

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064529.D
 Acq On : 10 Nov 2020 16:36
 Operator : JC/MD
 Sample : L4684-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-458-460

Quant Time: Nov 11 01:50:29 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	250318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	512375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	529419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195866	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	237072	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
35) Dibromofluoromethane	7.55	113	176608	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
50) Toluene-d8	10.06	98	646487	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.38	95	256107	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	801	0.202	ug/l #	83
11) Tert butyl alcohol	4.76	59	26172	54.430	ug/l	99
12) 1,1-Dichloroethene	3.69	96	19120	7.142	ug/l	90
13) Acrolein	3.43	56	402	1.348	ug/l #	1
14) Allyl chloride	4.36	41	4591	0.877	ug/l #	76
15) Acrylonitrile	4.96	53	452	0.338	ug/l #	17
16) Acetone	3.76	43	36769	22.138	ug/l #	62
18) Methyl Acetate	4.34	43	3169	0.971	ug/l #	55
20) Methylene Chloride	4.51	84	5105	1.549	ug/l #	82
22) Diisopropyl ether	5.91	45	10277	0.924	ug/l #	83
24) 1,1-Dichloroethane	5.80	63	152853	25.022	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	1167	0.331	ug/l	62
31) Cyclohexane	7.62	56	13474	2.542	ug/l #	51
32) 1,1,1-Trichloroethane	7.54	97	3875	0.680	ug/l #	37
36) 1,1-Dichloropropene	7.63	75	24960	4.611	ug/l #	52
37) Ethyl Acetate	6.88	43	36	0.769	ug/l #	71
38) Carbon Tetrachloride	7.63	117	29091	5.029	ug/l #	18
40) Benzene	8.00	78	3567757	224.306	ug/l	99
42) 1,2-Dichloroethane	8.09	62	120591	18.787	ug/l	97
43) Isopropyl Acetate	8.11	43	8065	0.919	ug/l #	1
44) Trichloroethene	8.80	130	17702	4.411	ug/l	98
49) 1,4-Dioxane	9.17	88	1223	20.977	ug/l #	84
56) Ethyl methacrylate	10.41	69	193	1.871	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.68	63	173	21.592	ug/l #	51
59) 2-Hexanone	10.74	43	648	4.181	ug/l #	35
60) Dibromochloromethane	10.60	129	4001	0.945	ug/l #	10
64) Tetrachloroethene	10.60	164	3749	0.919	ug/l #	91
69) o-Xylene	11.92	106	27729	3.833	ug/l	98
70) Styrene	11.93	104	2617	0.215	ug/l #	1
71) Bromoform	12.11	173	78	1.299	ug/l #	29
73) Isopropylbenzene	12.23	105	79935	5.135	ug/l	99
74) N-amyl acetate	12.03	43	303	1.254	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	143834	30.308	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.87	105	56295	4.383	ug/l	76

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064529.D
Acq On : 10 Nov 2020 16:36
Operator : JC/MD
Sample : L4684-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

Quant Time: Nov 11 01:50:29 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

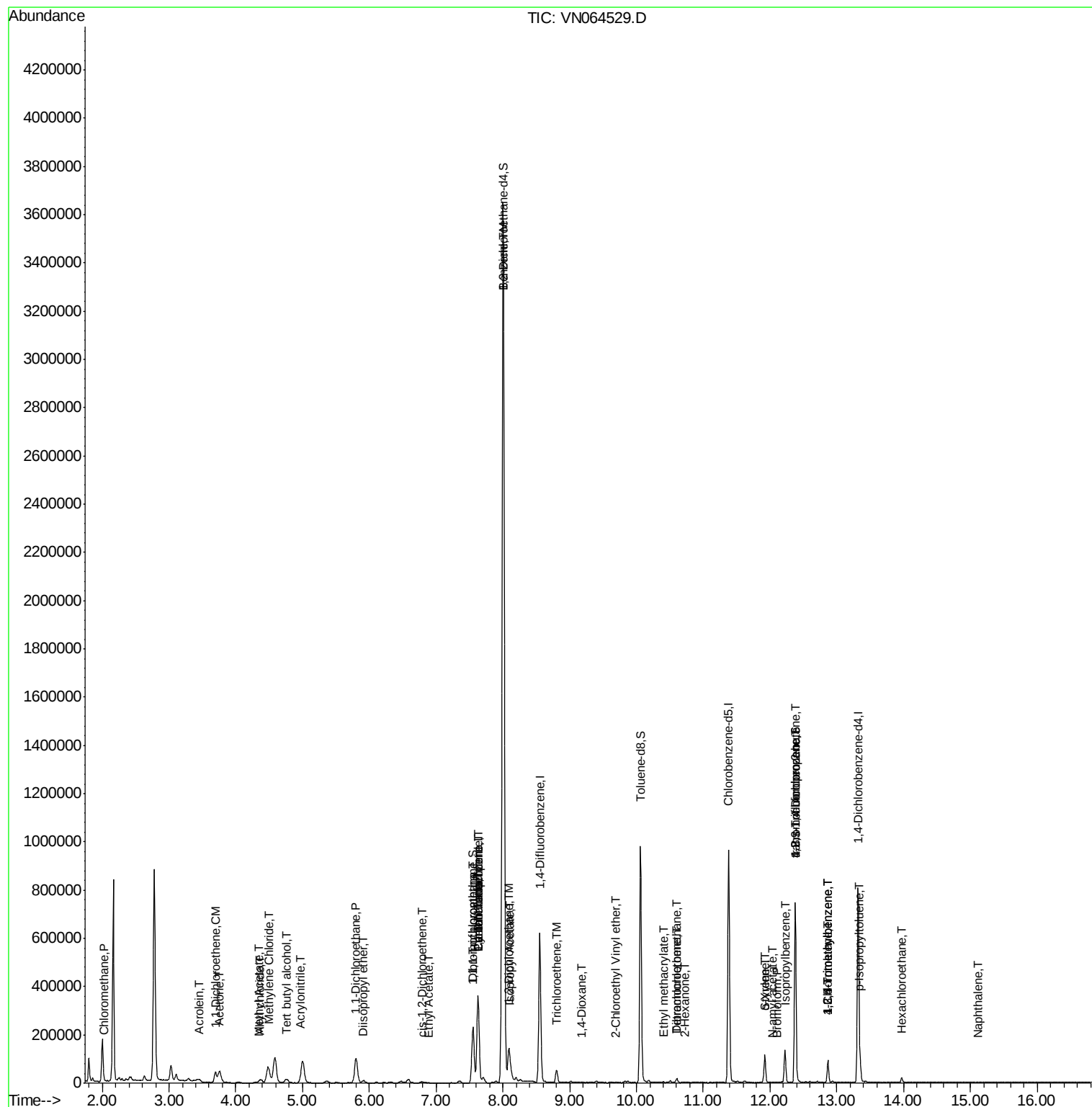
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.38	75	143834	84.625	uq/l #	8
82) 4-Chlorotoluene	12.86	91	7886	0.669	uq/l #	44
84) 1,2,4-Trimethylbenzene	12.87	105	56295	4.360	uq/l	79
86) p-Isopropyltoluene	13.35	119	4957	0.434	uq/l #	1
90) Hexachloroethane	13.97	117	9530	4.323	uq/l #	18
95) Naphthalene	15.12	128	434	3.660	uq/l #	69

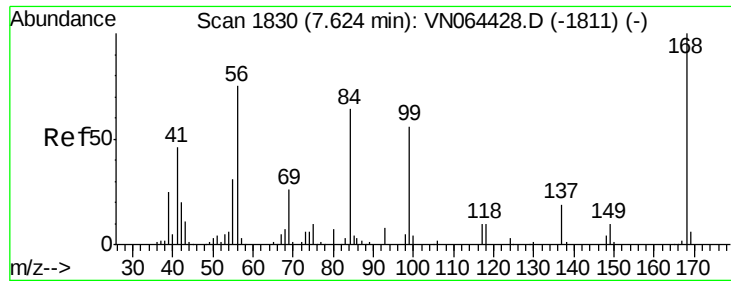
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064529.D
Acq On : 10 Nov 2020 16:36
Operator : JC/MD
Sample : L4684-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

Quant Time: Nov 11 01:50:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

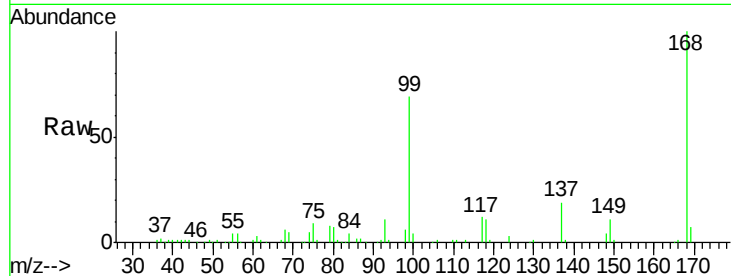
BP-VPB178-GW-458-460

Tot Ion:168 Resp: 250318

Ion Ratio Lower Upper

168 100

99 69.1 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

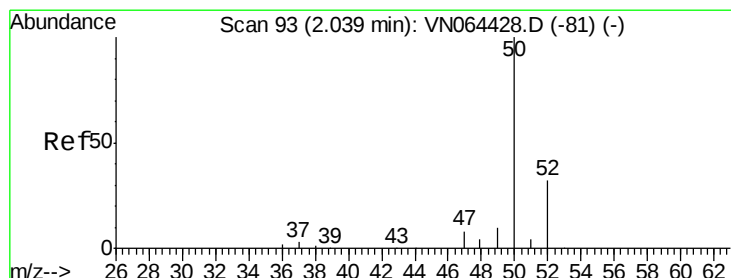
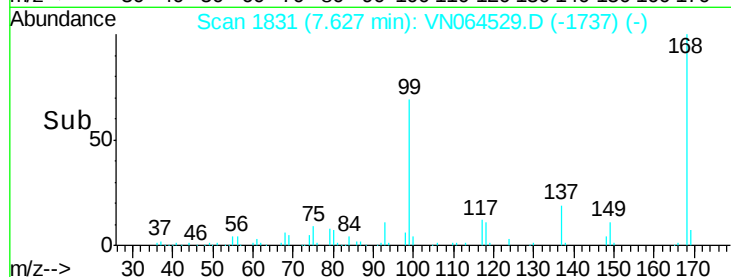
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.202 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064529.D

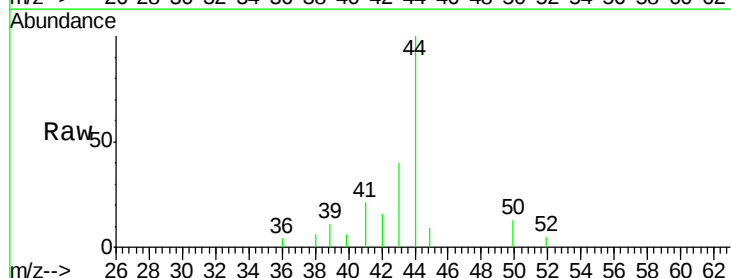
Acq: 10 Nov 2020 16:36

Tgt Ion: 50 Resp: 801

Ion Ratio Lower Upper

50 100

52 40.9 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VN064428.D (-81) (-)

Ion 51.90 (51.60 to 52.60): VN064428.D (-81) (-)

1200

1000

800

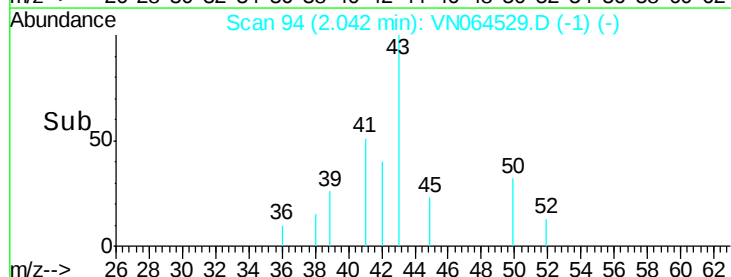
600

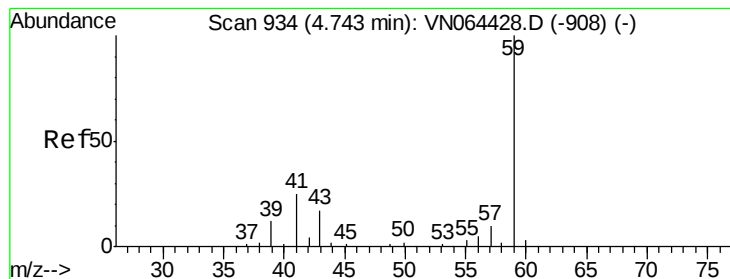
400

200

0

Time-->



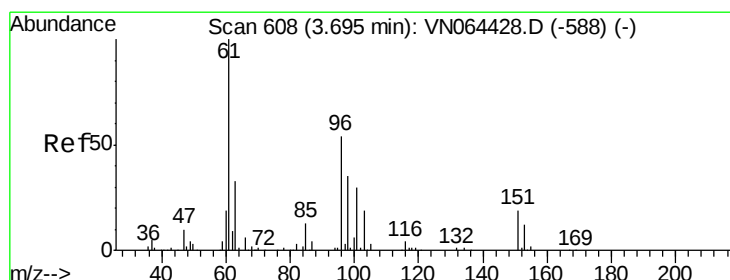
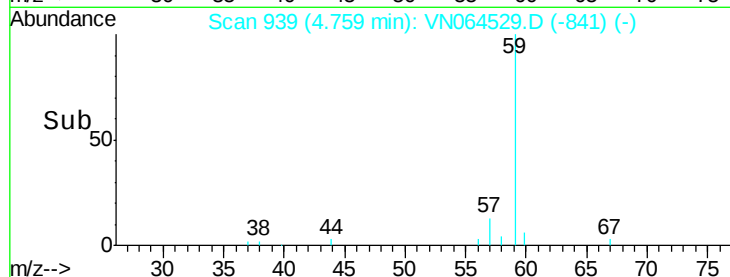
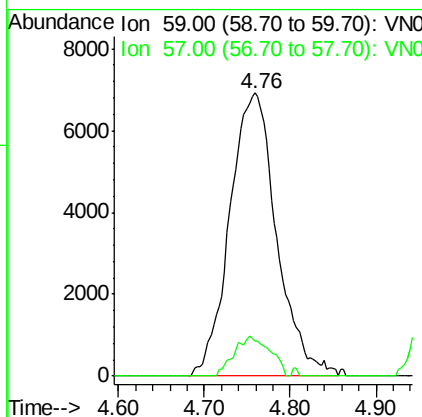
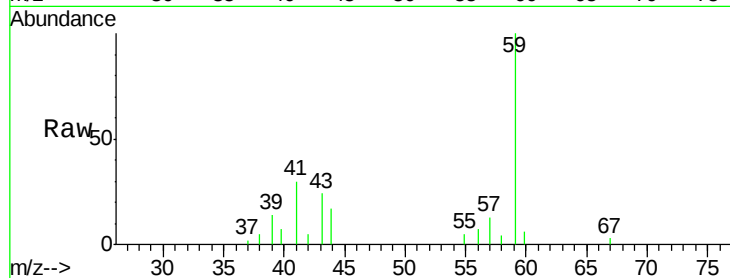


#11

Tert butyl alcohol
 Concen: 54.430 ug/l
 RT: 4.76 min Scan# 939
 Delta R.T. 0.02 min
 Lab File: VN064529.D
 Acq: 10 Nov 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-458-460

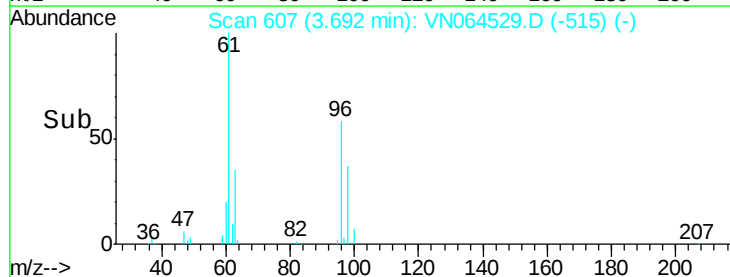
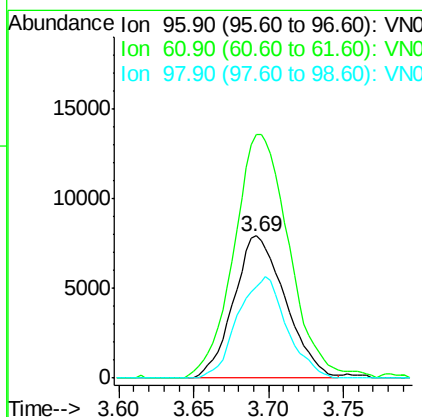
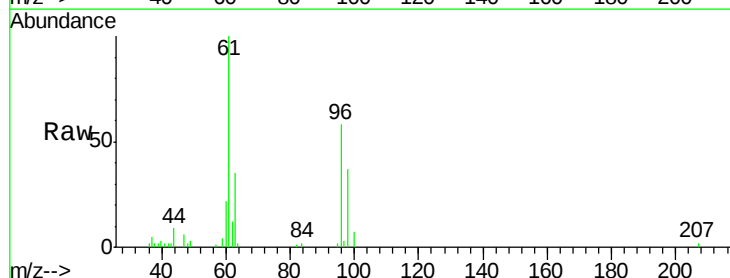
Tot Ion: 59 Resp: 26172
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.0 13.4

