

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064532.D
 Acq On : 10 Nov 2020 17:49
 Operator : JC/MD
 Sample : L4684-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-DUP-20201106

Quant Time: Nov 11 01:52:23 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	240340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	495784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	236320	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
35) Dibromofluoromethane	7.55	113	172143	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.06	98	630957	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.38	95	249744	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1167	0.307	ug/l #	78
11) Tert butyl alcohol	4.75	59	25195	54.574	ug/l #	71
12) 1,1-Dichloroethene	3.69	96	20045	7.798	ug/l	99
13) Acrolein	3.45	56	643	2.245	ug/l #	1
14) Allyl chloride	4.36	41	8461	1.683	ug/l #	53
15) Acrylonitrile	5.00	53	5292	4.117	ug/l #	29
16) Acetone	3.76	43	36233	22.721	ug/l #	59
18) Methyl Acetate	4.35	43	3698	1.180	ug/l #	55
20) Methylene Chloride	4.50	84	4780	1.511	ug/l #	65
22) Diisopropyl ether	5.92	45	10479	0.982	ug/l #	96
23) Vinyl Acetate	5.92	43	7110	0.819	ug/l #	76
24) 1,1-Dichloroethane	5.80	63	158747	27.066	ug/l	99
25) 2-Butanone	6.80	43	635	0.313	ug/l #	55
31) Cyclohexane	7.62	56	13300	2.613	ug/l #	65
32) 1,1,1-Trichloroethane	7.52	97	3610	0.660	ug/l #	35
36) 1,1-Dichloropropene	7.63	75	23161	4.422	ug/l #	52
37) Ethyl Acetate	6.85	43	55	0.773	ug/l #	71
38) Carbon Tetrachloride	7.63	117	28801	5.145	ug/l #	17
40) Benzene	8.00	78	3673132	238.659	ug/l	100
42) 1,2-Dichloroethane	8.09	62	119793	19.287	ug/l	98
43) Isopropyl Acetate	8.11	43	8330	0.981	ug/l #	1
44) Trichloroethene	8.81	130	10386	2.675	ug/l	95
49) 1,4-Dioxane	9.17	88	1177	20.864	ug/l #	33
52) Toluene	10.13	92	2174	0.232	ug/l #	29
56) Ethyl methacrylate	10.41	69	232	1.878	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.69	63	61	21.557	ug/l #	51
59) 2-Hexanone	10.86	43	384	4.122	ug/l	94
60) Dibromochloromethane	10.60	129	3041	0.742	ug/l #	10
64) Tetrachloroethene	10.60	164	3046	0.783	ug/l #	81
69) o-Xylene	11.92	106	33181	4.810	ug/l	96
70) Styrene	11.93	104	2424	0.209	ug/l #	1
71) Bromoform	12.38	173	859	1.545	ug/l #	1
73) Isopropylbenzene	12.23	105	86710	5.814	ug/l	98
74) N-amyl acetate	12.06	43	376	1.265	ug/l #	35

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064532.D
 Acq On : 10 Nov 2020 17:49
 Operator : JC/MD
 Sample : L4684-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-DUP-20201106

Quant Time: Nov 11 01:52:23 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

