

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064531.D
 Acq On : 10 Nov 2020 17:25
 Operator : JC/MD
 Sample : L4684-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-518-520

Quant Time: Nov 11 01:51:43 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	237170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	491632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	231991	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
35) Dibromofluoromethane	7.55	113	169602	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.06	98	624910	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.38	95	248162	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	810	0.216	ug/l #	81
4) Vinyl Chloride	1.97	62	1478	0.384	ug/l #	42
11) Tert butyl alcohol	4.74	59	2577	5.657	ug/l #	71
12) 1,1-Dichloroethene	3.69	96	68444	26.984	ug/l	97
13) Acrolein	3.48	56	103	0.364	ug/l #	1
15) Acrylonitrile	4.97	53	792	0.624	ug/l #	33
16) Acetone	3.77	43	15639	9.938	ug/l #	80
18) Methyl Acetate	4.30	43	888	0.287	ug/l #	82
20) Methylene Chloride	4.51	84	9452	3.027	ug/l	94
22) Diisopropyl ether	5.90	45	4530	0.430	ug/l	99
23) Vinyl Acetate	5.92	43	6749	0.788	ug/l #	76
24) 1,1-Dichloroethane	5.80	63	195683	33.810	ug/l	100
25) 2-Butanone	6.82	43	798	0.398	ug/l #	52
31) Cyclohexane	7.63	56	11617	2.313	ug/l #	44
32) 1,1,1-Trichloroethane	7.53	97	30431	5.640	ug/l	97
36) 1,1-Dichloropropene	7.63	75	22588	4.349	ug/l #	54
37) Ethyl Acetate	6.89	43	70	0.775	ug/l #	71
38) Carbon Tetrachloride	7.62	117	26775	4.824	ug/l #	19
40) Benzene	8.01	78	1458446	95.562	ug/l	100
42) 1,2-Dichloroethane	8.09	62	161827	26.275	ug/l	98
43) Isopropyl Acetate	8.10	43	3438	0.408	ug/l #	1
44) Trichloroethene	8.80	130	4586	1.191	ug/l	82
49) 1,4-Dioxane	9.17	88	3814	68.178	ug/l #	77
55) 1,1,2-Trichloroethane	10.53	97	1663	0.458	ug/l #	85
56) Ethyl methacrylate	10.20	69	247	1.881	ug/l #	1
59) 2-Hexanone	10.72	43	38	4.037	ug/l #	28
60) Dibromochloromethane	10.61	129	3266	0.804	ug/l #	10
64) Tetrachloroethene	10.60	164	2998	0.772	ug/l	93
69) o-Xylene	11.92	106	102155	14.819	ug/l	100
70) Styrene	11.92	104	8100	0.698	ug/l #	1
71) Bromoform	12.35	173	74	1.298	ug/l #	29
73) Isopropylbenzene	12.23	105	28684	1.907	ug/l	99
74) N-amyl acetate	12.04	43	48	1.221	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	138465	30.192	ug/l #	100

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BP-VPB178-GW-518-520

Quant Time: Nov 11 01:51:43 2020
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

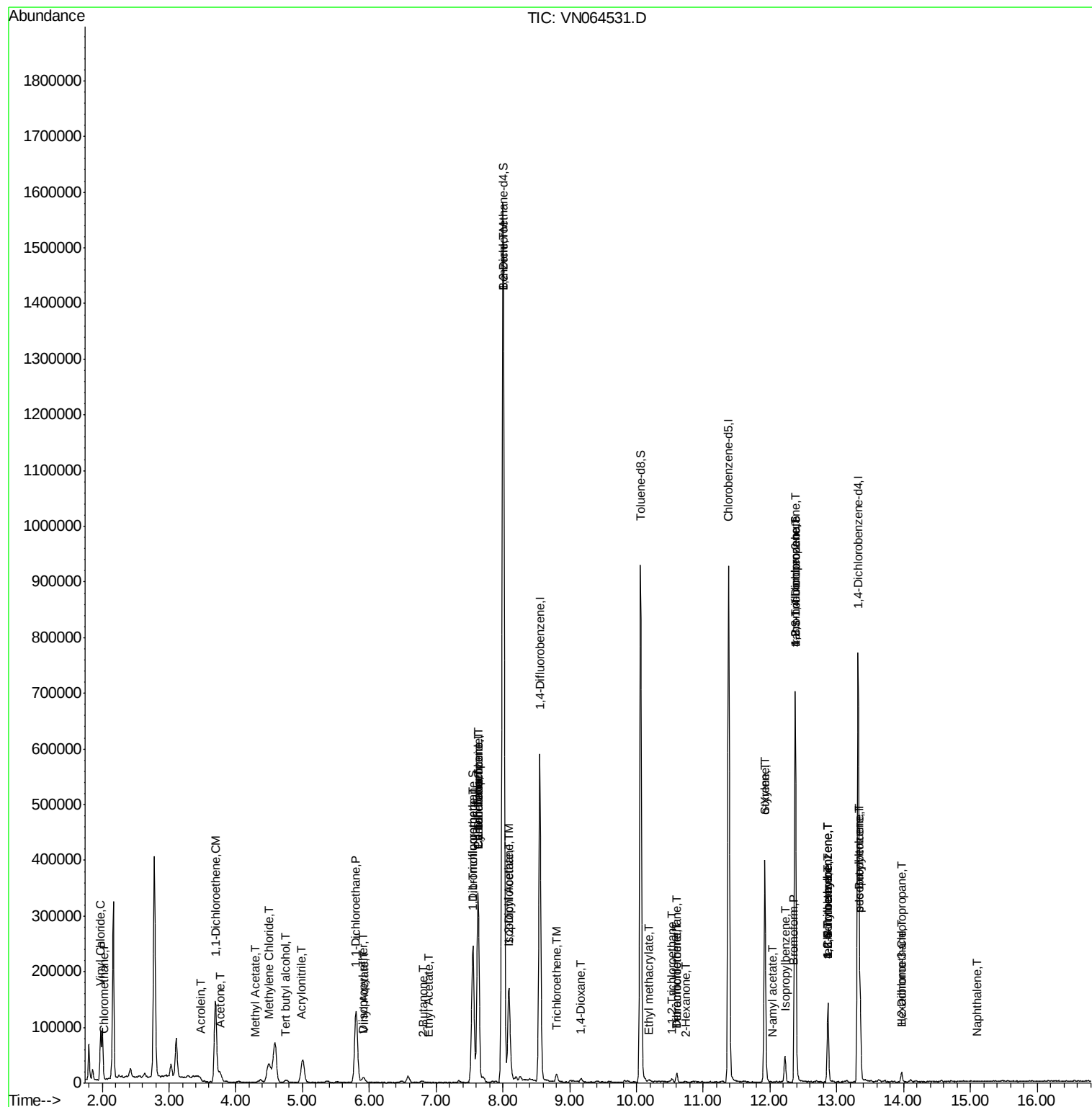
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.87	105	84820	6.834	ug/l	74
81) trans-1,4-Dichloro-2-buten	12.38	75	138465	84.298	ug/l #	8
82) 4-Chlorotoluene	12.87	91	11811	1.037	ug/l #	44
83) tert-Butylbenzene	12.86	119	2203	0.227	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.87	105	84820	6.798	ug/l	78
85) sec-Butylbenzene	13.35	105	78653	6.407	ug/l #	58
86) p-Isopropyltoluene	13.35	119	8095	0.733	ug/l #	1
90) Hexachloroethane	13.97	117	7520	3.530	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.97	75	193	0.210	ug/l #	10
95) Naphthalene	15.11	128	329	3.652	ug/l #	69

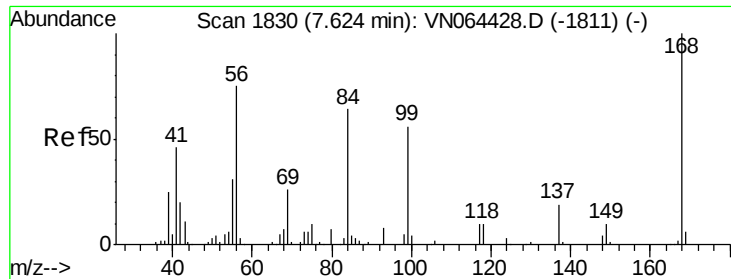
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

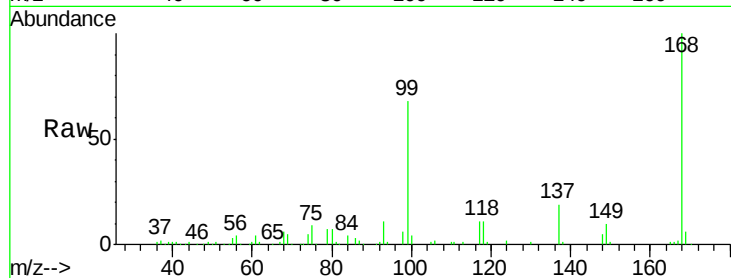
BP-VPB178-GW-518-520

Tot Ion:168 Resp: 237170

Ion Ratio Lower Upper

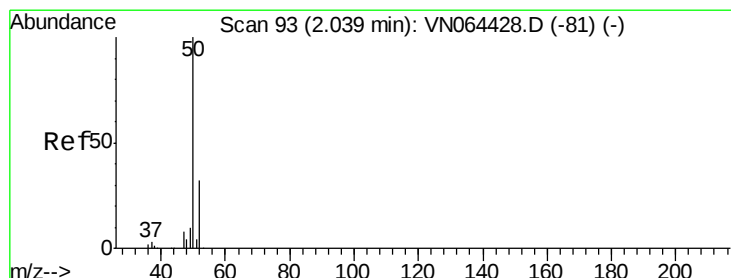
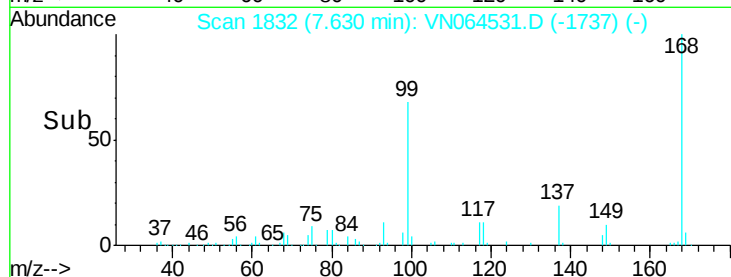
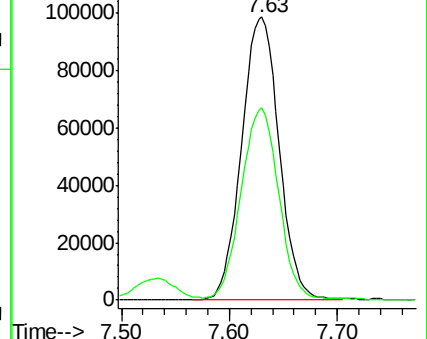
168 100

99 67.3 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.216 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064531.D

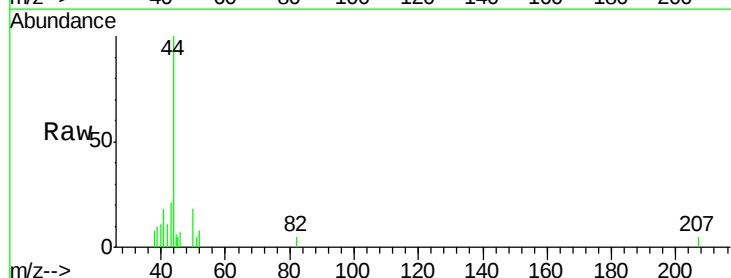
Acq: 10 Nov 2020 17:25

Tgt Ion: 50 Resp: 810

Ion Ratio Lower Upper

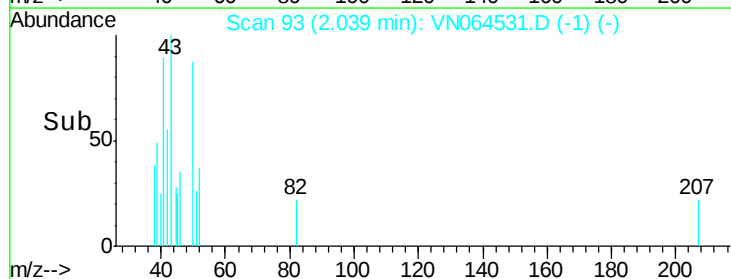
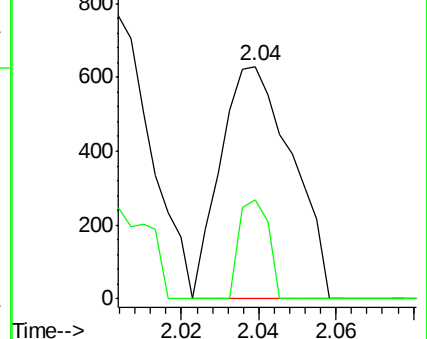
50 100

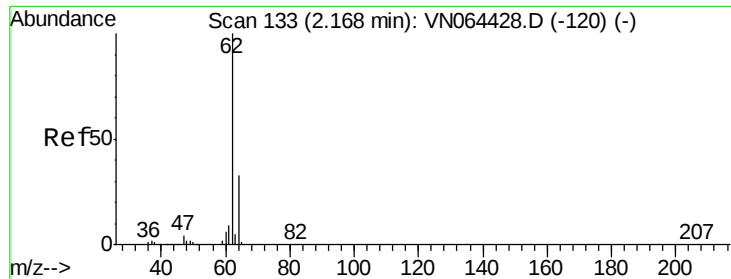
52 42.4 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#4

Vinyl Chloride

Concen: 0.384 ug/l

RT: 1.97 min Scan# 73

Delta R.T. -0.19 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

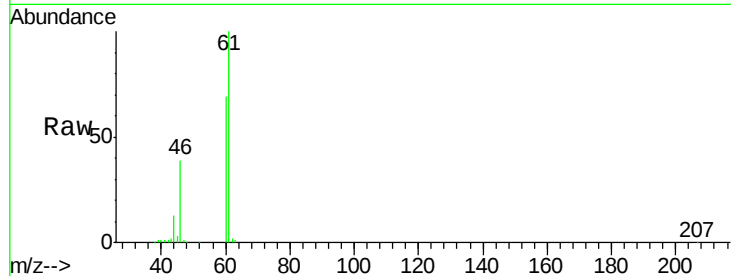
BP-VPB178-GW-518-520

Tot Ion: 62 Resp: 1478

Ion Ratio Lower Upper

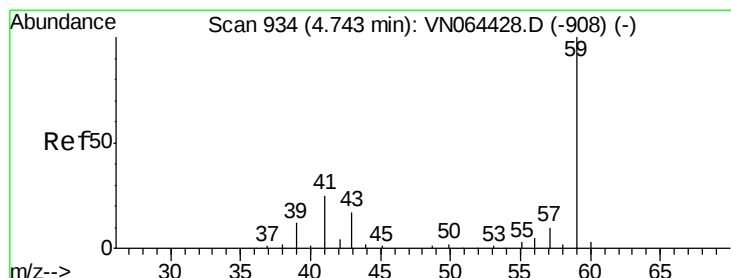
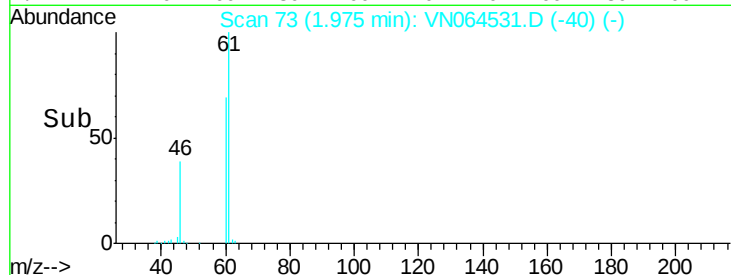
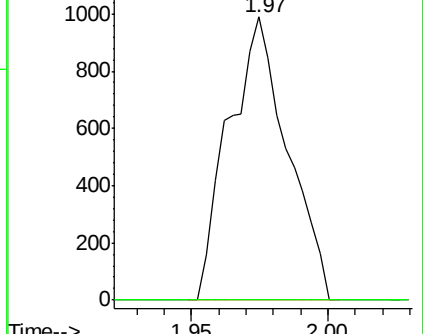
62 100

64 0.0 26.3 39.5#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#11

Tert butyl alcohol

Concen: 5.657 ug/l

RT: 4.74 min Scan# 933

Delta R.T. -0.00 min

Lab File: VN064531.D

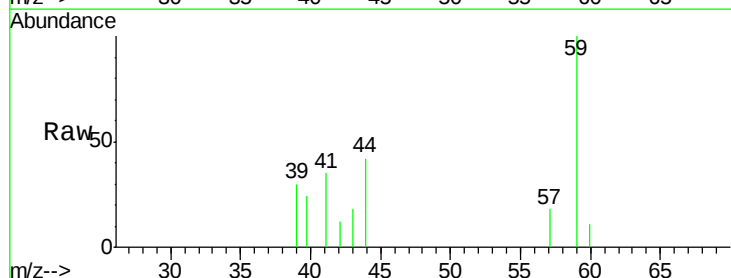
Acq: 10 Nov 2020 17:25

Tgt Ion: 59 Resp: 2577

Ion Ratio Lower Upper

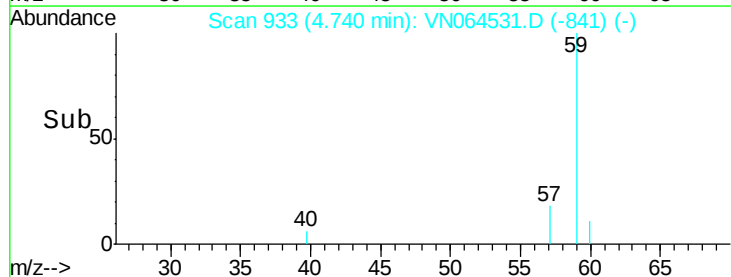
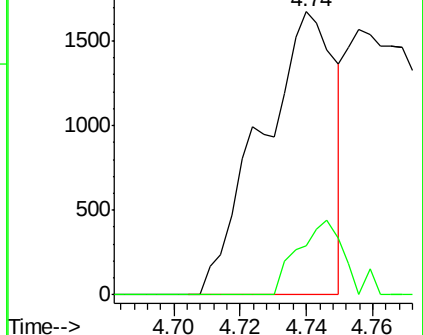
59 100

