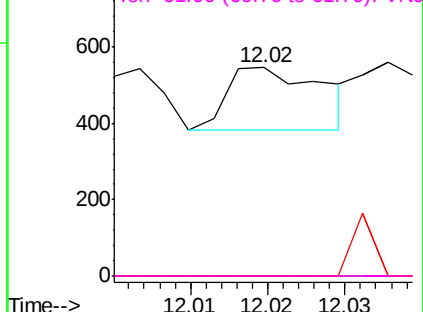
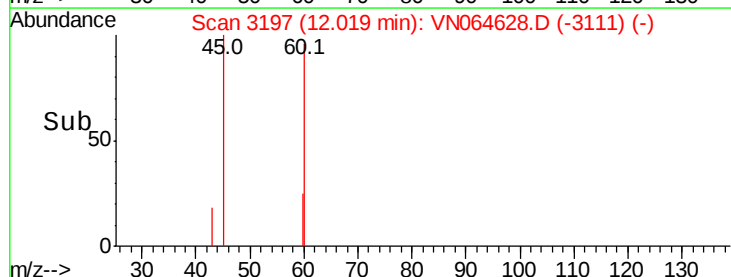
Abundance

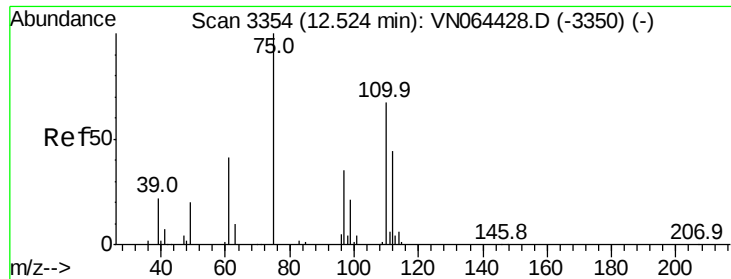
Ion 43.00 (42.70 to 43.70): V

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: 30.030 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

Instrument :

MSVOA_N

ClientSampleId :

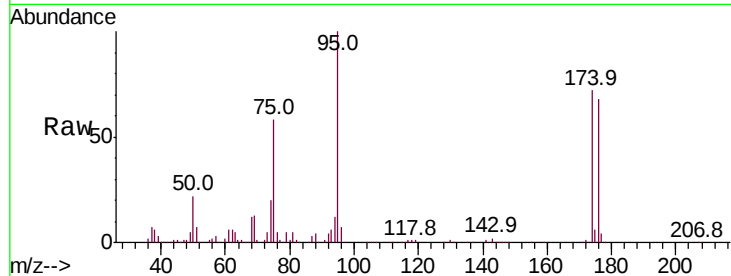
BP-VPB178-GW-538-540

Tot Ion: 75 Resp: 126462

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

80000

60000

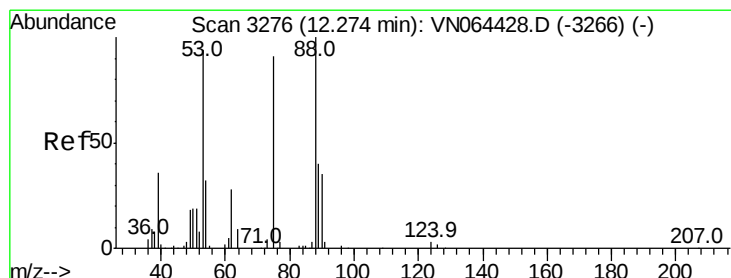
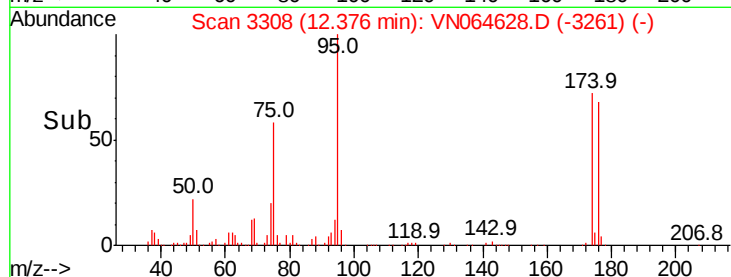
40000