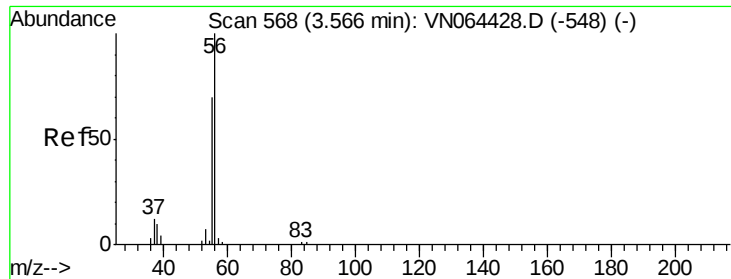


#12

1,1-Dichloroethene
 Concen: 7.142 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064529.D
 Acq: 10 Nov 2020 16:36

Tgt Ion: 96 Resp: 19120
 Ion Ratio Lower Upper
 96 100
 61 169.1 149.5 224.3
 98 64.1 52.4 78.6





#13

Acrolein

Concen: 1.348 ug/l

RT: 3.43 min Scan# 527

Delta R.T. -0.13 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

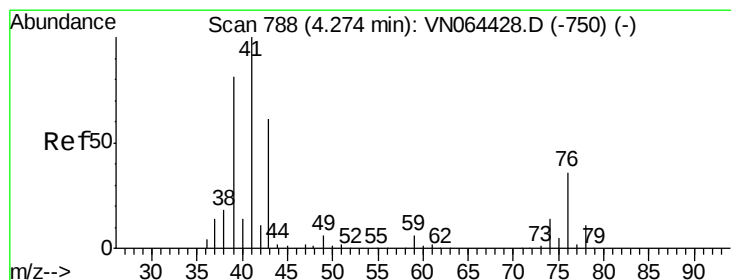
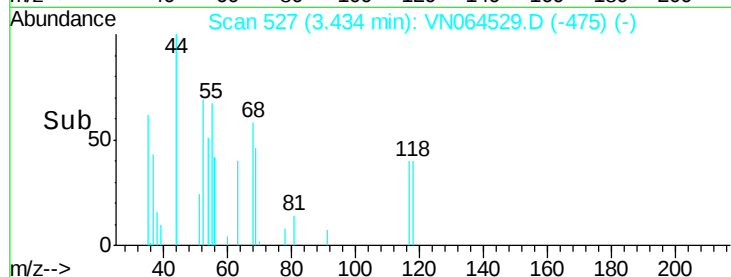
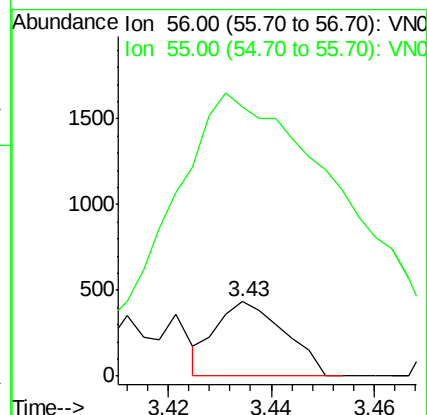
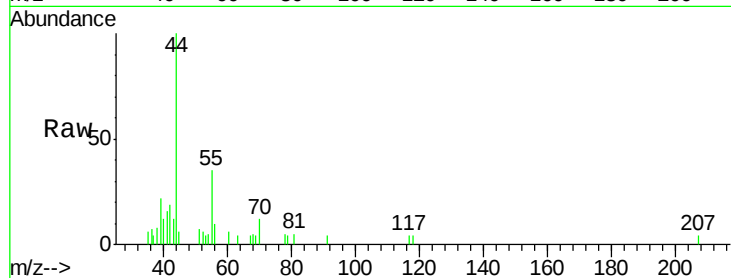
BP-VPB178-GW-458-460

Tot Ion: 56 Resp: 402

Ion Ratio Lower Upper

56 100

55 824.1 55.9 83.9#



#14

Allyl chloride

Concen: 0.877 ug/l

RT: 4.36 min Scan# 815

Delta R.T. 0.09 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

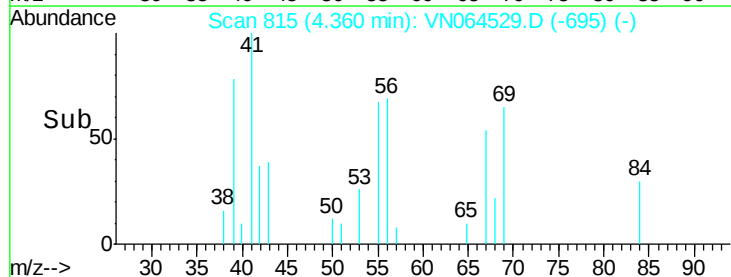
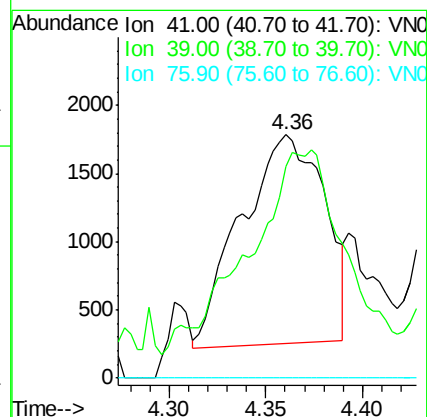
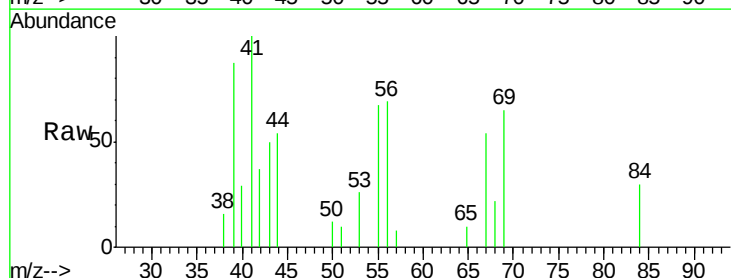
Tgt Ion: 41 Resp: 4591

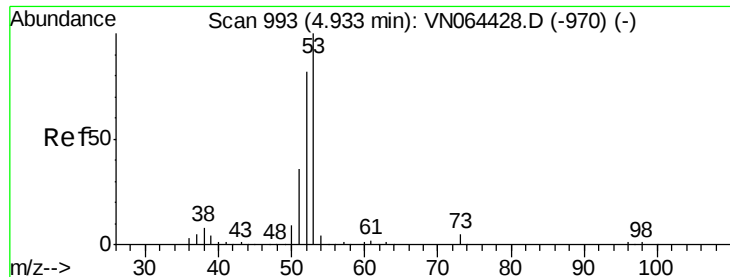
Ion Ratio Lower Upper

41 100

39 86.7 61.8 92.8

76 0.0 25.4 38.0#





#15

Acrylonitrile

Concen: 0.338 ug/l

RT: 4.96 min Scan# 1002

Delta R.T. 0.03 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-458-460

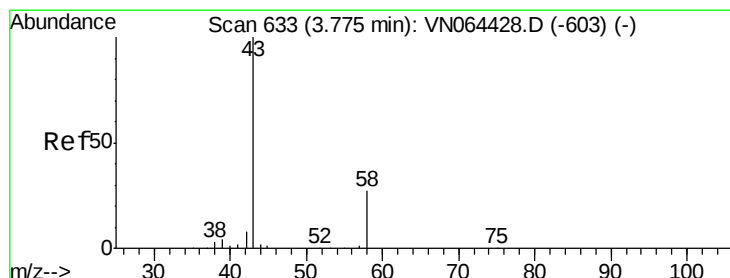
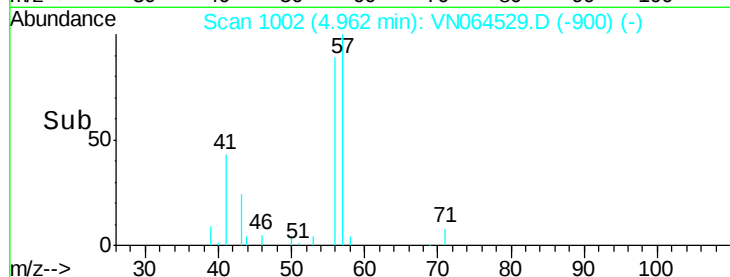
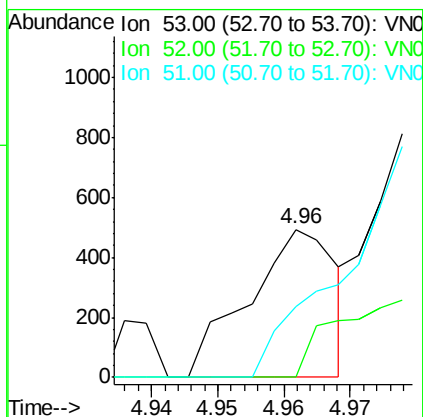
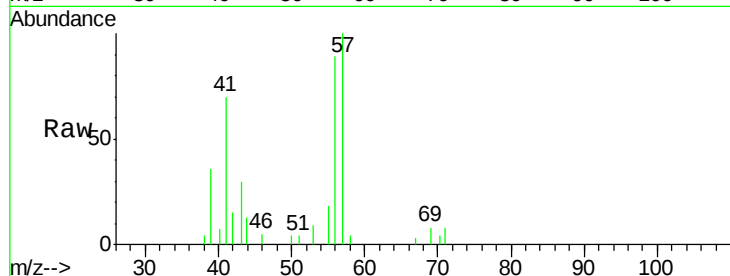
Tot Ion: 53 Resp: 452

Ion Ratio Lower Upper

53 100

52 0.0 65.6 98.4#

51 0.0 29.9 44.9#



#16

Acetone

Concen: 22.138 ug/l

RT: 3.76 min Scan# 627

Delta R.T. -0.02 min

Lab File: VN064529.D

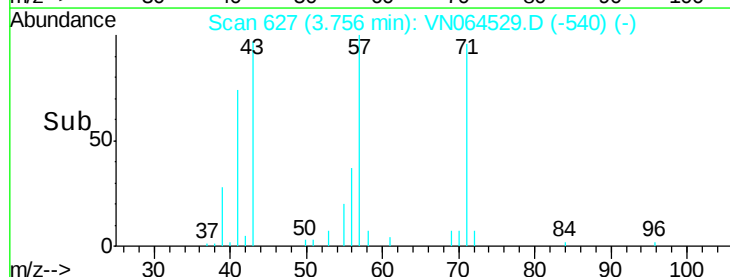
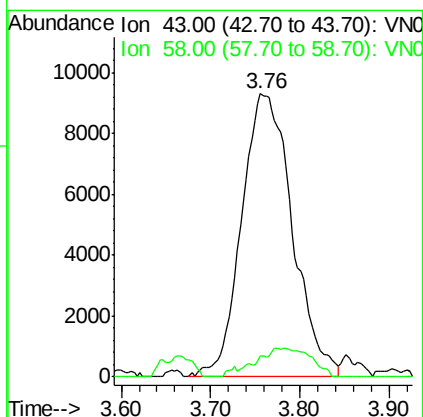
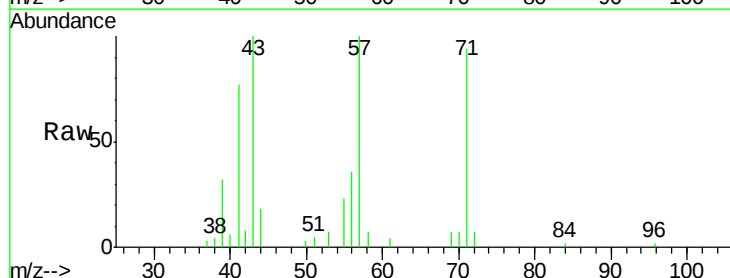
Acq: 10 Nov 2020 16:36

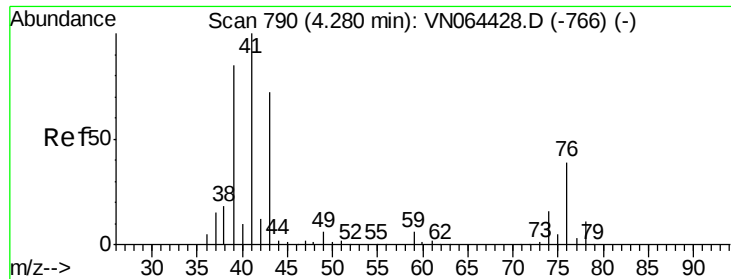
Tgt Ion: 43 Resp: 36769

Ion Ratio Lower Upper

43 100

58 7.2 21.4 32.0#

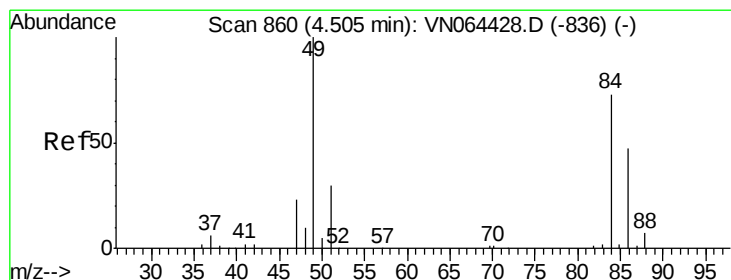
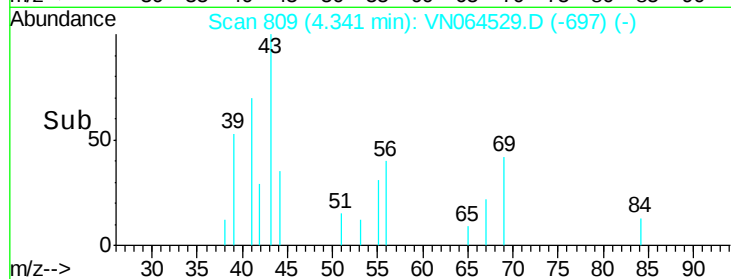
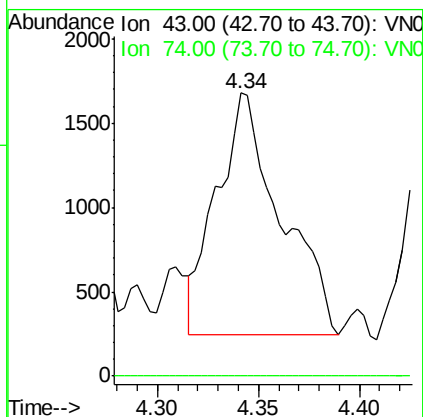
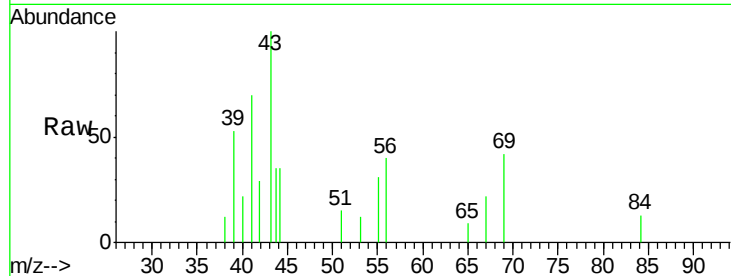




#18
Methvl Acetate
Concen: 0.971 ug/l
RT: 4.34 min Scan# 809
Delta R.T. 0.06 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

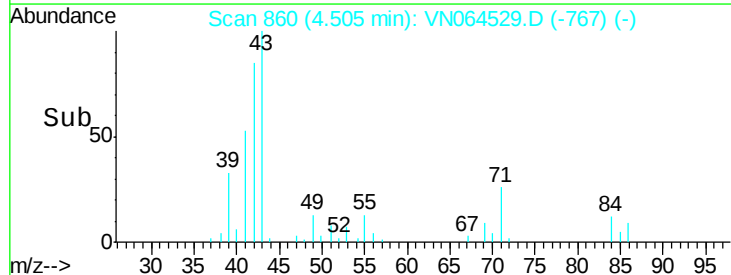
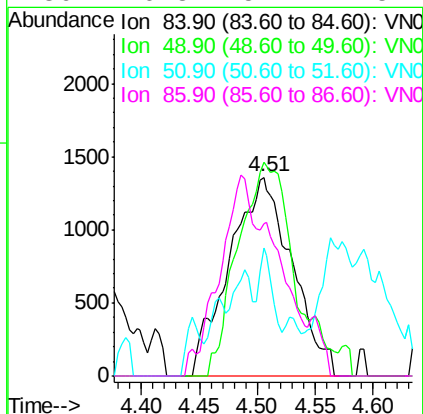
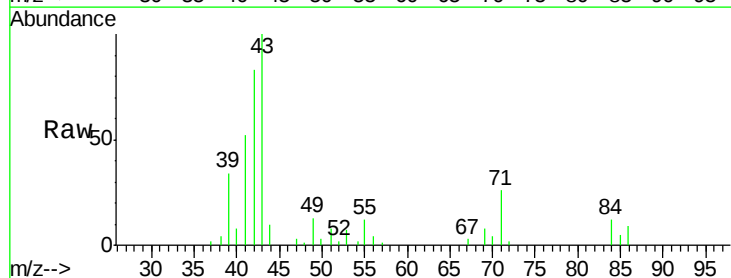
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