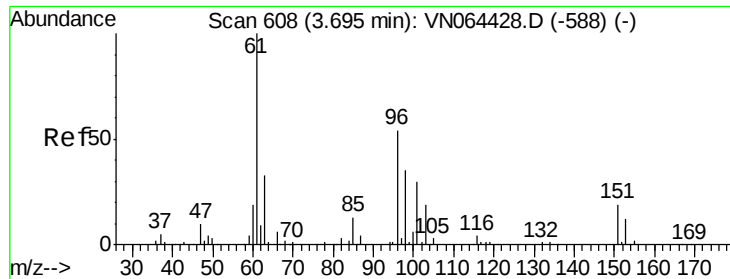
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#12

1,1-Dichloroethene

Concen: 26.984 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064531.D

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ClientSampleId :

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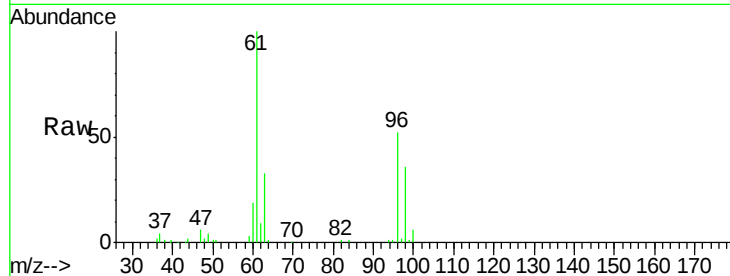
Tot Ion: 96 Resp: 68444

Ion Ratio Lower Upper

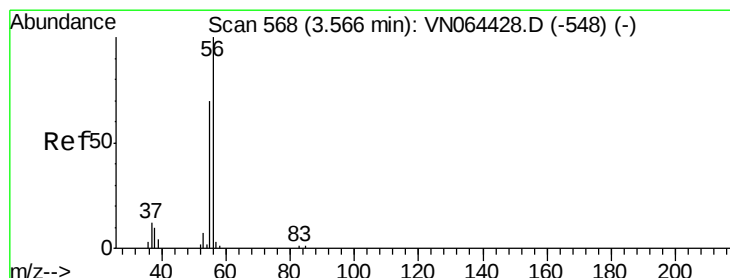
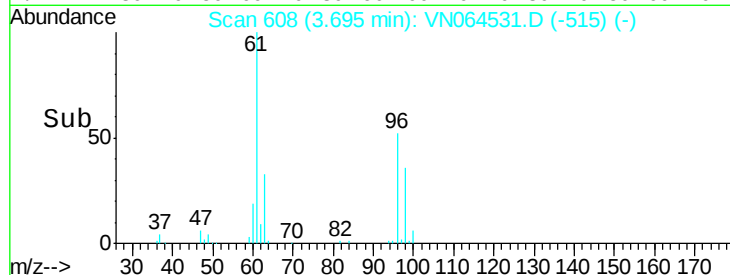
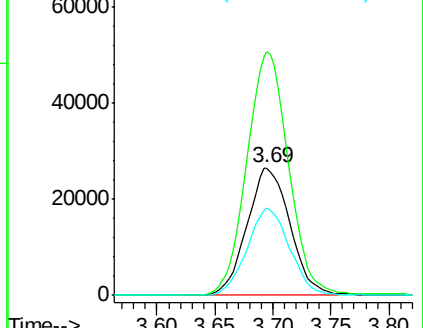
96 100

61 191.1 149.5 224.3

98 68.3 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#13

Acrolein

Concen: 0.364 ug/l

RT: 3.48 min Scan# 542

Delta R.T. -0.08 min

Lab File: VN064531.D

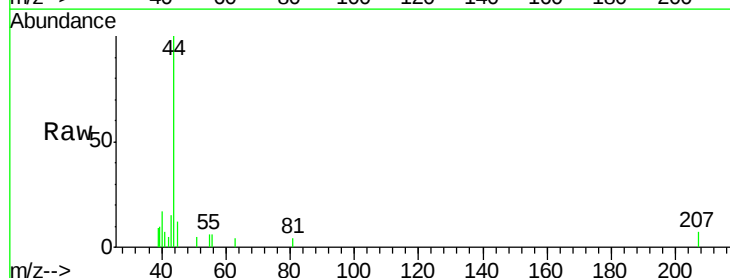
Acq: 10 Nov 2020 17:25

Tgt Ion: 56 Resp: 103

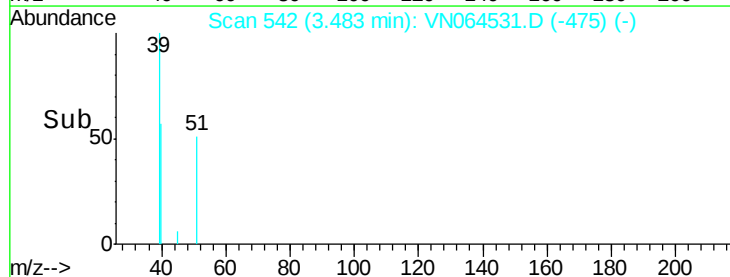
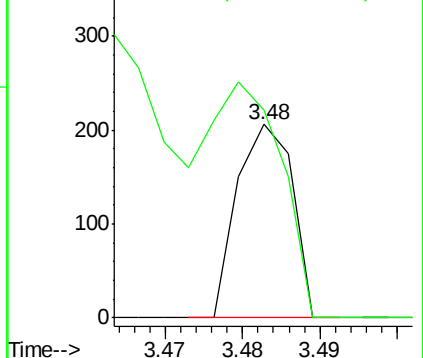
Ion Ratio Lower Upper

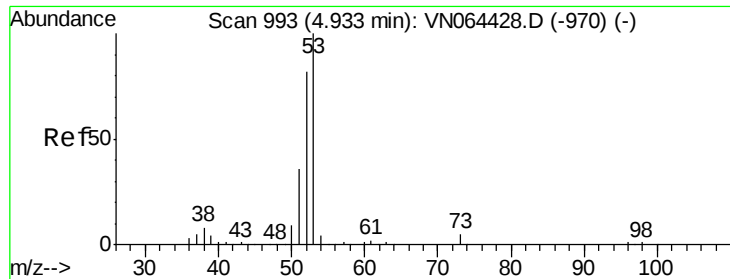
56 100

55 155.3 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO





#15

Acrylonitrile

Concen: 0.624 ug/l

RT: 4.97 min Scan# 1006

Delta R.T. 0.04 min

Lab File: VN064531.D

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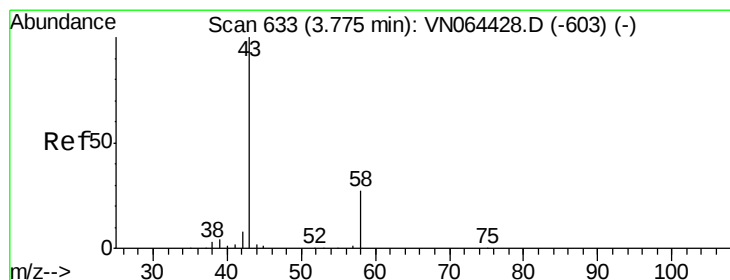
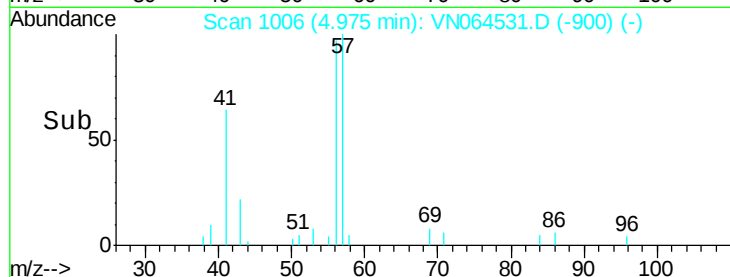
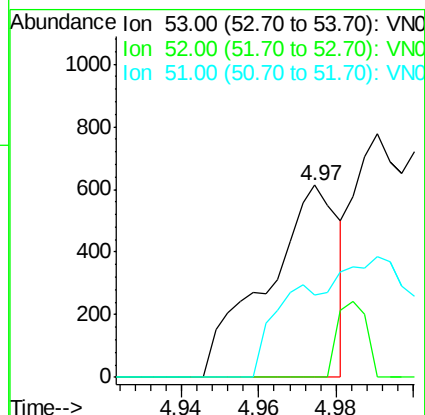
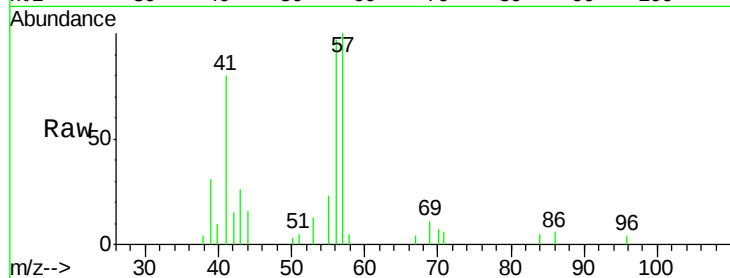
Tot Ion: 53 Resp: 792

Ion Ratio Lower Upper

53 100

52 0.0 65.6 98.4#

51 29.5 29.9 44.9#



#16

Acetone

Concen: 9.938 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064531.D

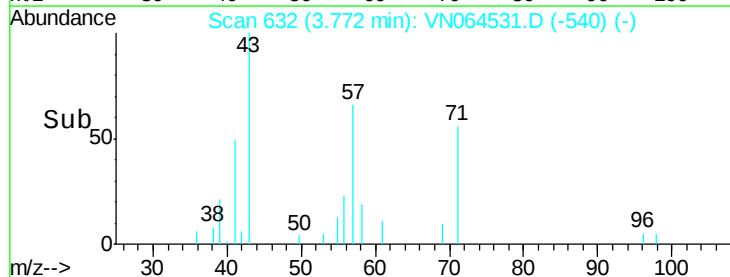
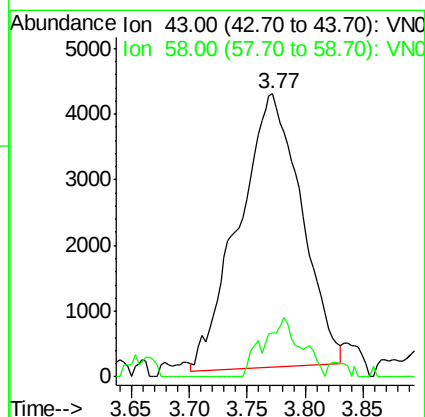
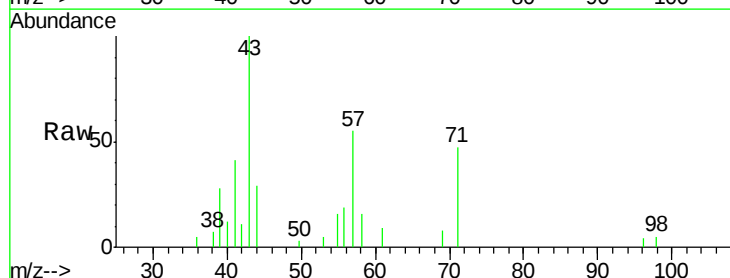
Acq: 10 Nov 2020 17:25

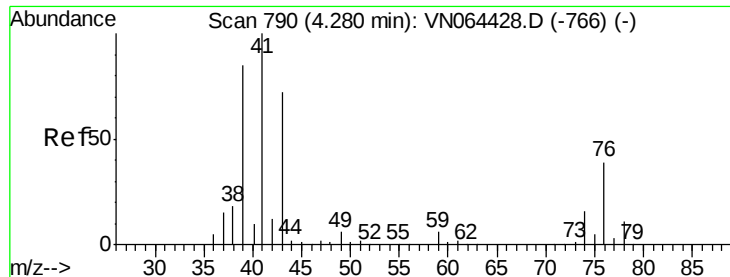
Tgt Ion: 43 Resp: 15639

Ion Ratio Lower Upper

43 100

58 16.4 21.4 32.0#

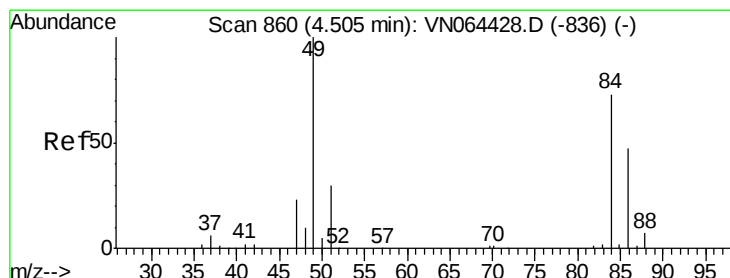
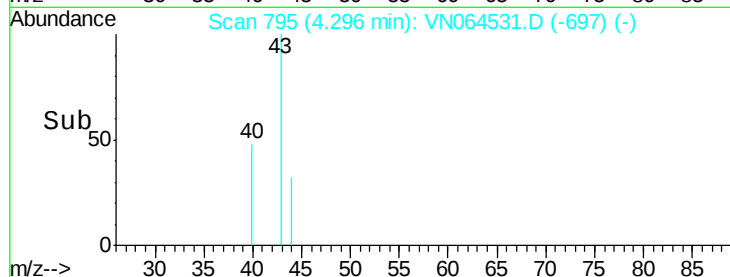
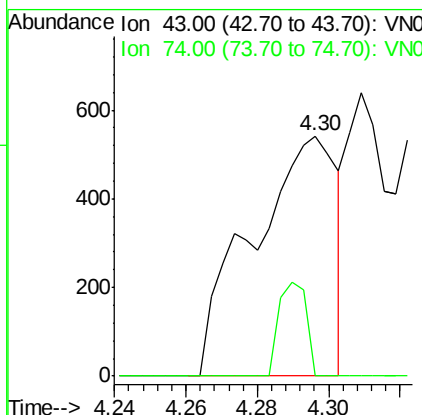
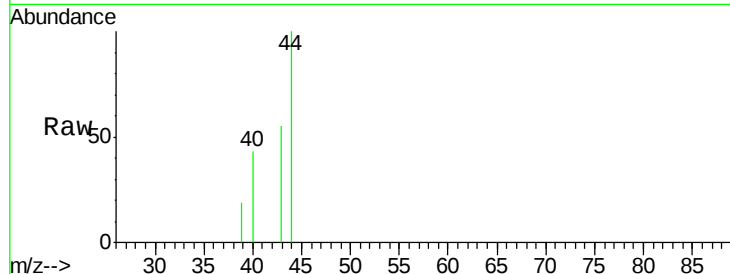




#18
Methyl Acetate
Concen: 0.287 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

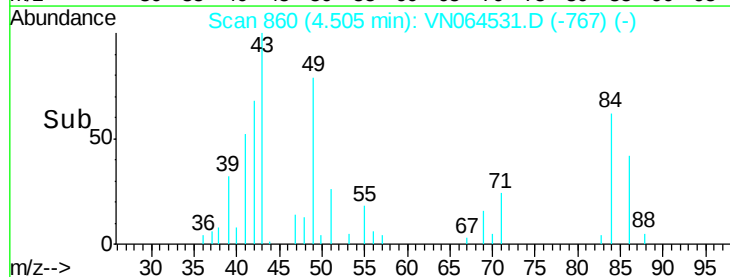
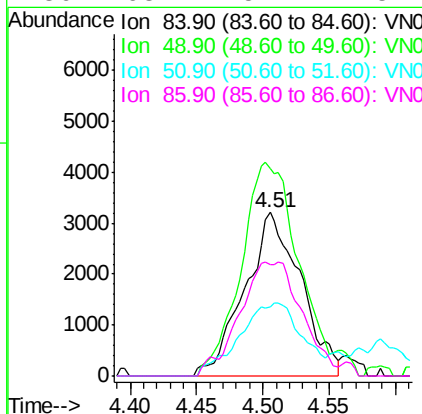
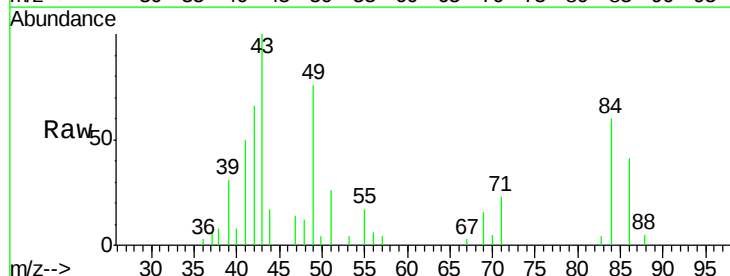
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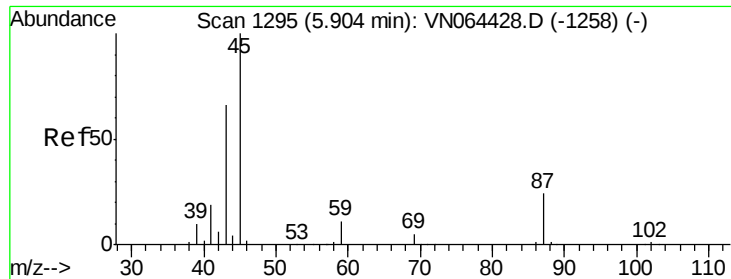
Tot Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
74 12.7 17.0 25.4#



#20
Methylene Chloride
Concen: 3.027 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion: 84 Resp: 9452
Ion Ratio Lower Upper
84 100
49 127.3 110.1 165.1
51 42.7 33.6 50.4
86 68.4 52.1 78.1