20000

0

Time-->

12.30 12.40



#81

trans-1,4-Dichloro-2-butene

Concen: 83.848 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064628.D

Acq: 13 Nov 2020 13:48

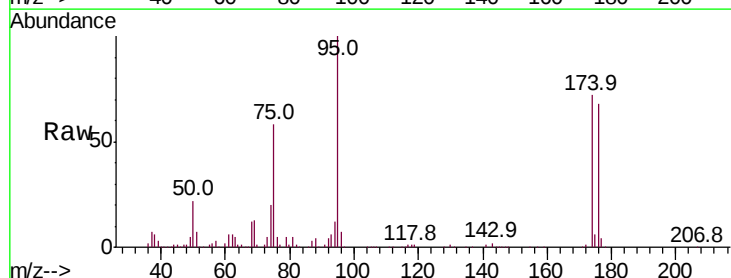
Tgt Ion: 75 Resp: 126462

Ion Ratio Lower Upper

75 100

53 0.4 84.0 126.0#

89 0.1 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

100000

80000

60000

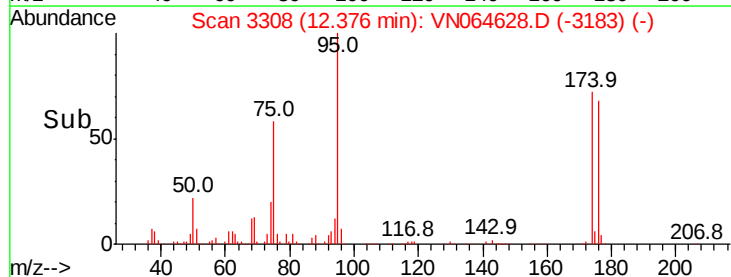
40000

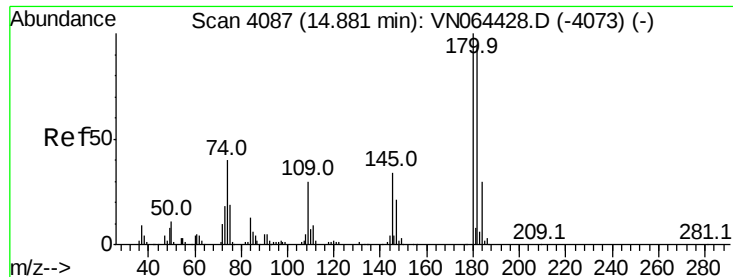
20000

0

Time-->

12.30 12.40

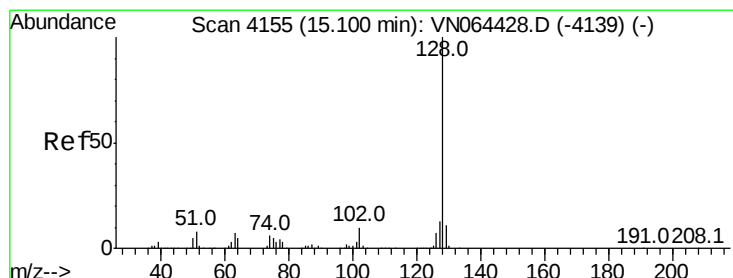
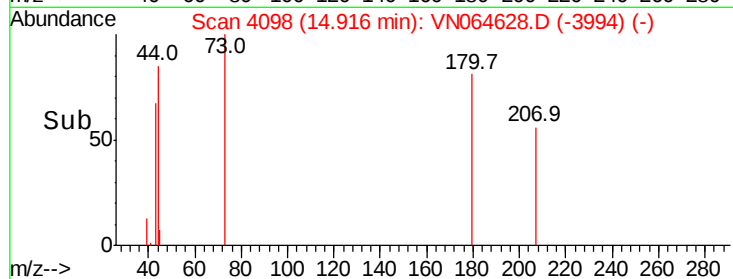
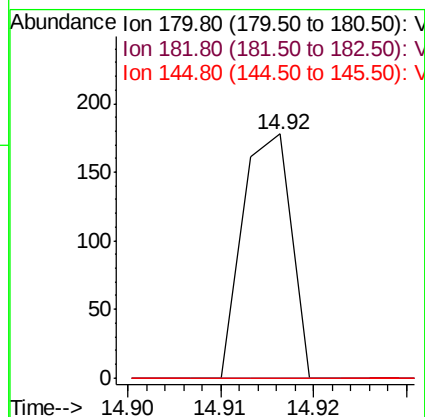
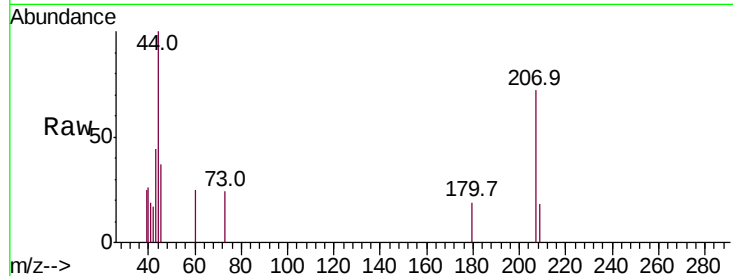




#93
 1,2,4-Trichlorobenzene
 Concen: 2.686 ug/l
 RT: 14.92 min Scan# 4098
 Delta R.T. 0.04 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-538-540

Tot Ion:180 Resp: 65
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 0.0 16.7 50.1#



#95
 Naphthalene
 Concen: 3.710 ug/l
 RT: 15.11 min Scan# 4158
 Delta R.T. 0.01 min
 Lab File: VN064628.D
 Acq: 13 Nov 2020 13:48

Tgt Ion:128 Resp: 893
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.8 13.2#

