

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064533.D
 Acq On : 10 Nov 2020 18:13
 Operator : JC/MD
 Sample : L4684-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 11 01:53:04 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	241706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	501035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	511109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190217	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	234495	55.70	ug/l	0.00
Spiked Amount			Recovery	=	111.40%	
35) Dibromofluoromethane	7.55	113	172494	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
50) Toluene-d8	10.06	98	633038	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.38	95	251954	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1551	0.406	ug/l	92
11) Tert butyl alcohol	4.76	59	13548	29.180	ug/l #	71
12) 1,1-Dichloroethene	3.69	96	82425	31.886	ug/l	98
13) Acrolein	3.70	56	184	0.639	ug/l #	15
14) Allyl chloride	4.34	41	1832	0.362	ug/l #	20
15) Acrylonitrile	4.96	53	567	0.439	ug/l #	28
16) Acetone	3.76	43	20798	12.969	ug/l #	64
18) Methyl Acetate	4.49	43	48189	15.284	ug/l #	55
20) Methylene Chloride	4.50	84	12876	4.047	ug/l	86
22) Diisopropyl ether	5.90	45	6468	0.603	ug/l #	81
23) Vinyl Acetate	5.91	43	9118	1.044	ug/l #	76
24) 1,1-Dichloroethane	5.80	63	251315	42.607	ug/l	100
25) 2-Butanone	6.78	43	656	0.321	ug/l #	12
27) cis-1,2-Dichloroethene	6.78	96	681	0.200	ug/l	25
31) Cyclohexane	7.62	56	9822	1.919	ug/l #	32
32) 1,1,1-Trichloroethane	7.54	97	30702	5.583	ug/l	99
36) 1,1-Dichloropropene	7.62	75	23777	4.492	ug/l #	45
37) Ethyl Acetate	6.87	43	383	0.833	ug/l #	71
38) Carbon Tetrachloride	7.63	117	27094	4.789	ug/l #	17
40) Benzene	8.00	78	2539604	163.279	ug/l	99
42) 1,2-Dichloroethane	8.09	62	203933	32.490	ug/l	98
43) Isopropyl Acetate	8.10	43	6728	0.784	ug/l #	1
44) Trichloroethene	8.80	130	4436	1.130	ug/l	94
49) 1,4-Dioxane	9.17	88	4551	79.826	ug/l #	93
55) 1,1,2-Trichloroethane	10.53	97	1768	0.478	ug/l #	85
56) Ethyl methacrylate	10.40	69	151	1.865	ug/l #	1
59) 2-Hexanone	10.73	43	292	4.099	ug/l #	42
60) Dibromochloromethane	10.60	129	3698	0.893	ug/l #	10
64) Tetrachloroethene	10.60	164	3331	0.846	ug/l #	92
69) o-Xylene	11.92	106	62245	8.912	ug/l	93
70) Styrene	11.92	104	5128	0.436	ug/l #	1
71) Bromoform	12.37	173	423	1.406	ug/l #	1
73) Isopropylbenzene	12.23	105	55969	3.702	ug/l	99
74) N-amyl acetate	12.03	43	87	1.226	ug/l #	22

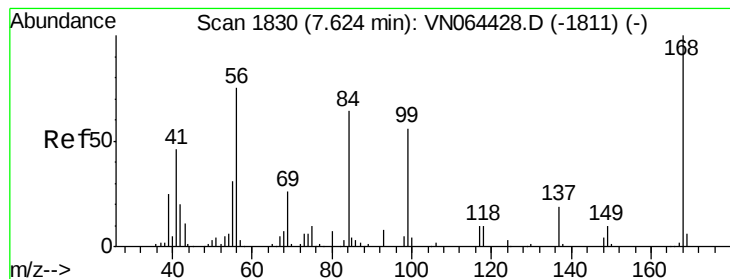
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.38	75	136371	29.589	uq/l #	100
80) 1,3,5-Trimethylbenzene	12.87	105	78489	6.293	uq/l	75
81) trans-1,4-Dichloro-2-buten	12.38	75	136371	82.617	uq/l #	8
82) 4-Chlorotoluene	12.87	91	11604	1.014	uq/l #	44
84) 1,2,4-Trimethylbenzene	12.87	105	78489	6.260	uq/l	79
85) sec-Butylbenzene	13.35	105	161543	13.094	uq/l #	59
86) p-Isopropyltoluene	13.35	119	15739	1.418	uq/l #	1
90) Hexachloroethane	13.97	117	17155	8.014	uq/l #	18
95) Naphthalene	15.11	128	422	3.660	uq/l #	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

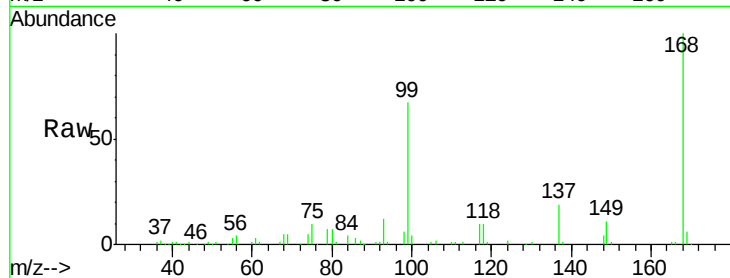
BP-VPB178-GW-498-500

Tot Ion:168 Resp: 241706

Ion Ratio Lower Upper

168 100

99 66.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

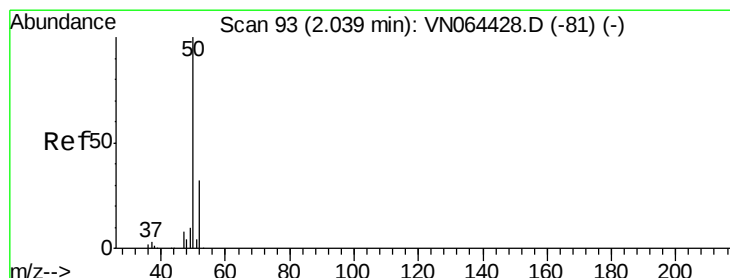
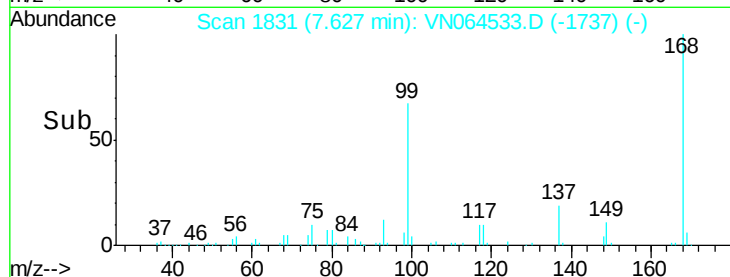
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.406 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064533.D

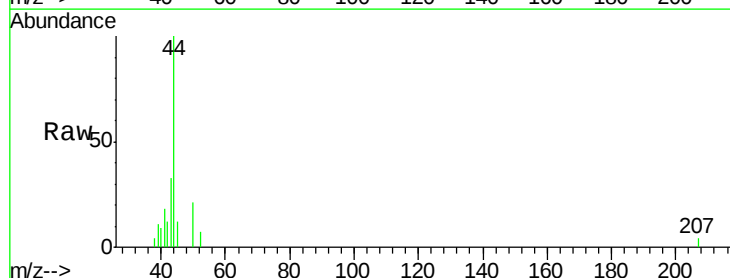
Acq: 10 Nov 2020 18:13

Tgt Ion: 50 Resp: 1551

Ion Ratio Lower Upper

50 100

52 36.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

1200

1000

800

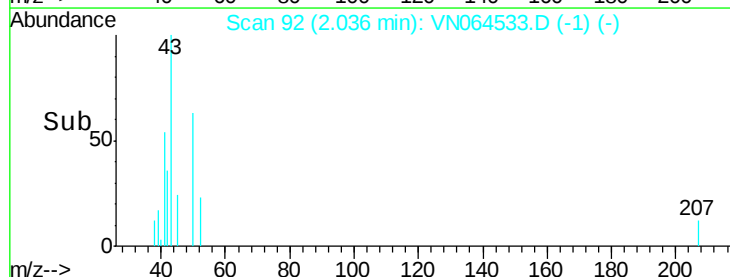
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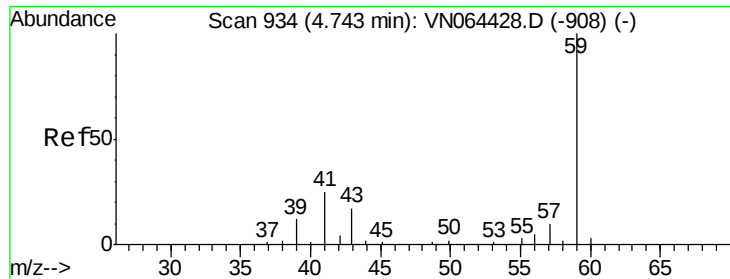
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200

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Time-->

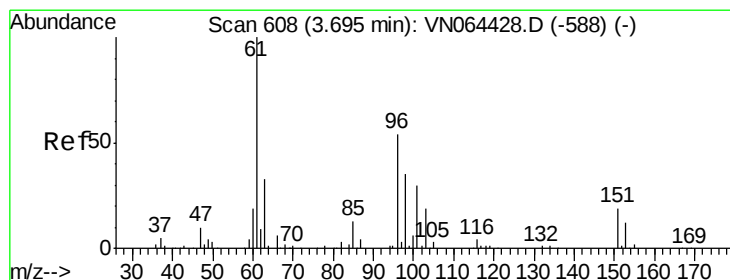
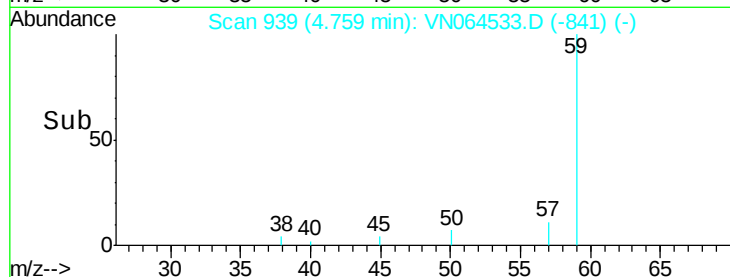
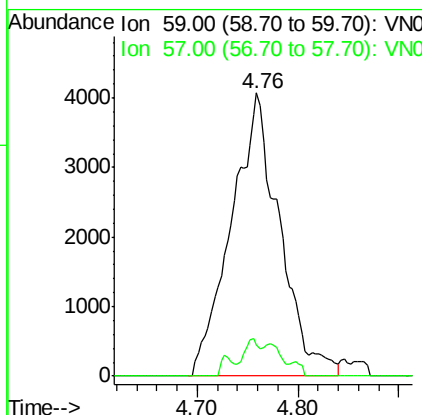
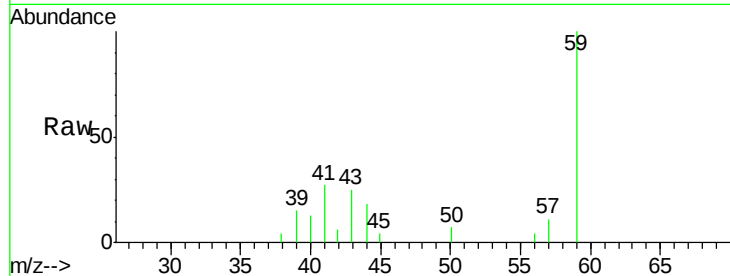




#11
Tert butyl alcohol
Concen: 29.180 ug/l
RT: 4.76 min Scan# 939
Delta R.T. 0.02 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

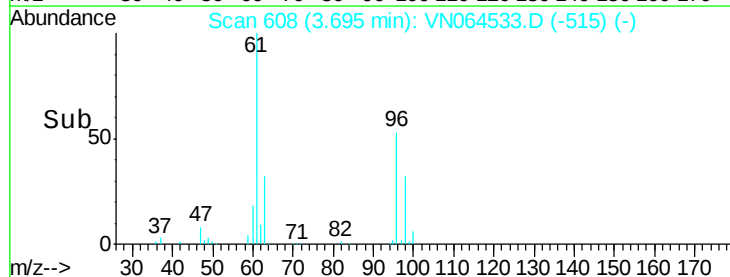
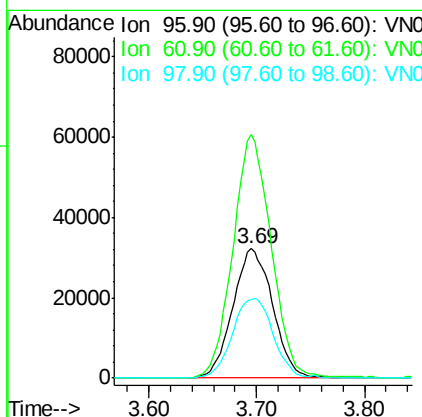
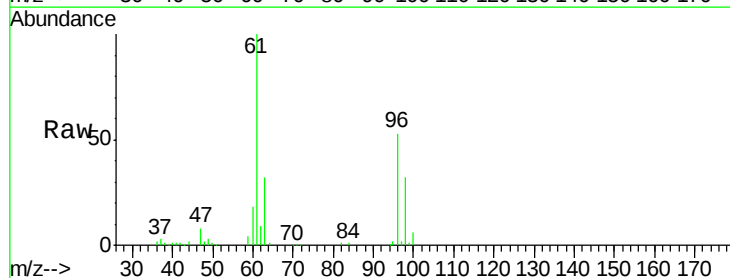
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500

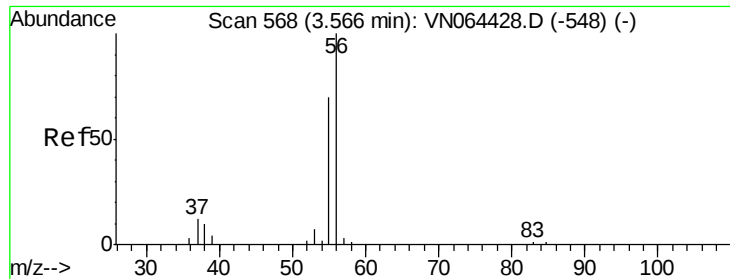
Tot Ion: 59 Resp: 13548
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 31.886 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

Tgt Ion: 96 Resp: 82425
Ion Ratio Lower Upper
96 100
61 188.1 149.5 224.3
98 61.1 52.4 78.6

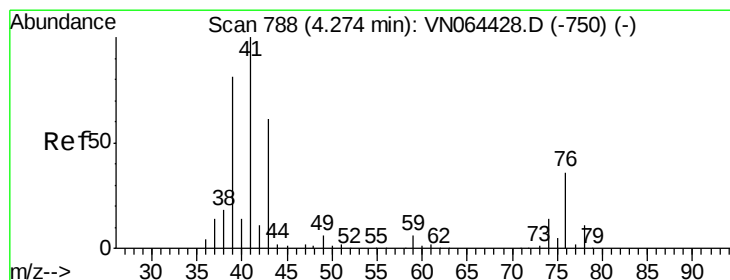
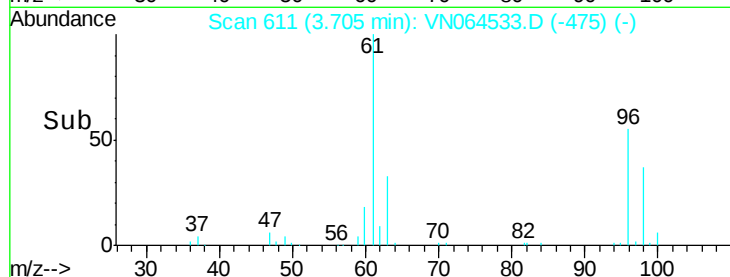
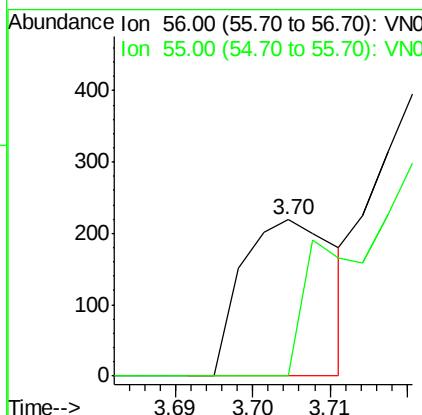
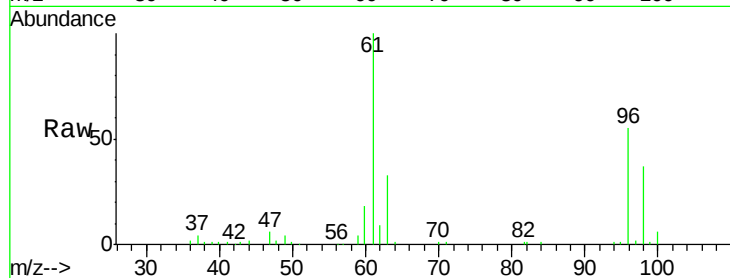




#13
 Acrolein
 Concen: 0.639 ug/l
 RT: 3.70 min Scan# 611
 Delta R.T. 0.14 min
 Lab File: VN064533.D
 Acq: 10 Nov 2020 18:13