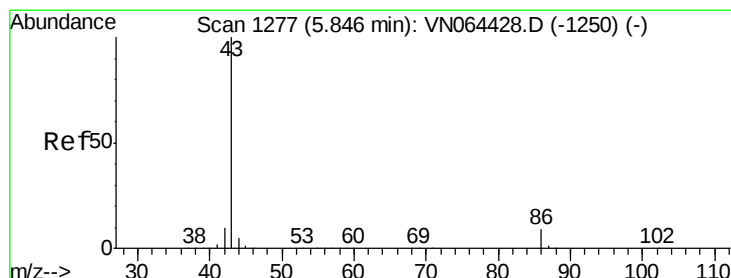
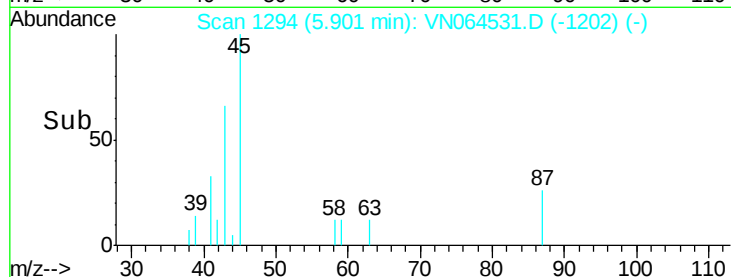
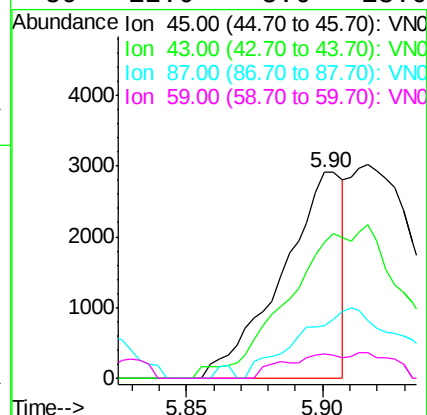
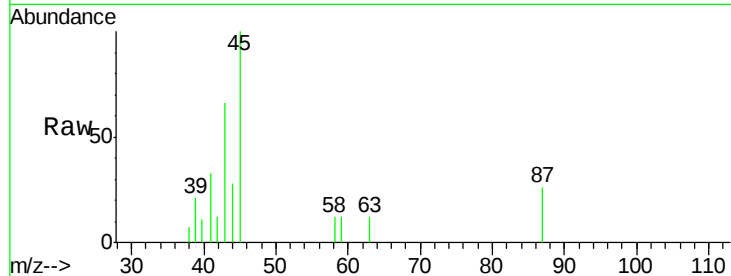




#22
Diisopropyl ether
Concen: 0.430 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

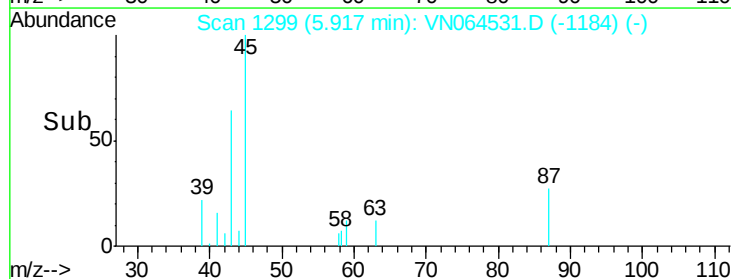
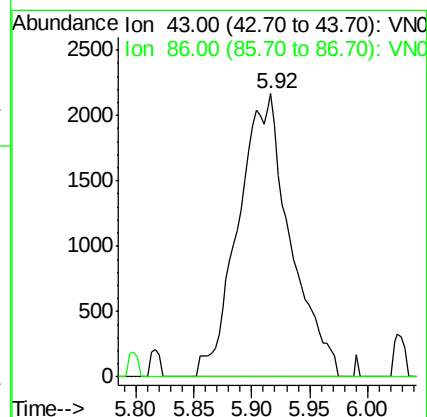
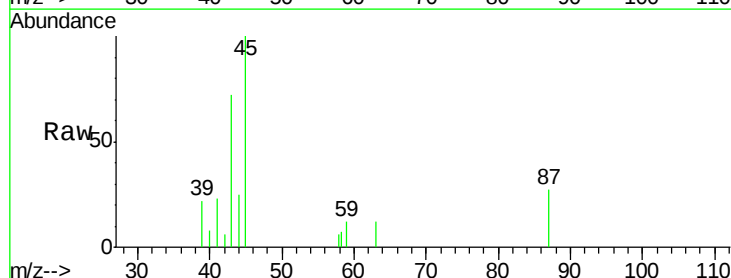
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

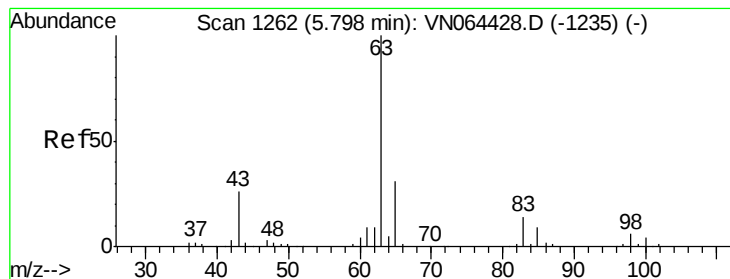
Tot Ion:	45	Resp:	4530
Ion	Ratio	Lower	Upper
45	100		
43	66.0	53.2	79.8
87	25.5	19.9	29.9
59	12.0	8.6	13.0



#23
Vinyl Acetate
Concen: 0.788 ug/l
RT: 5.92 min Scan# 1299
Delta R.T. 0.07 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion:	43	Resp:	6749
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.8	10.2#





#24

1,1-Dichloroethane

Concen: 33.810 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

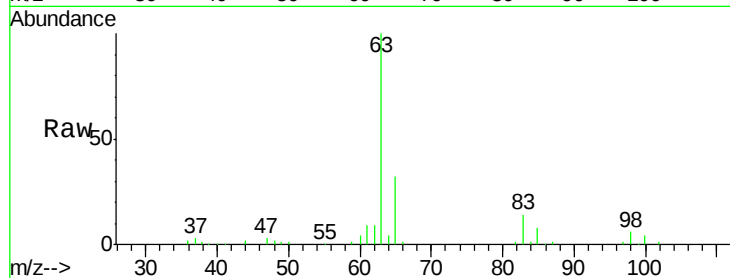
Tot Ion: 63 Resp: 195683

Ion Ratio Lower Upper

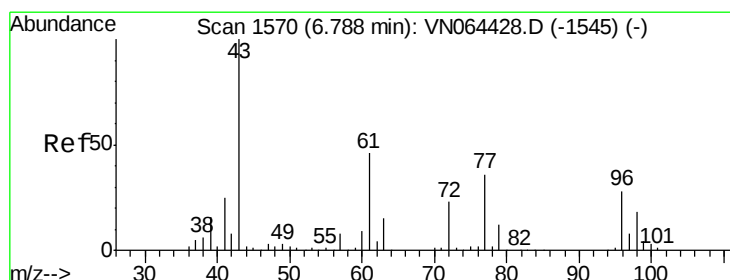
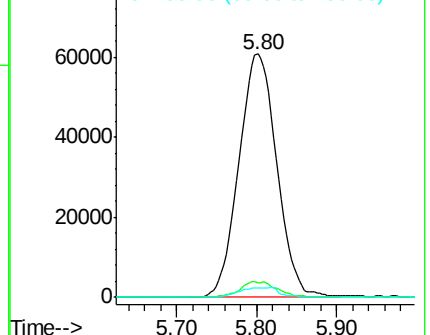
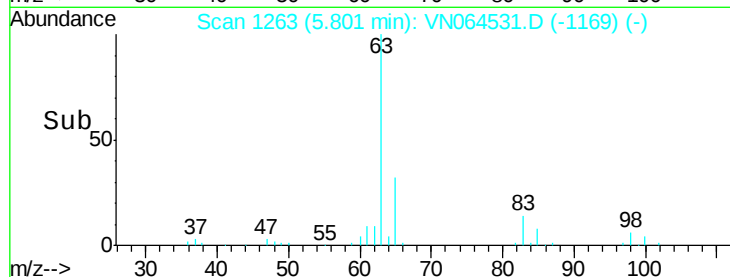
63 100

98 6.2 3.0 9.2

100 3.7 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN064531.D (-1169) (-)



#25

2-Butanone

Concen: 0.398 ug/l

RT: 6.82 min Scan# 1579

Delta R.T. 0.03 min

Lab File: VN064531.D

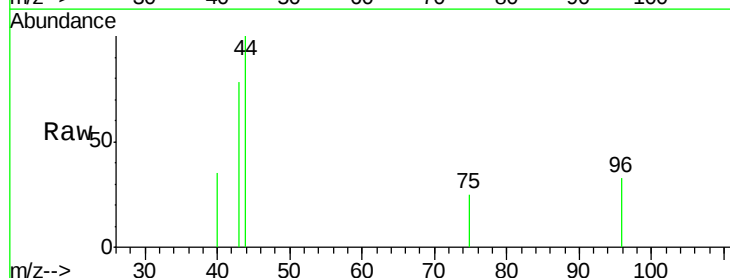
Acq: 10 Nov 2020 17:25

Tgt Ion: 43 Resp: 798

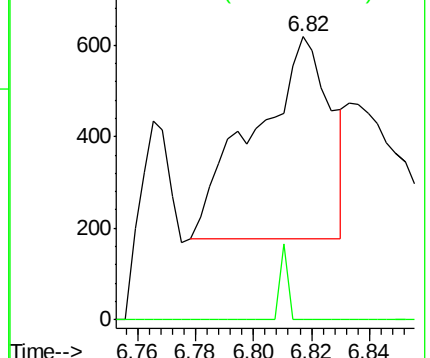
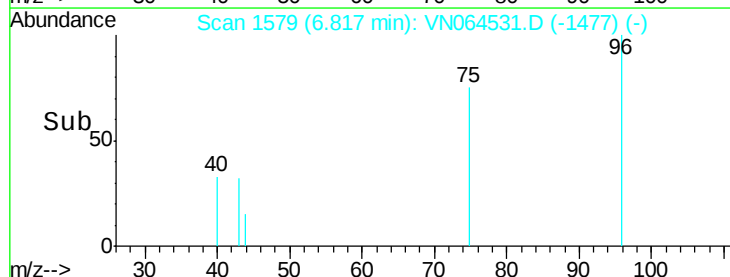
Ion Ratio Lower Upper

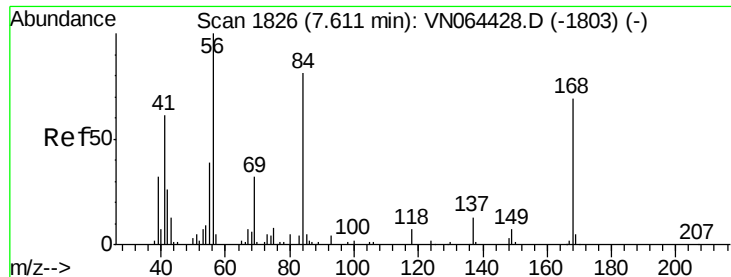
43 100

72 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VN064531.D (-1477) (-)





#31

Cyclohexane

Concen: 2.313 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.02 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

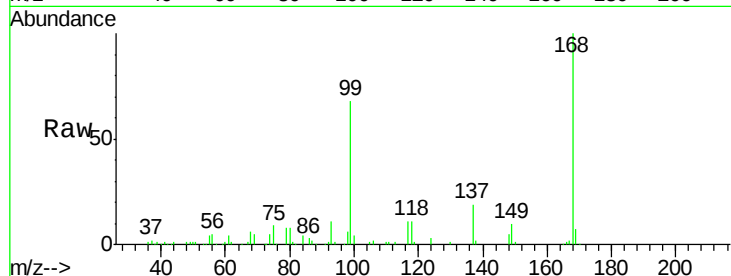
Tot Ion: 56 Resp: 11617

Ion Ratio Lower Upper

56 100

69 114.6 25.6 38.4#

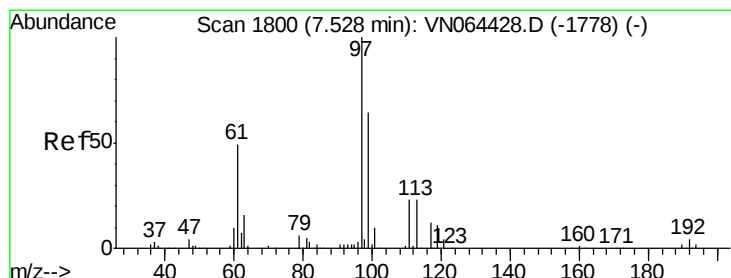
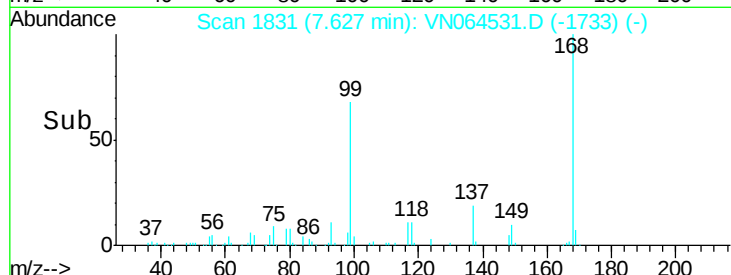
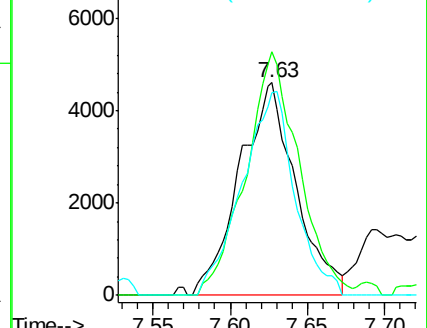
84 95.3 63.0 94.6#



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: 5.640 ug/l

RT: 7.53 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

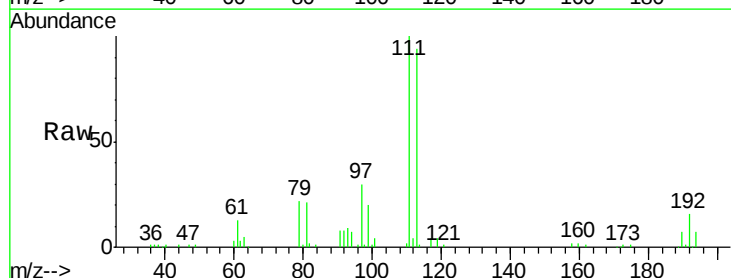
Tgt Ion: 97 Resp: 30431

Ion Ratio Lower Upper

97 100

99 67.1 51.3 76.9

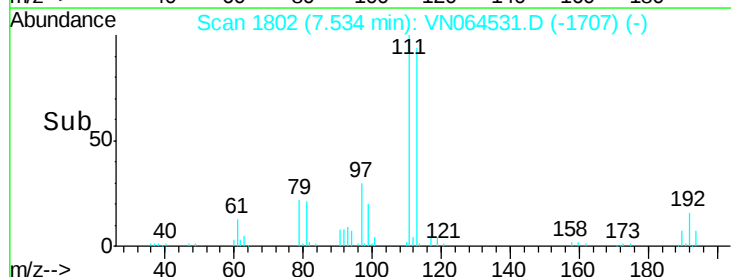
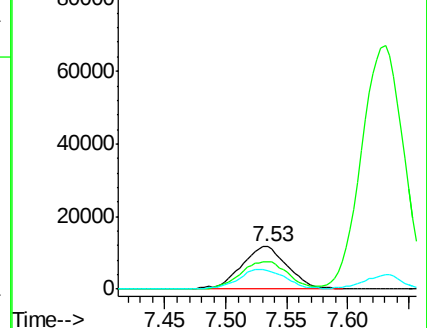
61 47.3 39.1 58.7

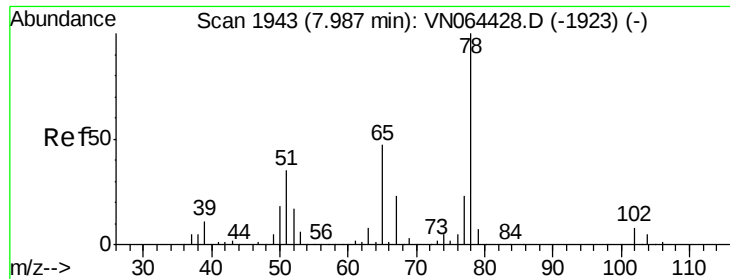


Abundance Ion 96.90 (96.60 to 97.60): VN064428.D (-1778) (-)

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

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





#33

1,2-Dichloroethane-d4

Concen: 56.157 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

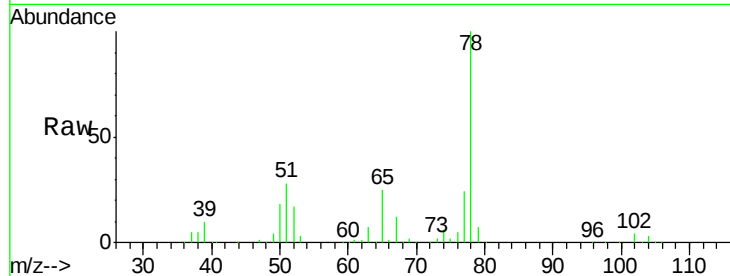
BP-VPB178-GW-518-520

Tot Ion: 65 Resp: 231991

Ion Ratio Lower Upper

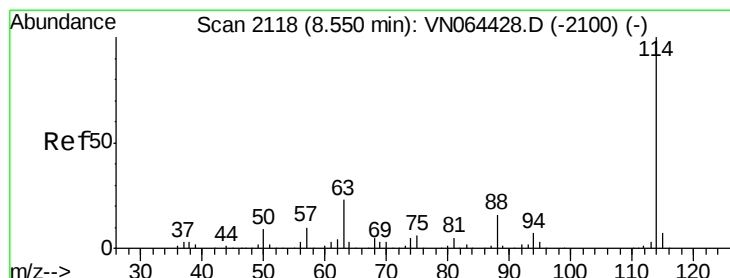
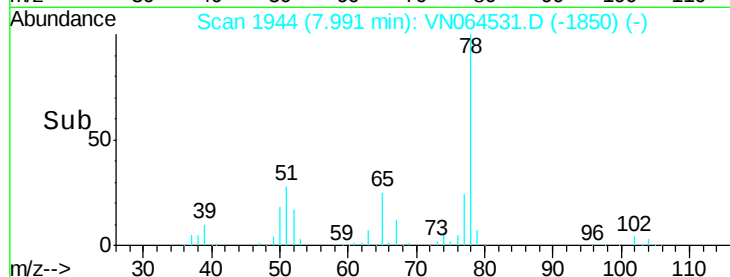
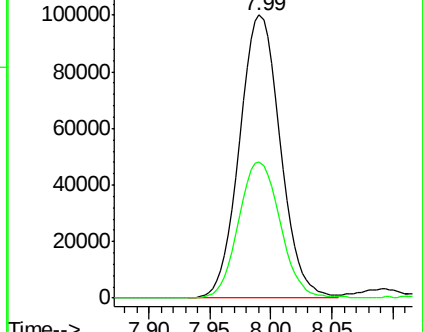
65 100