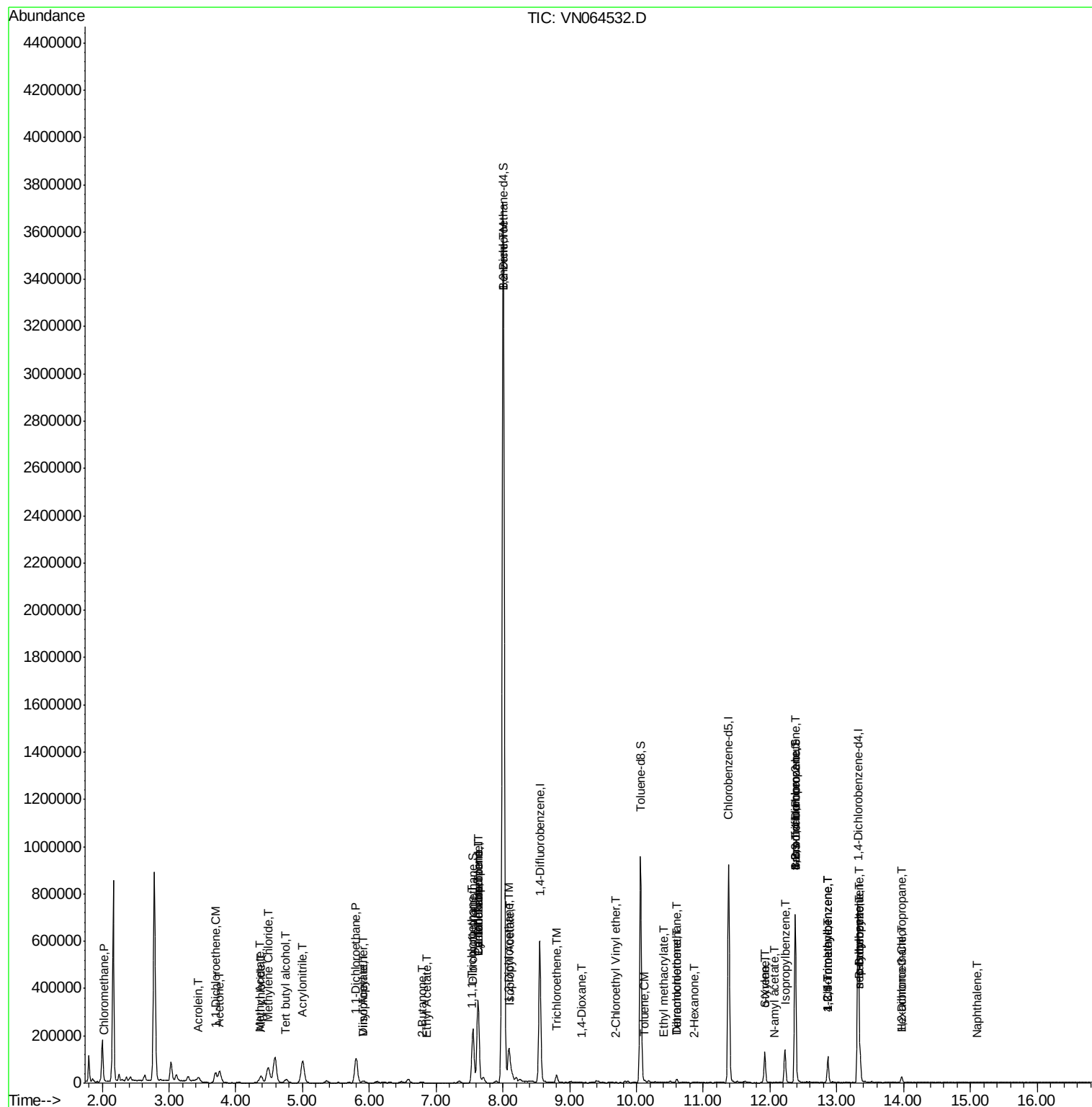
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.38	75	135767	29.864	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.87	105	66209	5.381	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.38	75	135767	83.383	ug/l #	8
82) 4-Chlorotoluene	12.87	91	9431	0.835	ug/l #	44
84) 1,2,4-Trimethylbenzene	12.87	105	66209	5.353	ug/l	74
85) sec-Butylbenzene	13.35	105	57209	4.701	ug/l #	58
86) p-Isopropyltoluene	13.35	119	5788	0.529	ug/l #	1
89) n-Butylbenzene	13.35	91	7776	0.826	ug/l #	50
90) Hexachloroethane	13.97	117	10704	5.069	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.97	75	275	0.302	ug/l #	10
95) Naphthalene	15.10	128	119	3.634	ug/l #	69