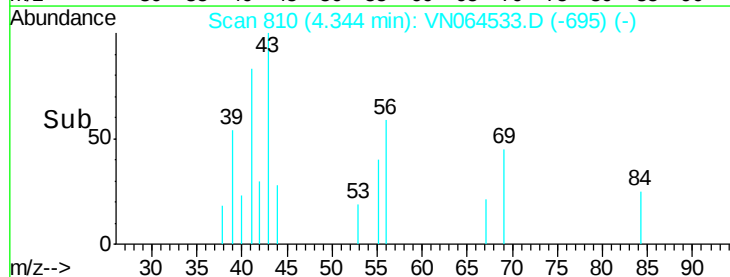
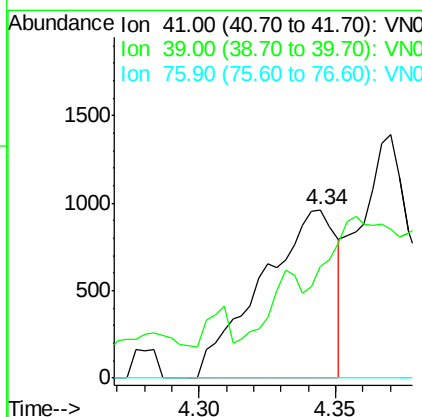
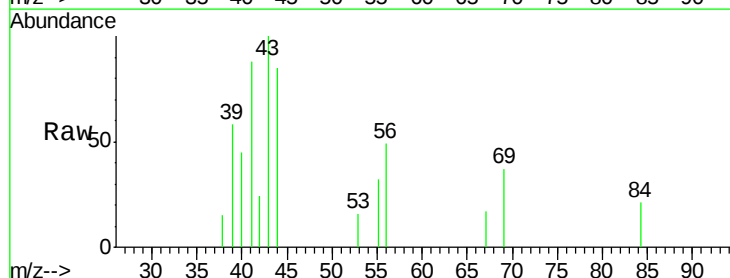
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500

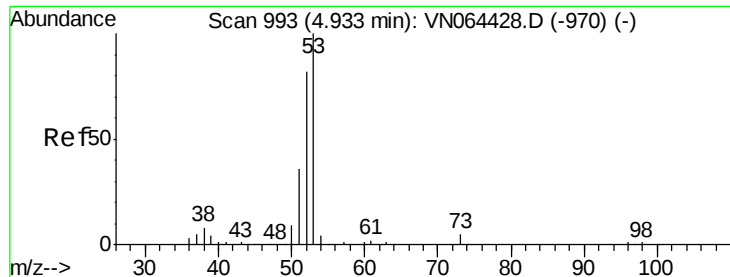
Tot Ion: 56 Resp: 184
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.9 83.9#



#14
 Allyl chloride
 Concen: 0.362 ug/l
 RT: 4.34 min Scan# 810
 Delta R.T. 0.07 min
 Lab File: VN064533.D
 Acq: 10 Nov 2020 18:13

Tgt Ion: 41 Resp: 1832
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.8 92.8#
 76 0.0 25.4 38.0#





#15

Acrylonitrile

Concen: 0.439 ug/l

RT: 4.96 min Scan# 1002

Delta R.T. 0.03 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500

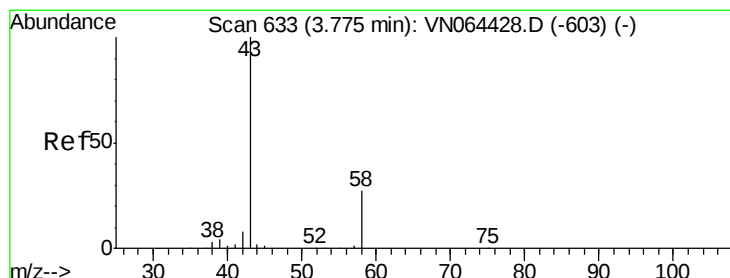
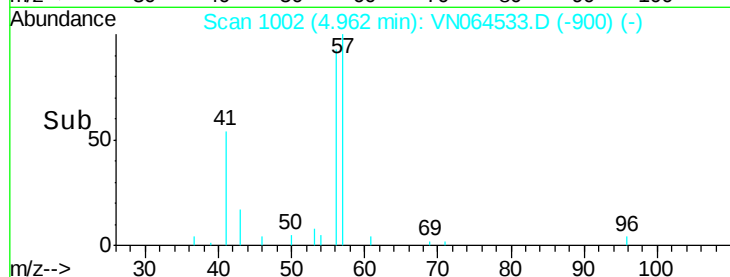
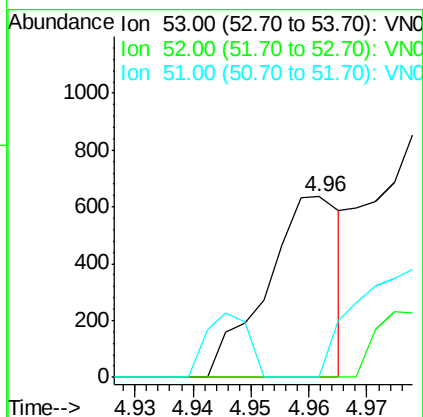
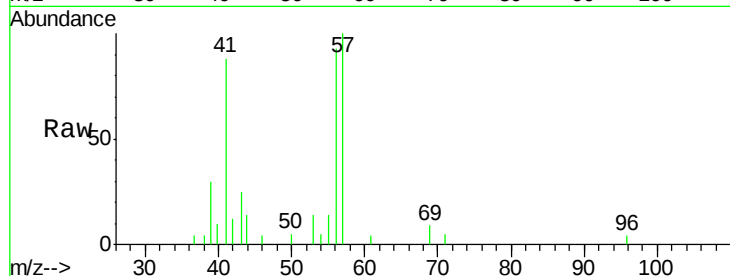
Tot Ion: 53 Resp: 567

Ion Ratio Lower Upper

53 100

52 0.0 65.6 98.4#

51 19.9 29.9 44.9#



#16

Acetone

Concen: 12.969 ug/l

RT: 3.76 min Scan# 627

Delta R.T. -0.02 min

Lab File: VN064533.D

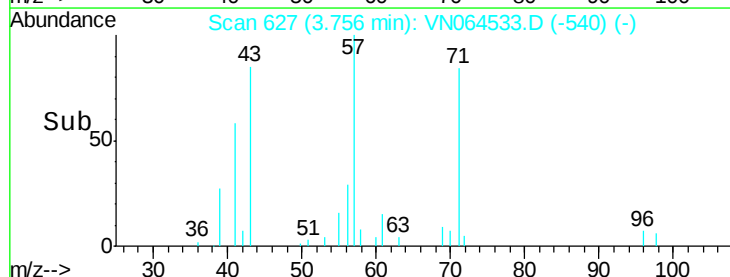
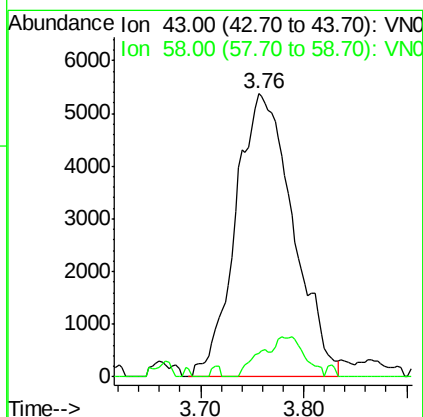
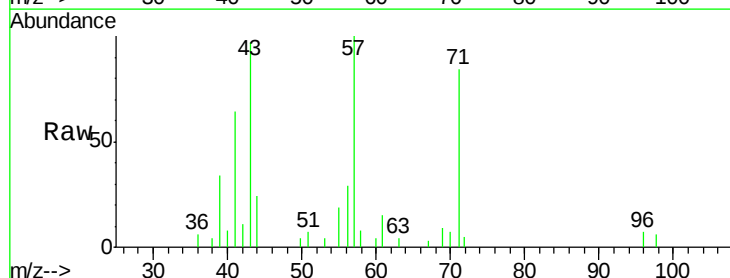
Acq: 10 Nov 2020 18:13

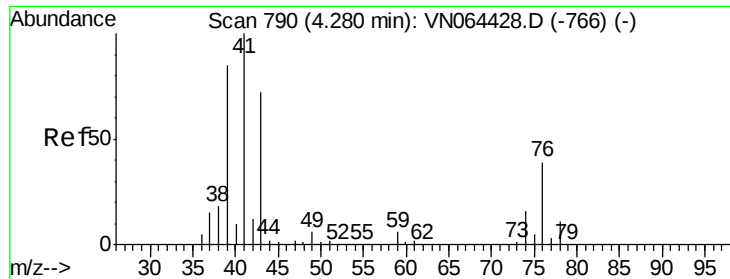
Tgt Ion: 43 Resp: 20798

Ion Ratio Lower Upper

43 100

58 8.4 21.4 32.0#

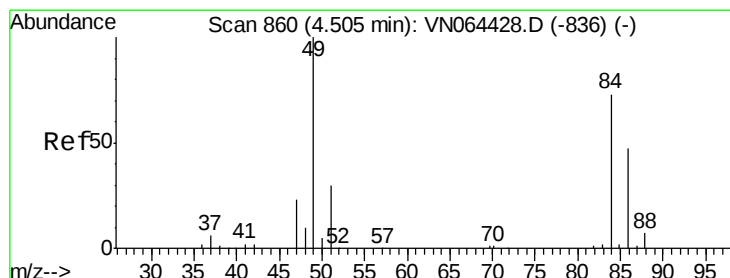
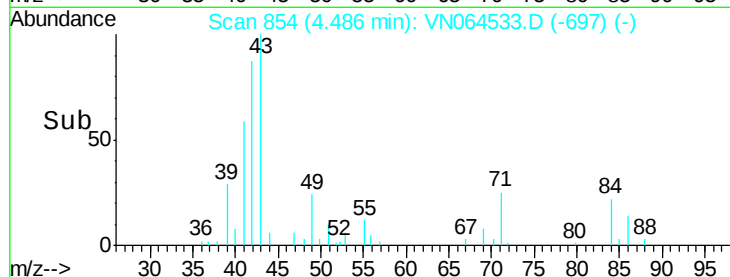
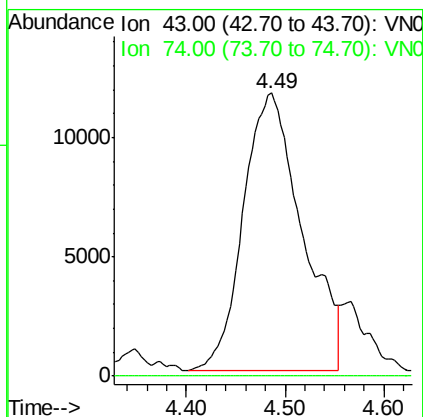
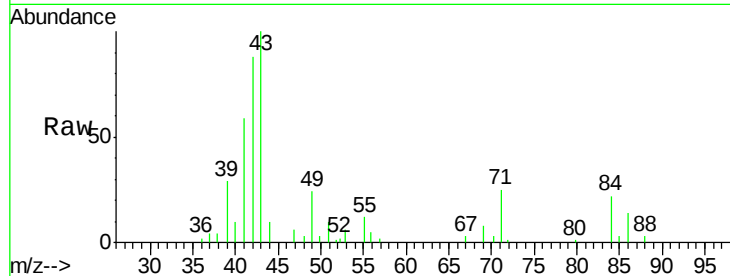




#18
Methyl Acetate
Concen: 15.284 ug/l
RT: 4.49 min Scan# 854
Delta R.T. 0.21 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

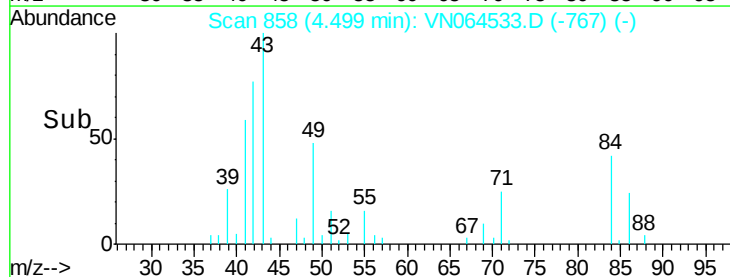
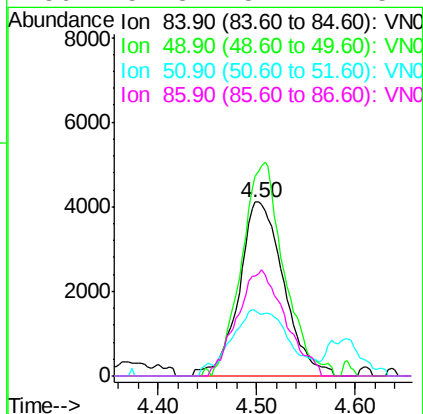
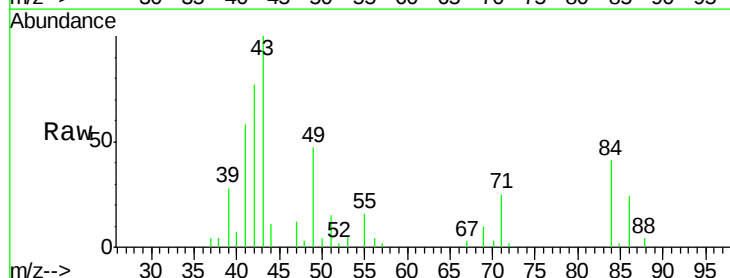
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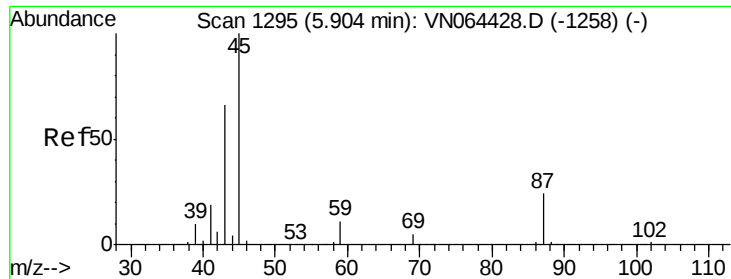
Tot Ion: 43 Resp: 48189
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#20
Methylene Chloride
Concen: 4.047 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

Tgt Ion: 84 Resp: 12876
Ion Ratio Lower Upper
84 100
49 115.0 110.1 165.1
51 37.3 33.6 50.4
86 57.3 52.1 78.1





#22

Diisopropyl ether

Concen: 0.603 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500

Tot Ion: 45 Resp: 6468

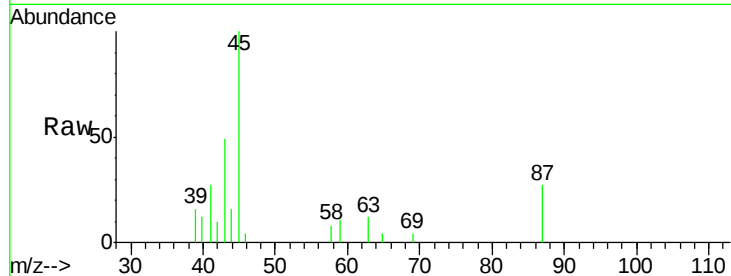
Ion Ratio Lower Upper

45 100

43 44.9 53.2 79.8#

87 26.6 19.9 29.9

59 11.4 8.6 13.0

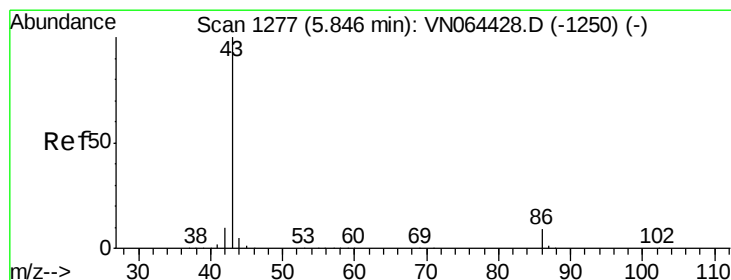
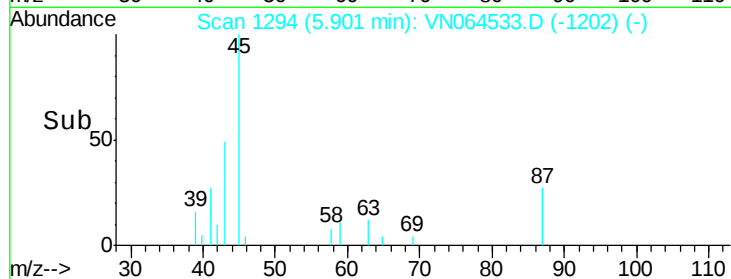
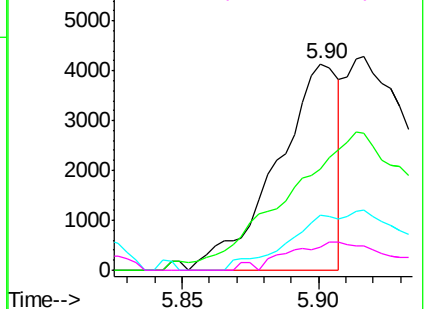