67 49.4 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: VN064531.D

Acq: 10 Nov 2020 17:25

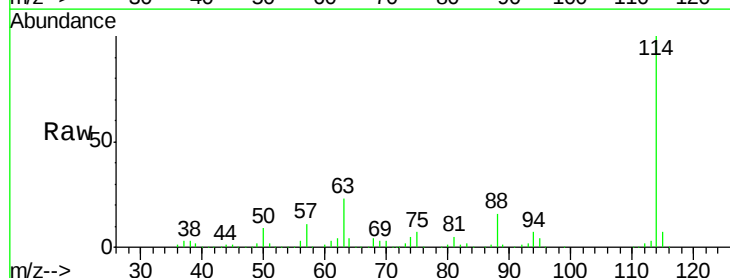
Tgt Ion: 114 Resp: 491632

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

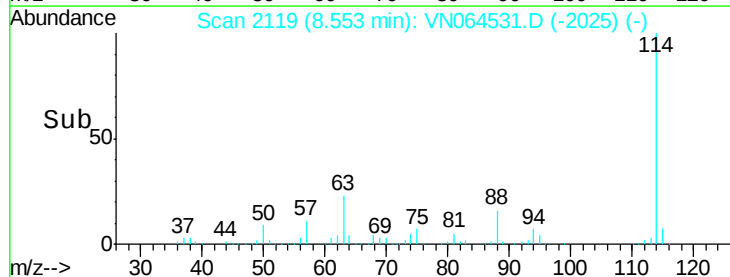
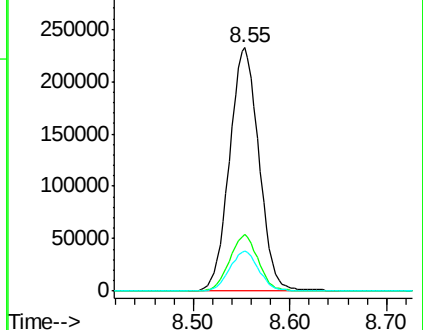
88 16.3 0.0 32.8

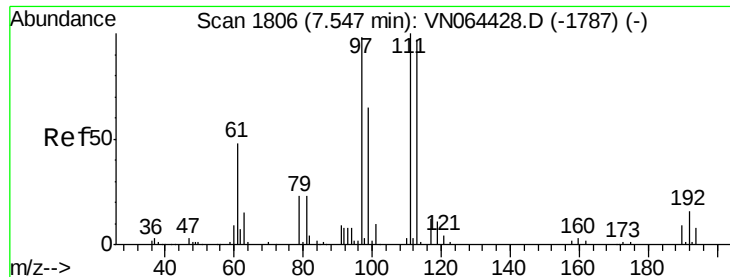


Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

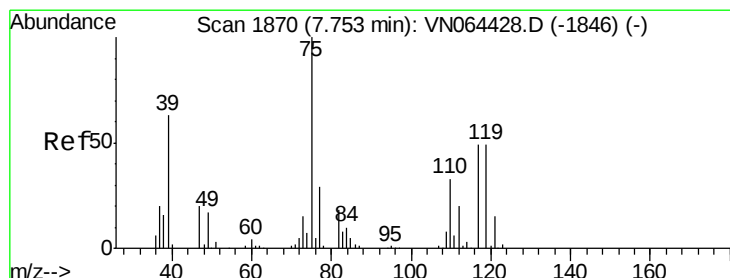
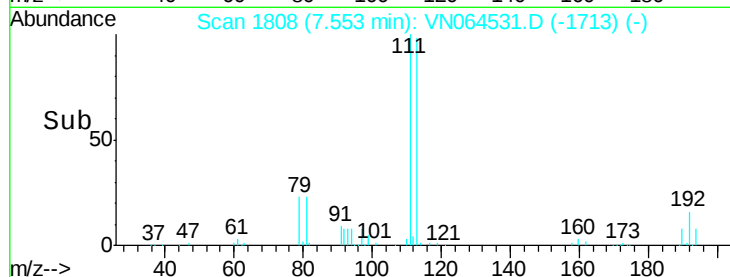
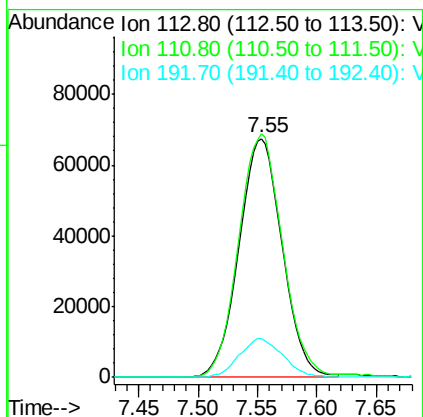
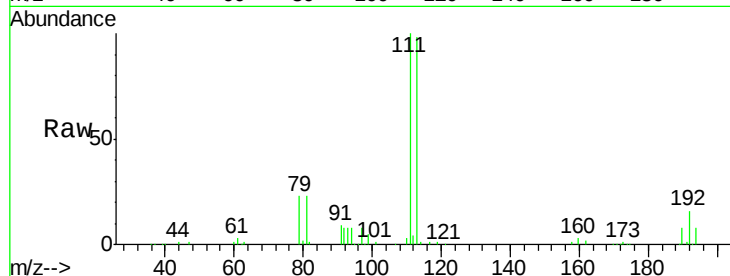




#35
Dibromofluoromethane
Concen: 50.668 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.01 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

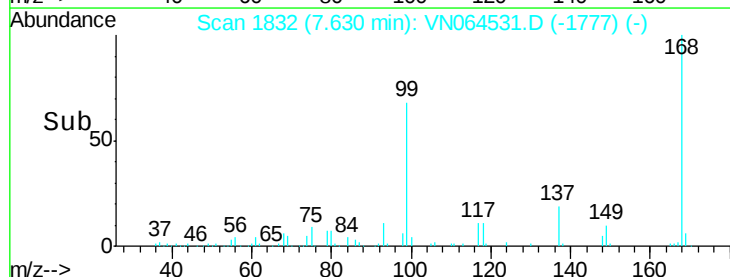
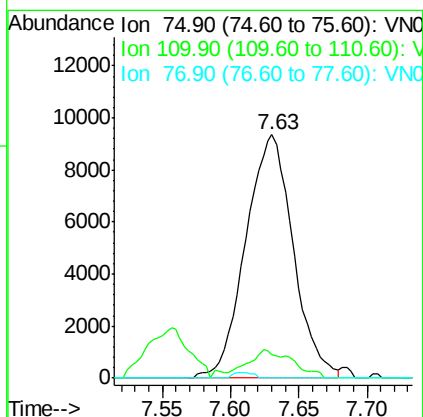
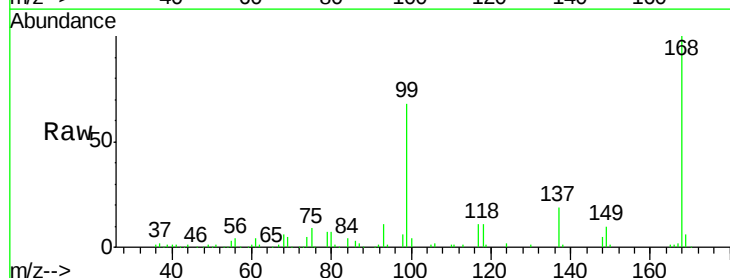
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

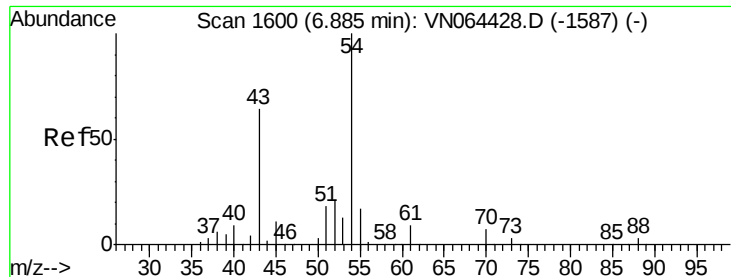
Tot Ion:113 Resp: 169602
Ion Ratio Lower Upper
113 100
111 103.6 81.1 121.7
192 16.4 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.12 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion: 75 Resp: 22588
Ion Ratio Lower Upper
75 100
110 11.0 16.0 48.0#
77 0.0 24.0 36.0#

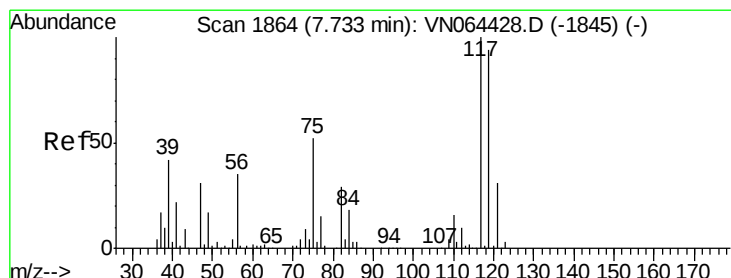
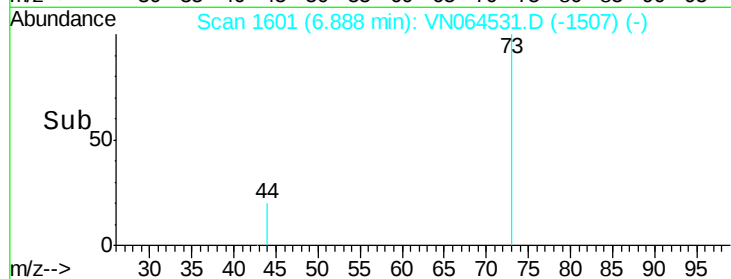
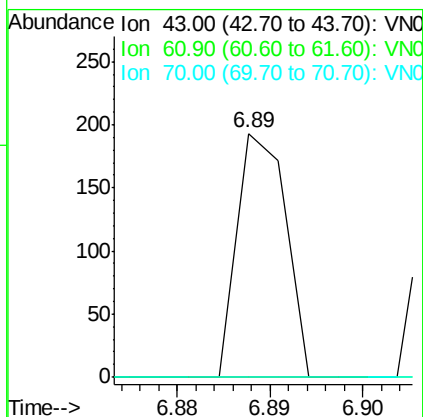
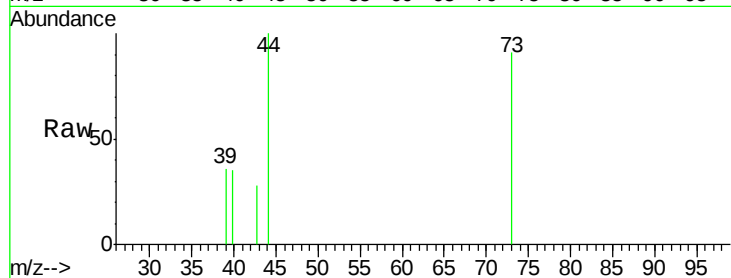




#37
Ethyl Acetate
Concen: 0.775 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

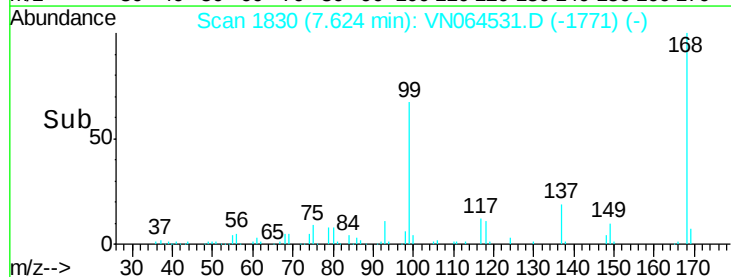
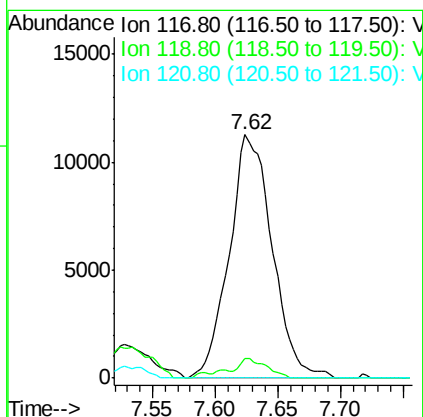
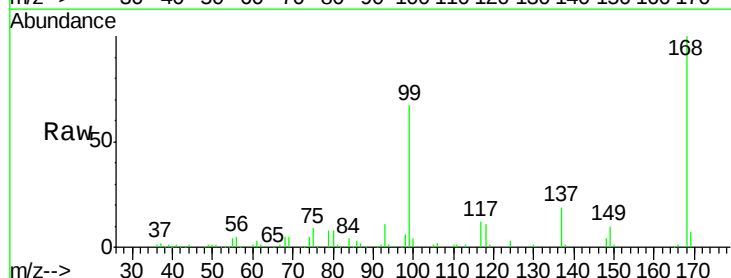
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

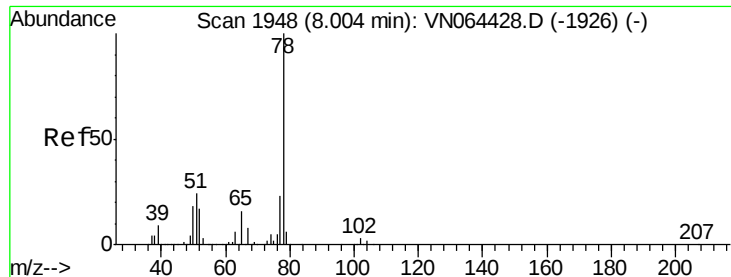
Tot Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
61 0.0 10.0 15.0#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 4.824 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion: 117 Resp: 26775
Ion Ratio Lower Upper
117 100
119 7.8 75.5 113.3#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 95.562 ug/l

RT: 8.01 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

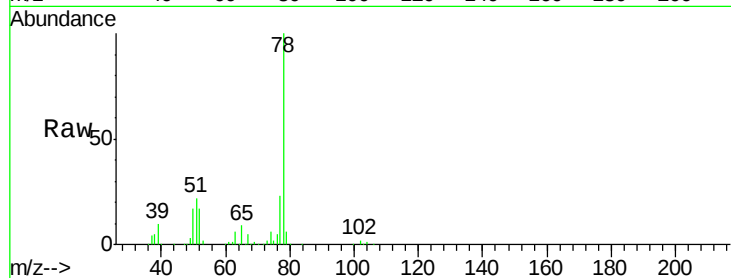
BP-VPB178-GW-518-520

Tot Ion: 78 Resp: 1458446

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.01

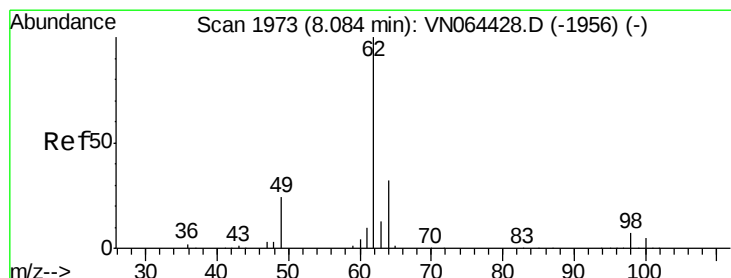
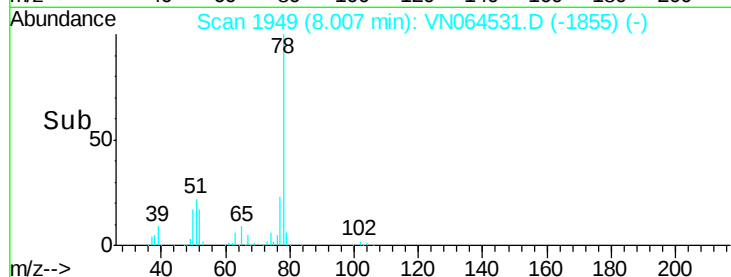
600000

400000

200000

0

Time-->



#42

1,2-Dichloroethane

Concen: 26.275 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN064531.D

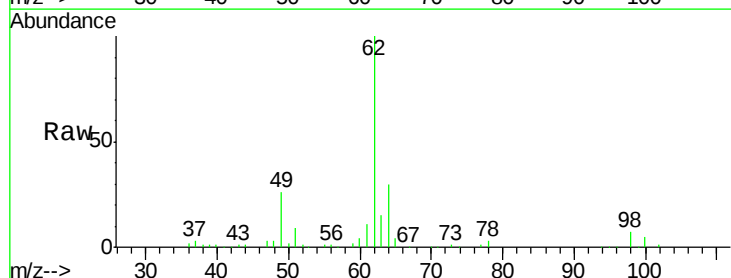
Acq: 10 Nov 2020 17:25

Tgt Ion: 62 Resp: 161827

Ion Ratio Lower Upper

62 100

98 7.8 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

8.09

80000

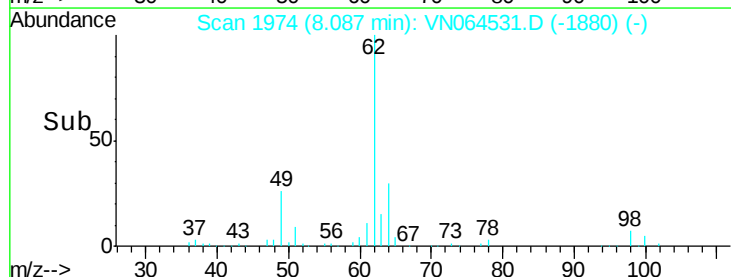
60000

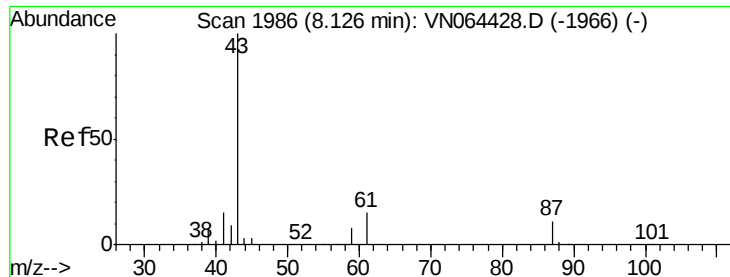
40000

20000

0

Time-->





#43

Isopropyl Acetate

Concen: 0.408 ug/l

RT: 8.10 min Scan# 1979

Delta R.T. -0.02 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

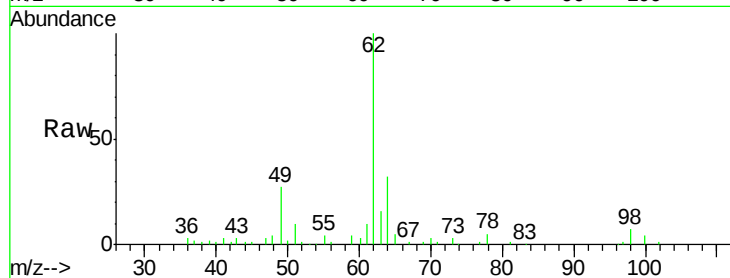
Tot Ion: 43 Resp: 3438

Ion Ratio Lower Upper

43 100

61 510.6 14.0 21.0#

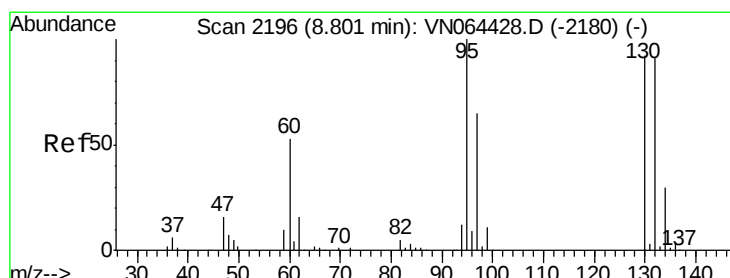
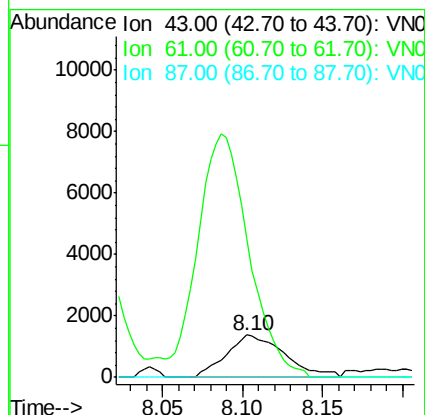
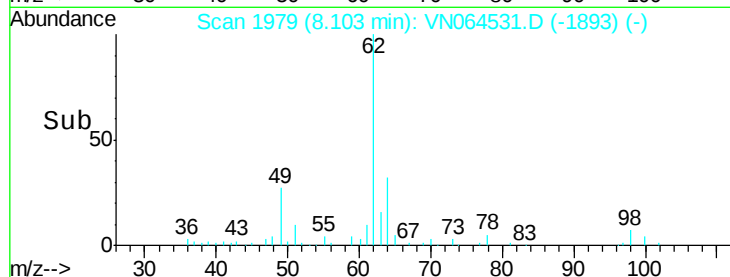
87 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN064531.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064531.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064531.D (-1893) (-)