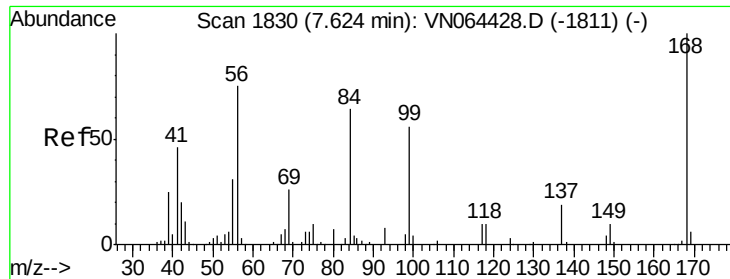
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064532.D
Acq On : 10 Nov 2020 17:49
Operator : JC/MD
Sample : L4684-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Quant Time: Nov 11 01:52:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

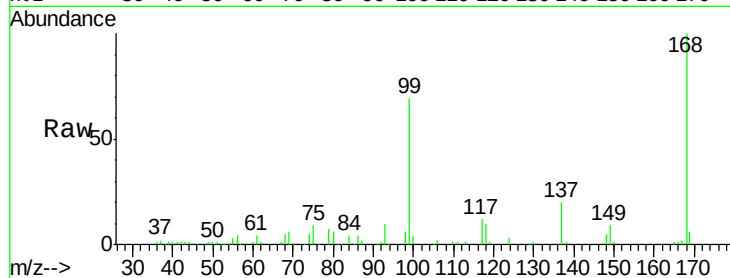
BP-VPB178-DUP-20201106

Tot Ion:168 Resp: 240340

Ion Ratio Lower Upper

168 100

99 68.9 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

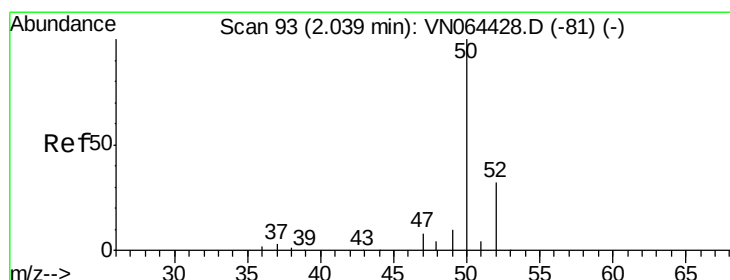
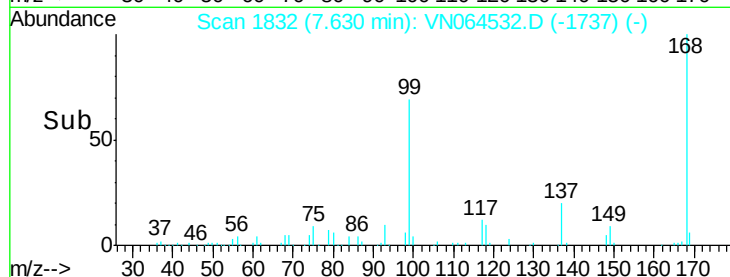
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.307 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064532.D