Abundance Ion 45.00 (44.70 to 45.70): VN0

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



#23

Vinyl Acetate

Concen: 1.044 ug/l

RT: 5.91 min Scan# 1298

Delta R.T. 0.07 min

Lab File: VN064533.D

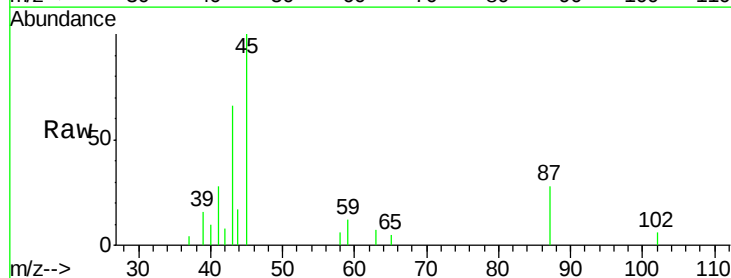
Acq: 10 Nov 2020 18:13

Tgt Ion: 43 Resp: 9118

Ion Ratio Lower Upper

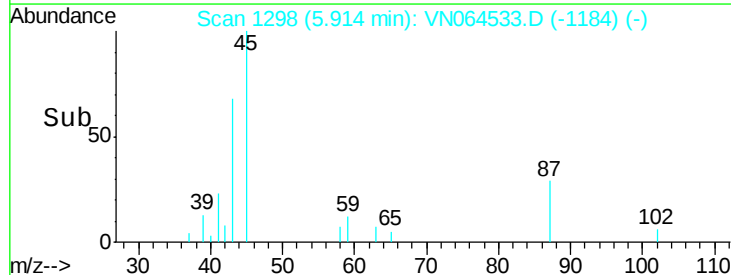
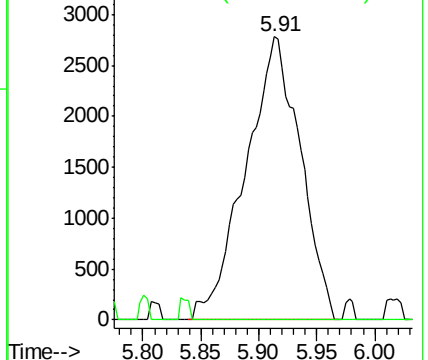
43 100

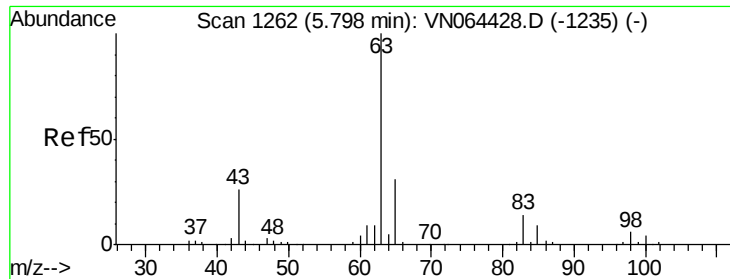
86 0.0 6.8 10.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#24

1,1-Dichloroethane

Concen: 42.607 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064533.D

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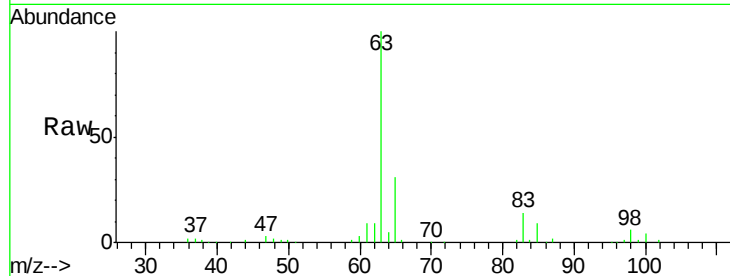
Tot Ion: 63 Resp: 251315

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

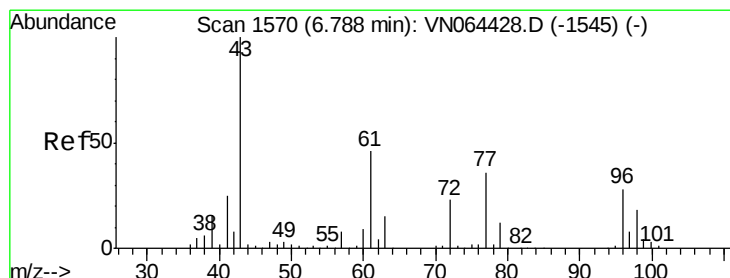
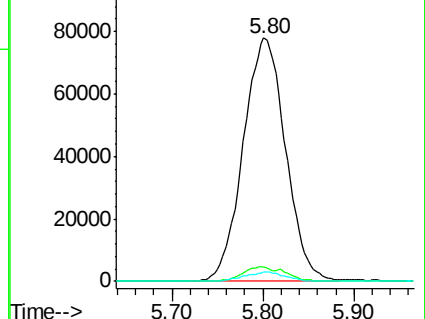
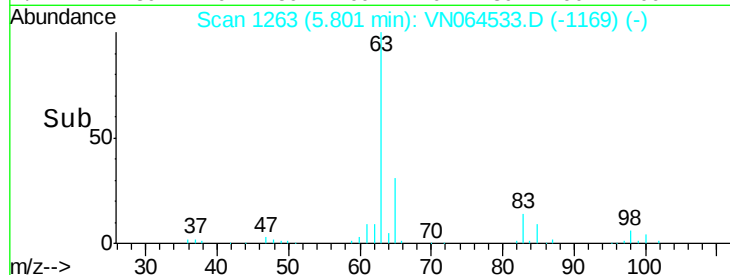
100 3.6 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN064533.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064533.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064533.D (-1169) (-)



#25

2-Butanone

Concen: 0.321 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN064533.D

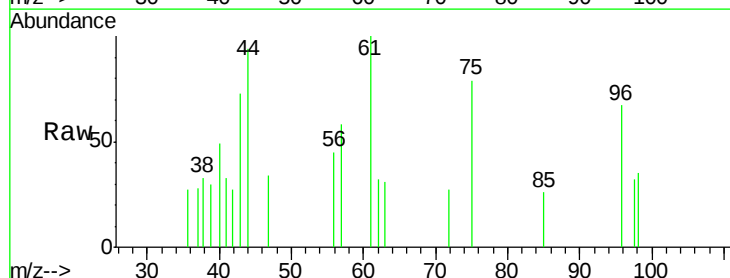
Acq: 10 Nov 2020 18:13

Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

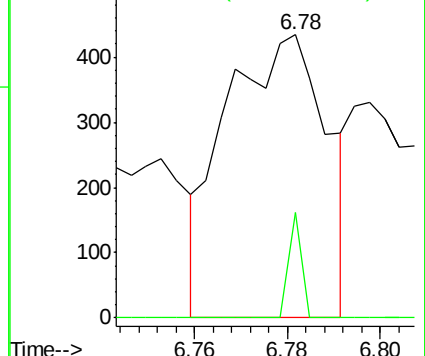
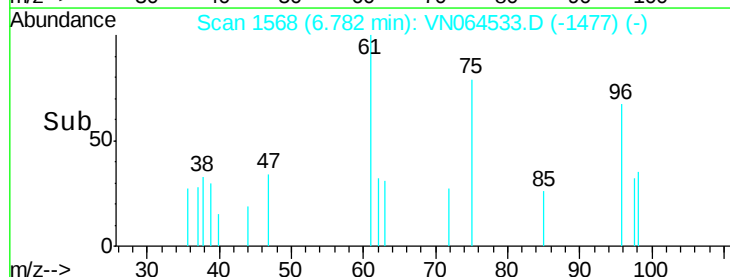
43 100

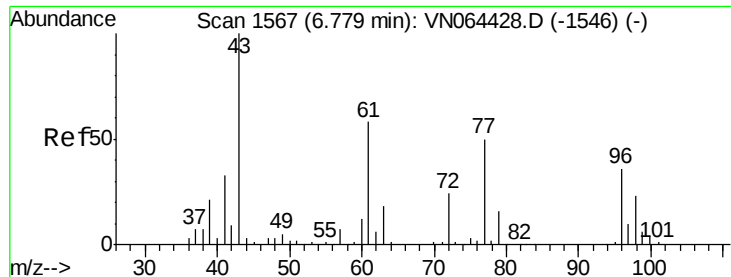
72 66.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VN064533.D (-1477) (-)

Ion 72.00 (71.70 to 72.70): VN064533.D (-1477) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.200 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500

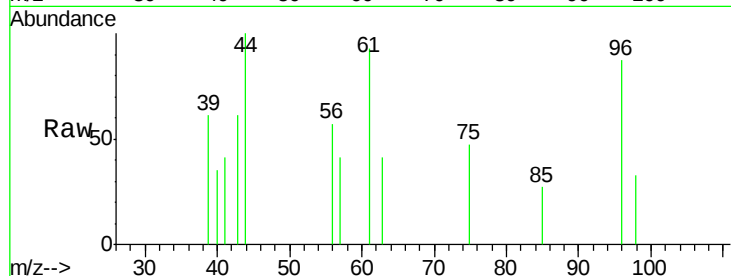
Tot Ion: 96 Resp: 681

Ion Ratio Lower Upper

96 100

61 55.8 0.0 329.6

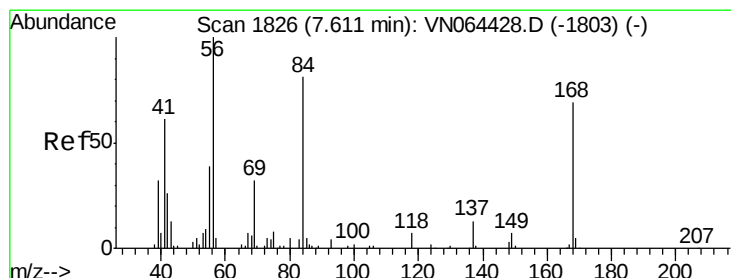
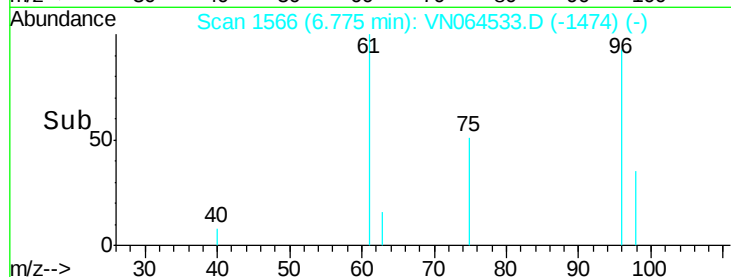
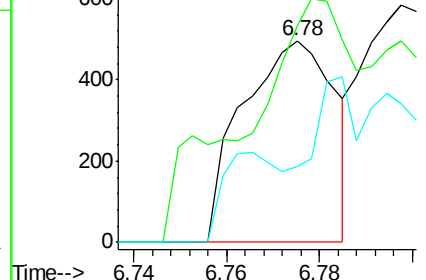
98 18.9 0.0 131.2



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



#31

Cyclohexane

Concen: 1.919 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

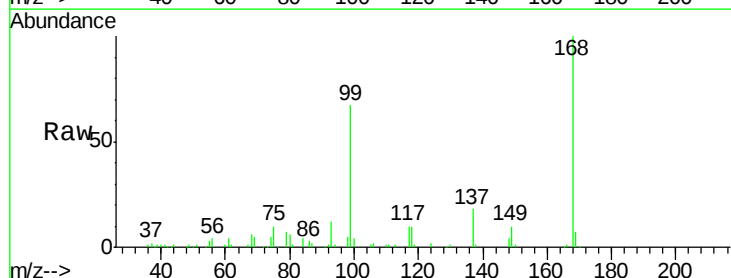
Tgt Ion: 56 Resp: 9822

Ion Ratio Lower Upper

56 100

69 127.2 25.6 38.4#

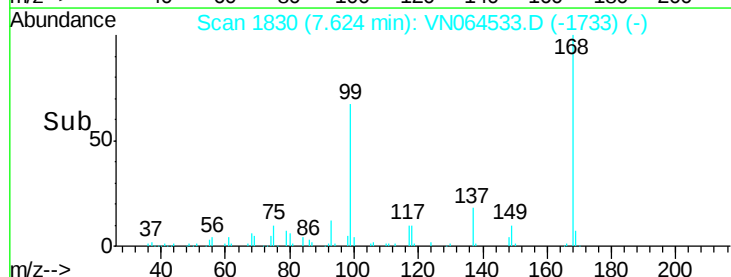
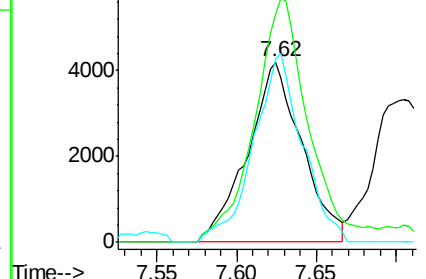
84 102.1 63.0 94.6#

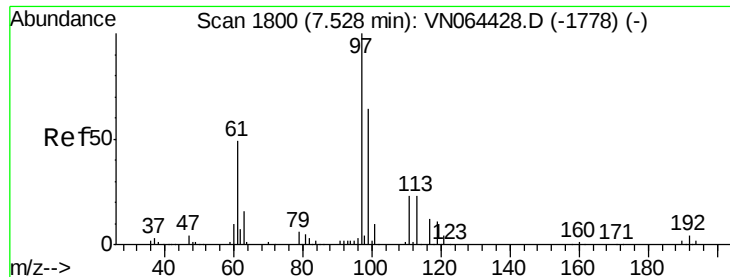


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#32

1,1,1-Trichloroethane

Concen: 5.583 ug/l

RT: 7.54 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500

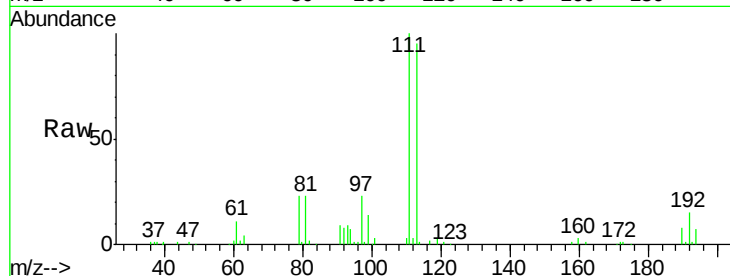
Tot Ion: 97 Resp: 30702

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

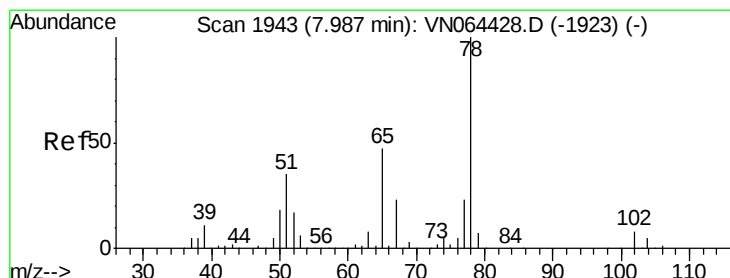
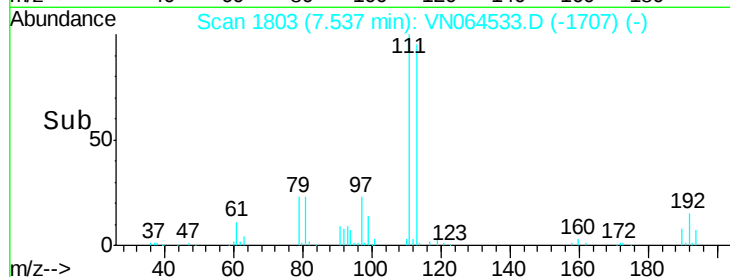
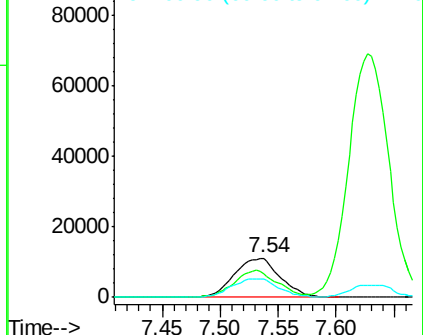
61 48.8 39.1 58.7



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: 55.698 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064533.D

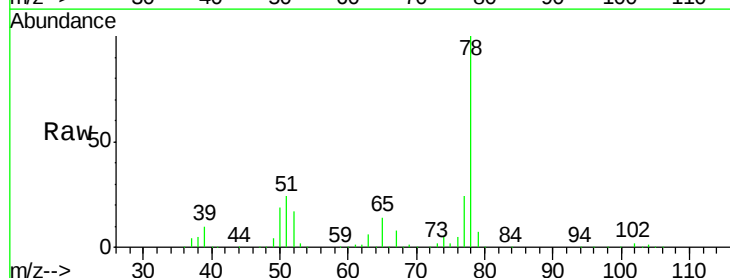
Acq: 10 Nov 2020 18:13

Tgt Ion: 65 Resp: 234495

Ion Ratio Lower Upper

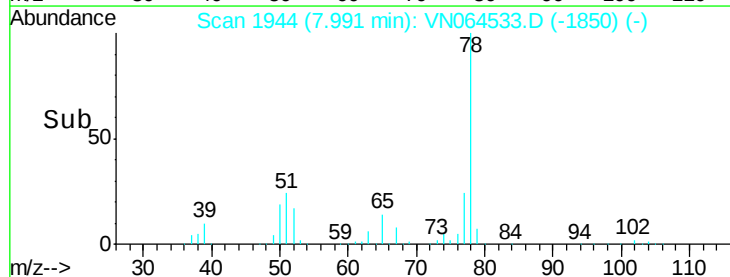
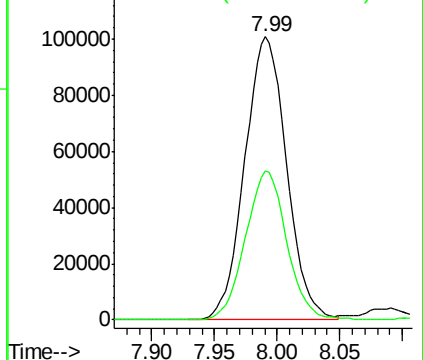
65 100