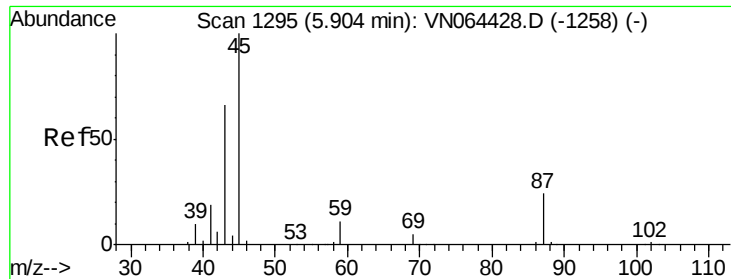
Tot Ion: 43 Resp: 3169
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#20
Methylene Chloride
Concen: 1.549 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Tgt Ion: 84 Resp: 5105
Ion Ratio Lower Upper
84 100
49 107.4 110.1 165.1#
51 40.6 33.6 50.4
86 76.8 52.1 78.1

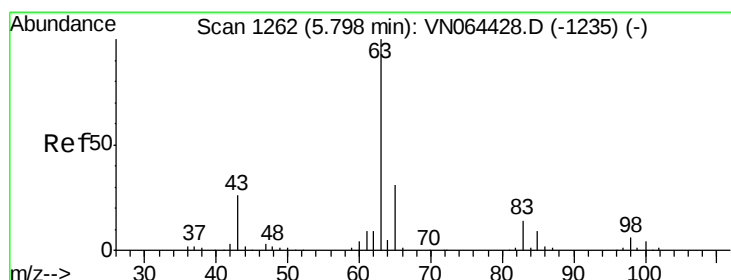
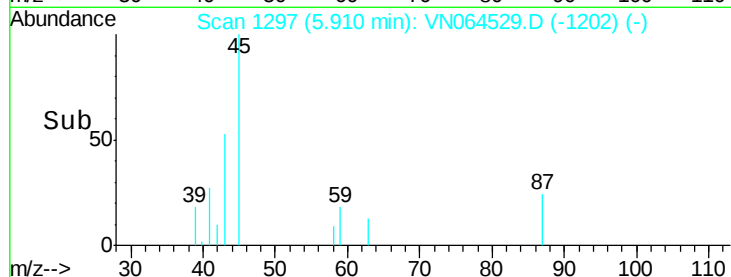
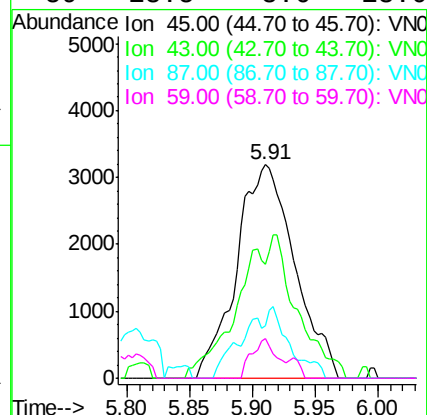
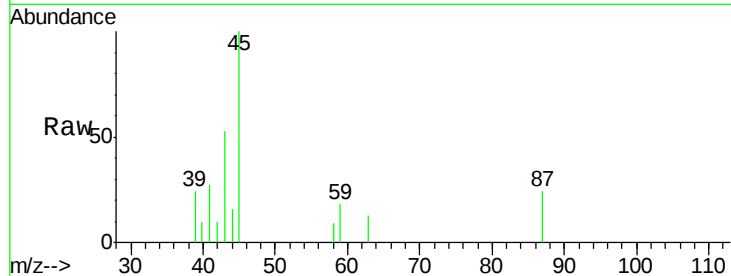




#22
Diisopropyl ether
Concen: 0.924 ug/l
RT: 5.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

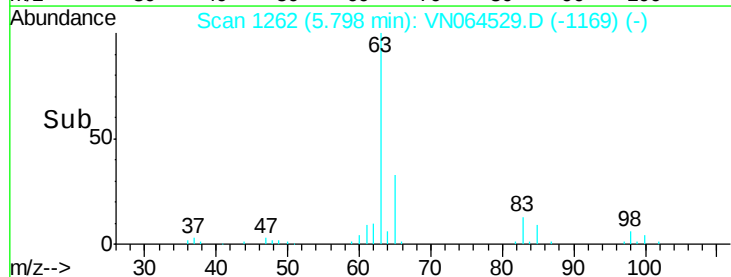
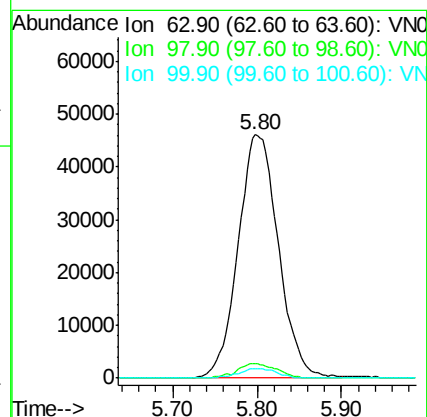
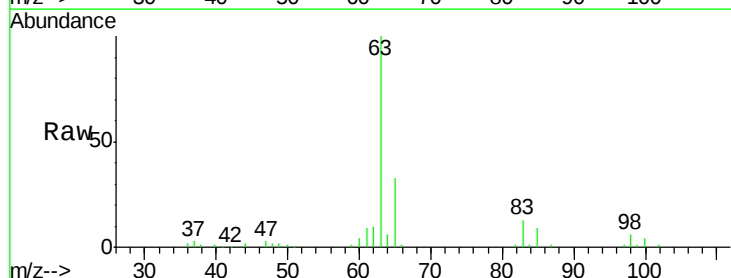
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

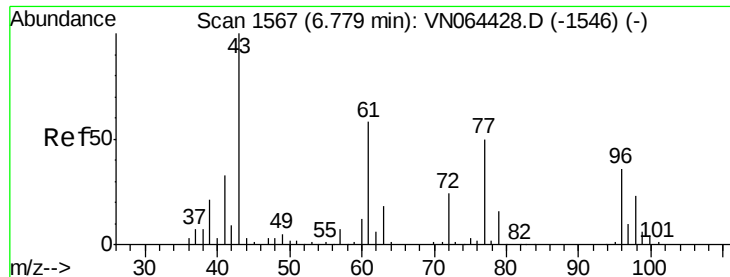
Tot Ion: 45 Resp: 10277
Ion Ratio Lower Upper
45 100
43 48.4 53.2 79.8#
87 24.4 19.9 29.9
59 18.5 8.6 13.0#



#24
1,1-Dichloroethane
Concen: 25.022 ug/l
RT: 5.80 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Tgt Ion: 63 Resp: 152853
Ion Ratio Lower Upper
63 100
98 6.2 3.0 9.2
100 3.6 1.8 5.3





#27

cis-1,2-Dichloroethene

Concen: 0.331 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-458-460

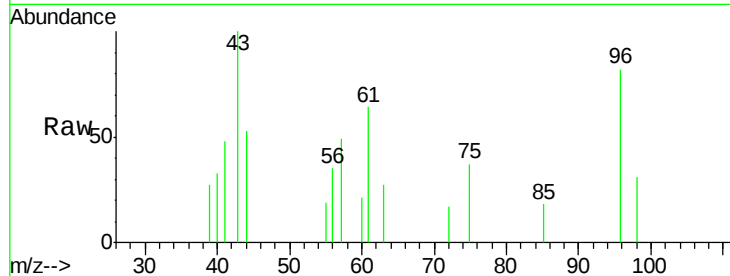
Tot Ion: 96 Resp: 1167

Ion Ratio Lower Upper

96 100

61 116.3 0.0 329.6

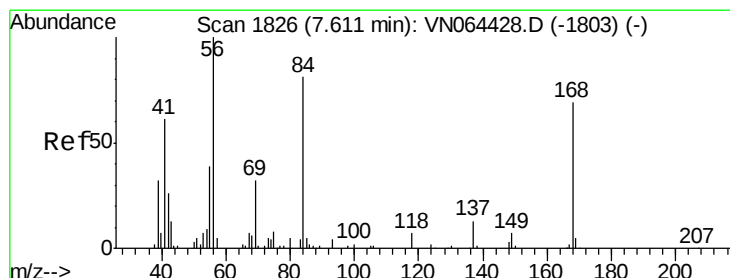
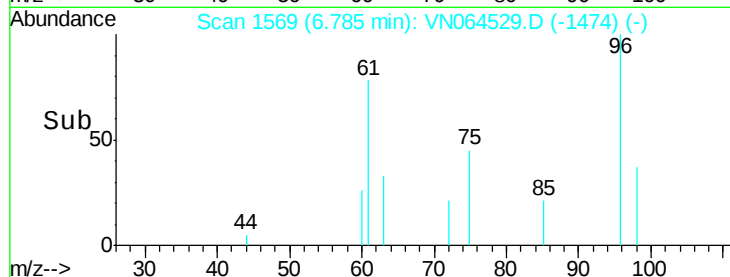
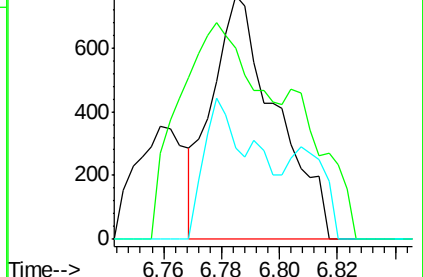
98 31.4 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)



#31

Cyclohexane

Concen: 2.542 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

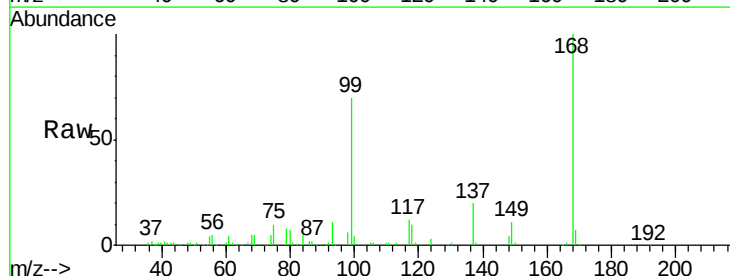
Tgt Ion: 56 Resp: 13474

Ion Ratio Lower Upper

56 100

69 106.1 25.6 38.4#

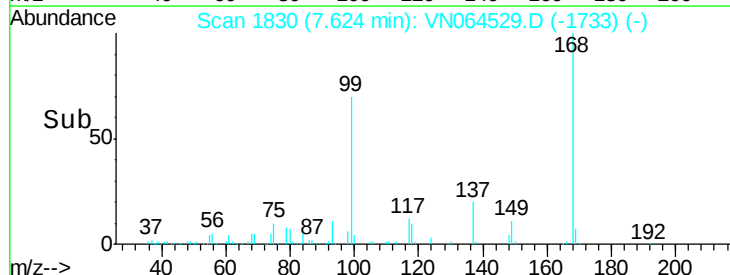
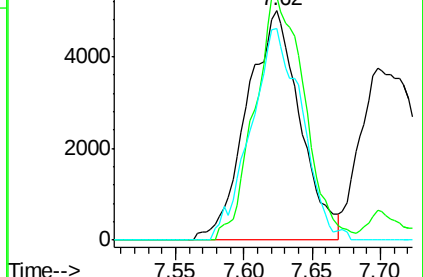
84 92.0 63.0 94.6

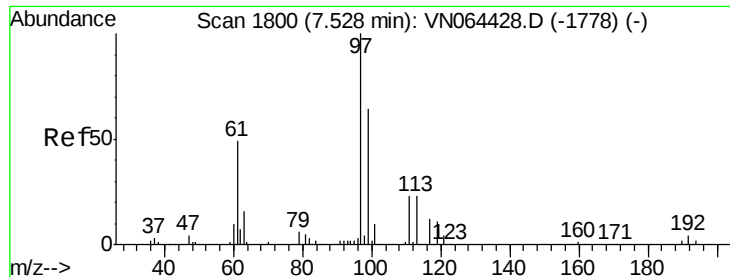


Abundance Ion 56.00 (55.70 to 56.70): VN064428.D (-1803) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-1803) (-)

Ion 84.00 (83.70 to 84.70): VN064428.D (-1803) (-)





#32

1,1,1-Trichloroethane

Concen: 0.680 ug/l

RT: 7.54 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-458-460

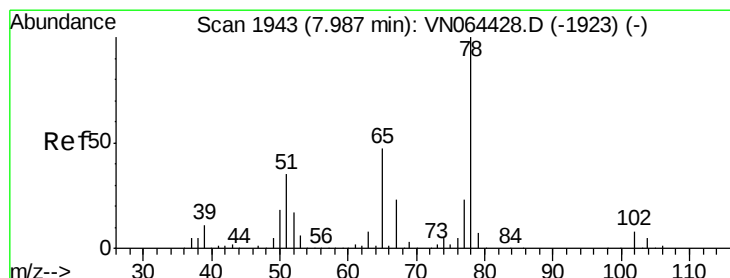
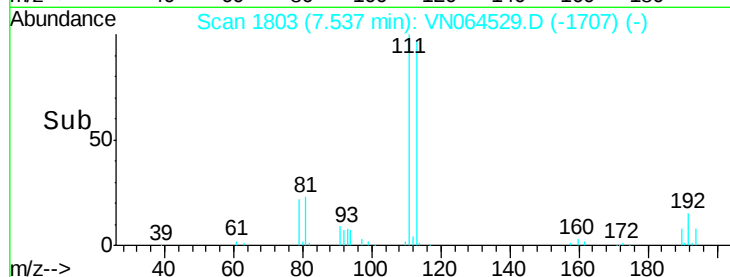
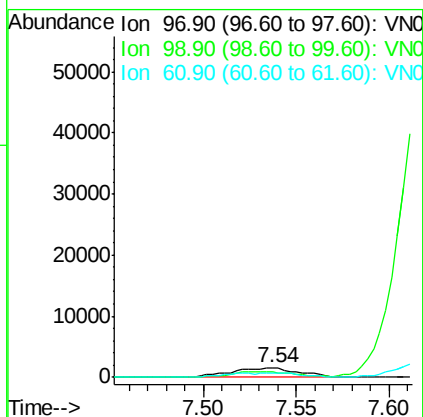
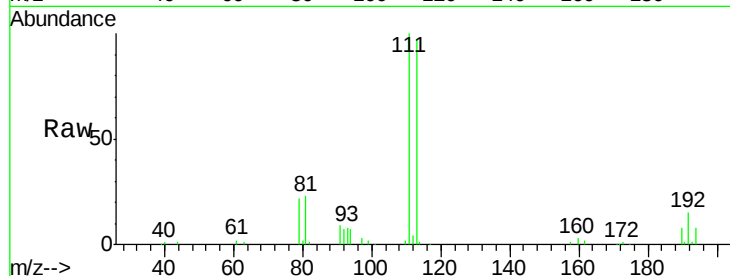
Tot Ion: 97 Resp: 3875

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 22.1 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 54.372 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064529.D

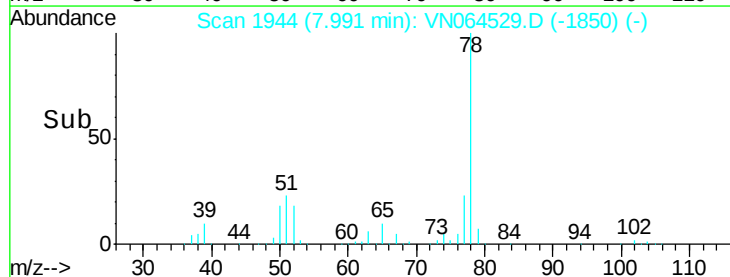
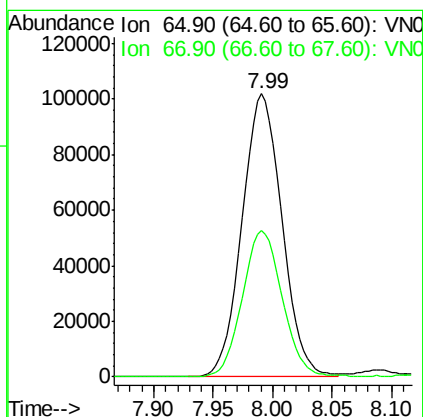
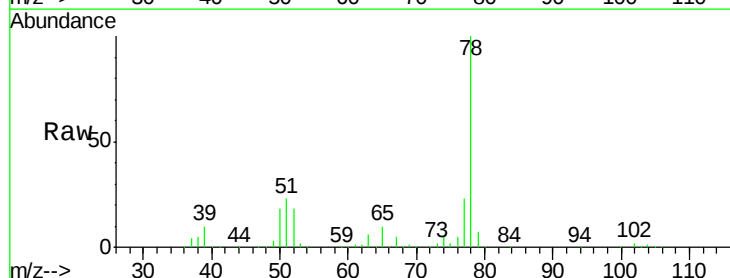
Acq: 10 Nov 2020 16:36