#44

Trichloroethene

Concen: 1.191 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064531.D

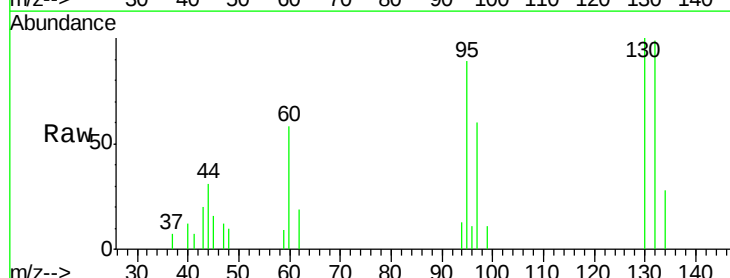
Acq: 10 Nov 2020 17:25

Tgt Ion: 130 Resp: 4586

Ion Ratio Lower Upper

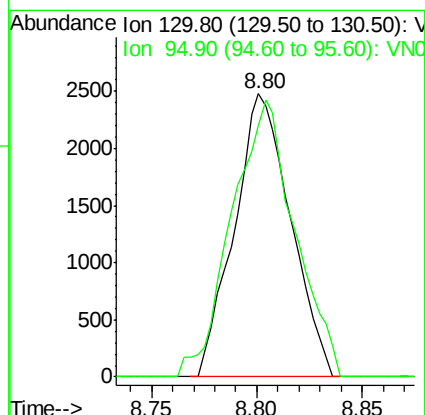
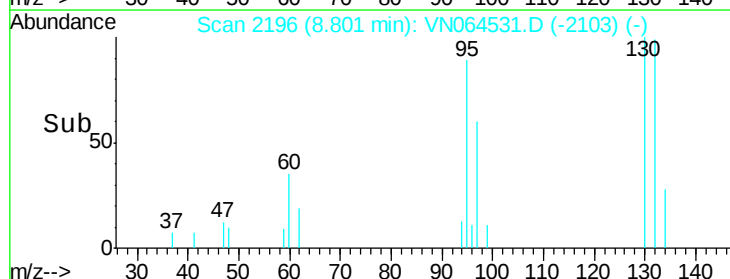
130 100

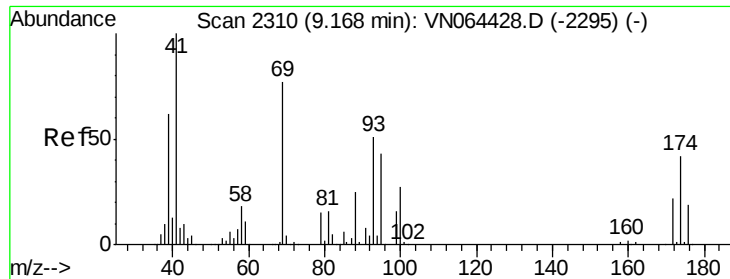
95 89.0 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064531.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064531.D (-2103) (-)





#49

1,4-Dioxane

Concen: 68.178 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

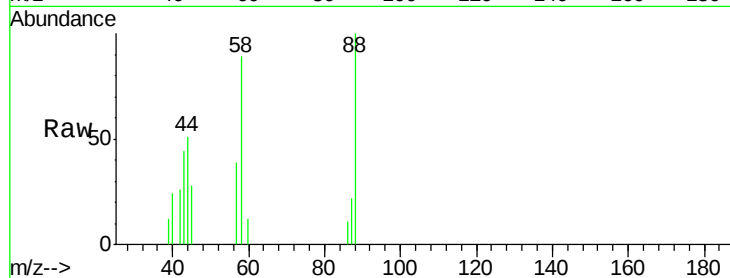
Tot Ion: 88 Resp: 3814

Ion Ratio Lower Upper

88 100

43 19.7 31.0 46.6#

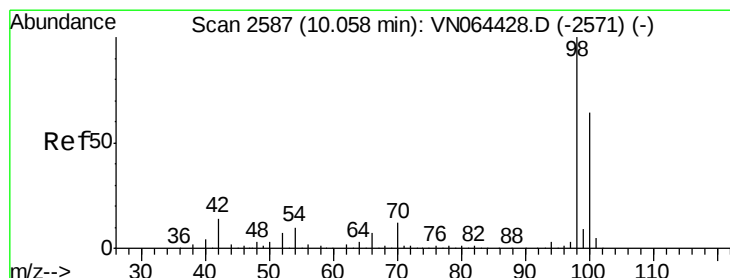
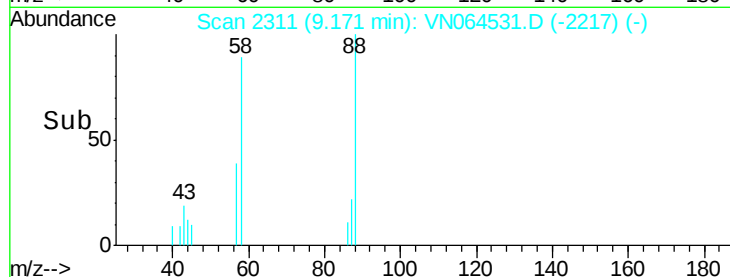
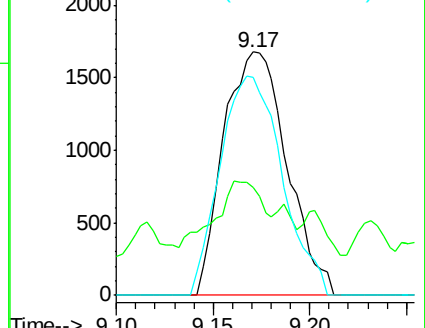
58 88.3 58.4 87.6#



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

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

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



#50

Toluene-d8

Concen: 48.302 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064531.D

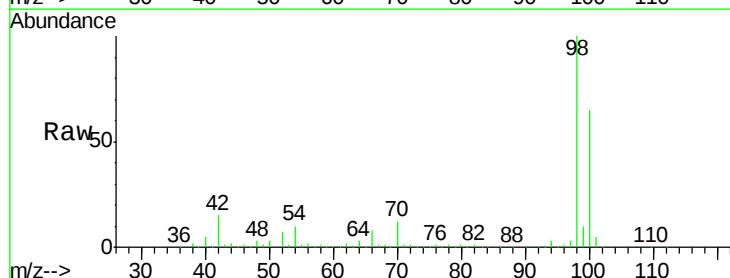
Acq: 10 Nov 2020 17:25

Tgt Ion: 98 Resp: 624910

Ion Ratio Lower Upper

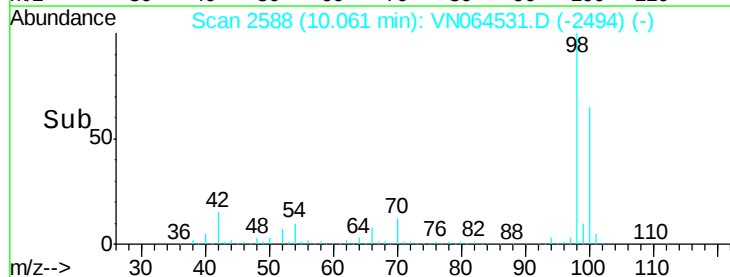
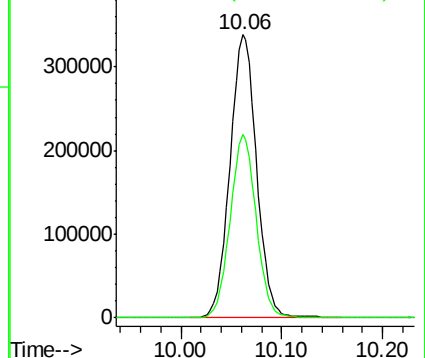
98 100

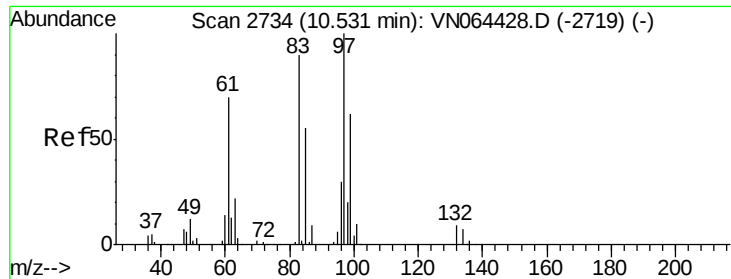
100 63.0 50.7 76.1



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

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

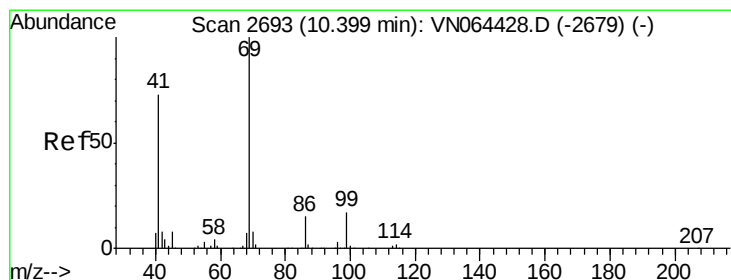
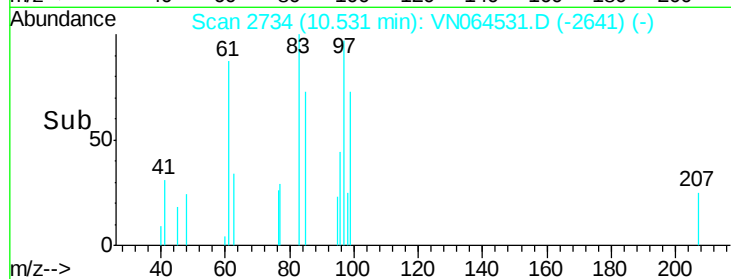
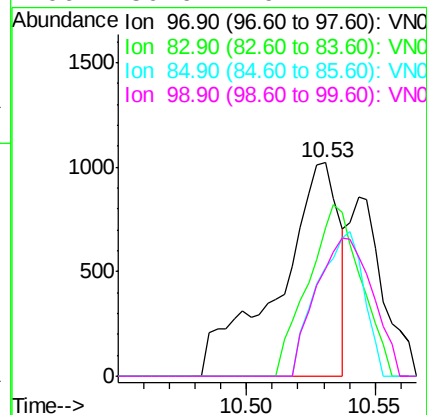
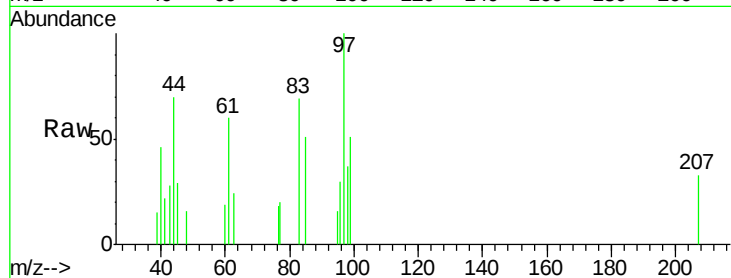




#55
 1,1,2-Trichloroethane
 Concen: 0.458 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064531.D
 Acq: 10 Nov 2020 17:25

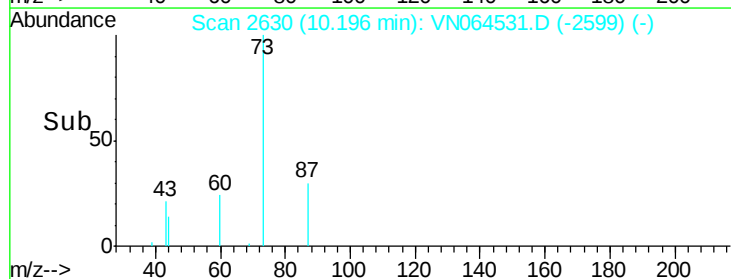
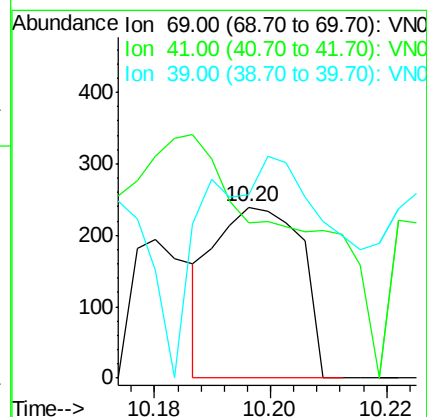
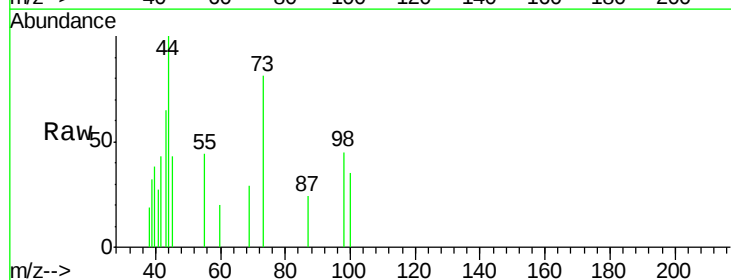
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-518-520

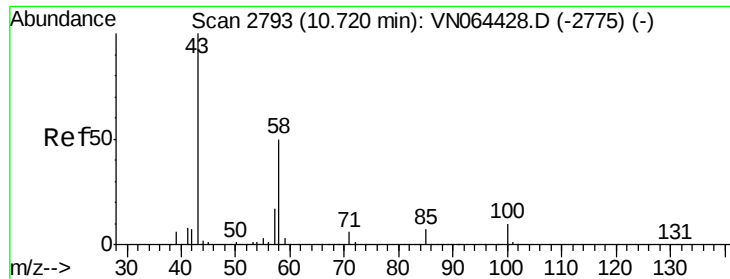
Tot Ion: 97 Resp: 1663
 Ion Ratio Lower Upper
 97 100
 83 69.3 71.7 107.5#
 85 50.8 44.3 66.5
 99 50.6 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 1.881 ug/l
 RT: 10.20 min Scan# 2630
 Delta R.T. -0.20 min
 Lab File: VN064531.D
 Acq: 10 Nov 2020 17:25

Tgt Ion: 69 Resp: 247
 Ion Ratio Lower Upper
 69 100
 41 0.0 59.3 88.9#
 39 192.7 35.4 53.0#

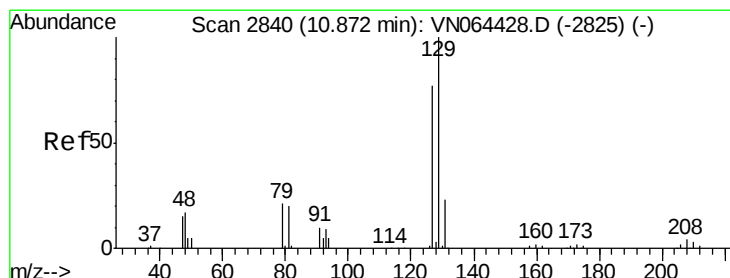
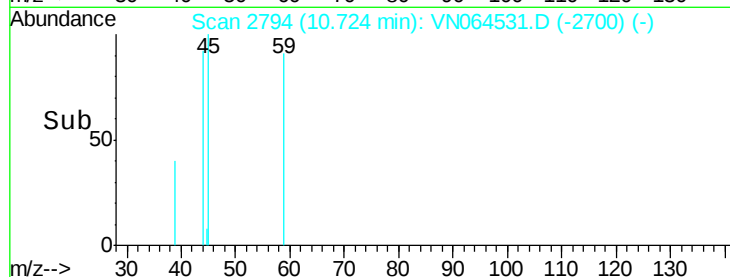
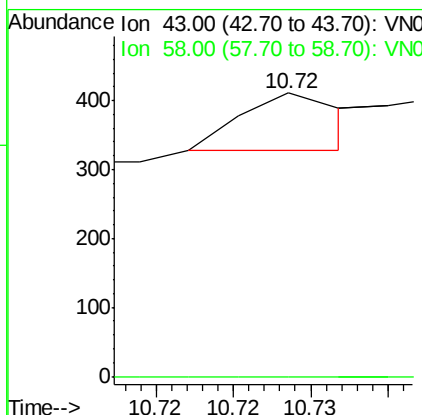
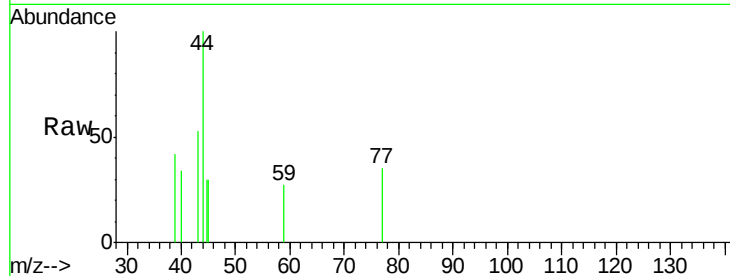