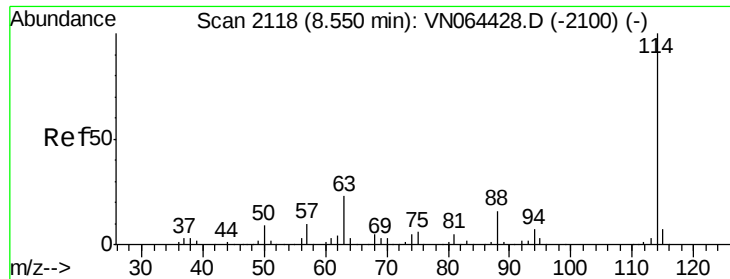
67 51.9 0.0 101.6



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

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

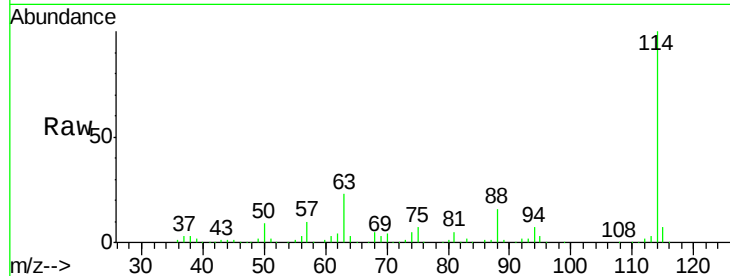




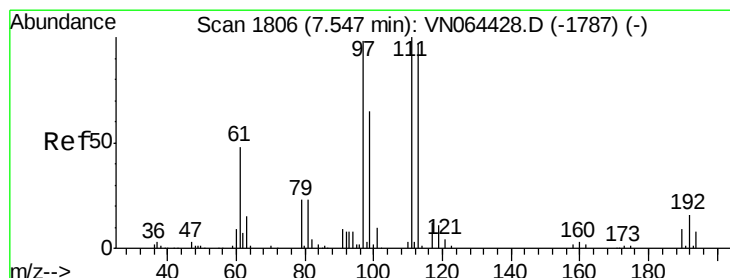
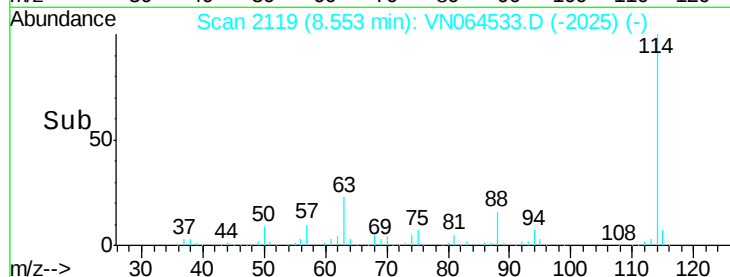
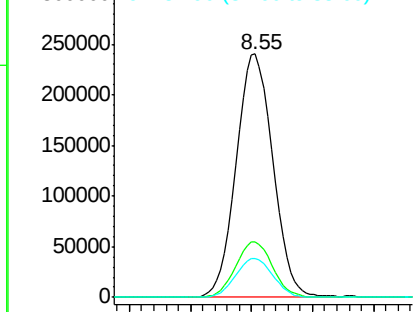
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

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

Tot Ion:114 Resp: 501035
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.6
88 16.1 0.0 32.8

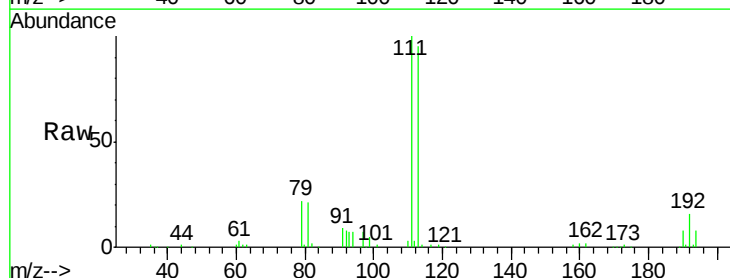


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

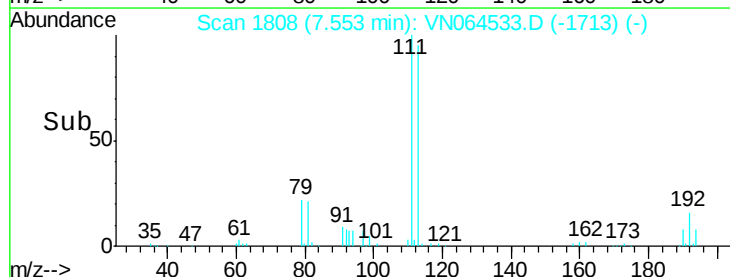
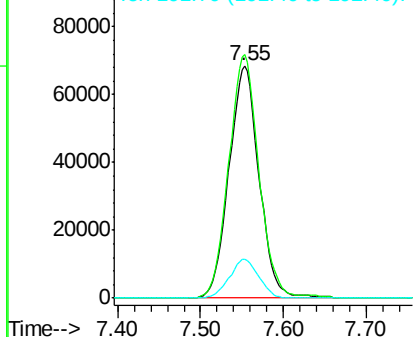


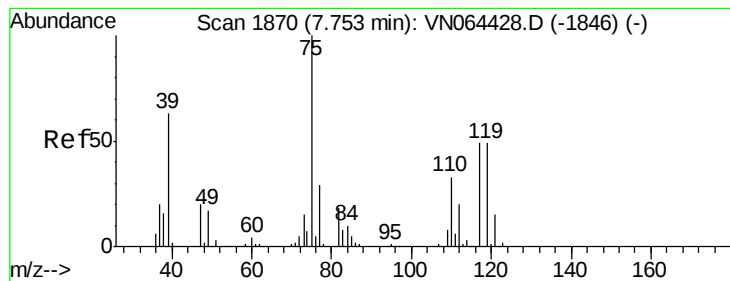
#35
Dibromofluoromethane
Concen: 50.565 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

Tgt Ion:113 Resp: 172494
Ion Ratio Lower Upper
113 100
111 105.1 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: 4.492 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500

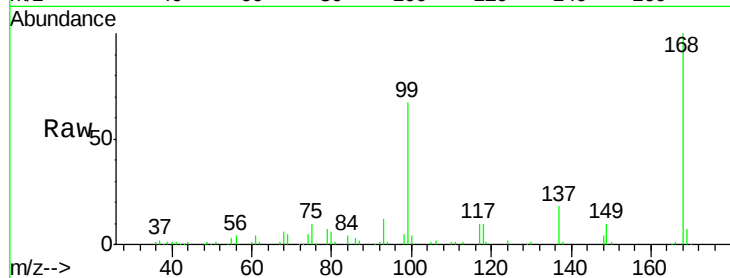
Tot Ion: 75 Resp: 23777

Ion Ratio Lower Upper

75 100

110 1.5 16.0 48.0#

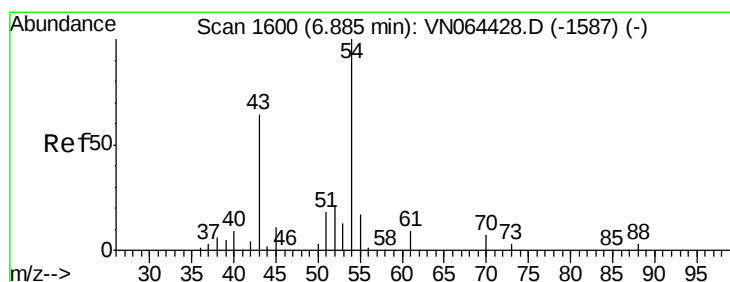
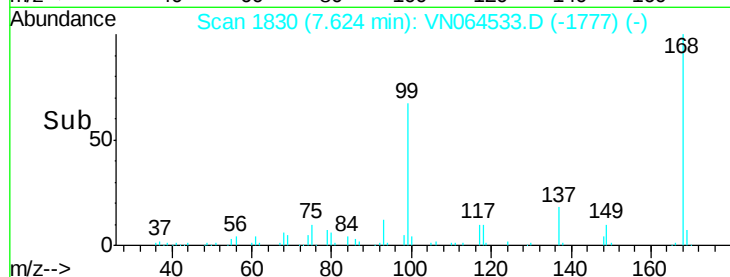
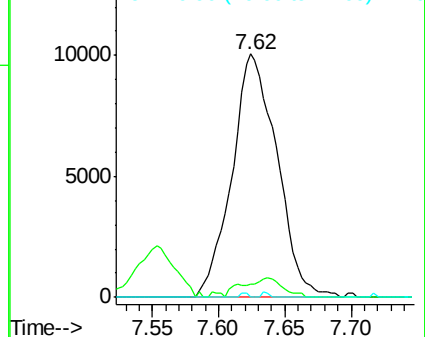
77 0.0 24.0 36.0#



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: 0.833 ug/l

RT: 6.87 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

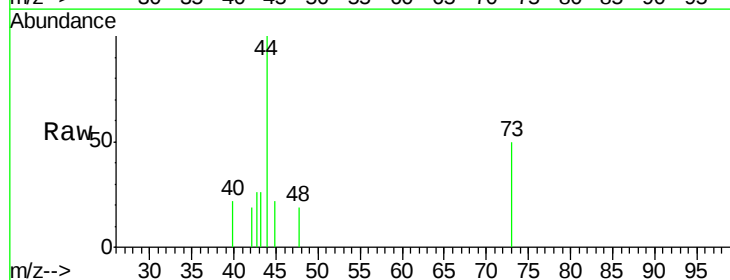
Tgt Ion: 43 Resp: 383

Ion Ratio Lower Upper

43 100

61 0.0 10.0 15.0#

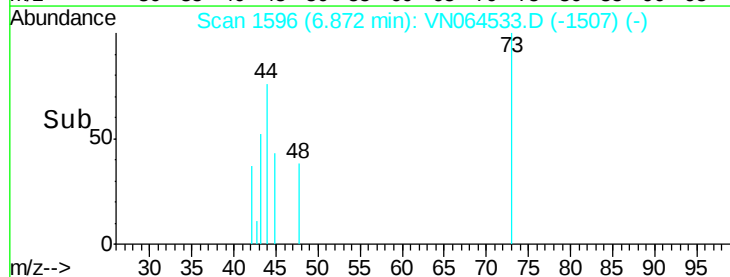
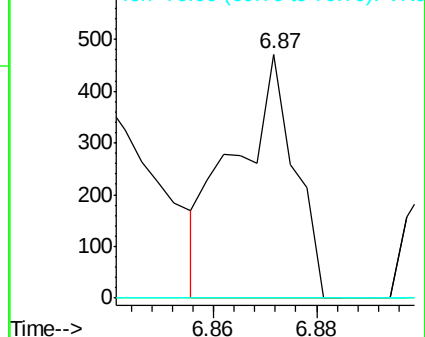
70 0.0 7.1 10.7#

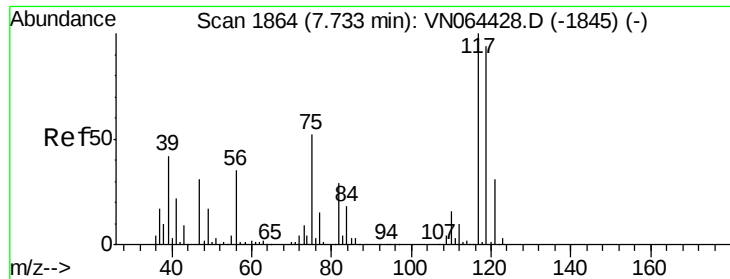


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

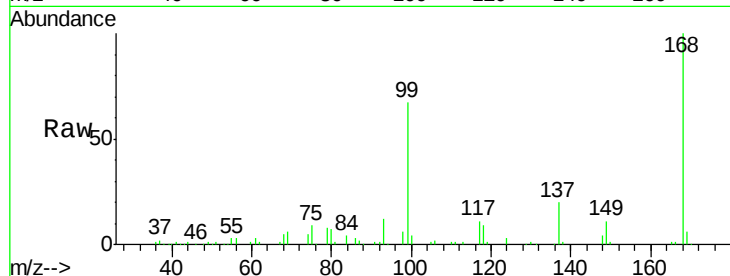




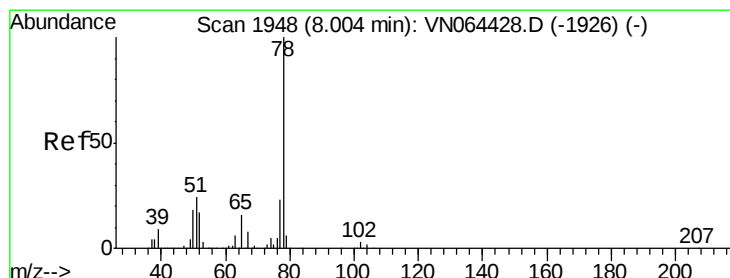
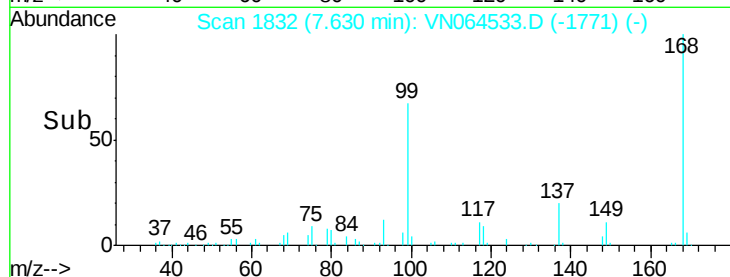
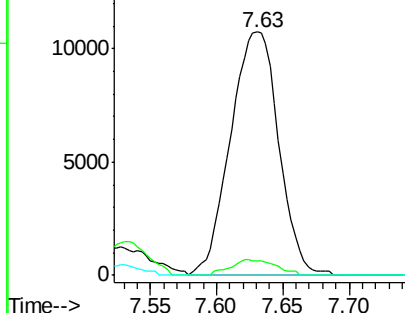
#38
Carbon Tetrachloride
Concen: 4.789 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

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

Tot Ion:117 Resp: 27094
Ion Ratio Lower Upper
117 100
119 6.0 75.5 113.3#
121 0.0 24.4 36.6#

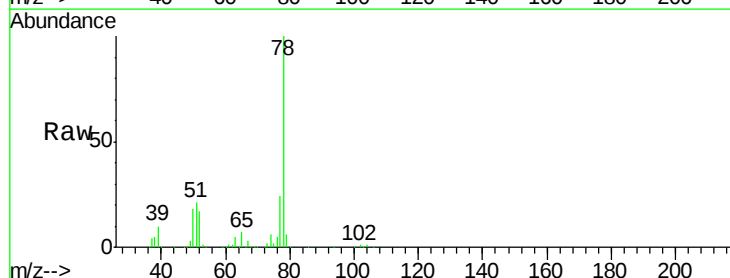


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

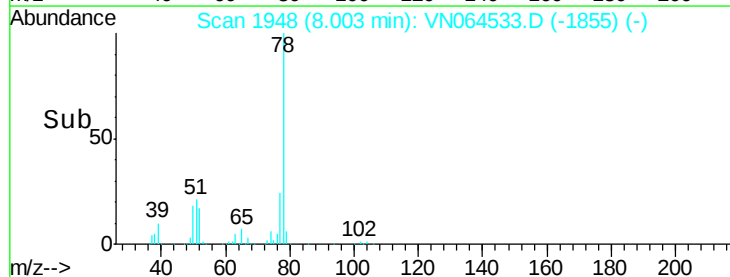
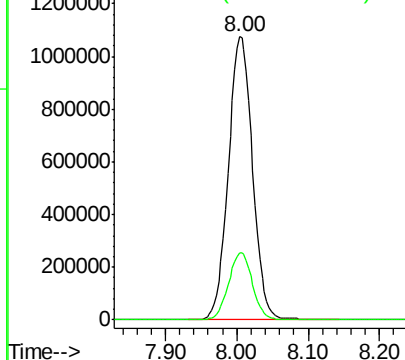


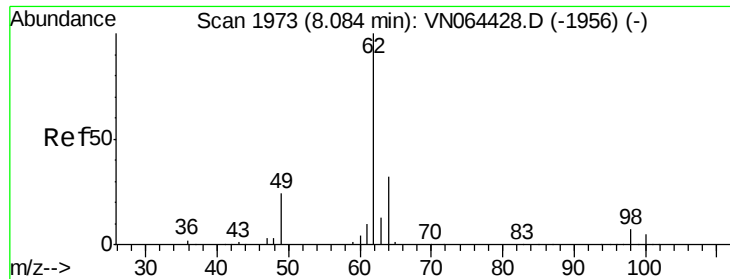
#40
Benzene
Concen: 163.279 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

Tgt Ion: 78 Resp: 2539604
Ion Ratio Lower Upper
78 100
77 23.6 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: 32.490 ug/l