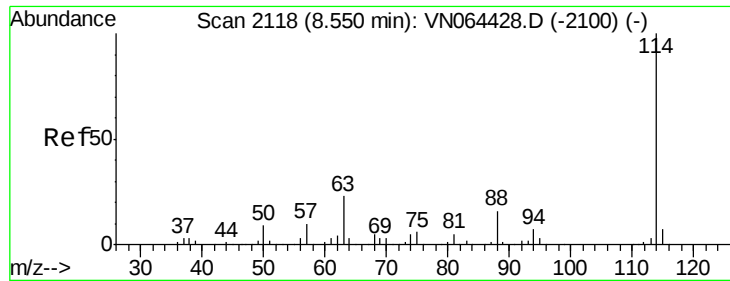
Tgt Ion: 65 Resp: 237072

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.6

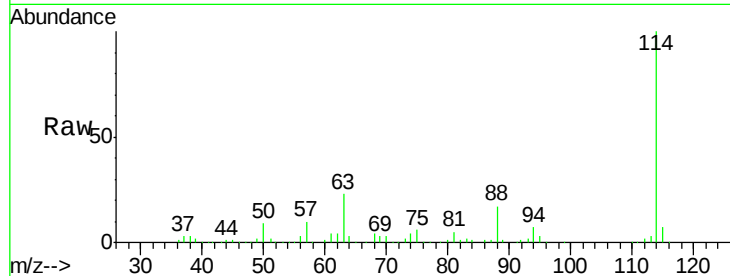




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

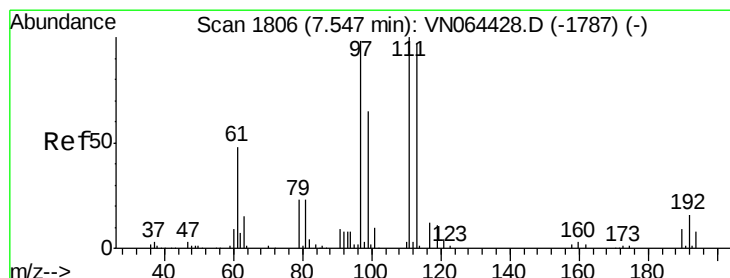
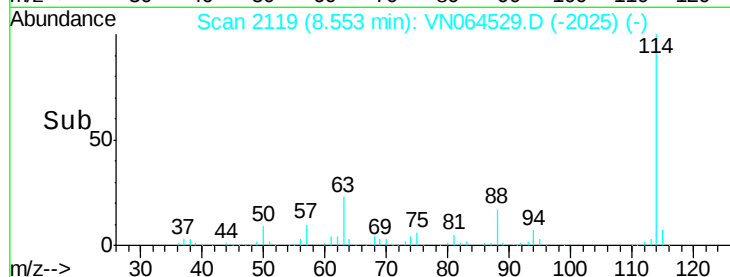
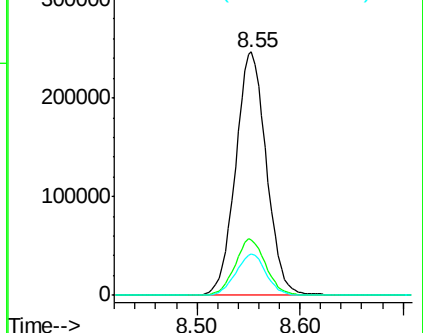
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.8	0.0	32.8



Abundance Ion 113.90 (113.60 to 114.60): V

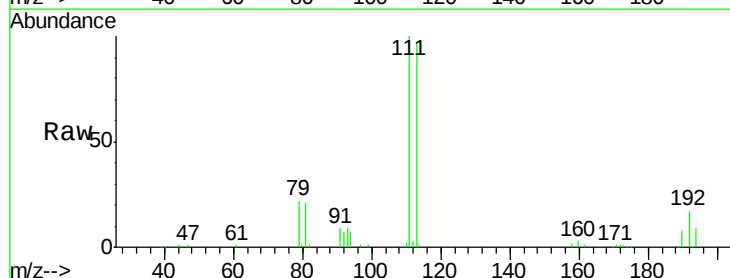
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 50.625 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

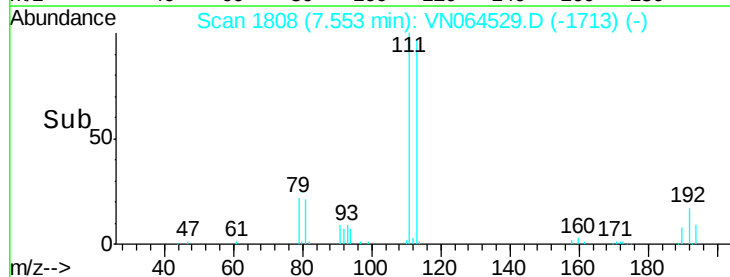
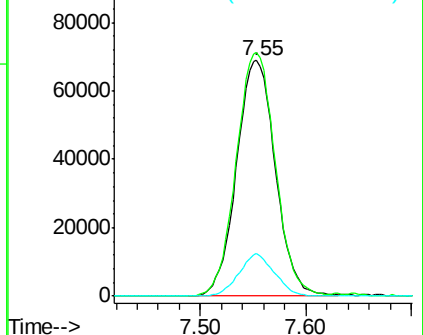
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.1	121.7
192	16.4	12.8	19.2

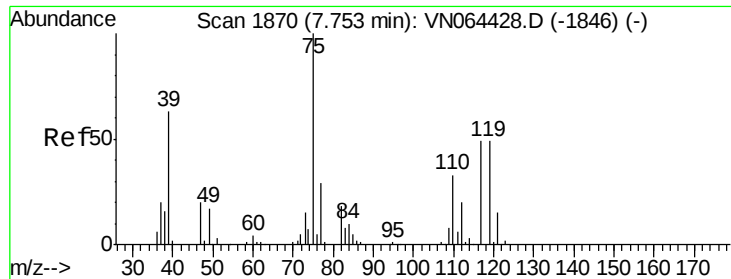


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

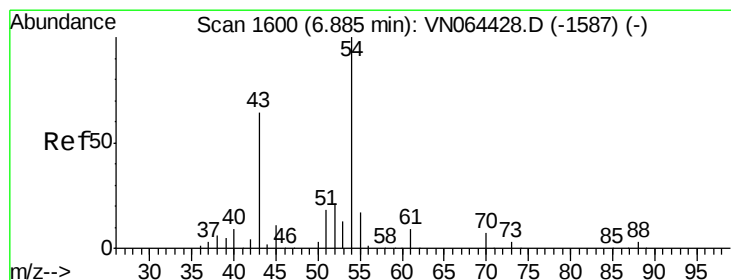
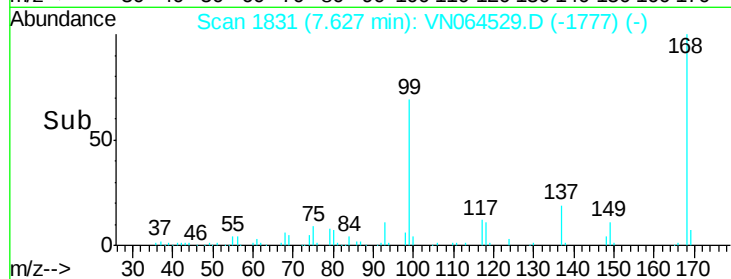
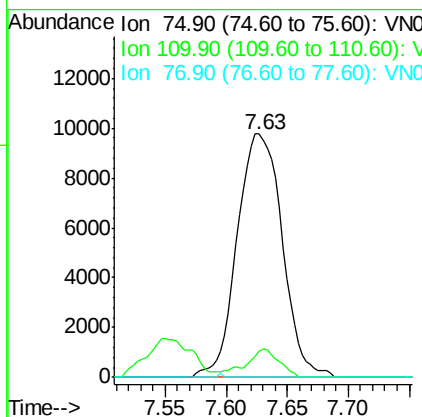
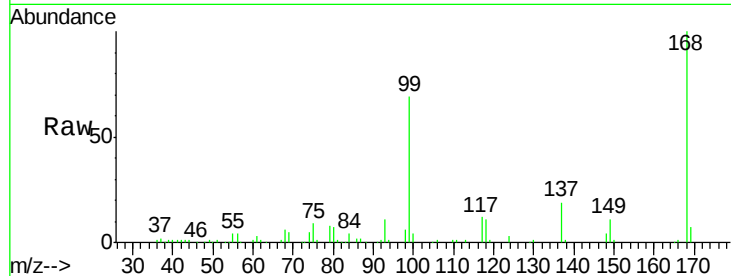




#36
 1,1-Dichloropropene
 Concen: 4.611 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064529.D
 Acq: 10 Nov 2020 16:36

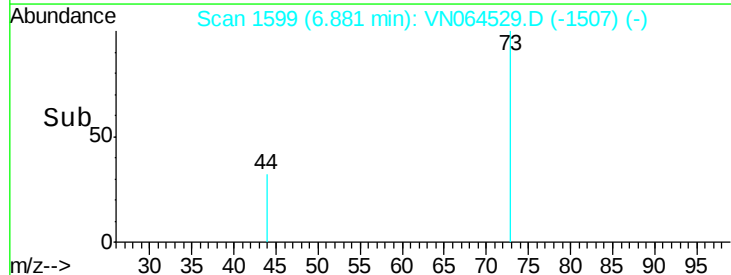
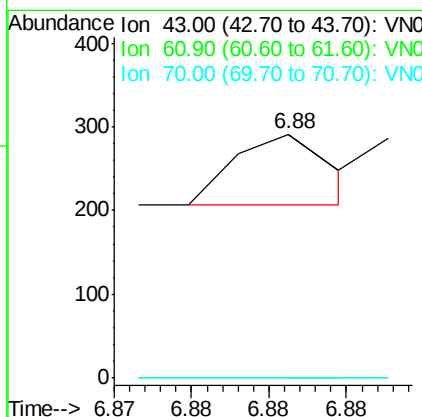
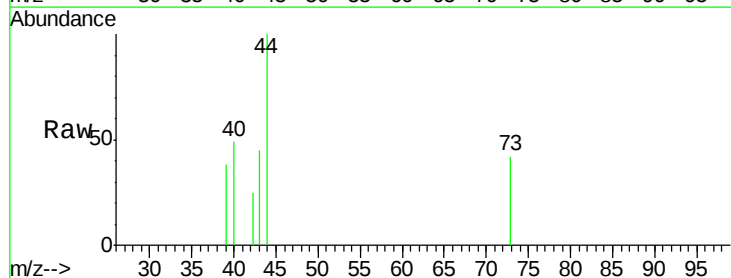
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-458-460

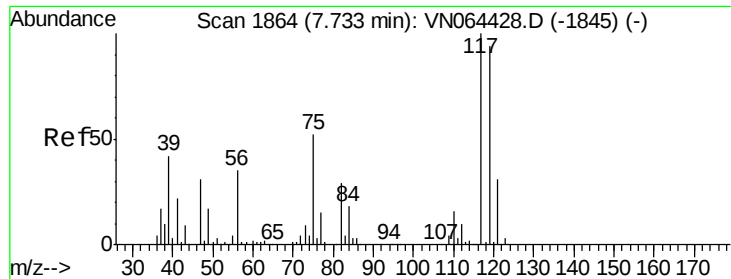
Tot Ion: 75 Resp: 24960
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.0 48.0#
 77 0.0 24.0 36.0#



#37
 Ethyl Acetate
 Concen: 0.769 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: VN064529.D
 Acq: 10 Nov 2020 16:36

Tgt Ion: 43 Resp: 36
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.0 15.0#
 70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 5.029 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-458-460

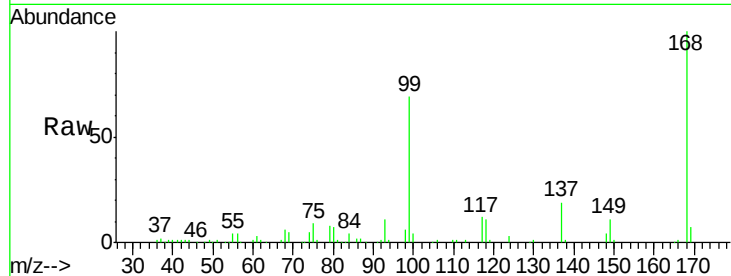
Tot Ion:117 Resp: 29091

Ion Ratio Lower Upper

117 100

119 6.8 75.5 113.3#

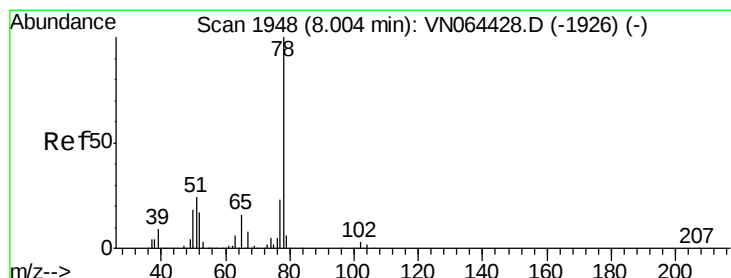
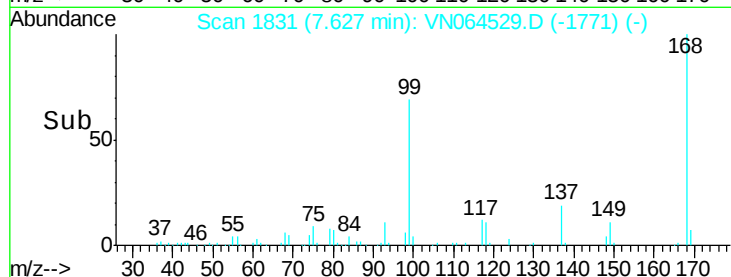
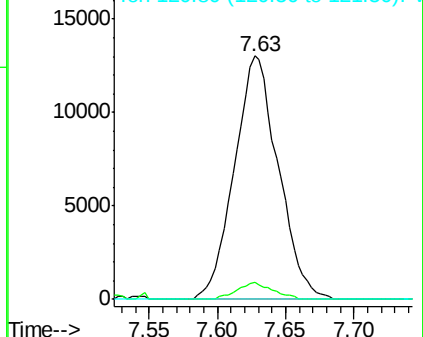
121 0.0 24.4 36.6#



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: 224.306 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN064529.D

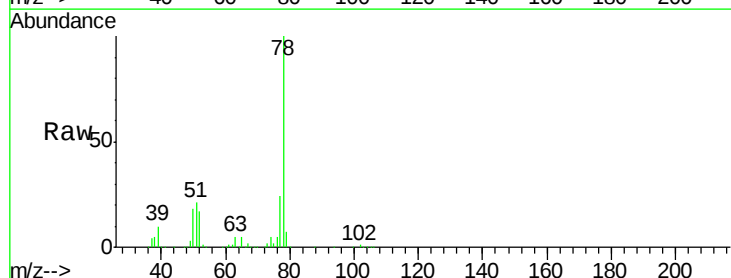
Acq: 10 Nov 2020 16:36

Tgt Ion: 78 Resp: 3567757

Ion Ratio Lower Upper

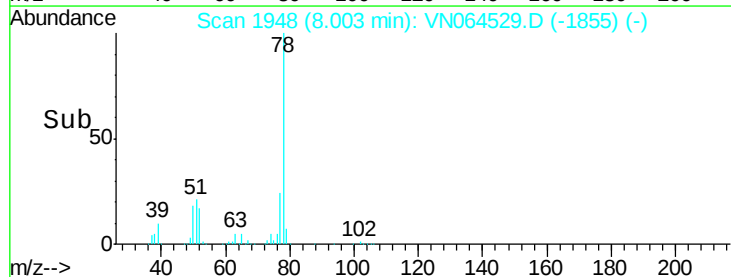
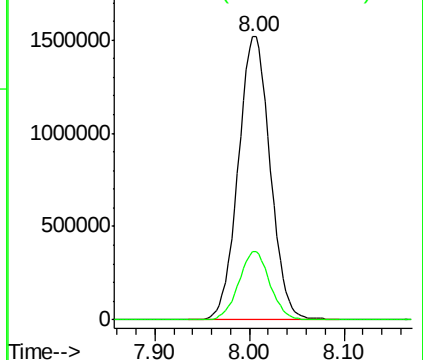
78 100