#59
2-Hexanone
Concen: 4.037 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

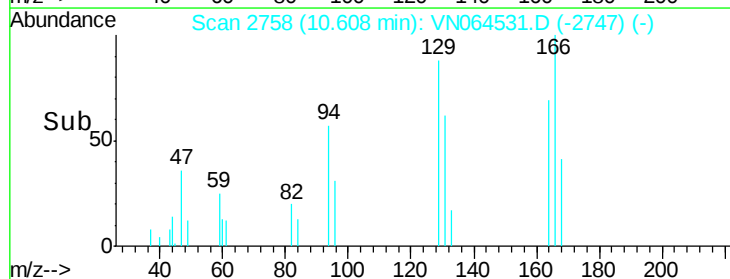
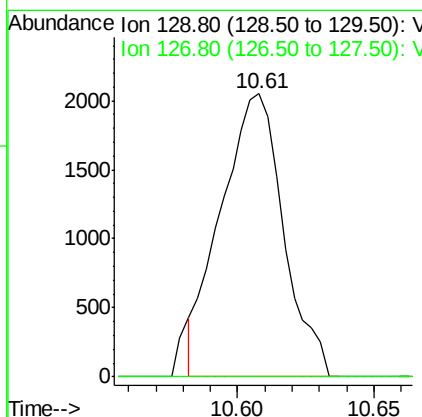
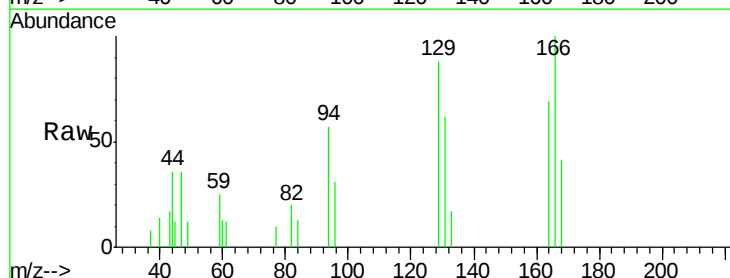
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

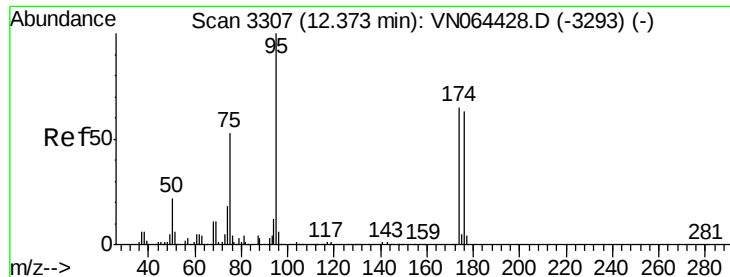
Tot Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
58 0.0 24.7 74.1#



#60
Dibromochloromethane
Concen: 0.804 ug/l
RT: 10.61 min Scan# 2758
Delta R.T. -0.26 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion: 129 Resp: 3266
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 50.720 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

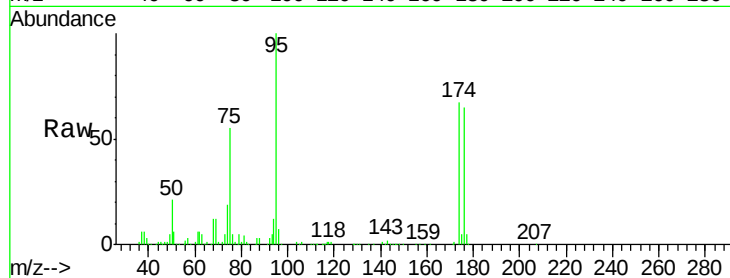
Tot Ion: 95 Resp: 248162

Ion Ratio Lower Upper

95 100

174 68.6 0.0 132.6

176 65.4 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.38

150000

100000

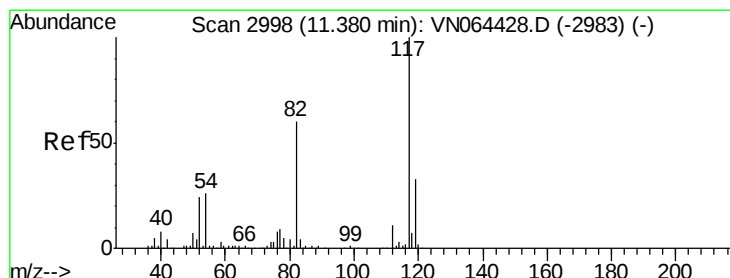
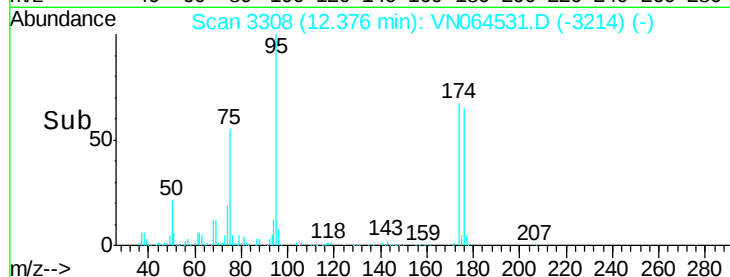
50000

0

Time-->

12.30

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

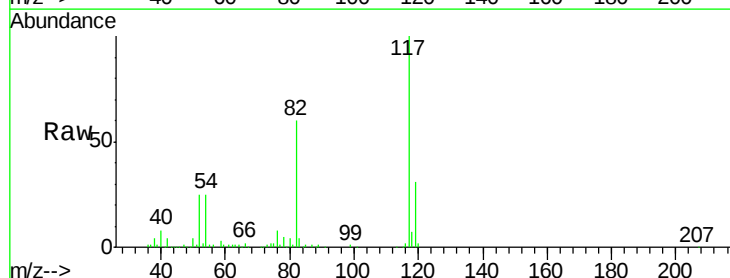
Tgt Ion: 117 Resp: 504464

Ion Ratio Lower Upper

117 100

82 59.6 48.1 72.1

119 31.4 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064428.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064428.D (-2983) (-)

11.38

300000

200000

100000

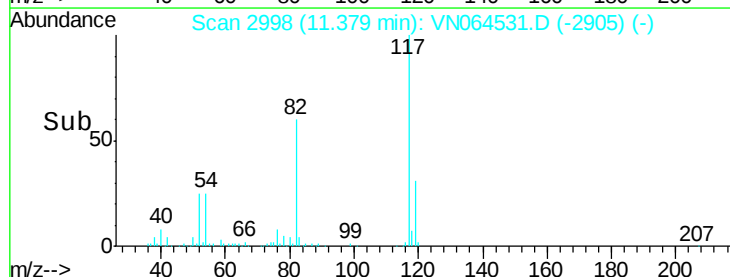
0

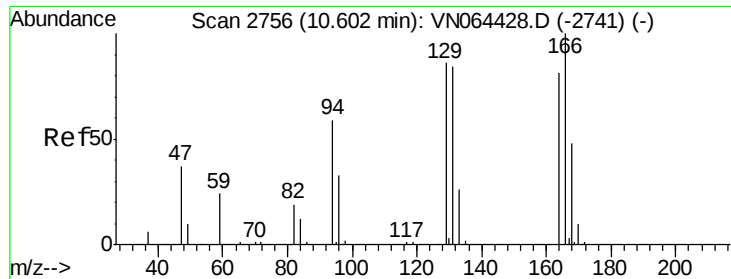
Time-->

11.30

11.40

11.50





#64

Tetrachloroethene

Concen: 0.772 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

Tot Ion:164 Resp: 2998

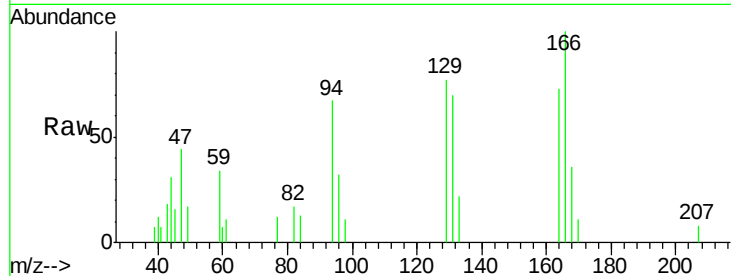
Ion Ratio Lower Upper

164 100

166 136.7 98.2 147.2

129 105.3 84.6 127.0

131 95.3 82.2 123.2

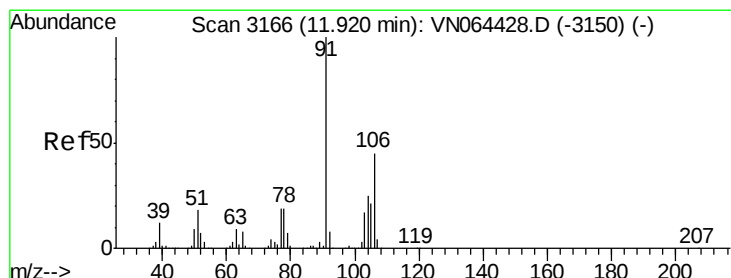
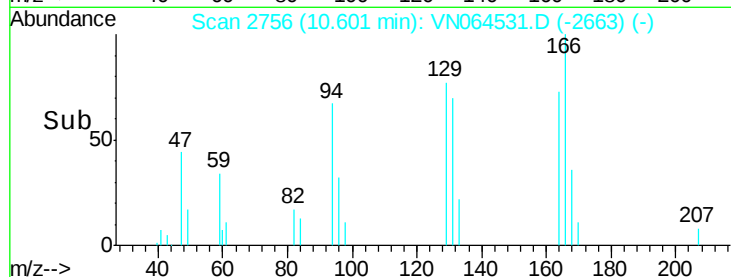
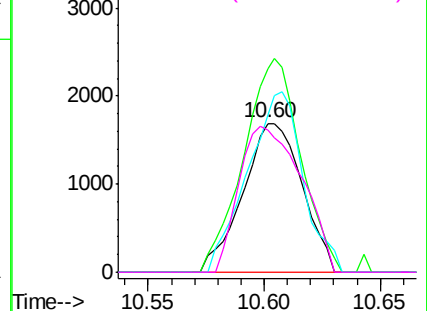


Abundance Ion 163.80 (163.50 to 164.50): V

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: 14.819 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN064531.D

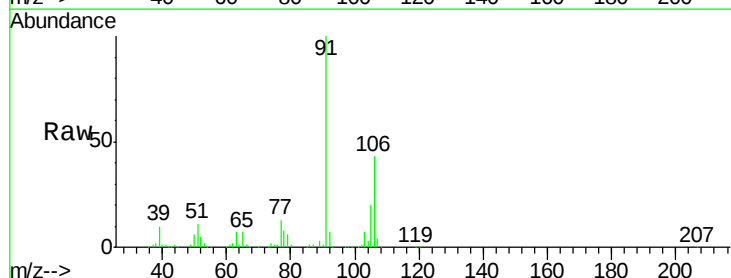
Acq: 10 Nov 2020 17:25

Tgt Ion:106 Resp: 102155

Ion Ratio Lower Upper

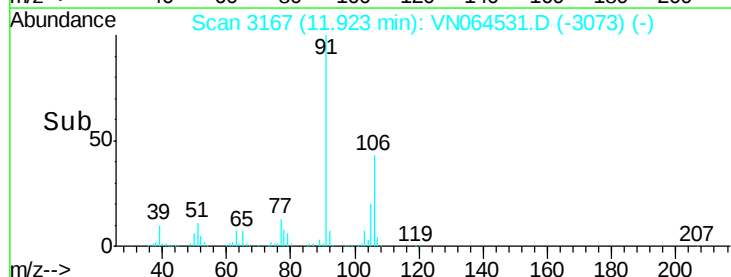
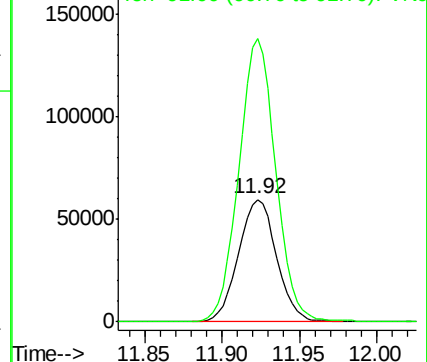
106 100

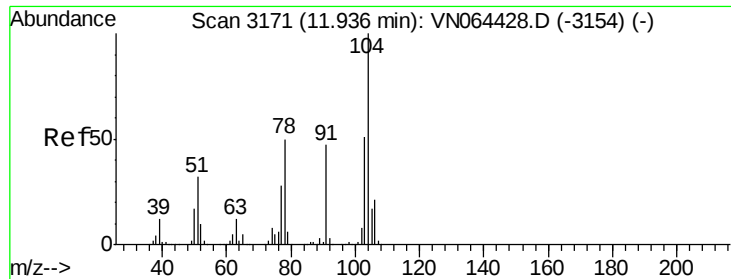
91 223.9 111.7 334.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 0.698 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. -0.01 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

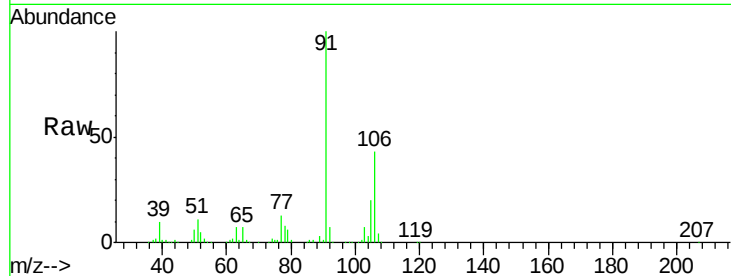
Tot Ion:104 Resp: 8100

Ion Ratio Lower Upper

104 100

78 214.0 44.0 66.0#

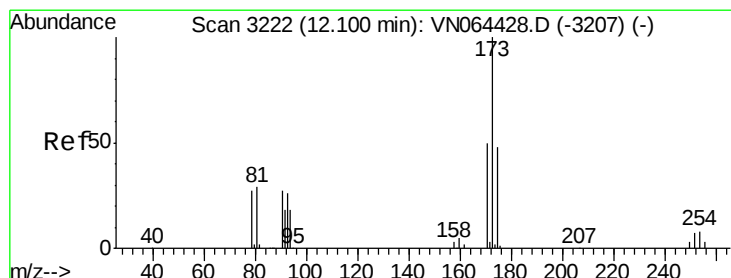
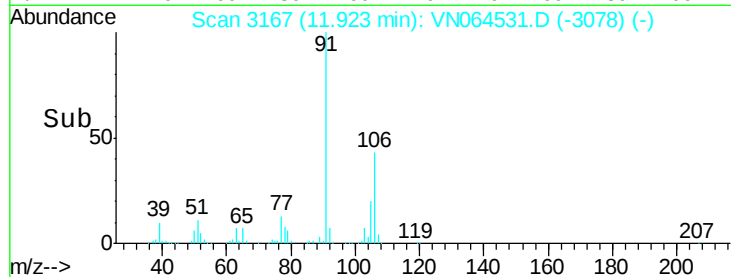
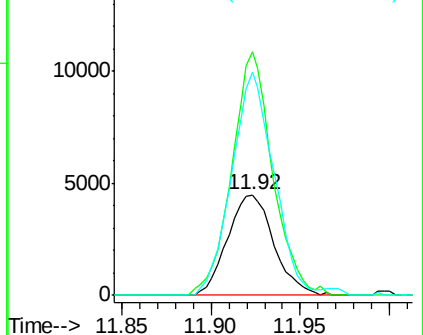
103 202.7 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 1.298 ug/l

RT: 12.35 min Scan# 3299

Delta R.T. 0.25 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

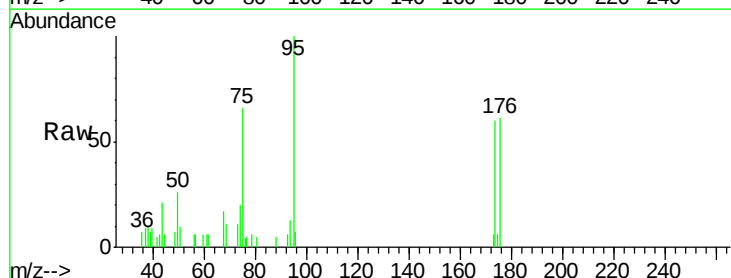
Tgt Ion:173 Resp: 74

Ion Ratio Lower Upper

173 100

175 0.0 23.7 71.1#

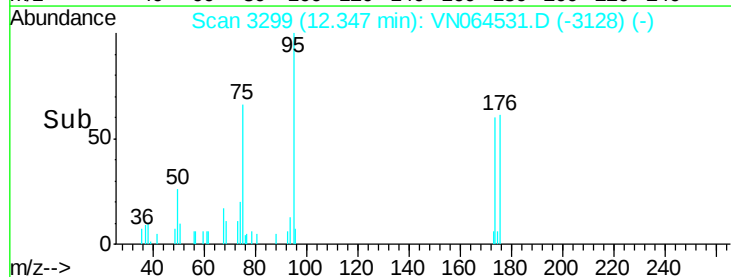
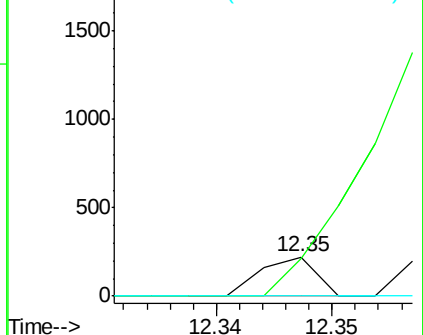
254 0.0 0.0 0.0