RT: 8.09 min Scan# 1975

Delta R.T. 0.01 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

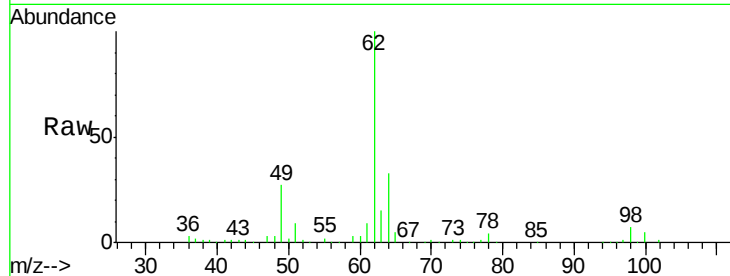
BP-VPB178-GW-498-500

Tot Ion: 62 Resp: 203933

Ion Ratio Lower Upper

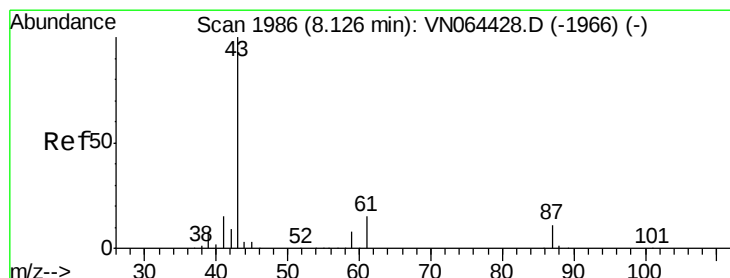
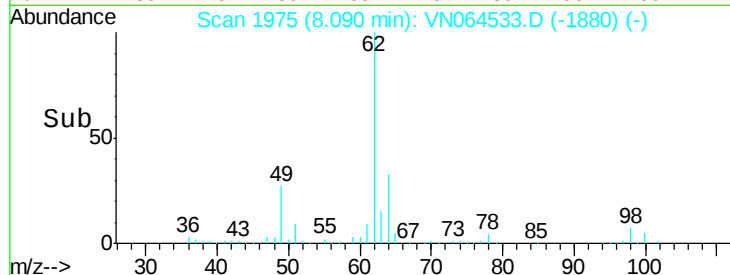
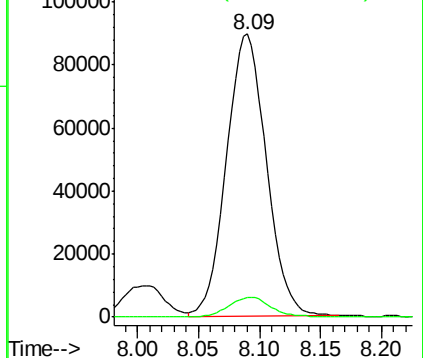
62 100

98 7.5 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 0.784 ug/l

RT: 8.10 min Scan# 1979

Delta R.T. -0.02 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

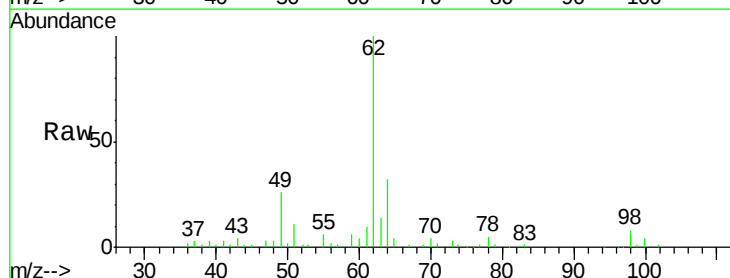
Tgt Ion: 43 Resp: 6728

Ion Ratio Lower Upper

43 100

61 302.7 14.0 21.0#

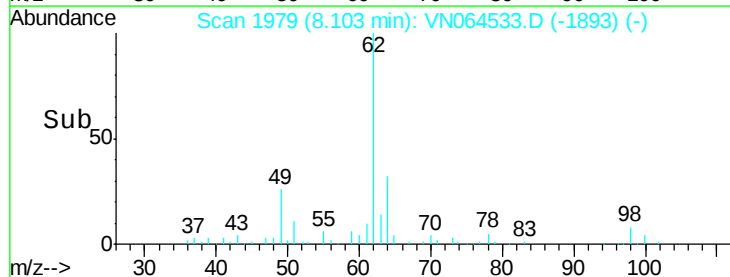
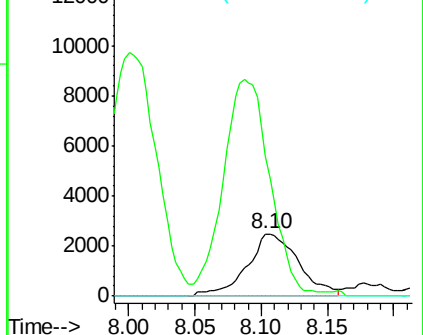
87 0.0 9.1 13.7#

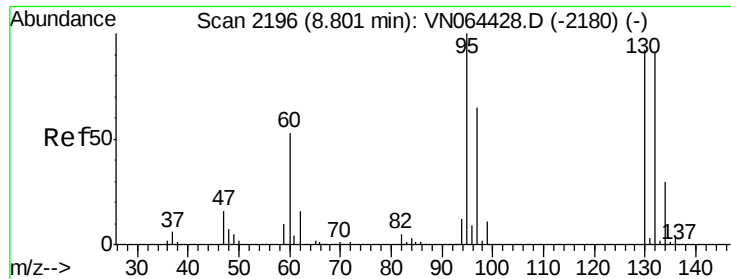


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#44

Trichloroethene

Concen: 1.130 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

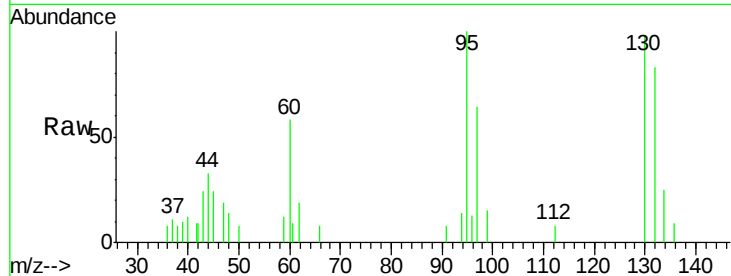
BP-VPB178-GW-498-500

Tot Ion:130 Resp: 4436

Ion Ratio Lower Upper

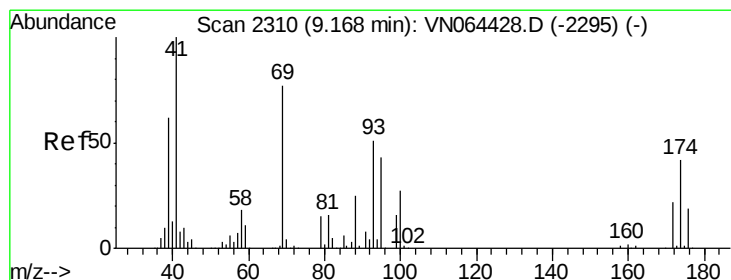
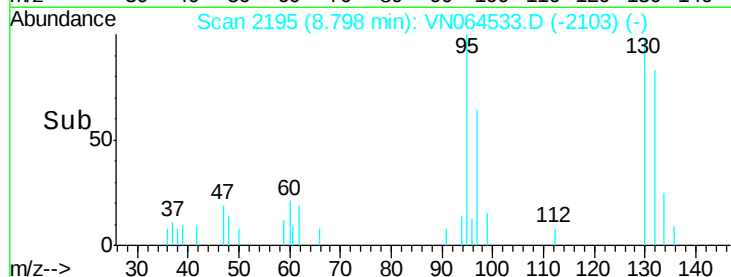
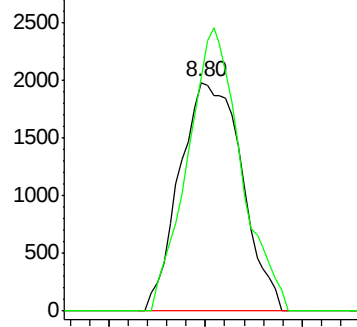
130 100

95 102.1 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: 79.826 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

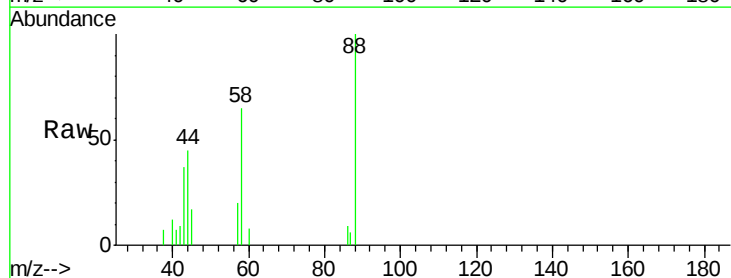
Tgt Ion: 88 Resp: 4551

Ion Ratio Lower Upper

88 100

43 28.2 31.0 46.6#

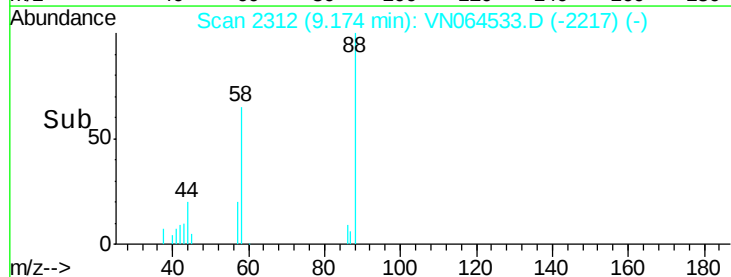
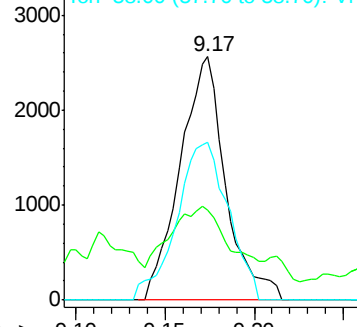
58 73.6 58.4 87.6

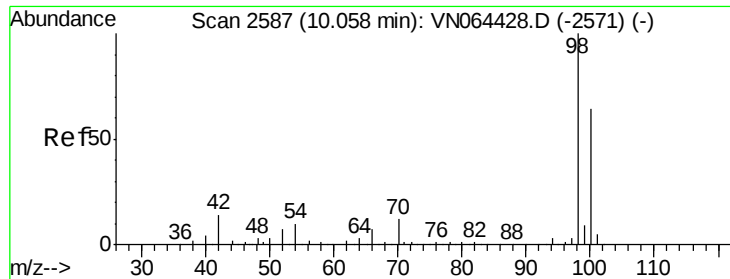


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 48.012 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

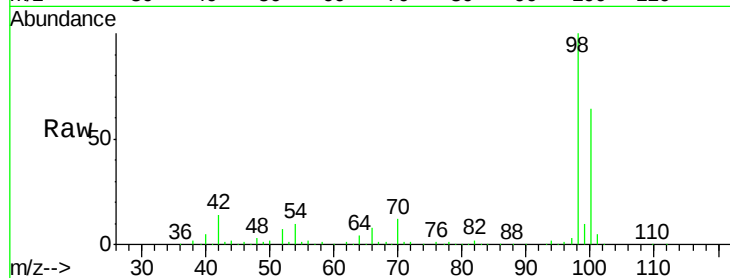
BP-VPB178-GW-498-500

Tot Ion: 98 Resp: 633038

Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

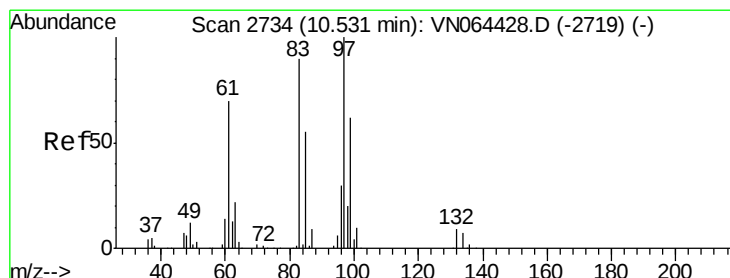
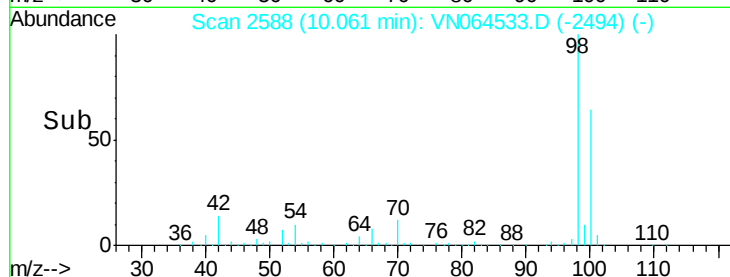
300000

200000

100000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.478 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Tgt Ion: 97 Resp: 1768

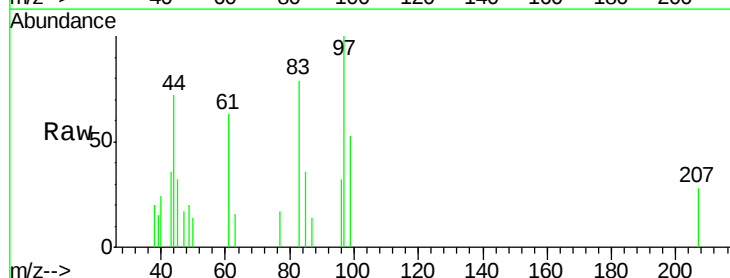
Ion Ratio Lower Upper

97 100

83 79.3 71.7 107.5

85 35.9 44.3 66.5#

99 53.4 49.4 74.2



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.53

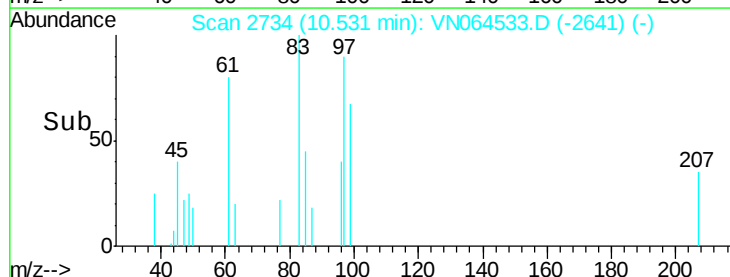
1500

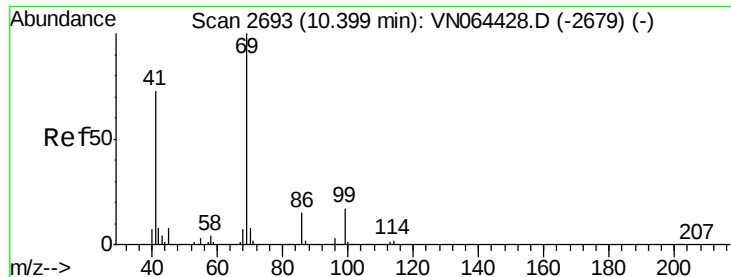
1000

500

0

Time-->





#56

Ethyl methacrylate

Concen: 1.865 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500

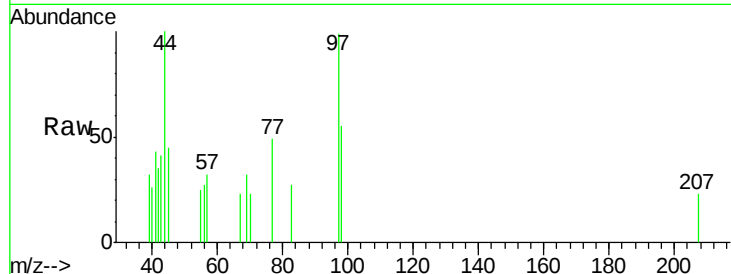
Tot Ion: 69 Resp: 151

Ion Ratio Lower Upper

69 100

41 0.0 59.3 88.9#

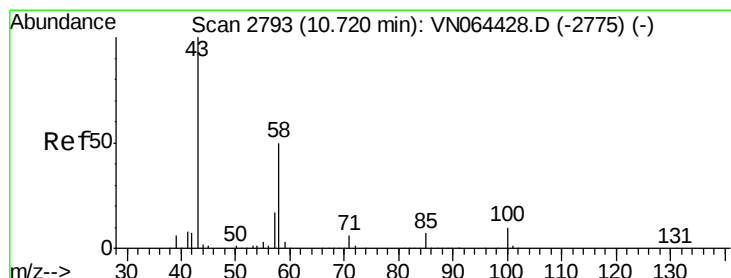
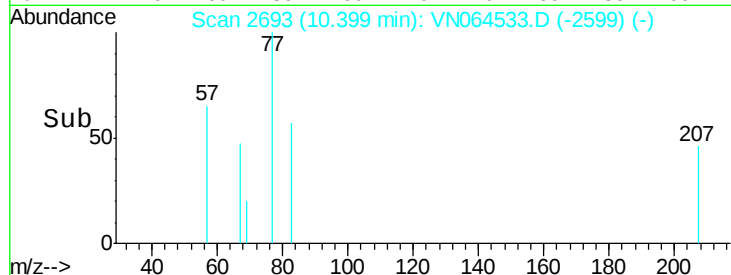
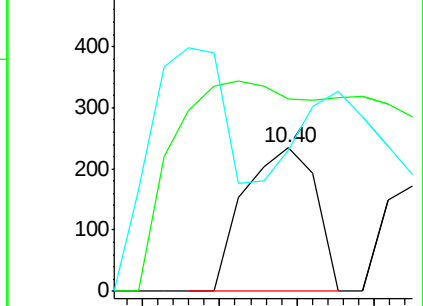
39 200.7 35.4 53.0#