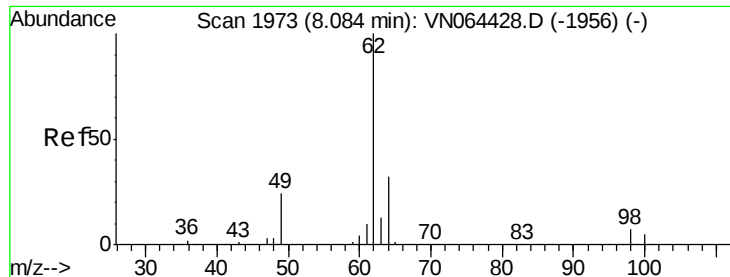
77 24.1 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#42

1,2-Dichloroethane

Concen: 18.787 ug/l

RT: 8.09 min Scan# 1975

Delta R.T. 0.01 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

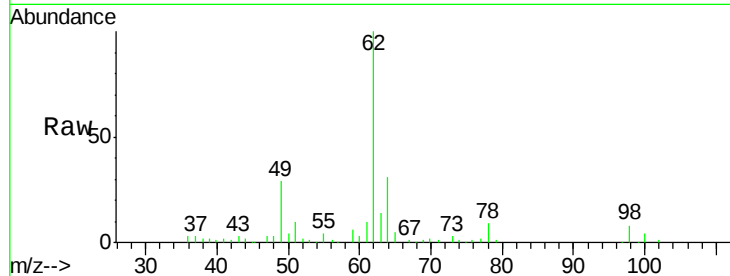
BP-VPB178-GW-458-460

Tot Ion: 62 Resp: 120591

Ion Ratio Lower Upper

62 100

98 8.2 0.0 14.0

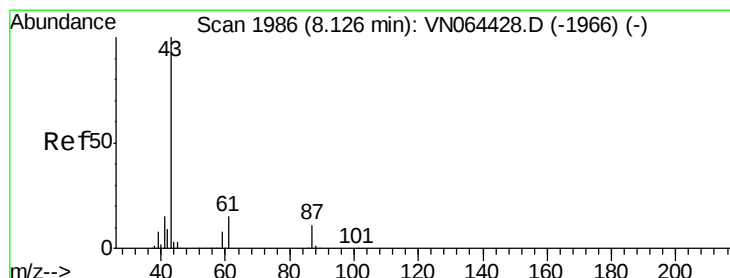
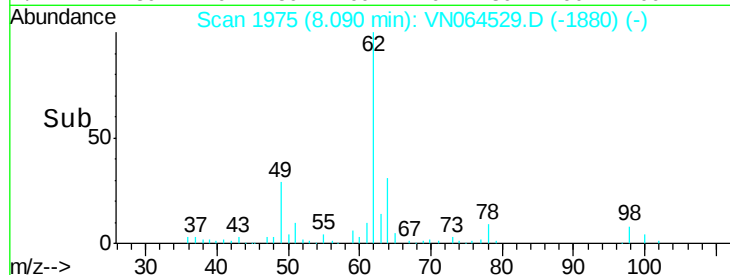


Abundance Ion 61.90 (61.60 to 62.60): VN064428.D (-1956) (-)

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

8.09

Time-->



#43

Isopropyl Acetate

Concen: 0.919 ug/l

RT: 8.11 min Scan# 1980

Delta R.T. -0.02 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

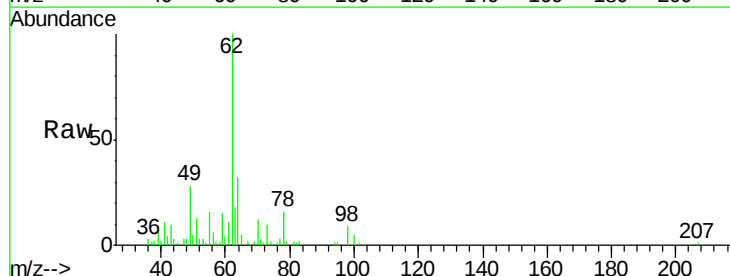
Tgt Ion: 43 Resp: 8065

Ion Ratio Lower Upper

43 100

61 160.7 14.0 21.0#

87 0.0 9.1 13.7#



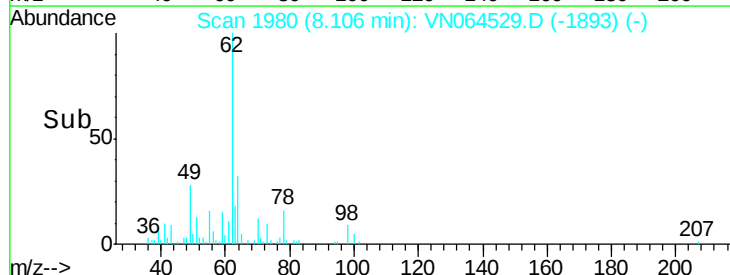
Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

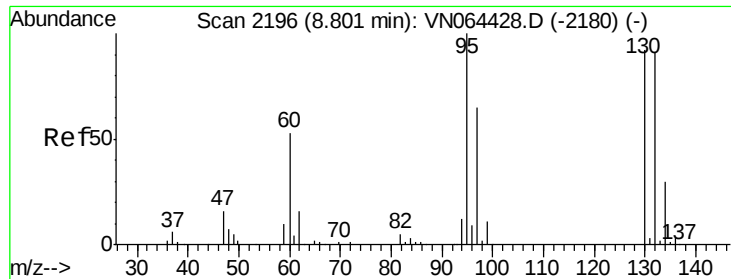
Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)

8.11

Time-->





#44

Trichloroethene

Concen: 4.411 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

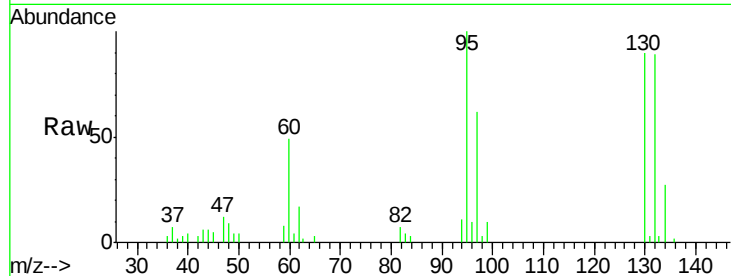
BP-VPB178-GW-458-460

Tot Ion:130 Resp: 17702

Ion Ratio Lower Upper

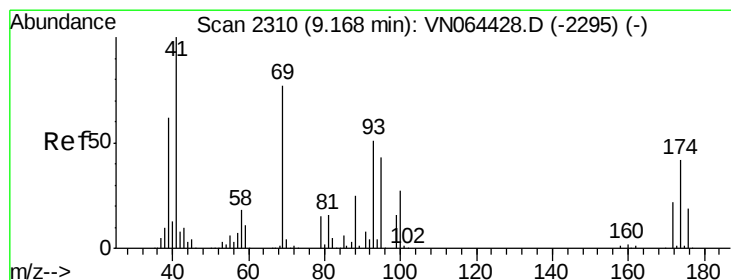
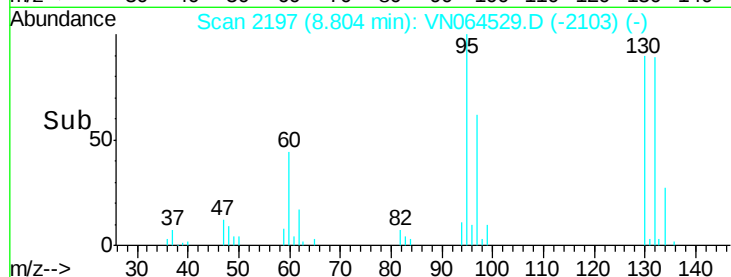
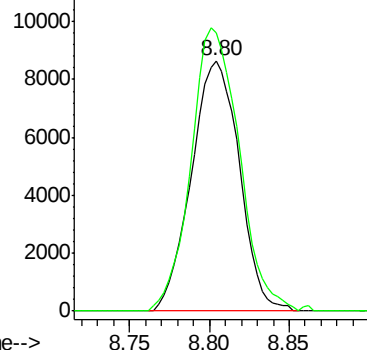
130 100

95 111.0 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#49

1,4-Dioxane

Concen: 20.977 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

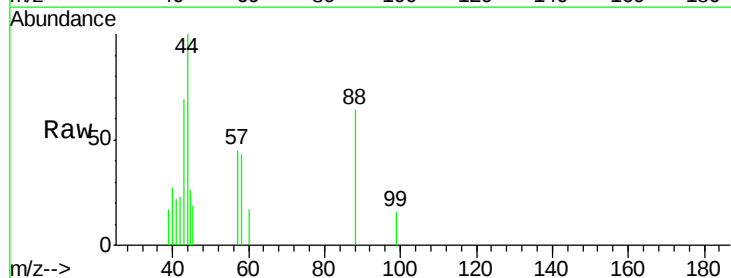
Tgt Ion: 88 Resp: 1223

Ion Ratio Lower Upper

88 100

43 30.3 31.0 46.6#

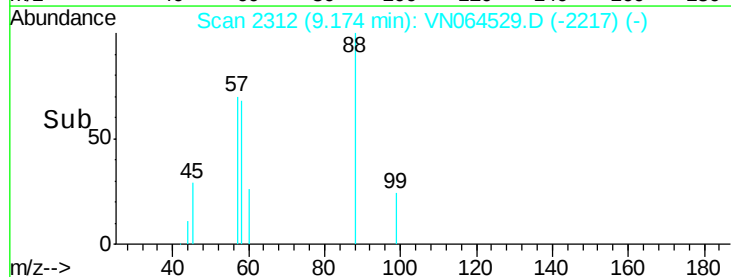
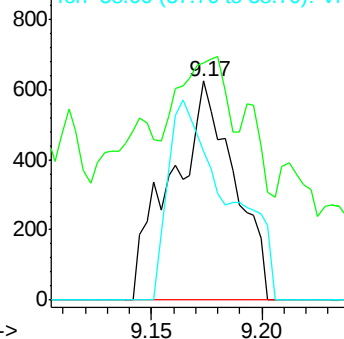
58 87.7 58.4 87.6#

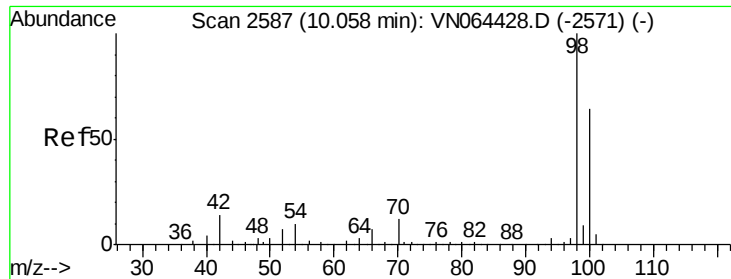


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 47.947 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

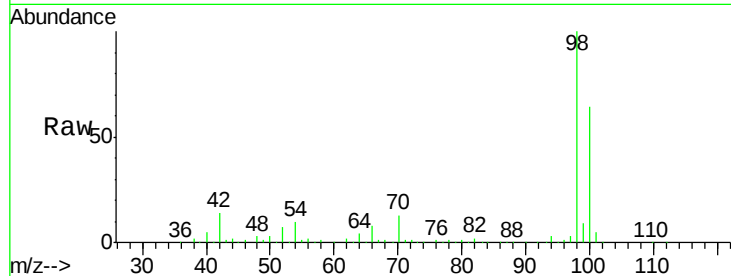
BP-VPB178-GW-458-460

Tot Ion: 98 Resp: 646487

Ion Ratio Lower Upper

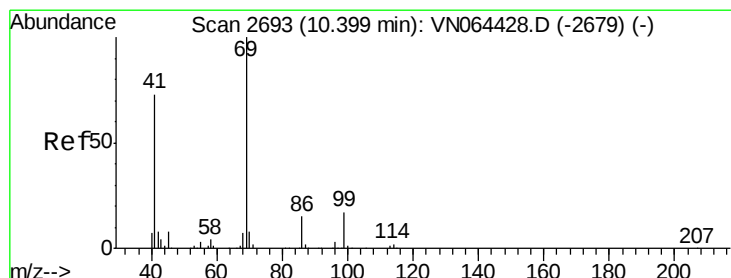
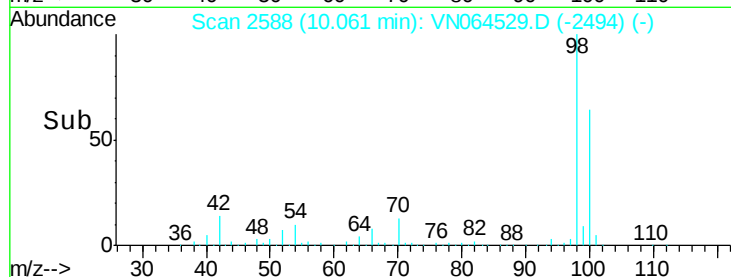
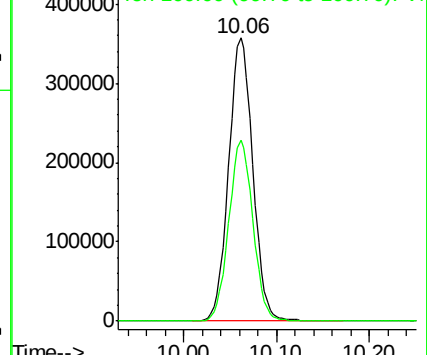
98 100

100 63.7 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: 1.871 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

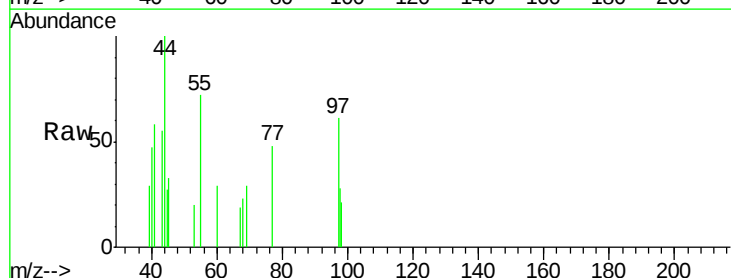
Tgt Ion: 69 Resp: 193

Ion Ratio Lower Upper

69 100

41 375.6 59.3 88.9#

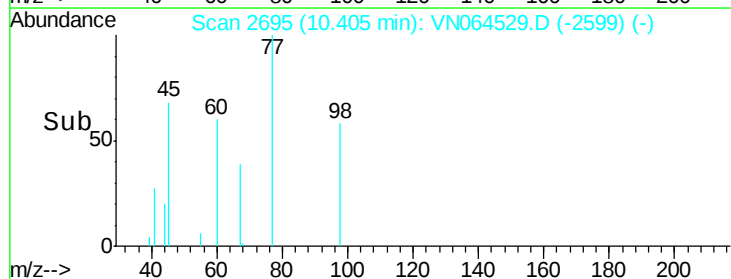
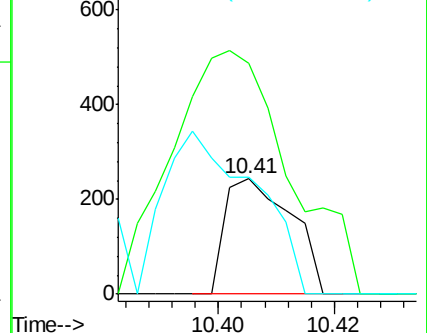
39 195.9 35.4 53.0#

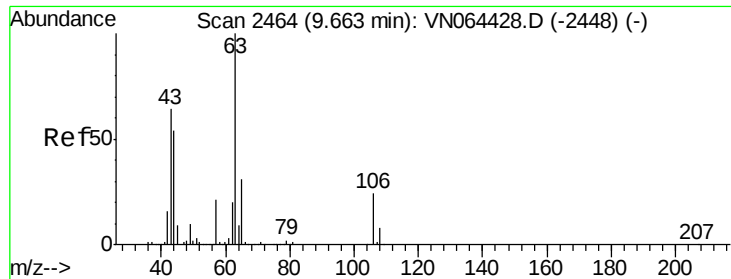


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

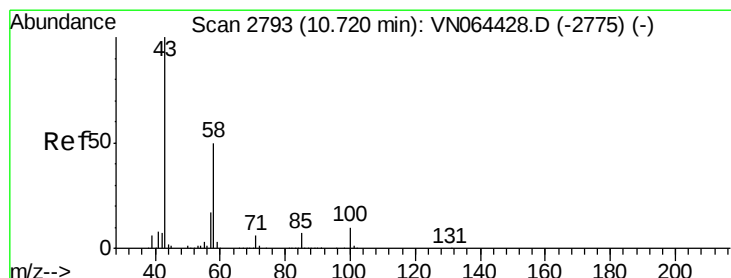
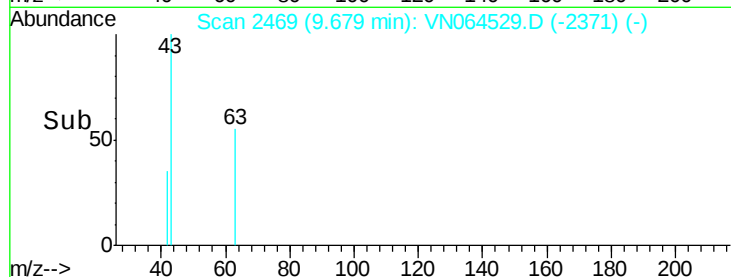
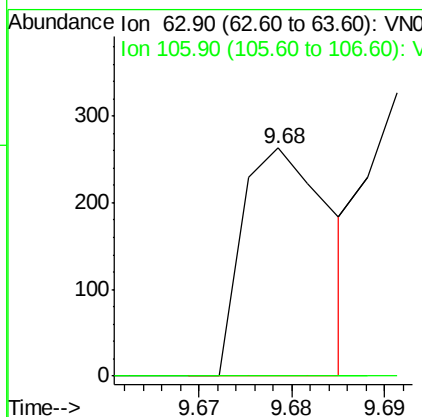
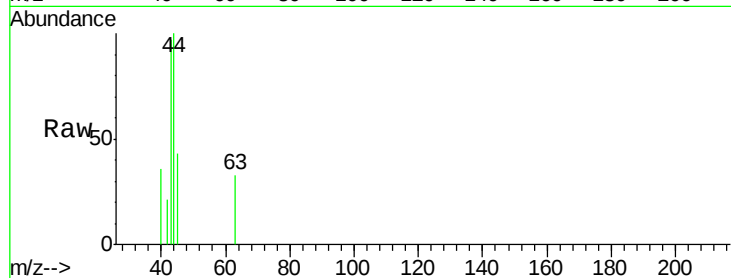