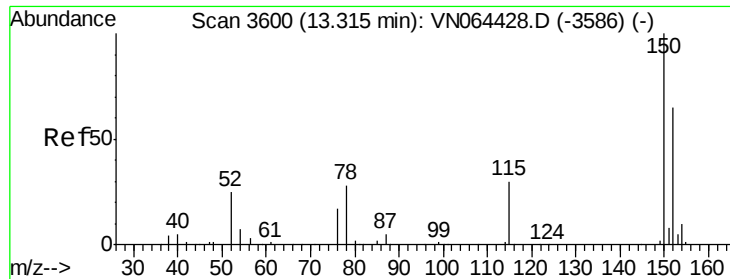


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

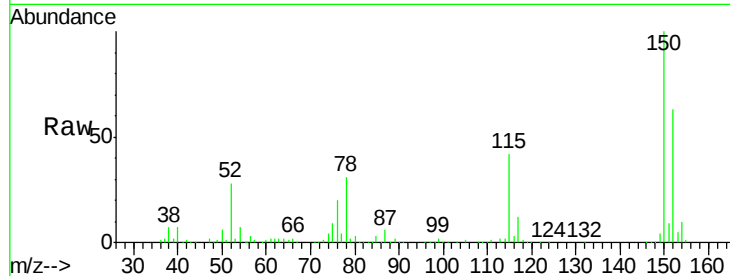
Tot Ion:152 Resp: 189285

Ion Ratio Lower Upper

152 100

115 66.6 32.0 96.0

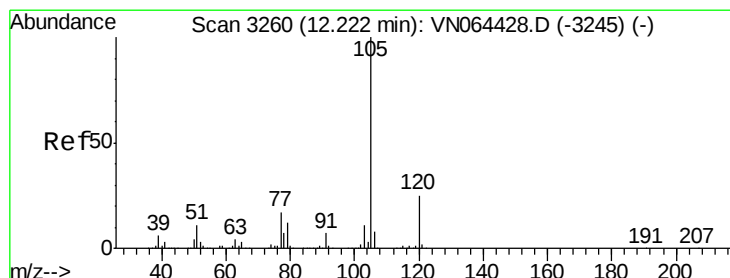
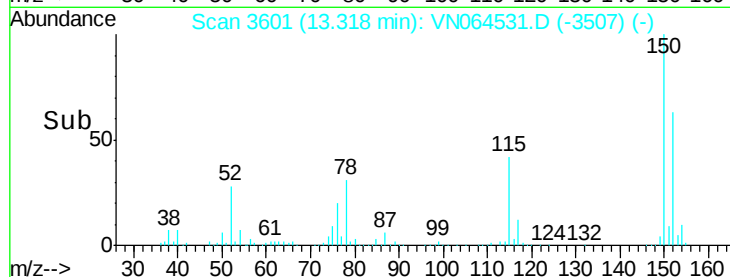
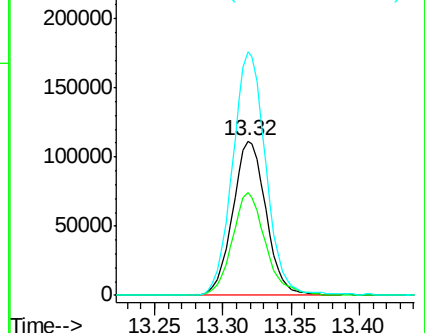
150 157.3 0.0 353.8



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: 1.907 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064531.D

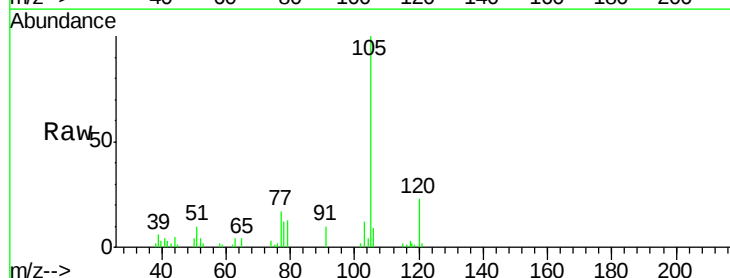
Acq: 10 Nov 2020 17:25

Tgt Ion:105 Resp: 28684

Ion Ratio Lower Upper

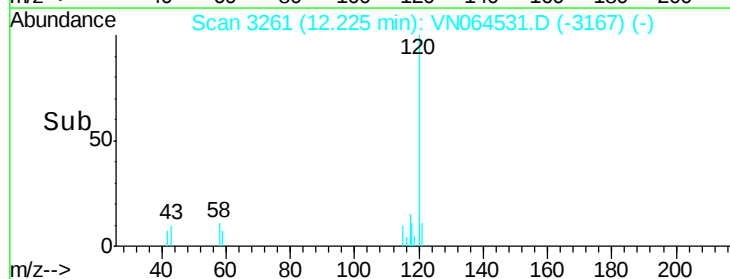
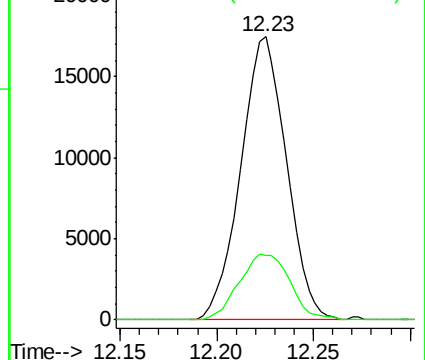
105 100

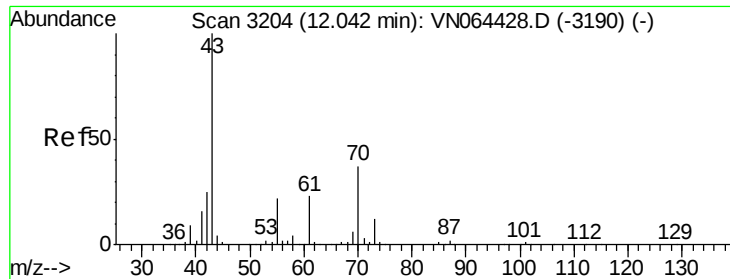
120 25.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

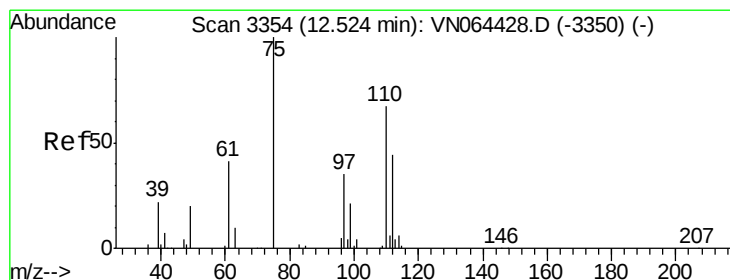
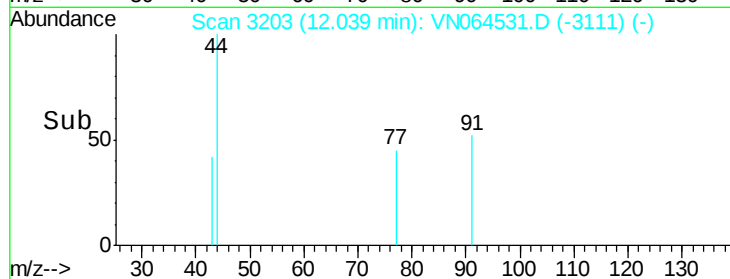
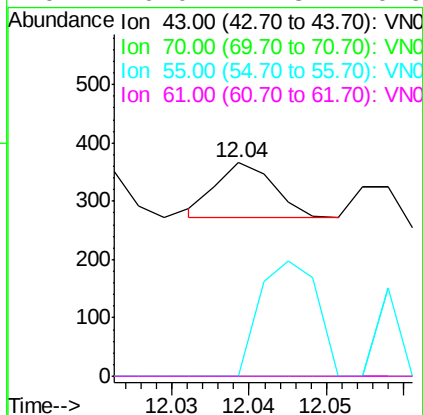
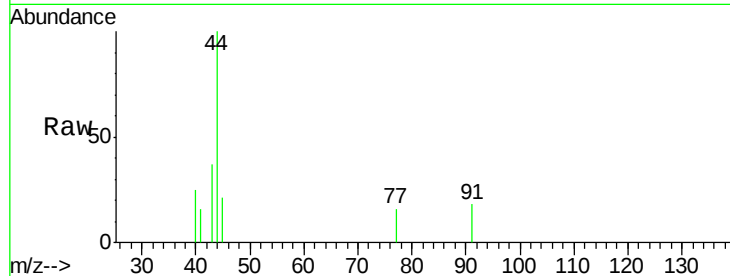




#74
N-amvl acetate
Concen: 1.221 ug/l
RT: 12.04 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

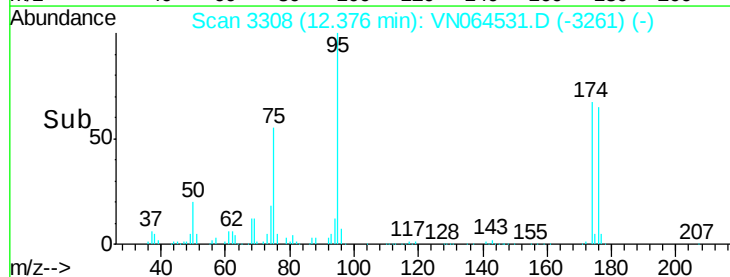
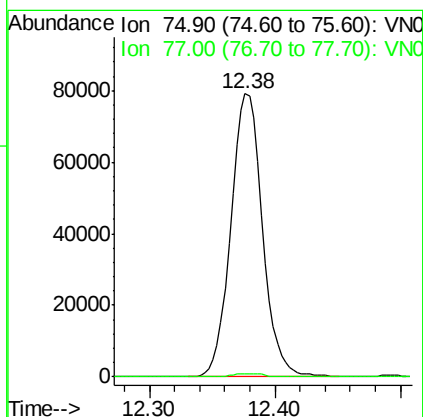
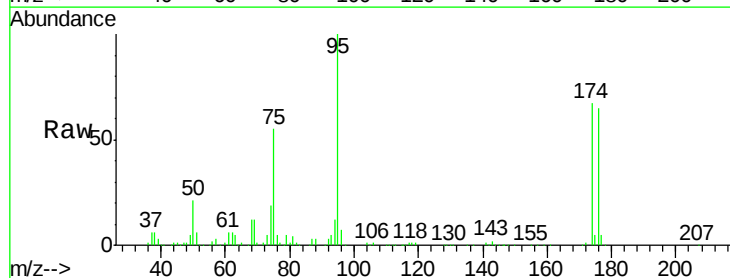
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

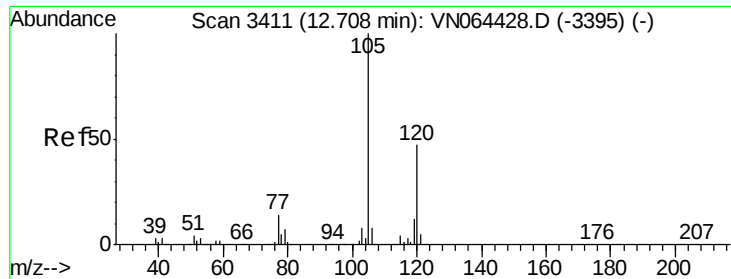
Tot Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
70 0.0 29.6 44.4#
55 212.5 18.4 27.6#
61 0.0 17.8 26.6#



#76
1,2,3-Trichloropropane
Concen: 30.192 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion: 75 Resp: 138465
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#

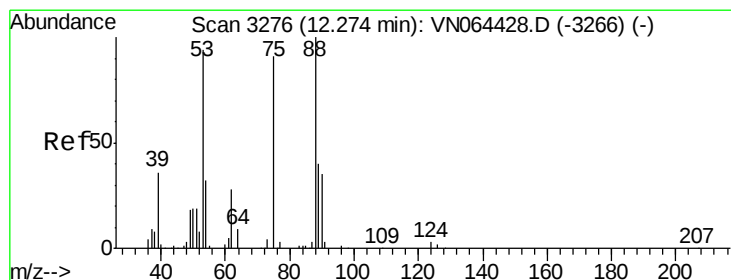
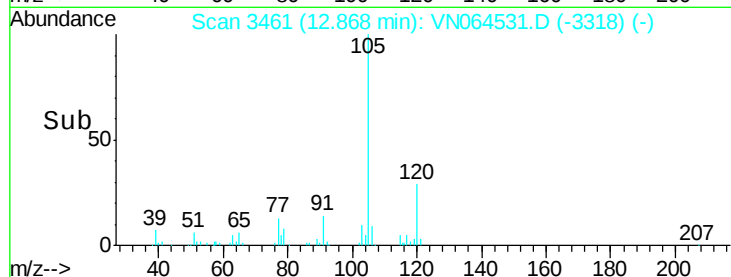
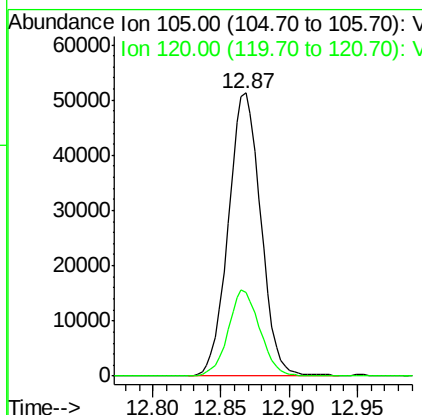
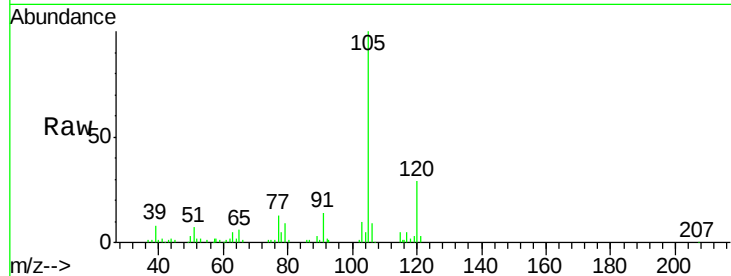




#80
 1,3,5-Trimethylbenzene
 Concen: 6.834 ug/l
 RT: 12.87 min Scan# 3461
 Delta R.T. 0.16 min
 Lab File: VN064531.D
 Acq: 10 Nov 2020 17:25

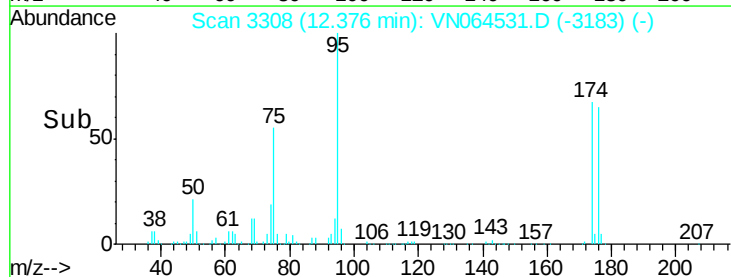
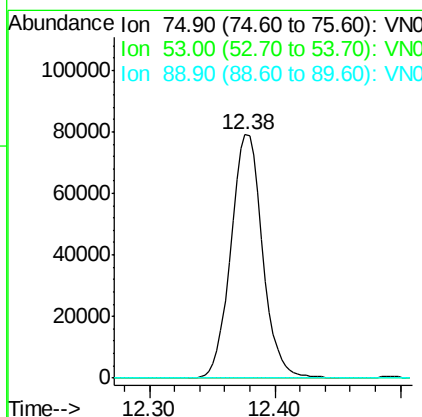
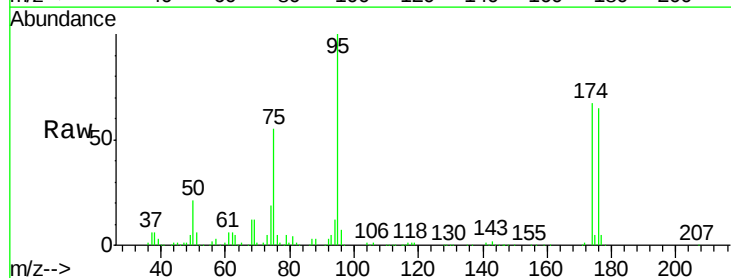
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-518-520

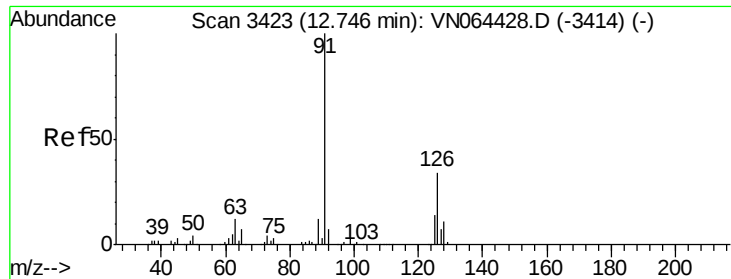
Tot Ion: 105 Resp: 84820
 Ion Ratio Lower Upper
 105 100
 120 29.4 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.298 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064531.D
 Acq: 10 Nov 2020 17:25

Tgt Ion: 75 Resp: 138465
 Ion Ratio Lower Upper
 75 100
 53 0.3 84.0 126.0#
 89 0.0 36.3 54.5#

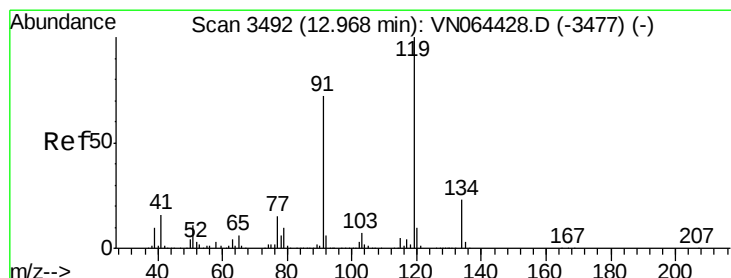
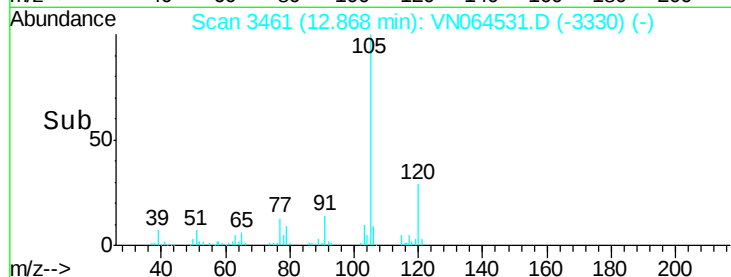
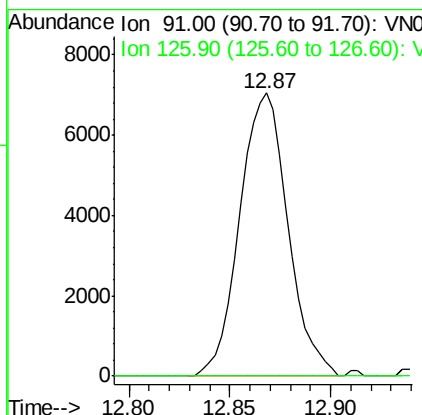
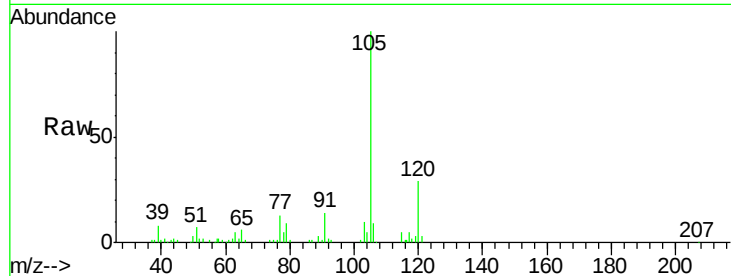