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: 4.099 ug/l

RT: 10.73 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN064533.D

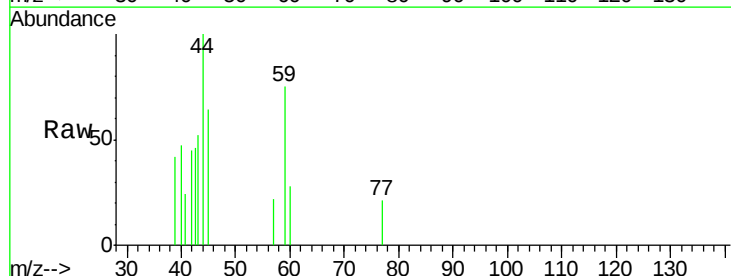
Acq: 10 Nov 2020 18:13

Tgt Ion: 43 Resp: 292

Ion Ratio Lower Upper

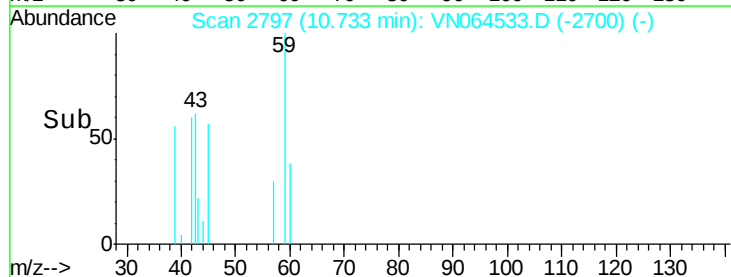
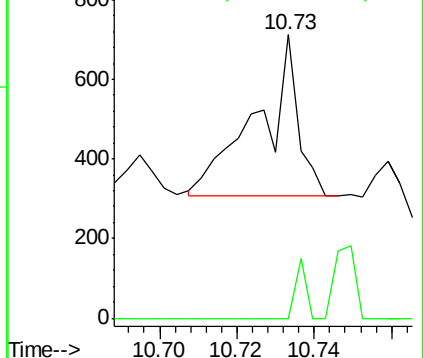
43 100

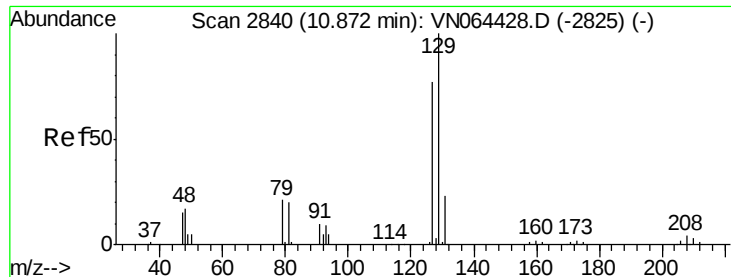
58 9.9 24.7 74.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

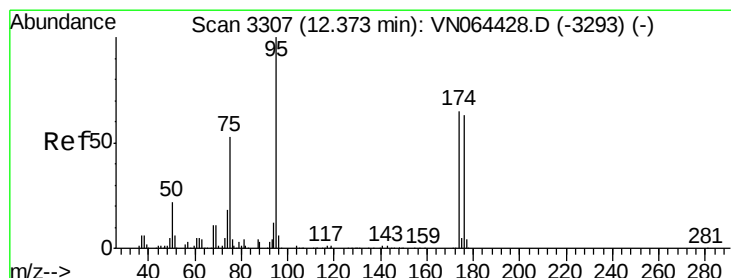
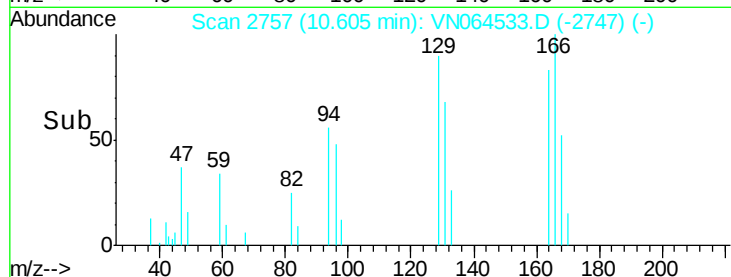
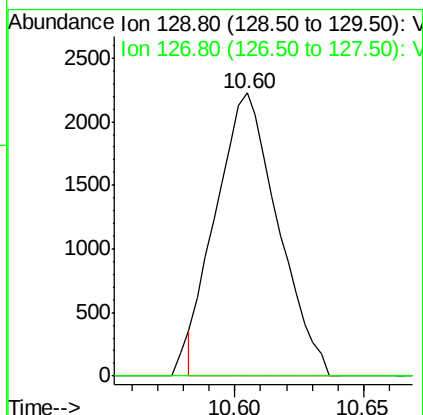
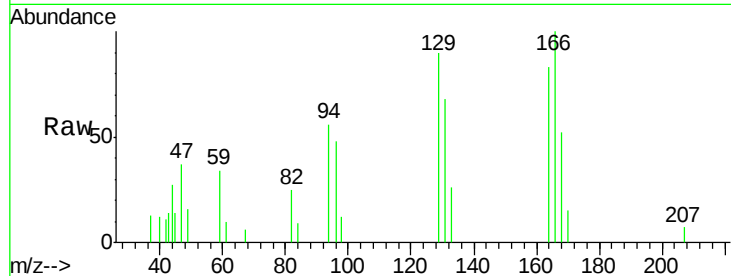




#60
Dibromochloromethane
Concen: 0.893 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. -0.27 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

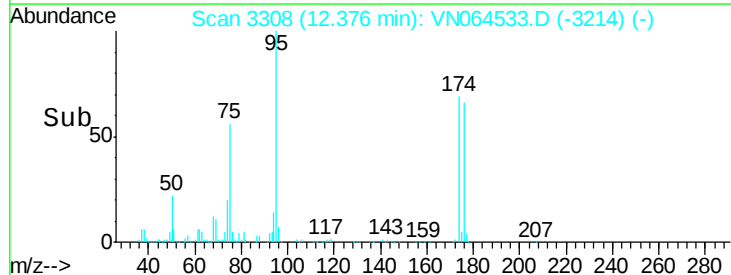
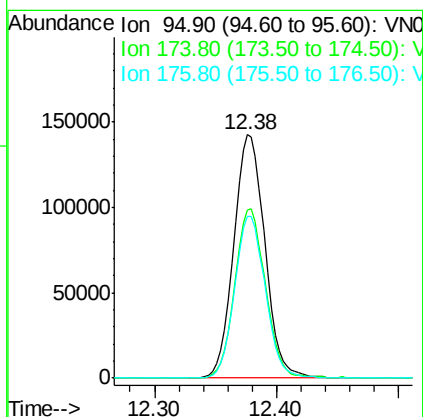
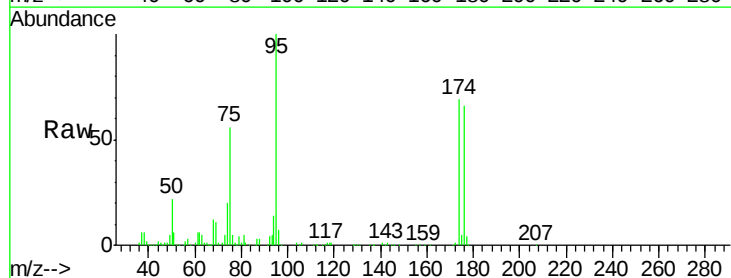
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500

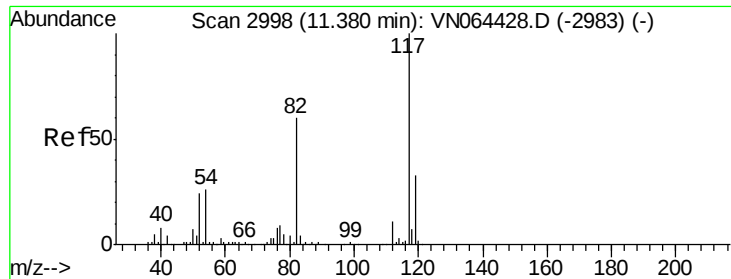
Tot Ion:129 Resp: 3698
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#



#62
4-Bromofluorobenzene
Concen: 50.528 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

Tgt Ion: 95 Resp: 251954
Ion Ratio Lower Upper
95 100
174 68.6 0.0 132.6
176 65.6 0.0 129.2

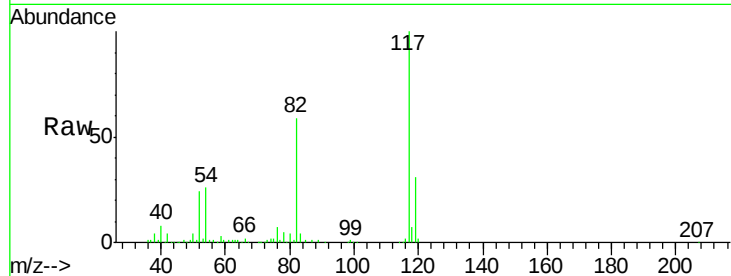




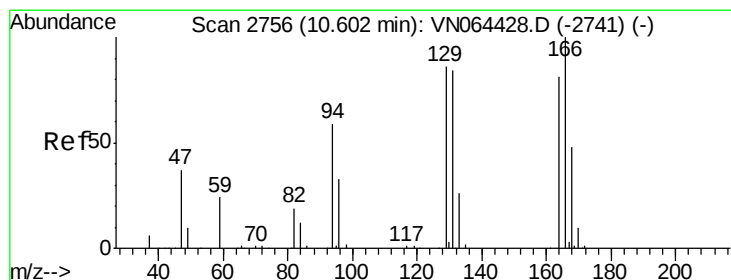
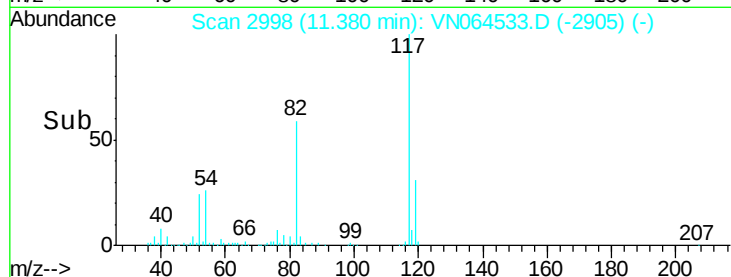
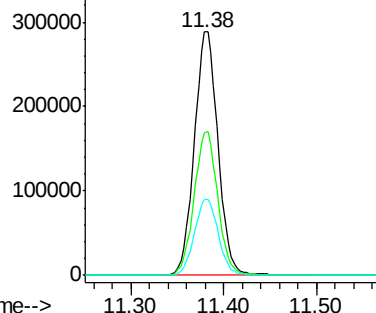
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

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

Tot Ion:117 Resp: 511109
Ion Ratio Lower Upper
117 100
82 58.7 48.1 72.1
119 31.3 26.2 39.4

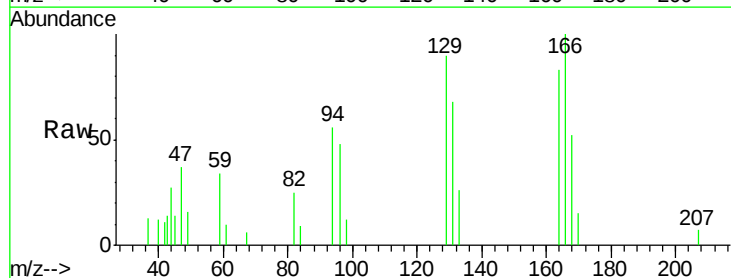


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

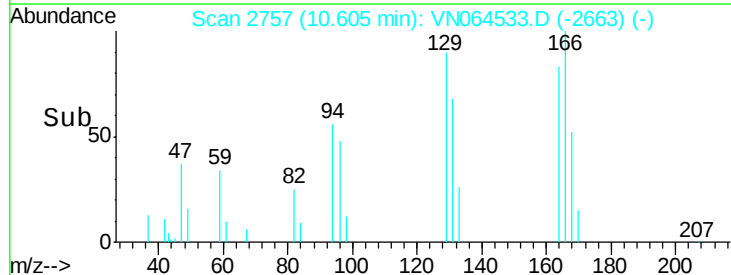
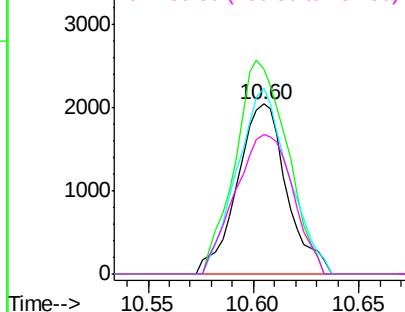


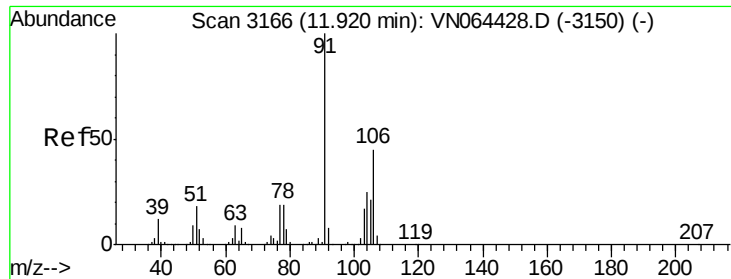
#64
Tetrachloroethene
Concen: 0.846 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

Tgt Ion:164 Resp: 3331
Ion Ratio Lower Upper
164 100
166 120.6 98.2 147.2
129 108.7 84.6 127.0
131 81.6 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

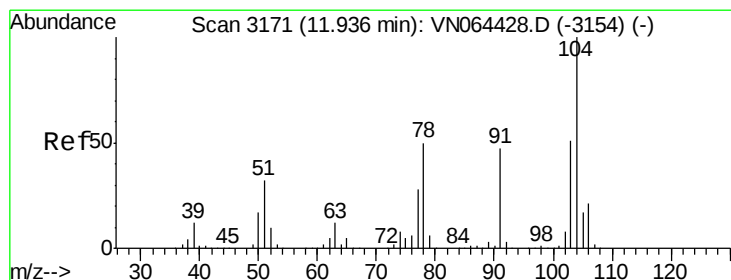
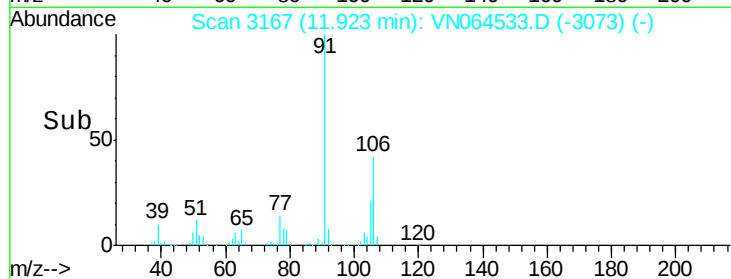
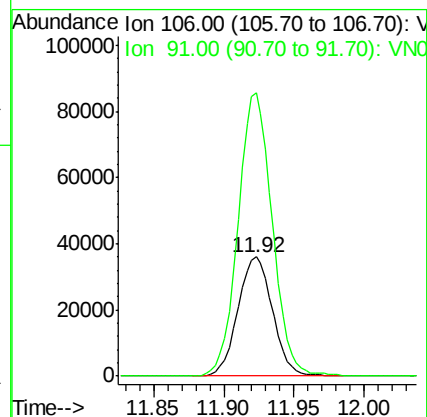
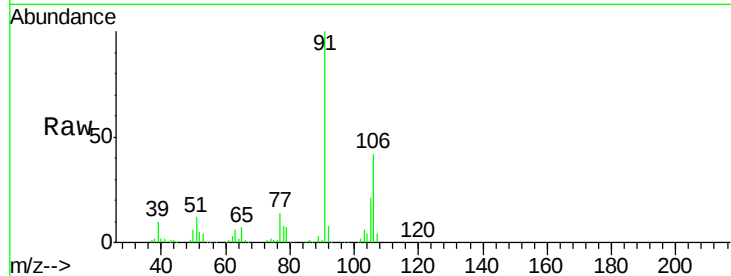




#69
o-Xylene
Concen: 8.912 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

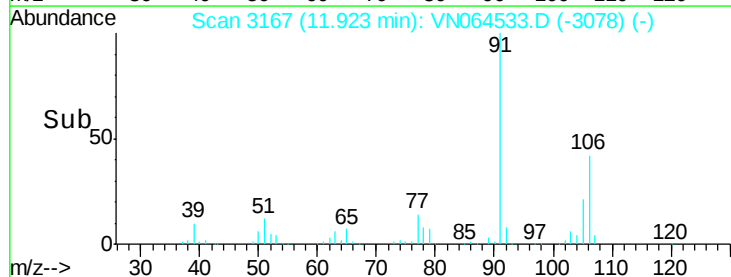
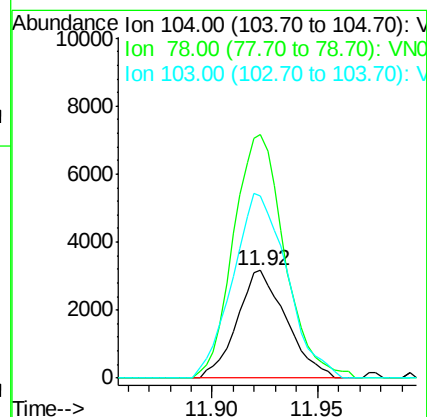
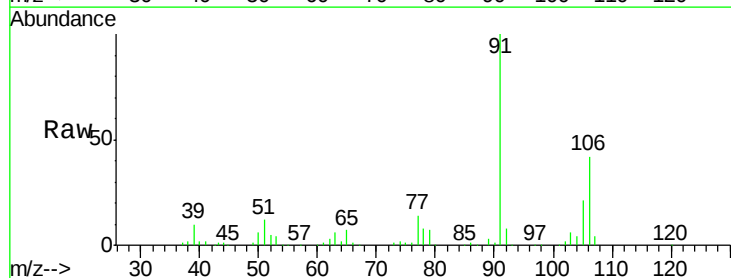
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500