#58
2-Chloroethyl Vinyl ether
Concen: 21.592 ug/l
RT: 9.68 min Scan# 2469
Delta R.T. 0.02 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

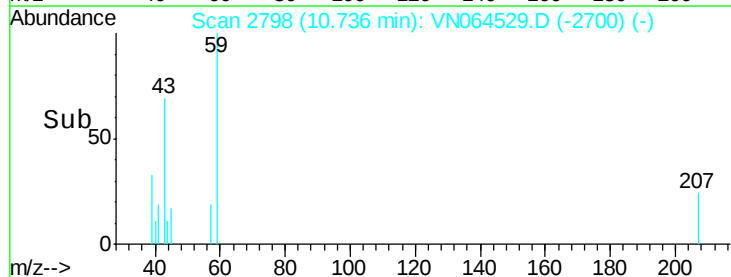
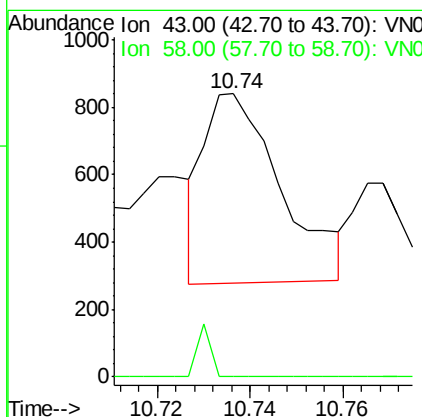
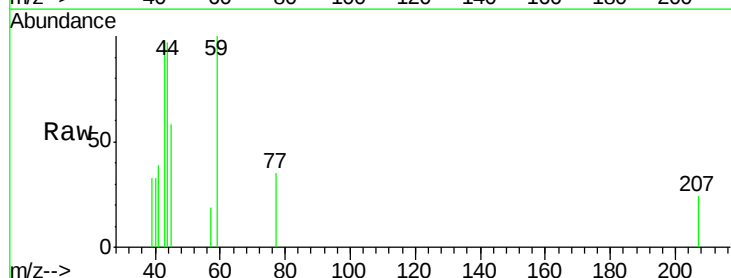
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

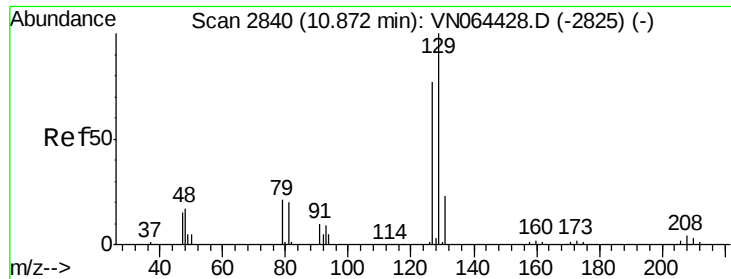
Tot Ion: 63 Resp: 173
Ion Ratio Lower Upper
63 100
106 0.0 19.5 29.3#



#59
2-Hexanone
Concen: 4.181 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 4.8 24.7 74.1#





#60

Dibromochloromethane

Concen: 0.945 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. -0.27 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

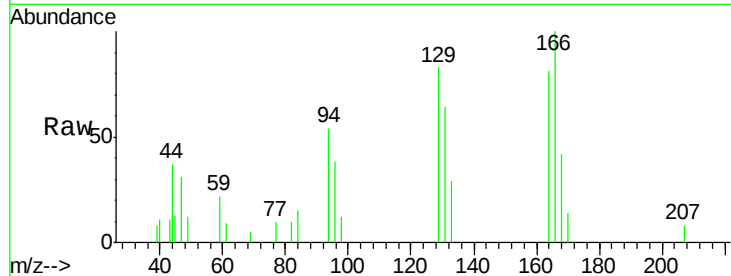
BP-VPB178-GW-458-460

Tot Ion:129 Resp: 4001

Ion Ratio Lower Upper

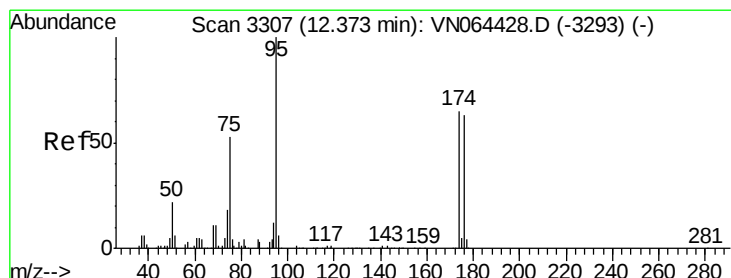
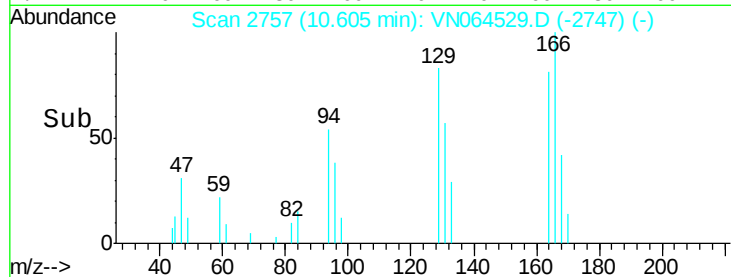
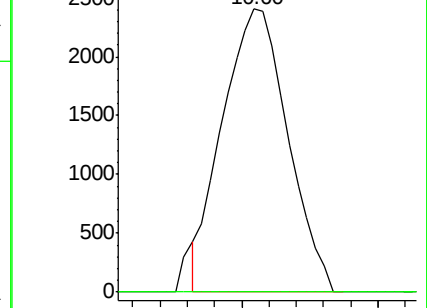
129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 50.225 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

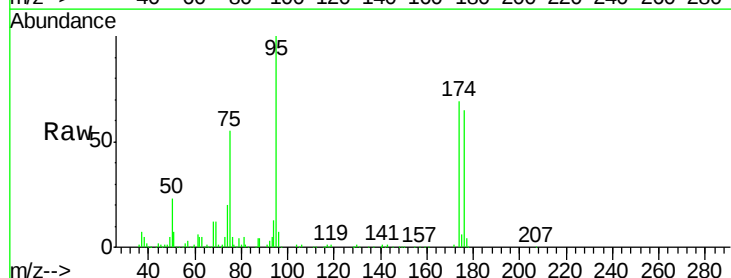
Tgt Ion: 95 Resp: 256107

Ion Ratio Lower Upper

95 100

174 70.4 0.0 132.6

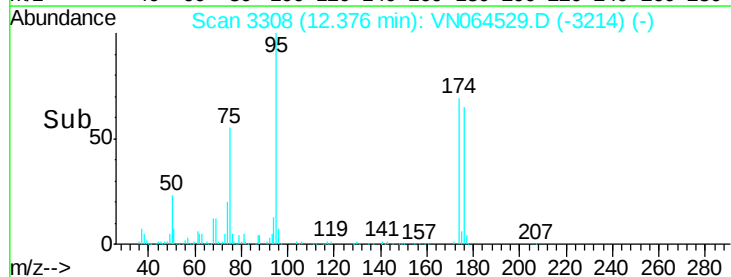
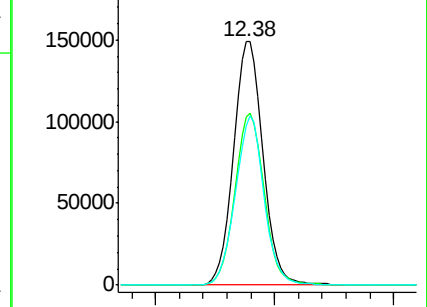
176 67.6 0.0 129.2

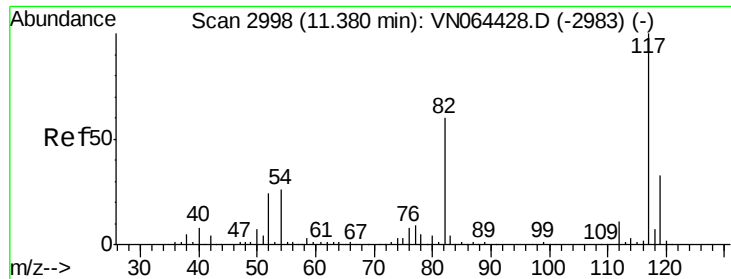


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

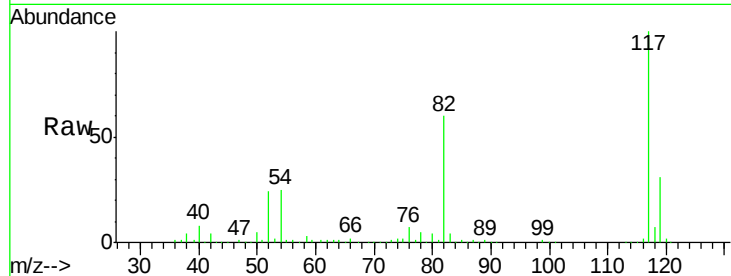




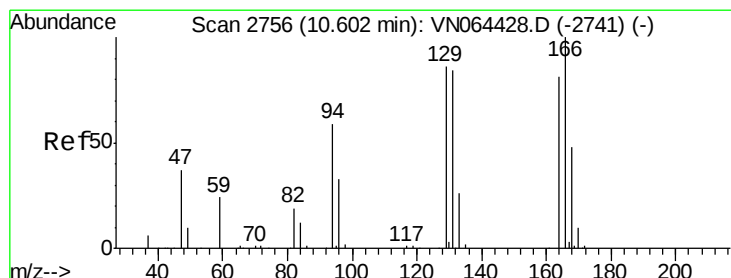
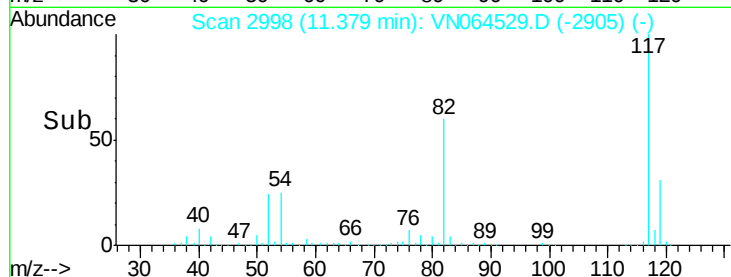
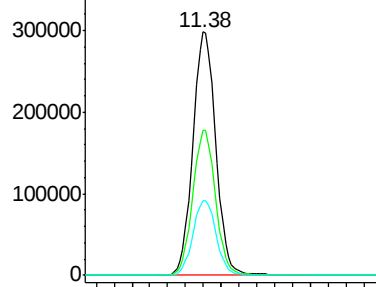
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

Tot Ion:117 Resp: 529419
Ion Ratio Lower Upper
117 100
82 59.7 48.1 72.1
119 30.8 26.2 39.4

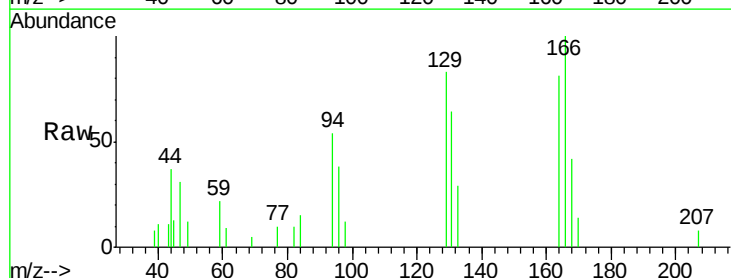


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

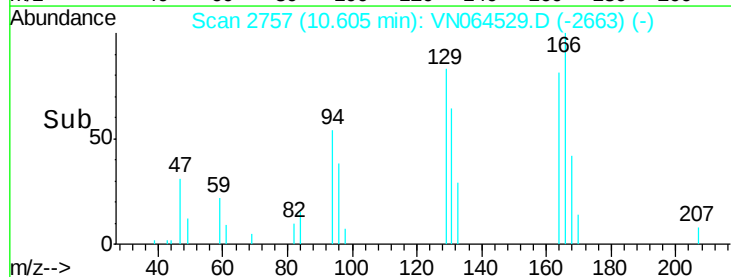
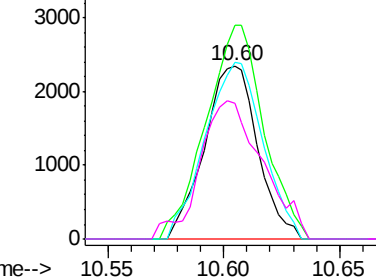


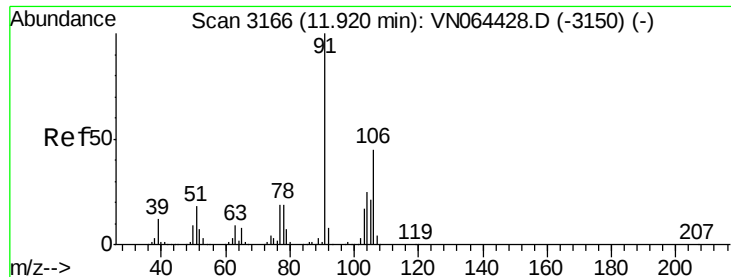
#64
Tetrachloroethene
Concen: 0.919 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Tgt Ion:164 Resp: 3749
Ion Ratio Lower Upper
164 100
166 123.2 98.2 147.2
129 102.4 84.6 127.0
131 78.4 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

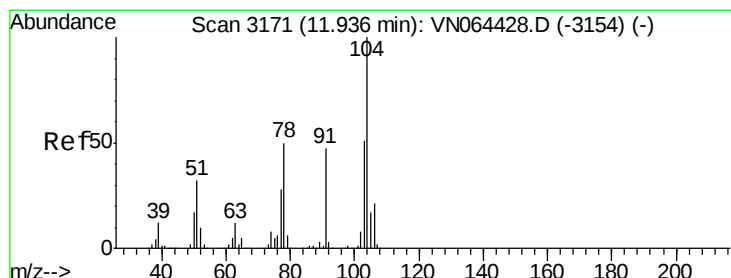
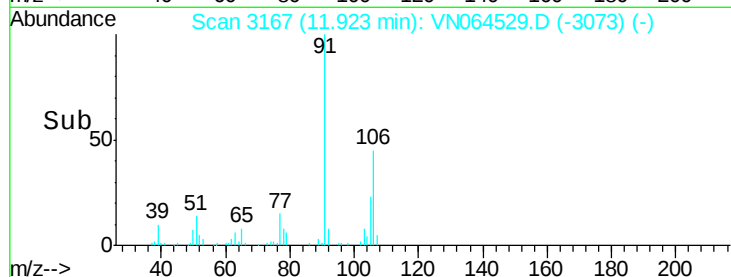
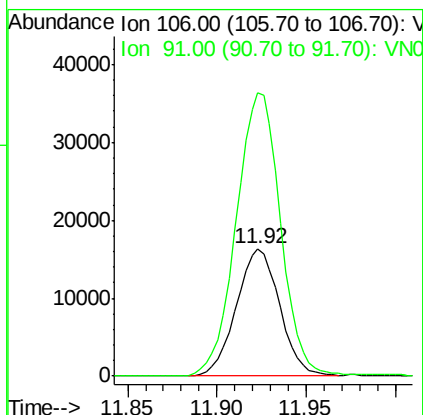
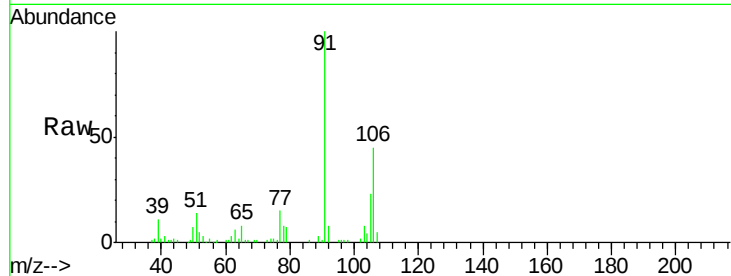