#82
4-Chlorotoluene
Concen: 1.037 ug/l
RT: 12.87 min Scan# 3461
Delta R.T. 0.12 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

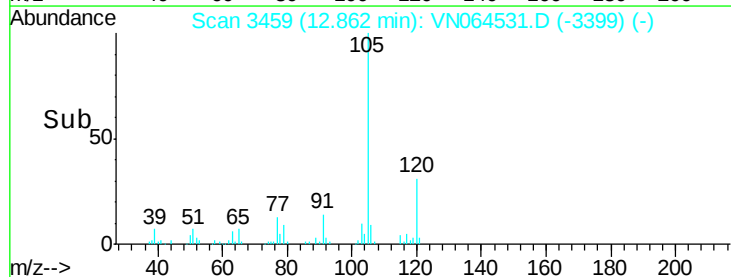
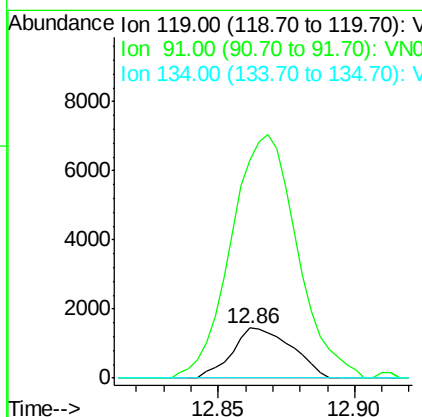
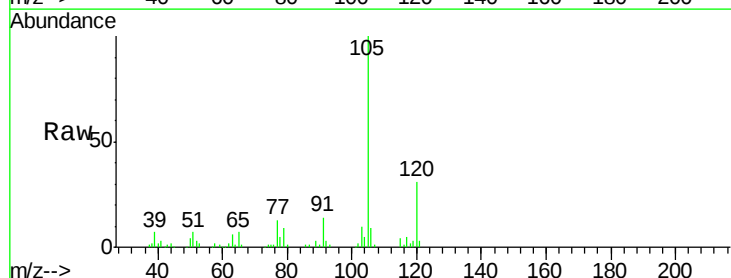
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

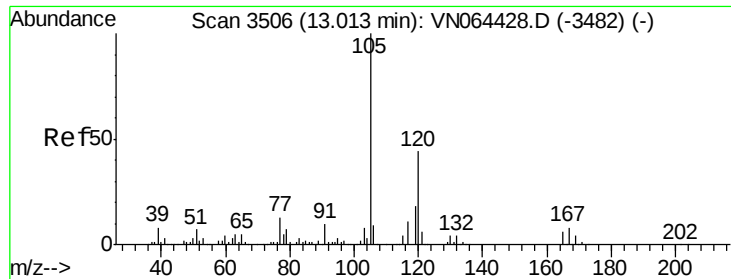
Tot Ion: 91 Resp: 11811
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#83
tert-Butylbenzene
Concen: 0.227 ug/l
RT: 12.86 min Scan# 3459
Delta R.T. -0.11 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion: 119 Resp: 2203
Ion Ratio Lower Upper
119 100
91 536.1 36.1 108.3#
134 0.0 11.7 35.1#

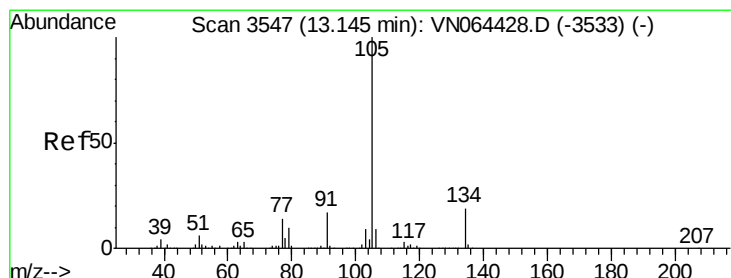
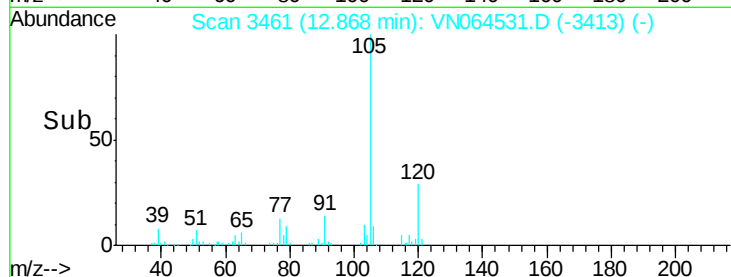
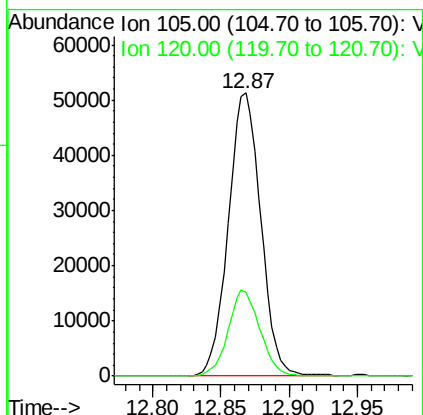
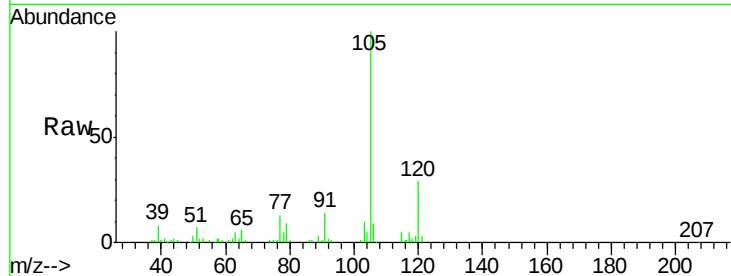




#84
 1,2,4-Trimethylbenzene
 Concen: 6.798 ug/l
 RT: 12.87 min Scan# 3461
 Delta R.T. -0.14 min
 Lab File: VN064531.D
 Acq: 10 Nov 2020 17:25

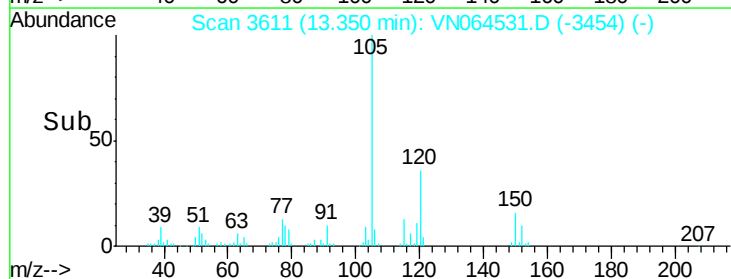
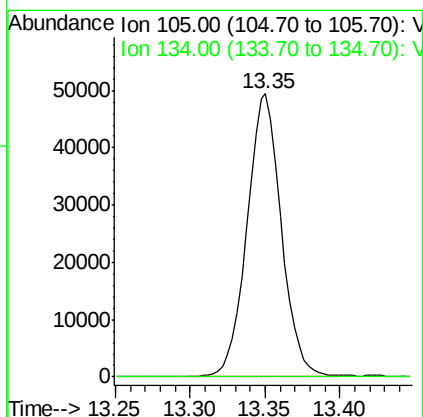
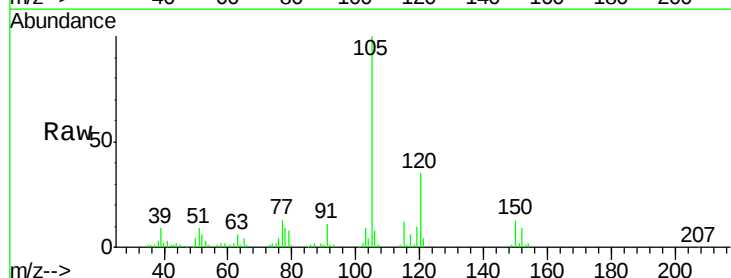
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-518-520

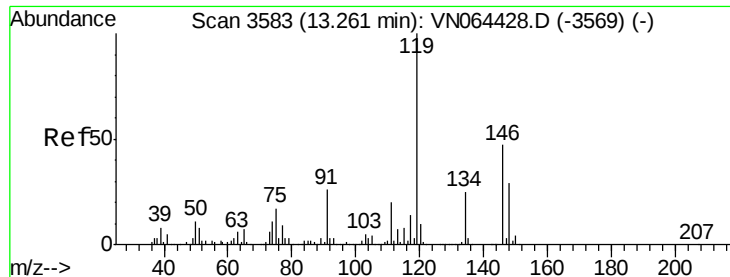
Tot Ion:105 Resp: 84820
 Ion Ratio Lower Upper
 105 100
 120 29.4 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 6.407 ug/l
 RT: 13.35 min Scan# 3611
 Delta R.T. 0.21 min
 Lab File: VN064531.D
 Acq: 10 Nov 2020 17:25

Tgt Ion:105 Resp: 78653
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#

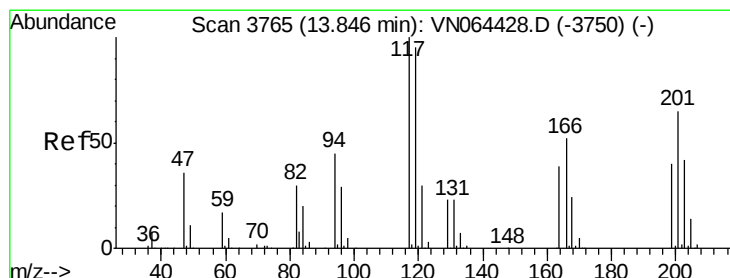
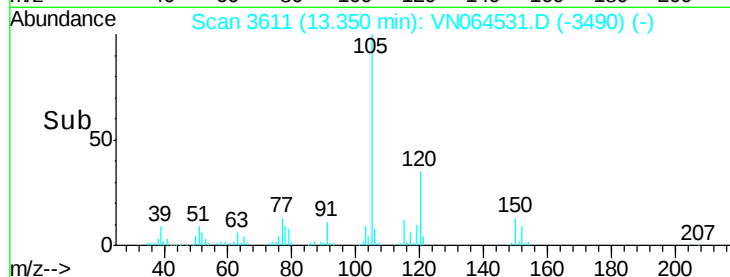
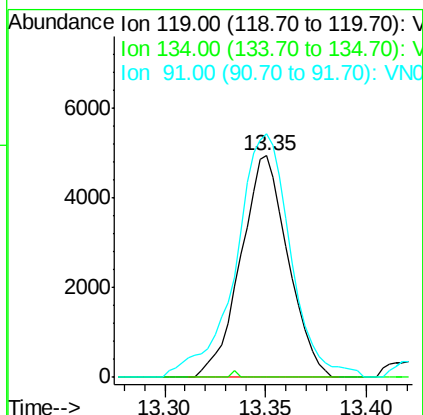
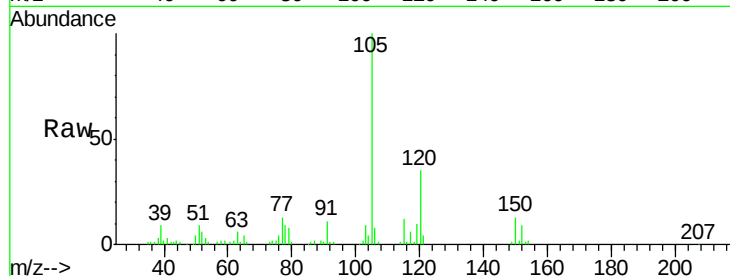




#86
p-Isopropyltoluene
Concen: 0.733 ug/l
RT: 13.35 min Scan# 3611
Delta R.T. 0.09 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

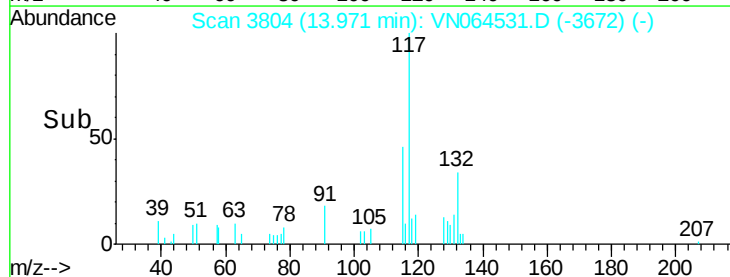
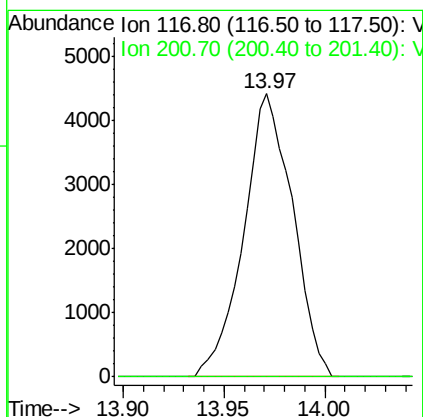
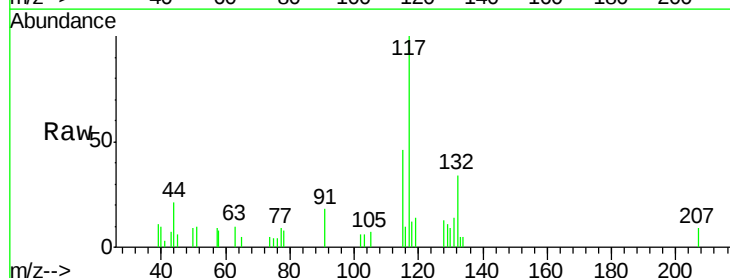
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

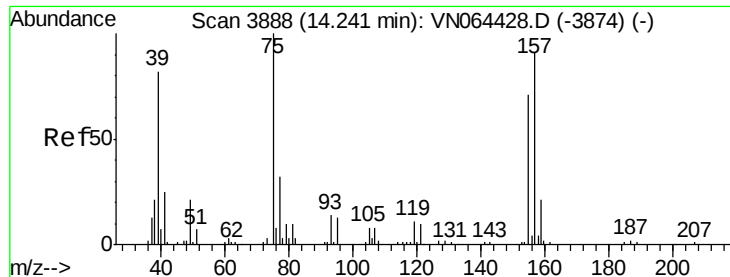
Tot Ion:119 Resp: 8095
Ion Ratio Lower Upper
119 100
134 0.4 12.6 37.6#
91 127.3 12.8 38.3#



#90
Hexachloroethane
Concen: 3.530 ug/l
RT: 13.97 min Scan# 3804
Delta R.T. 0.13 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion:117 Resp: 7520
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.210 ug/l

RT: 13.97 min Scan# 3803

Delta R.T. -0.27 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

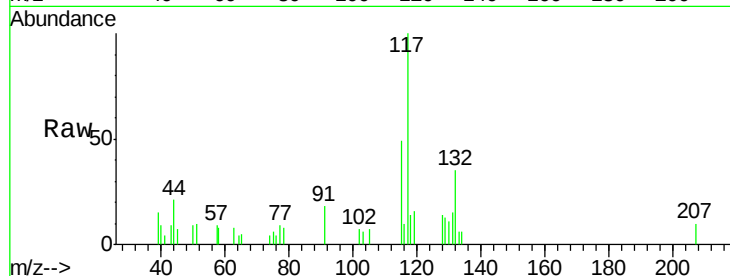
Tot Ion: 75 Resp: 193

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

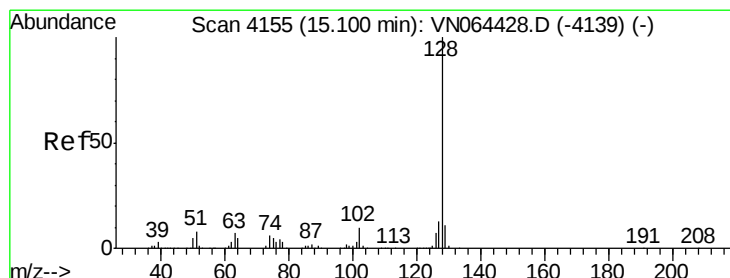
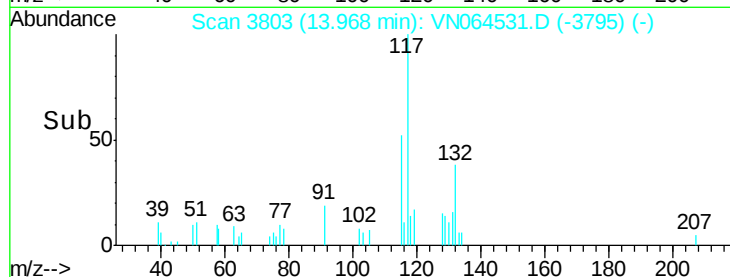
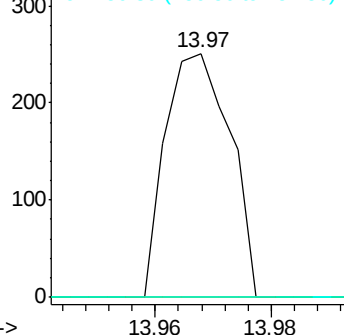
157 0.0 43.0 128.8#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3874) (-)

Ion 154.80 (154.50 to 155.50): VN064428.D (-3874) (-)

Ion 156.80 (156.50 to 157.50): VN064428.D (-3874) (-)



#95

Naphthalene

Concen: 3.652 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

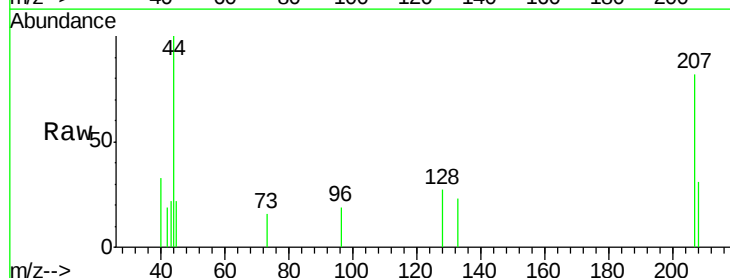
Tgt Ion: 128 Resp: 329

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): VN064428.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN064428.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN064428.D (-4139) (-)