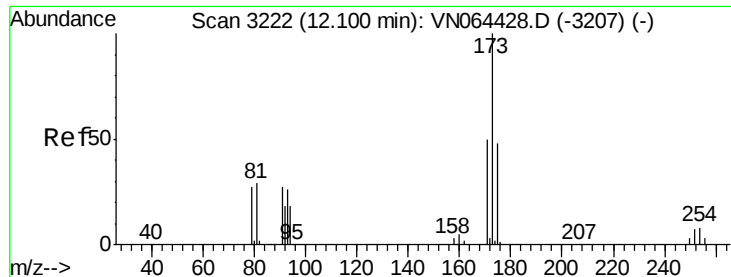
Tot Ion:106 Resp: 62245
Ion Ratio Lower Upper
106 100
91 234.0 111.7 334.9



#70
Styrene
Concen: 0.436 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

Tgt Ion:104 Resp: 5128
Ion Ratio Lower Upper
104 100
78 234.6 44.0 66.0#
103 189.5 43.8 65.6#





#71

Bromoform

Concen: 1.406 ug/l

RT: 12.37 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500

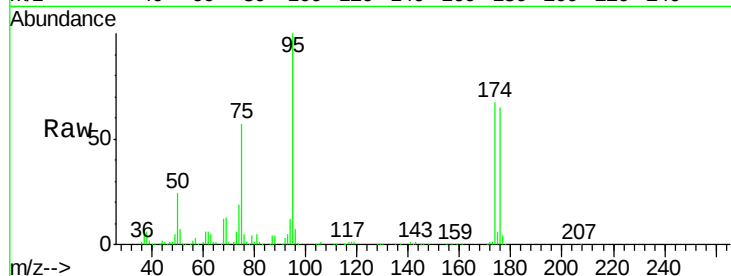
Tot Ion:173 Resp: 423

Ion Ratio Lower Upper

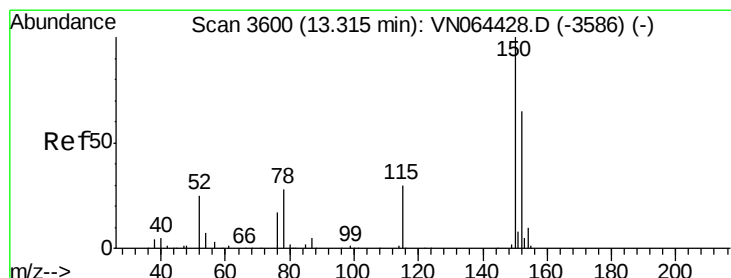
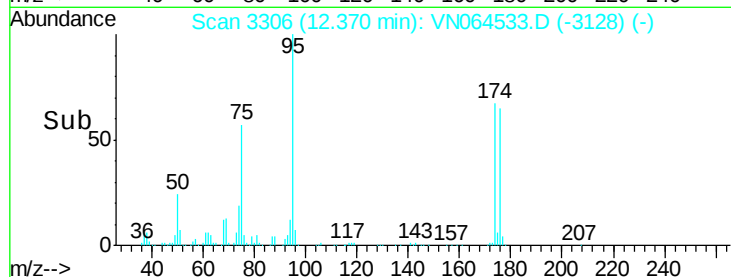
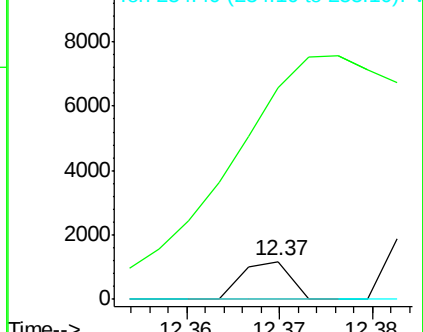
173 100

175 2548.7 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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

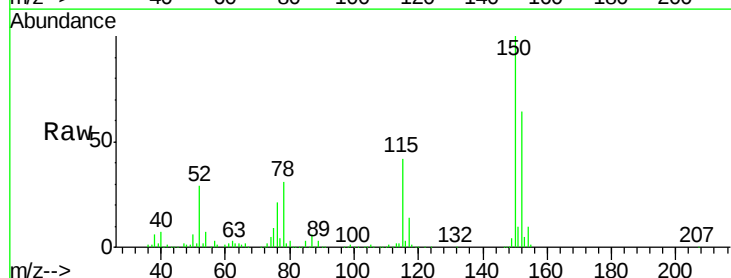
Tgt Ion:152 Resp: 190217

Ion Ratio Lower Upper

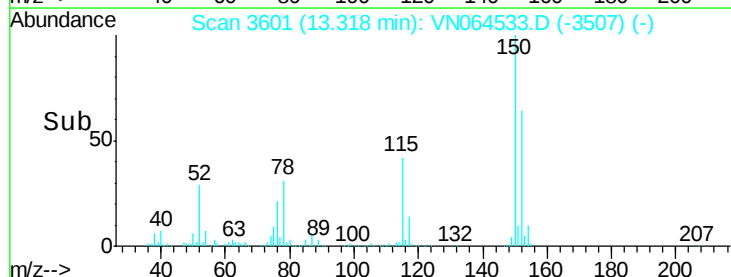
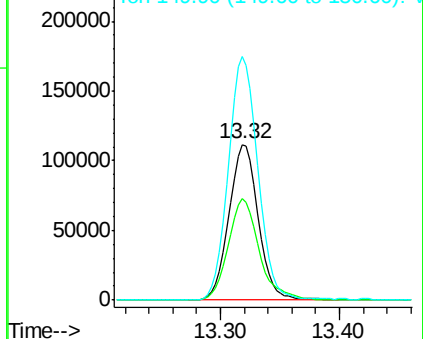
152 100

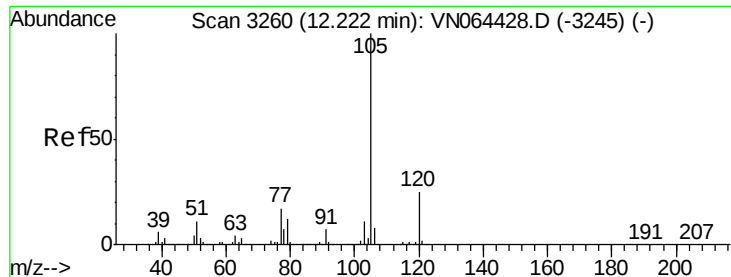
115 69.2 32.0 96.0

150 158.2 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

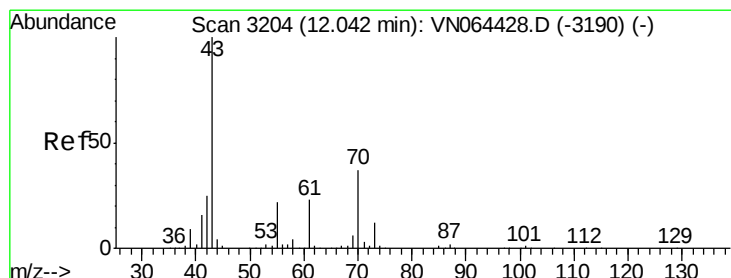
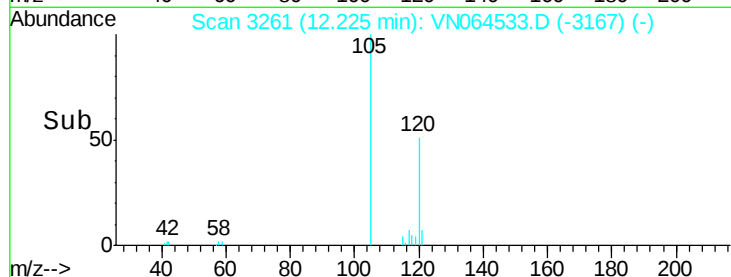
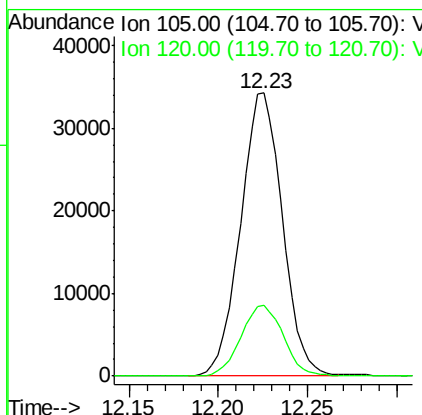
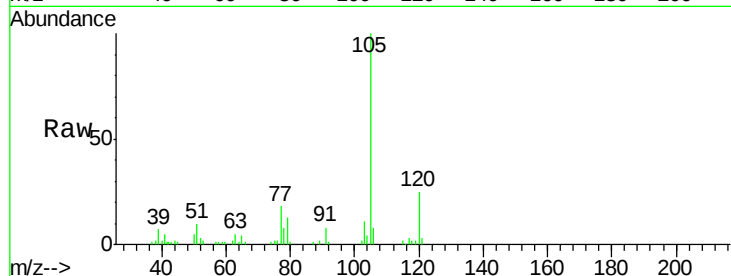




#73
Isopropylbenzene
Concen: 3.702 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

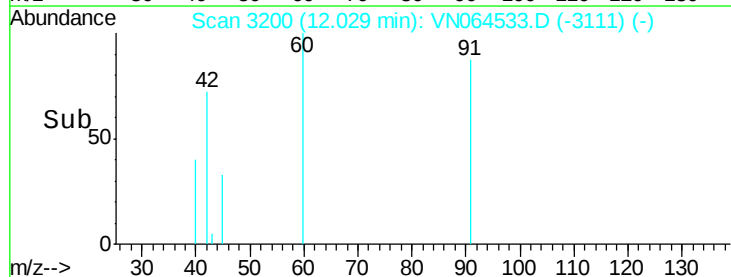
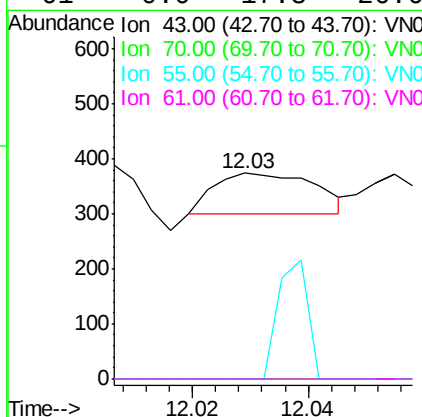
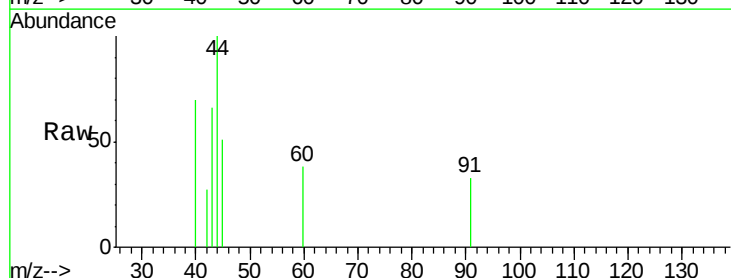
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500

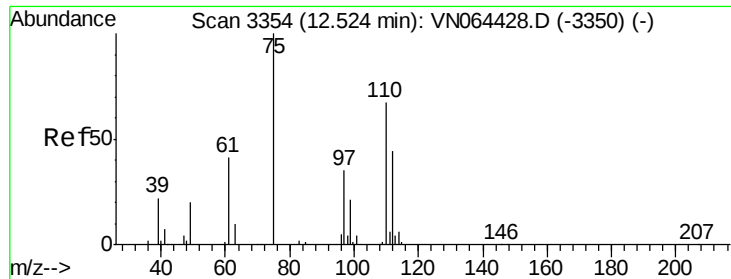
Tot Ion:105 Resp: 55969
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3



#74
N-ethyl acetate
Concen: 1.226 ug/l
RT: 12.03 min Scan# 3200
Delta R.T. -0.01 min
Lab File: VN064533.D
Acq: 10 Nov 2020 18:13

Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
70 0.0 29.6 44.4#
55 88.5 18.4 27.6#
61 0.0 17.8 26.6#





#76

1,2,3-Trichloropropane

Concen: 29.589 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

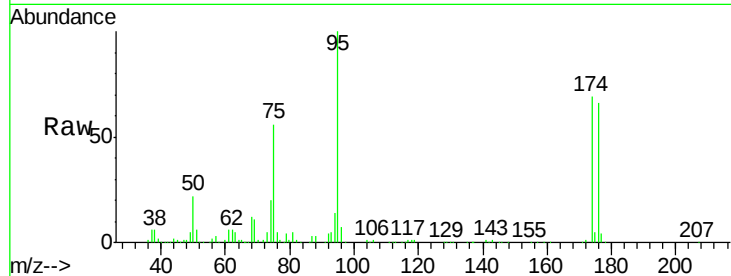
BP-VPB178-GW-498-500

Tot Ion: 75 Resp: 136371

Ion Ratio Lower Upper

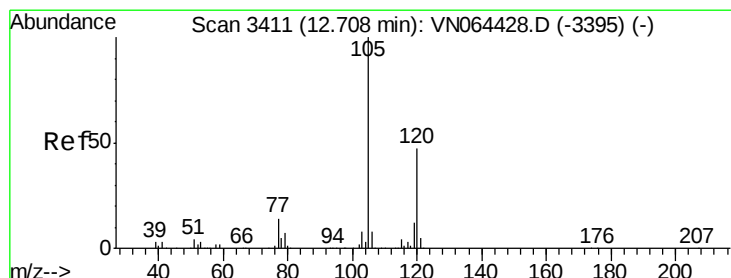
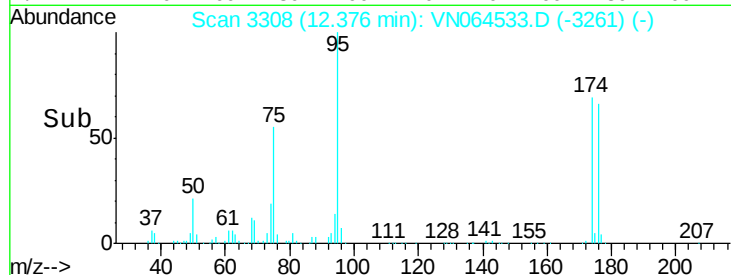
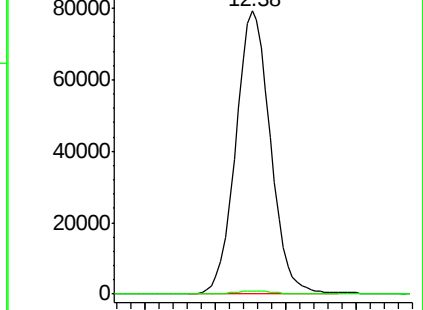
75 100

77 1.3 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) (-)



#80

1,3,5-Trimethylbenzene

Concen: 6.293 ug/l

RT: 12.87 min Scan# 3461

Delta R.T. 0.16 min

Lab File: VN064533.D

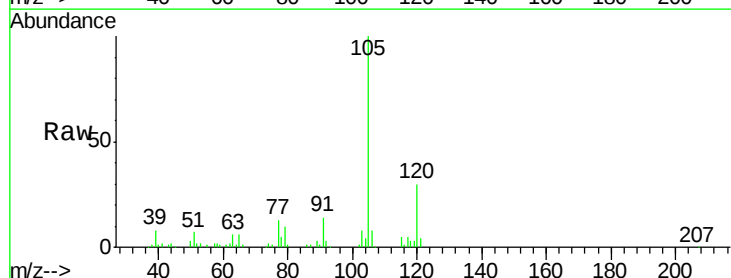
Acq: 10 Nov 2020 18:13

Tgt Ion: 105 Resp: 78489

Ion Ratio Lower Upper

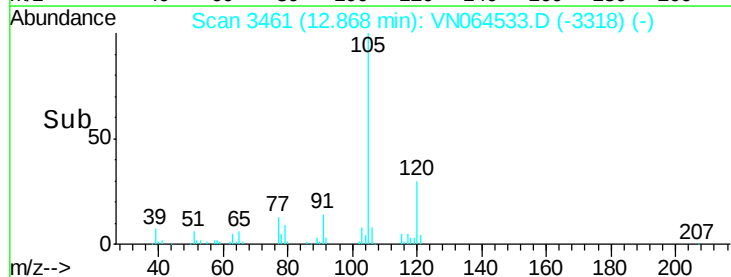
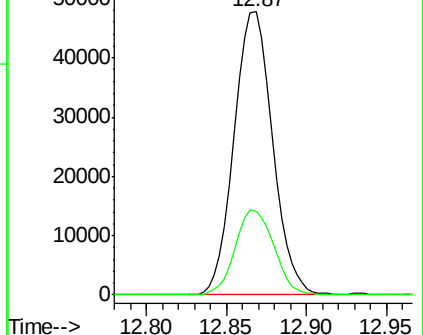
105 100

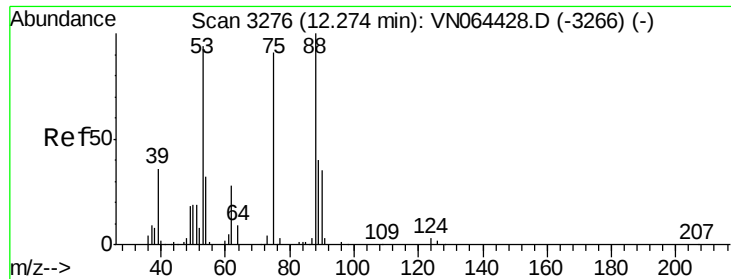
120 30.1 23.4 70.2



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 82.617 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500