#69
o-Xylene
Concen: 3.833 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

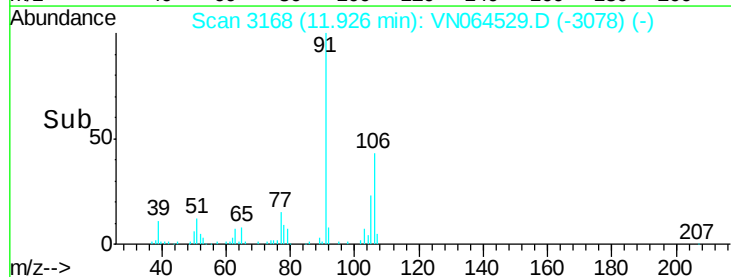
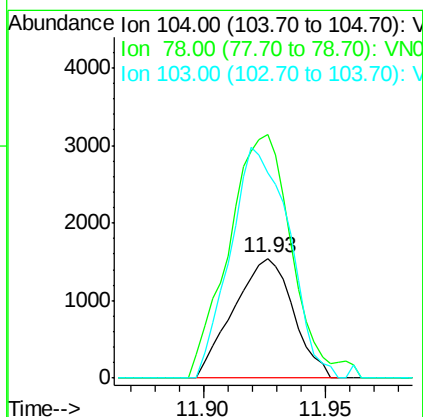
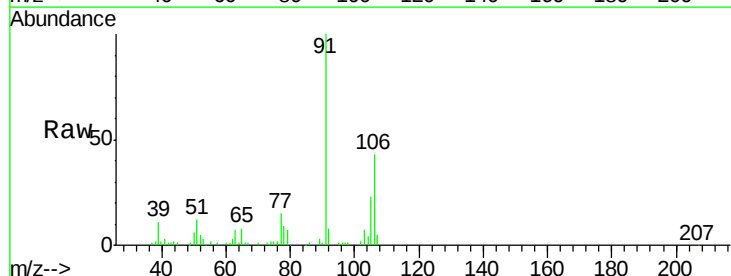
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

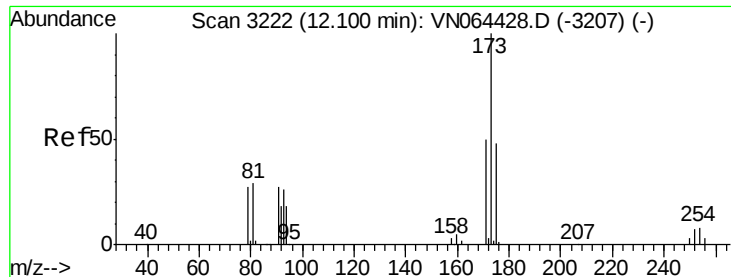
Tot Ion:106 Resp: 27729
Ion Ratio Lower Upper
106 100
91 226.5 111.7 334.9



#70
Styrene
Concen: 0.215 ug/l
RT: 11.93 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Tgt Ion:104 Resp: 2617
Ion Ratio Lower Upper
104 100
78 215.9 44.0 66.0#
103 191.1 43.8 65.6#

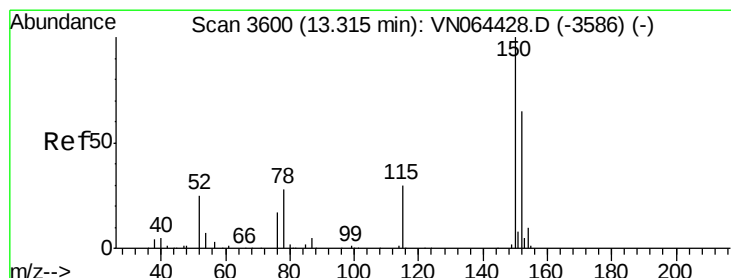
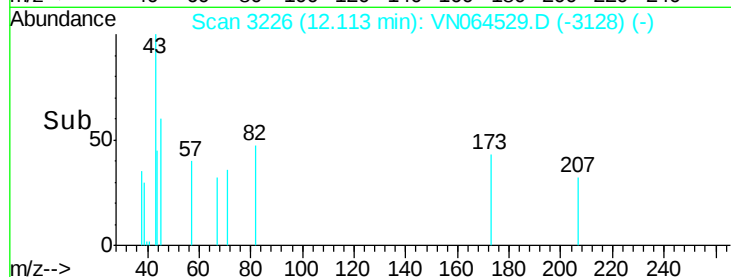
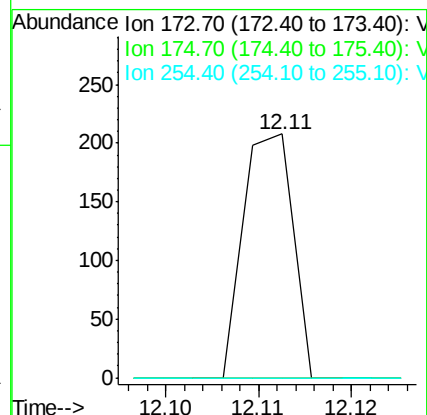
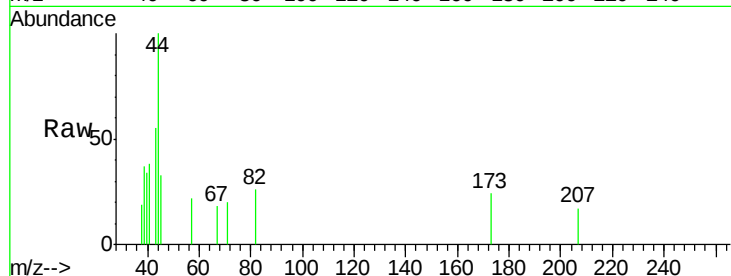




#71
Bromoform
Concen: 1.299 ug/l
RT: 12.11 min Scan# 3226
Delta R.T. 0.01 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

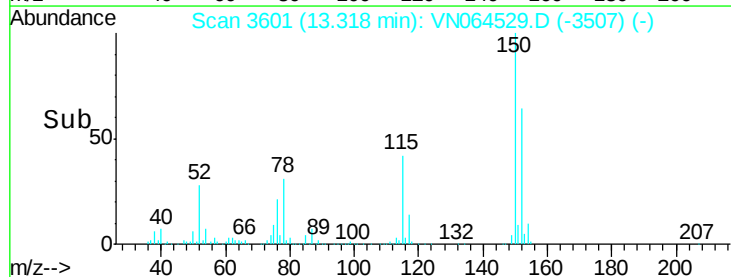
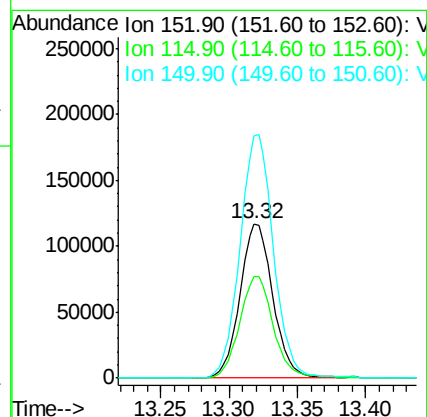
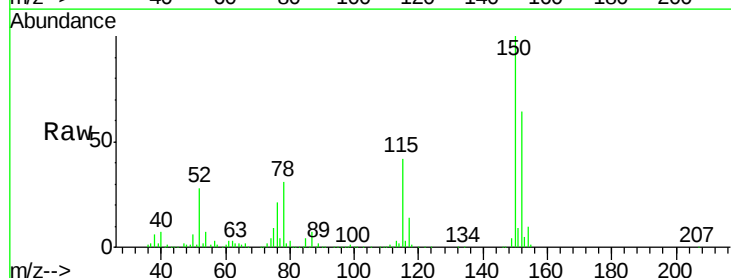
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

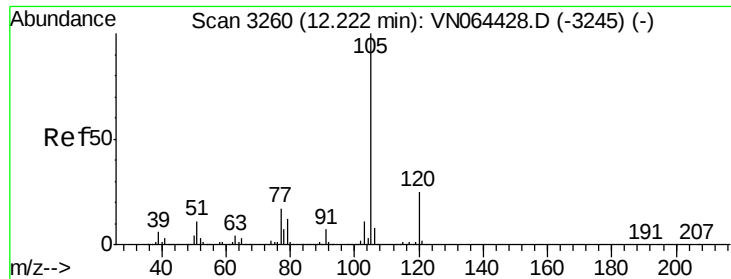
Tot Ion:173 Resp: 78
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Tgt Ion:152 Resp: 195866
Ion Ratio Lower Upper
152 100
115 67.8 32.0 96.0
150 161.4 0.0 353.8





#73

Isopropylbenzene

Concen: 5.135 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

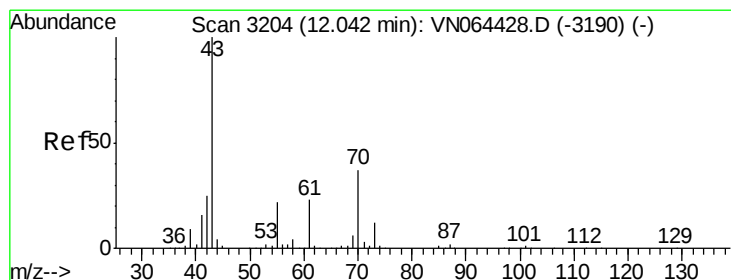
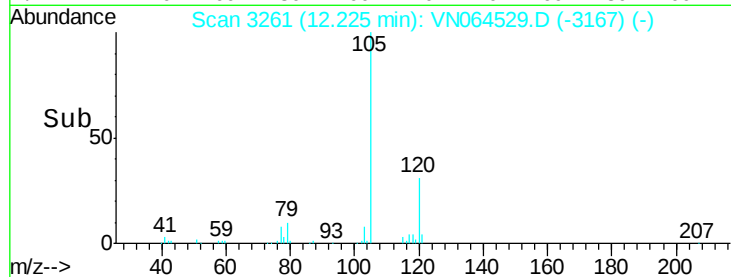
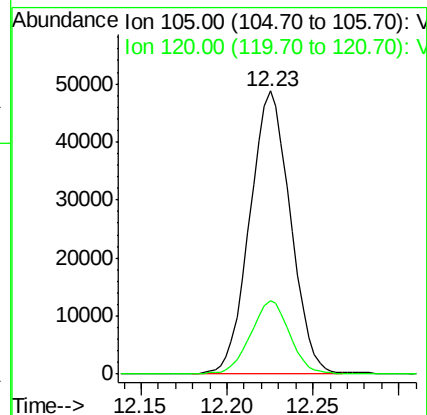
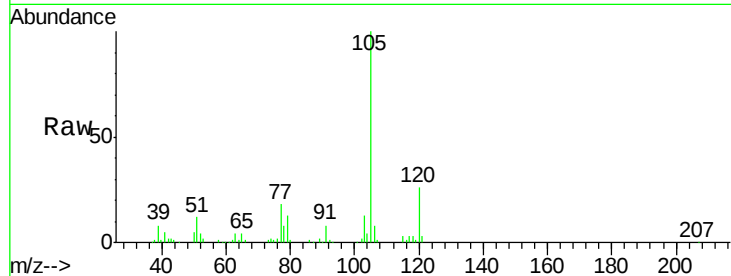
BP-VPB178-GW-458-460

Tot Ion:105 Resp: 79935

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.3



#74

N-ethyl acetate

Concen: 1.254 ug/l

RT: 12.03 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Tgt Ion: 43 Resp: 303

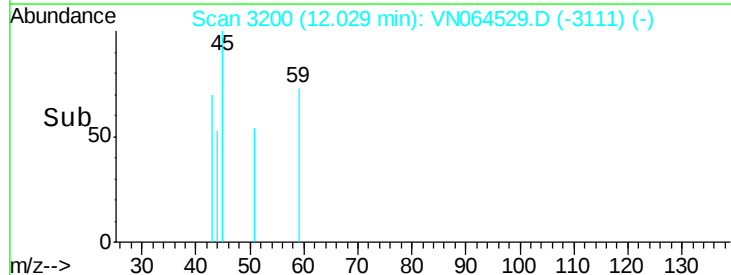
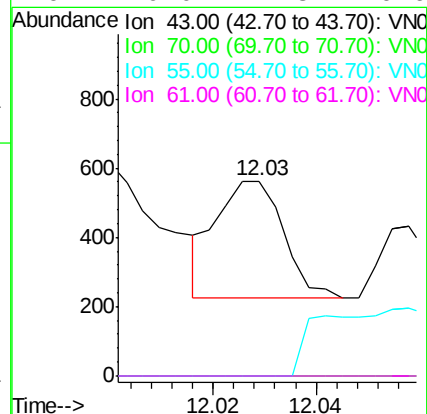
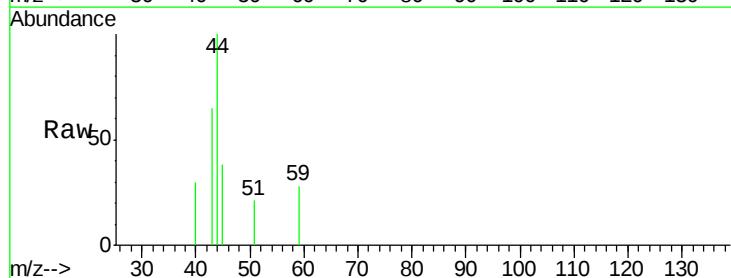
Ion Ratio Lower Upper

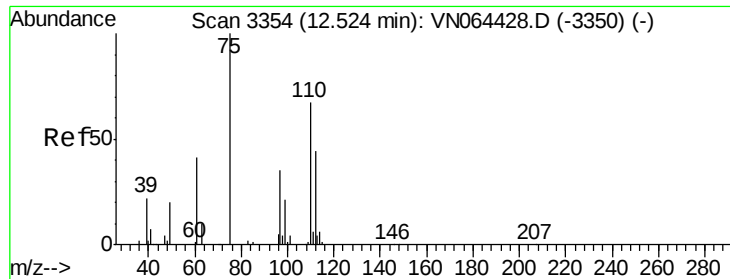
43 100

70 0.0 29.6 44.4#

55 0.0 18.4 27.6#

61 0.0 17.8 26.6#





#76

1,2,3-Trichloropropane

Concen: 30.308 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. -0.14 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

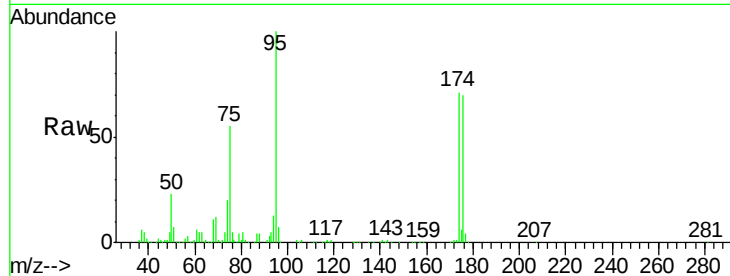
BP-VPB178-GW-458-460

Tot Ion: 75 Resp: 143834

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)

12.38

80000

60000

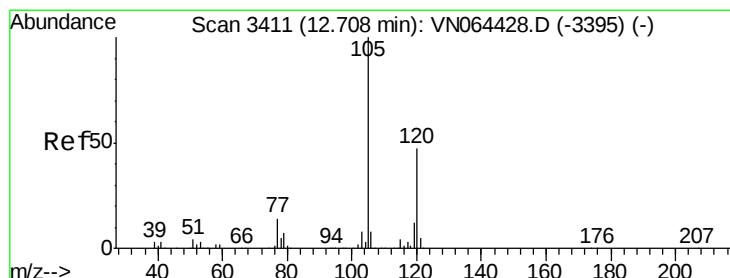
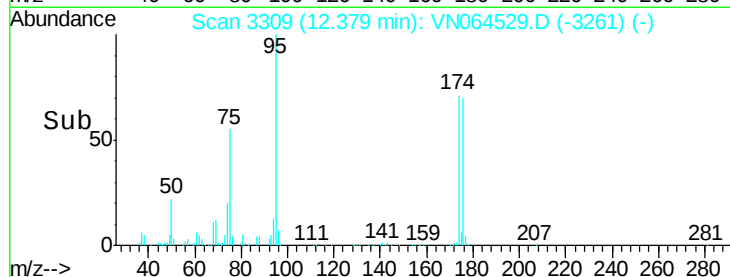
40000