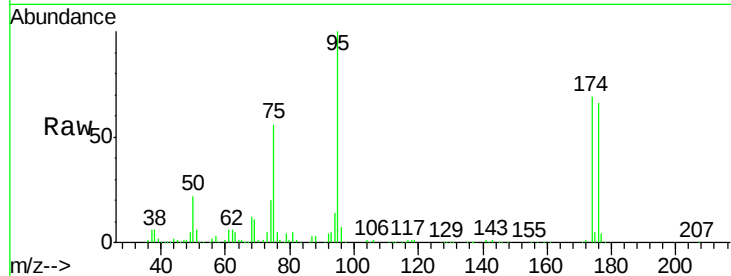
Tot Ion: 75 Resp: 136371

Ion Ratio Lower Upper

75 100

53 0.3 84.0 126.0#

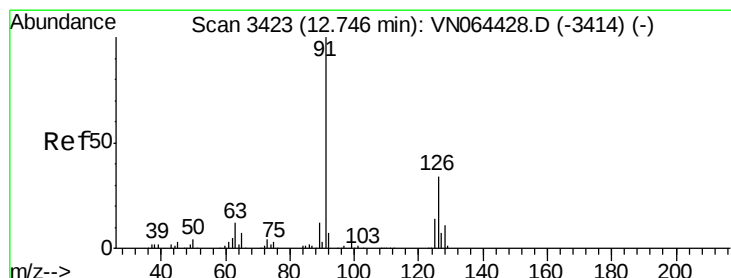
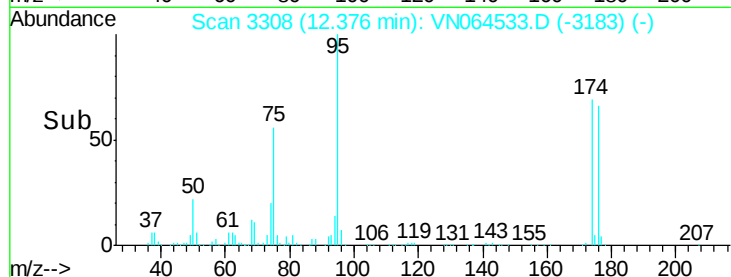
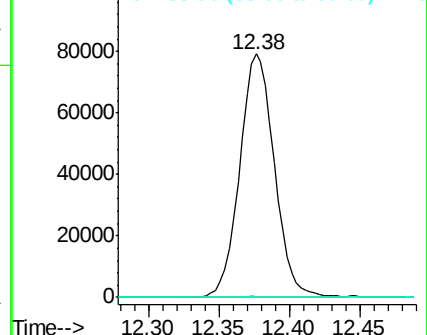
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.014 ug/l

RT: 12.87 min Scan# 3461

Delta R.T. 0.12 min

Lab File: VN064533.D

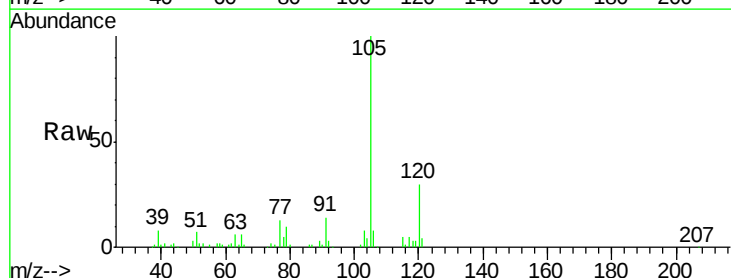
Acq: 10 Nov 2020 18:13

Tgt Ion: 91 Resp: 11604

Ion Ratio Lower Upper

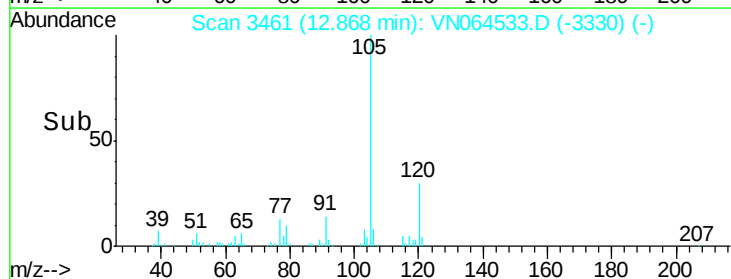
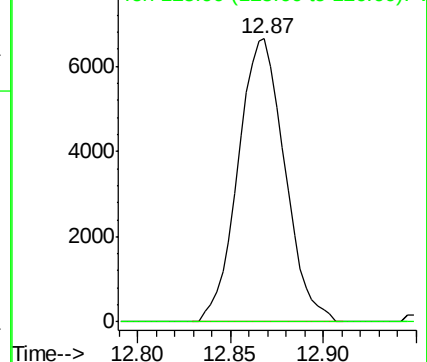
91 100

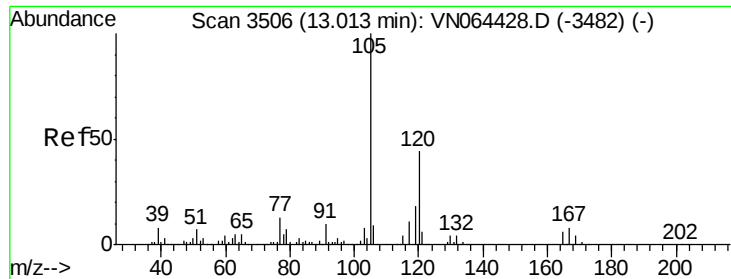
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

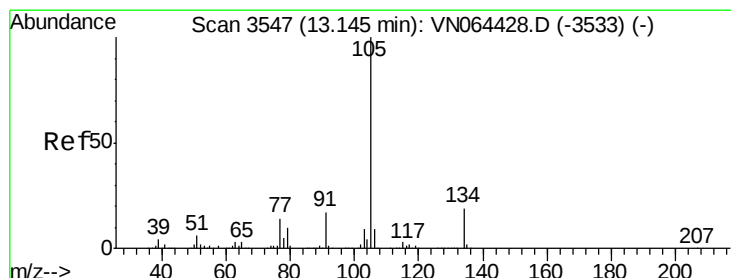
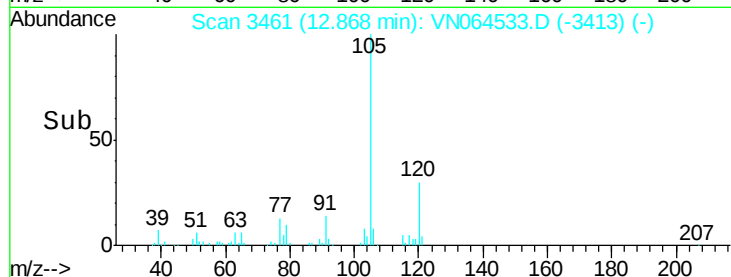
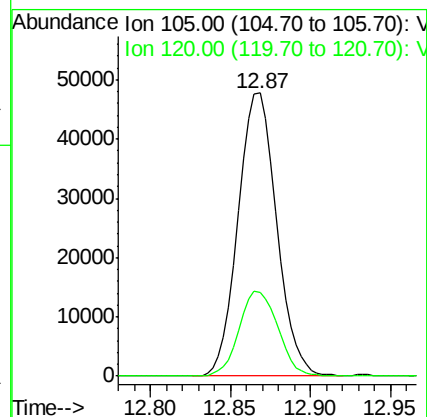
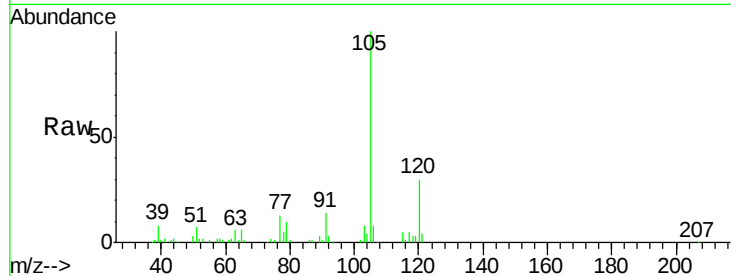




#84
 1,2,4-Trimethylbenzene
 Concen: 6.260 ug/l
 RT: 12.87 min Scan# 3461
 Delta R.T. -0.14 min
 Lab File: VN064533.D
 Acq: 10 Nov 2020 18:13

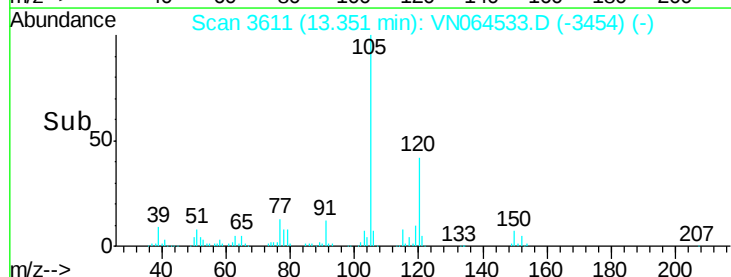
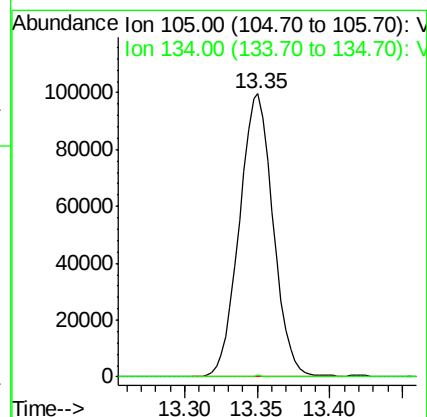
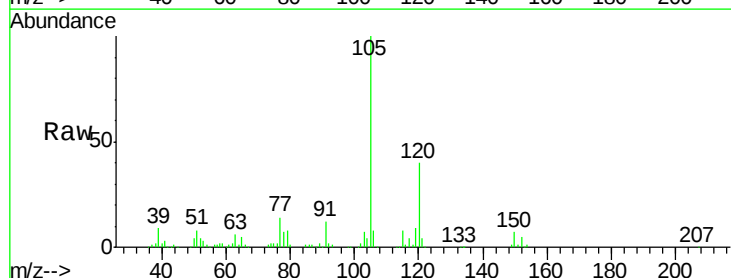
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500

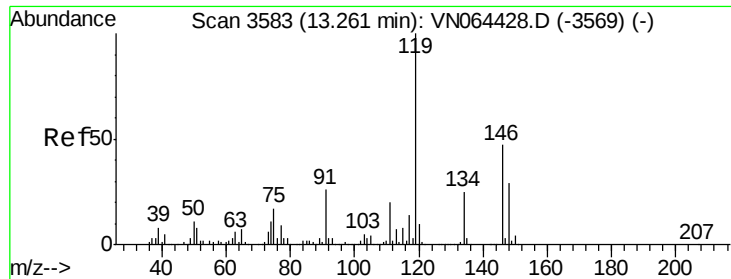
Tot Ion:105 Resp: 78489
 Ion Ratio Lower Upper
 105 100
 120 30.1 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 13.094 ug/l
 RT: 13.35 min Scan# 3611
 Delta R.T. 0.21 min
 Lab File: VN064533.D
 Acq: 10 Nov 2020 18:13

Tgt Ion:105 Resp: 161543
 Ion Ratio Lower Upper
 105 100
 134 0.2 9.4 28.2#





#86

p-Isopropyltoluene

Concen: 1.418 ug/l

RT: 13.35 min Scan# 3610

Delta R.T. 0.09 min

Lab File: VN064533.D

Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500

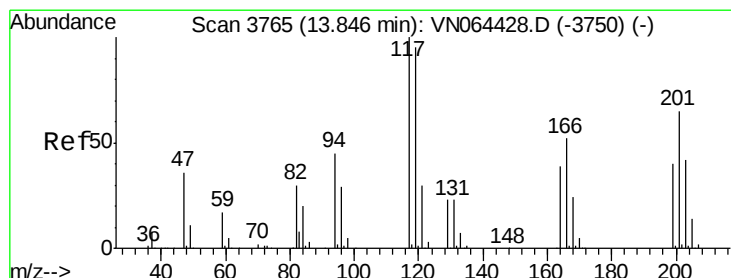
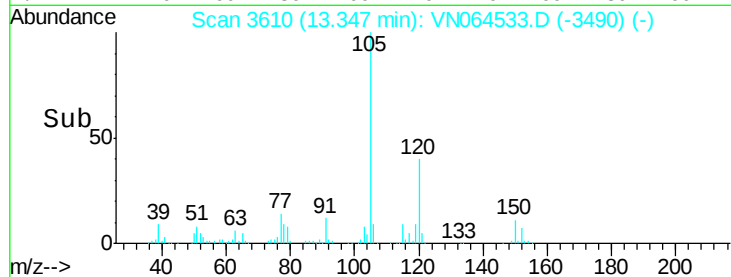
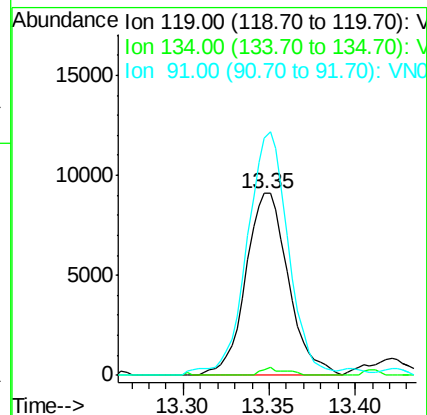
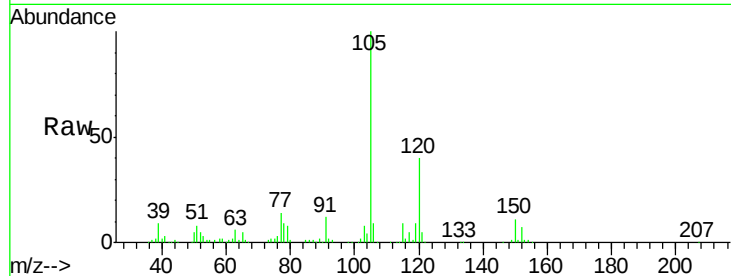
Tot Ion:119 Resp: 15739

Ion Ratio Lower Upper

119 100

134 2.3 12.6 37.6#

91 129.0 12.8 38.3#



#90

Hexachloroethane

Concen: 8.014 ug/l

RT: 13.97 min Scan# 3804

Delta R.T. 0.13 min

Lab File: VN064533.D

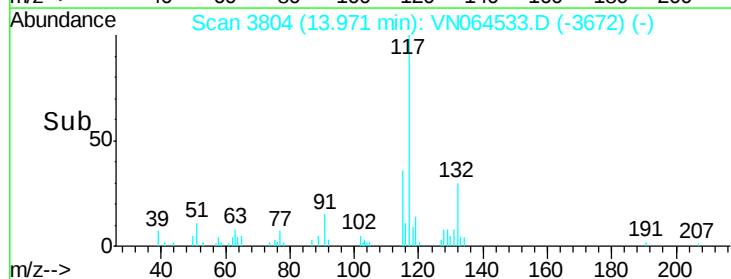
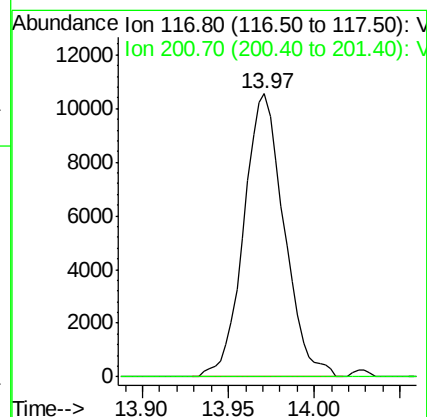
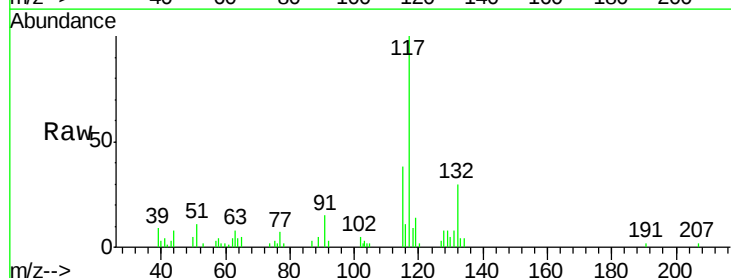
Acq: 10 Nov 2020 18:13

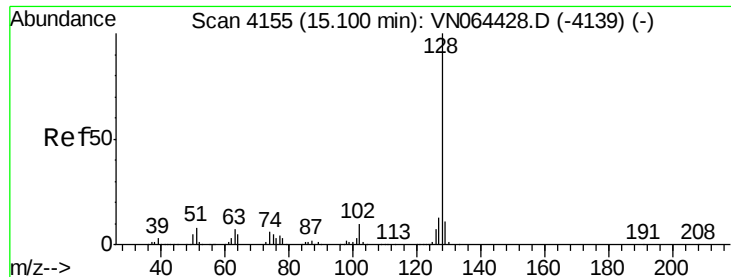
Tgt Ion:117 Resp: 17155

Ion Ratio Lower Upper

117 100

201 0.0 32.5 97.5#





#95

Naphthalene

Concen: 3.660 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064533.D

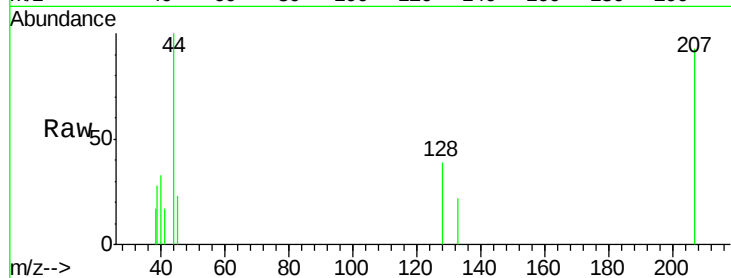
Acq: 10 Nov 2020 18:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500



Tot Ion:	128	Resp:	422
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.8	13.2#