20000

0

Time-->

12.30 12.35 12.40 12.45



#80

1,3,5-Trimethylbenzene

Concen: 4.383 ug/l

RT: 12.87 min Scan# 3461

Delta R.T. 0.16 min

Lab File: VN064529.D

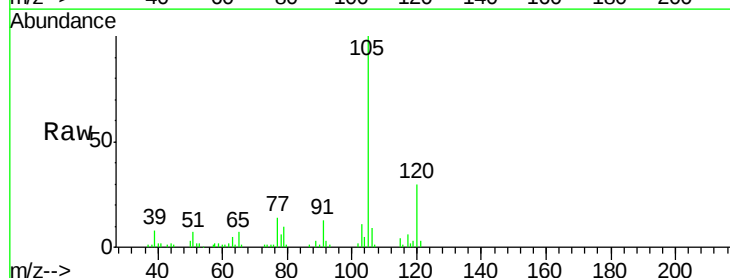
Acq: 10 Nov 2020 16:36

Tgt Ion: 105 Resp: 56295

Ion Ratio Lower Upper

105 100

120 30.5 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)

12.87

40000

30000

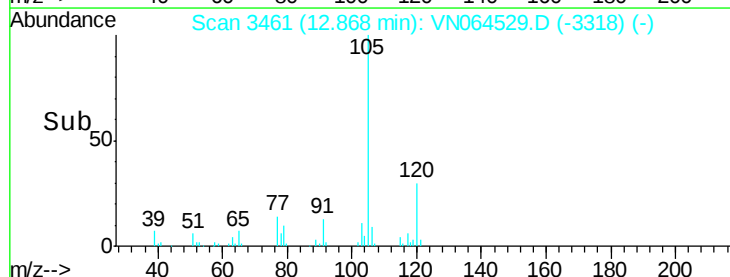
20000

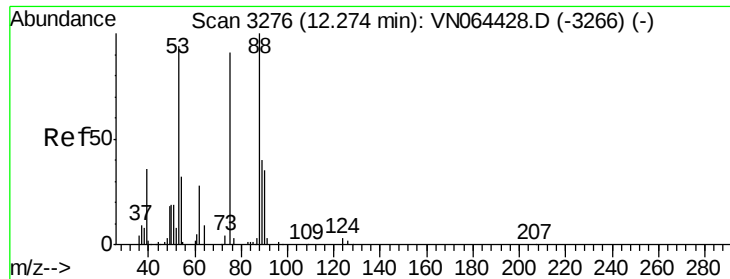
10000

0

Time-->

12.80 12.85 12.90





#81

trans-1,4-Dichloro-2-butene

Concen: 84.625 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.11 min

Lab File: VN064529.D

Acq: 10 Nov 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-458-460

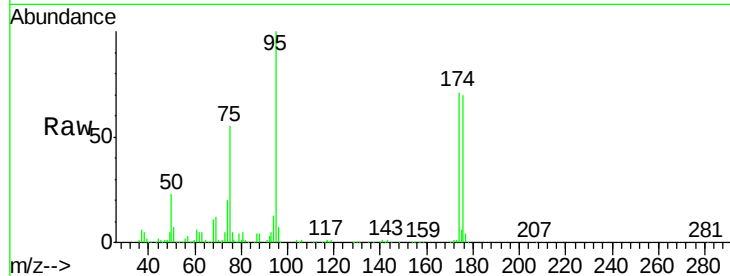
Tot Ion: 75 Resp: 143834

Ion Ratio Lower Upper

75 100

53 0.2 84.0 126.0#

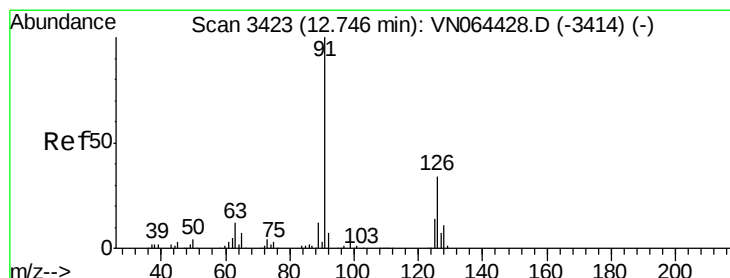
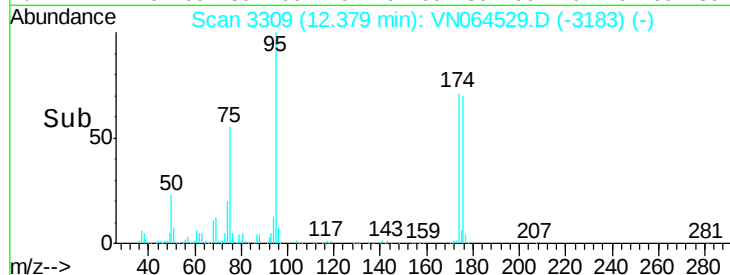
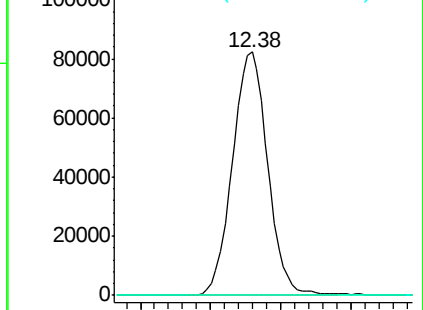
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN064529.D (-3309) (-)

Ion 53.00 (52.70 to 53.70): VN064529.D (-3309) (-)

Ion 88.90 (88.60 to 89.60): VN064529.D (-3309) (-)



#82

4-Chlorotoluene

Concen: 0.669 ug/l

RT: 12.86 min Scan# 3460

Delta R.T. 0.12 min

Lab File: VN064529.D

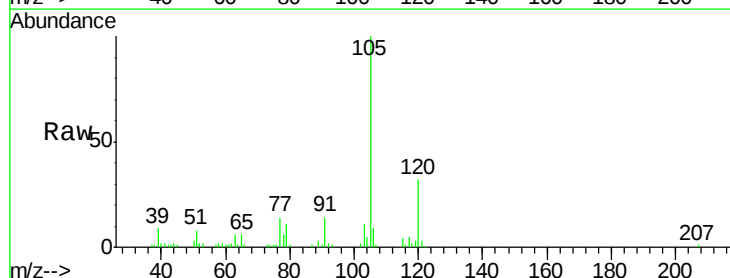
Acq: 10 Nov 2020 16:36

Tgt Ion: 91 Resp: 7886

Ion Ratio Lower Upper

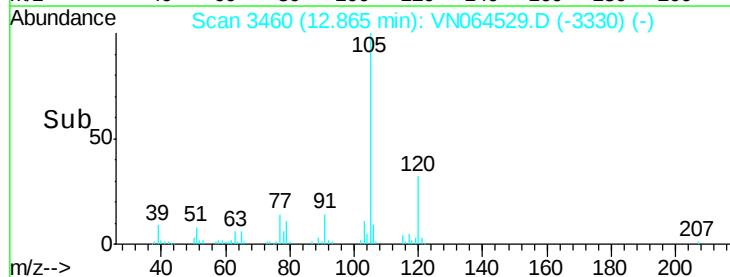
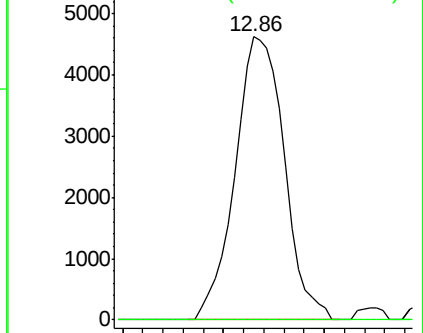
91 100

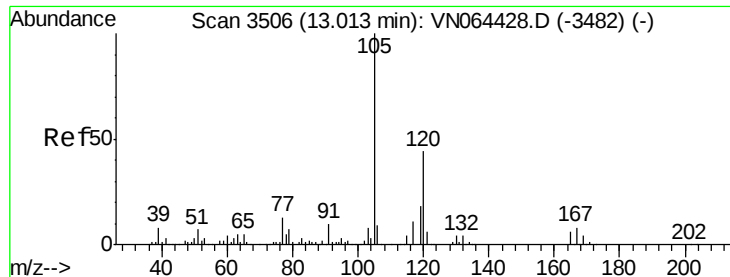
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VN064529.D (-3460) (-)

Ion 125.90 (125.60 to 126.60): VN064529.D (-3460) (-)

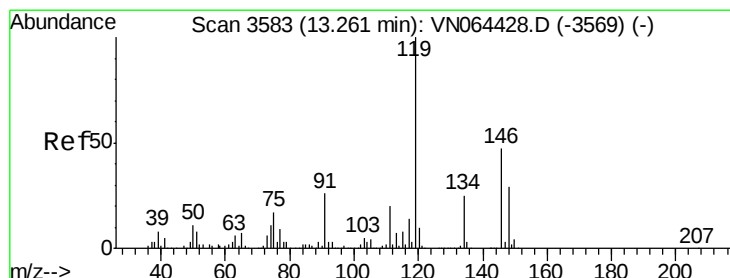
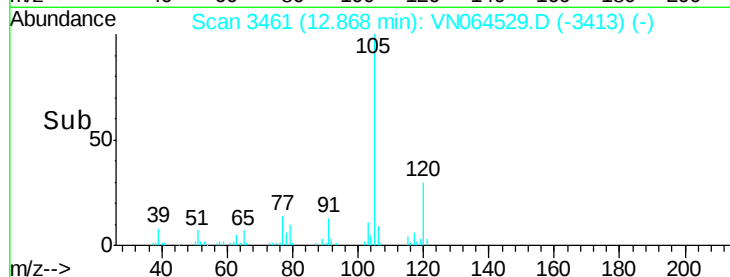
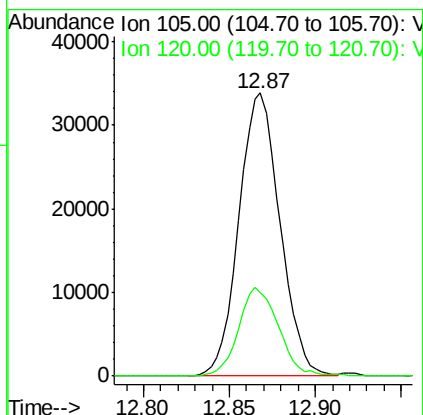
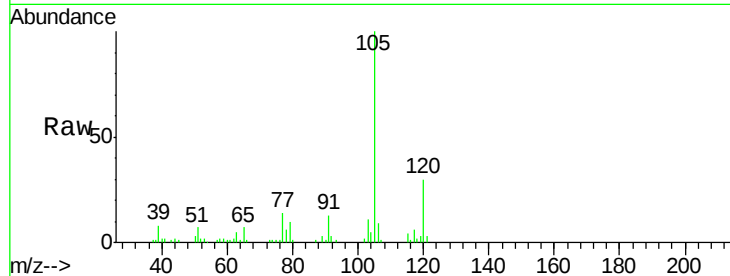




#84
 1,2,4-Trimethylbenzene
 Concen: 4.360 ug/l
 RT: 12.87 min Scan# 3461
 Delta R.T. -0.14 min
 Lab File: VN064529.D
 Acq: 10 Nov 2020 16:36

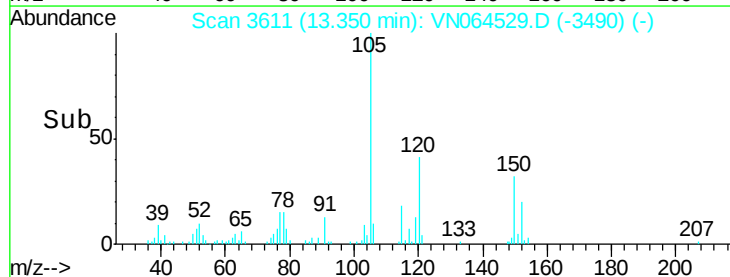
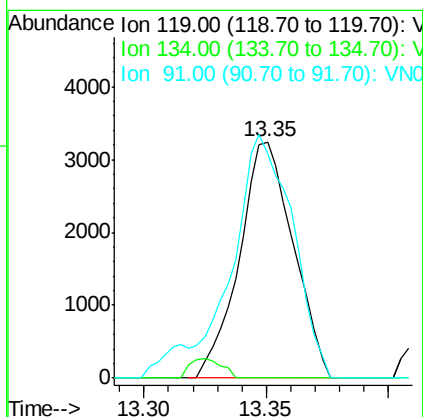
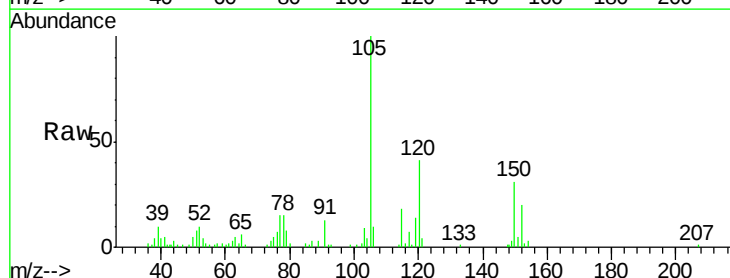
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-458-460

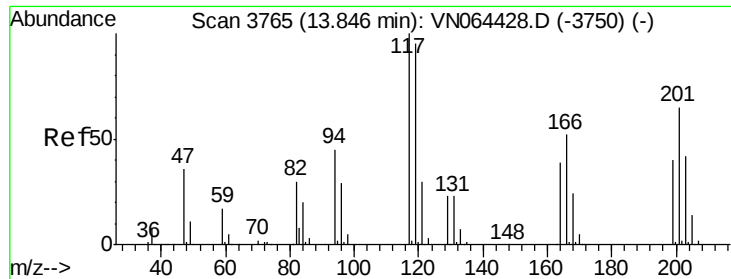
Tot Ion:105 Resp: 56295
 Ion Ratio Lower Upper
 105 100
 120 30.5 21.9 65.7



#86
 p-Isopropyltoluene
 Concen: 0.434 ug/l
 RT: 13.35 min Scan# 3611
 Delta R.T. 0.09 min
 Lab File: VN064529.D
 Acq: 10 Nov 2020 16:36

Tgt Ion:119 Resp: 4957
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.6 37.6#
 91 121.0 12.8 38.3#

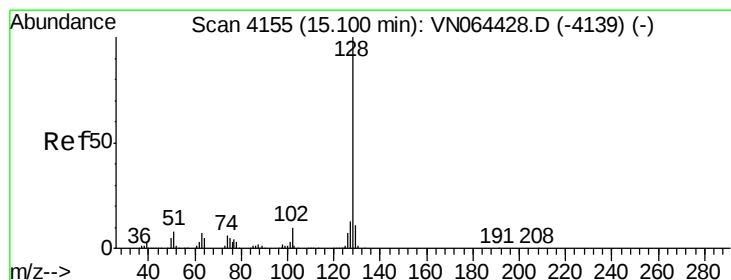
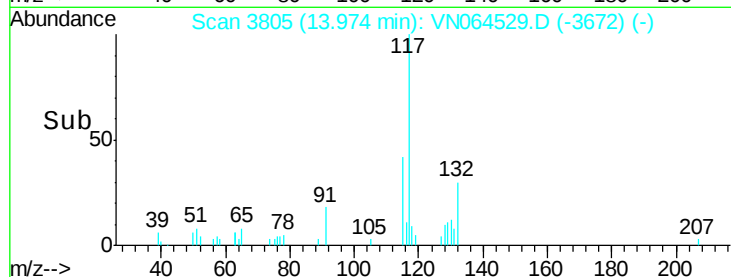
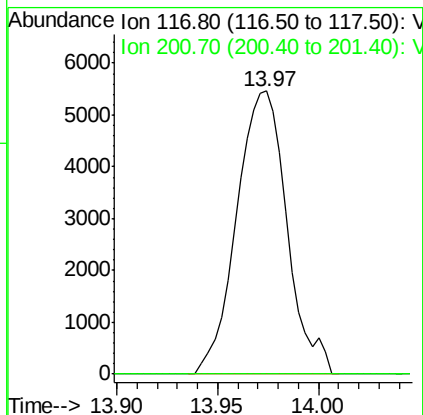
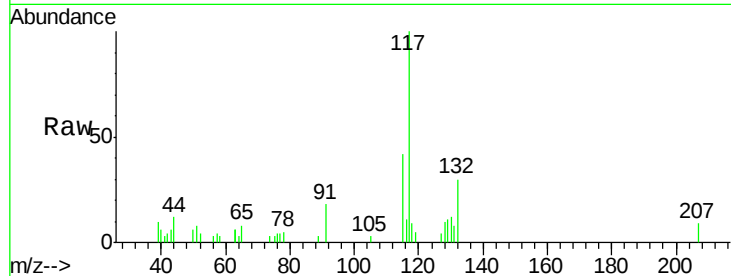




#90
Hexachloroethane
Concen: 4.323 ug/l
RT: 13.97 min Scan# 3805
Delta R.T. 0.13 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-458-460

Tot Ion:117 Resp: 9530
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#



#95
Naphthalene
Concen: 3.660 ug/l
RT: 15.12 min Scan# 4161
Delta R.T. 0.02 min
Lab File: VN064529.D
Acq: 10 Nov 2020 16:36

Tgt Ion:128 Resp: 434
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.8 13.2#