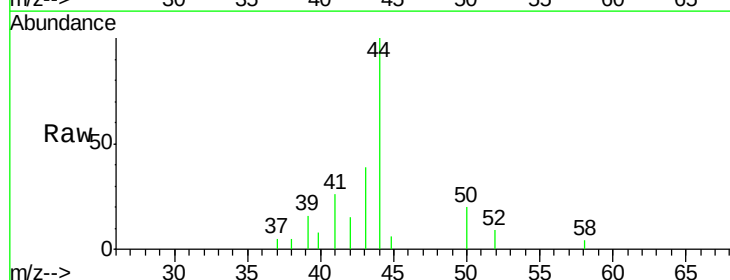
Acq: 10 Nov 2020 17:49

Tgt Ion: 50 Resp: 1167

Ion Ratio Lower Upper

50 100

52 43.6 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

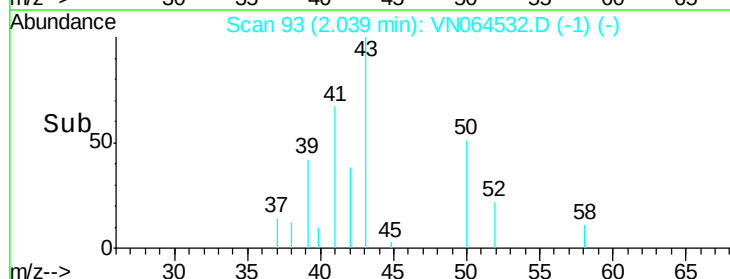
2.04

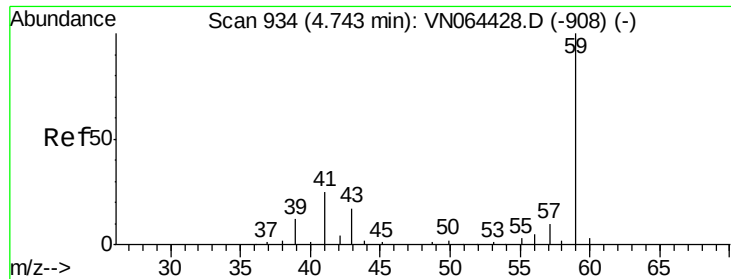
1000

500

0

Time-->

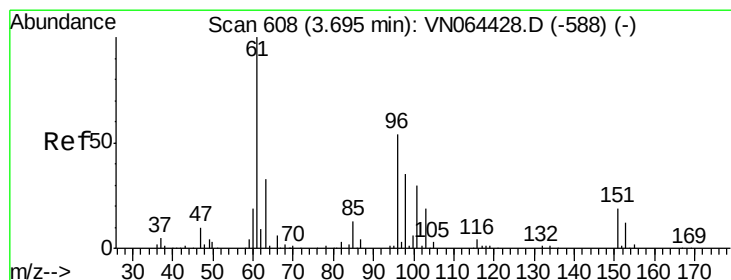
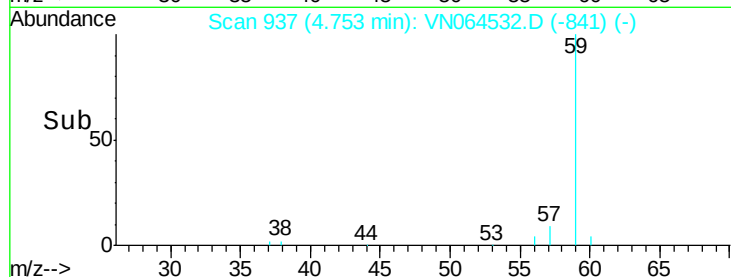
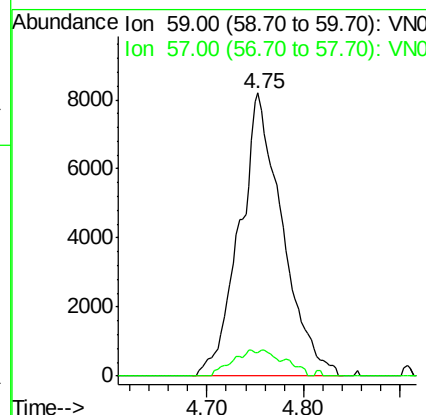
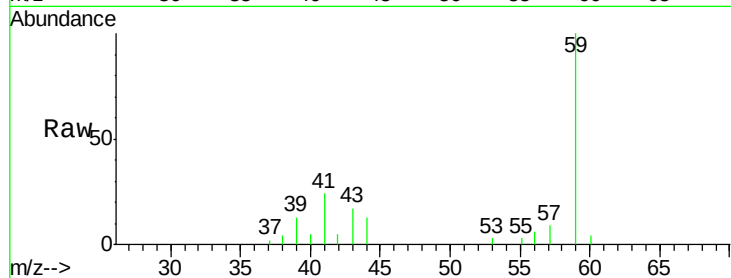




#11
Tert butyl alcohol
Concen: 54.574 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

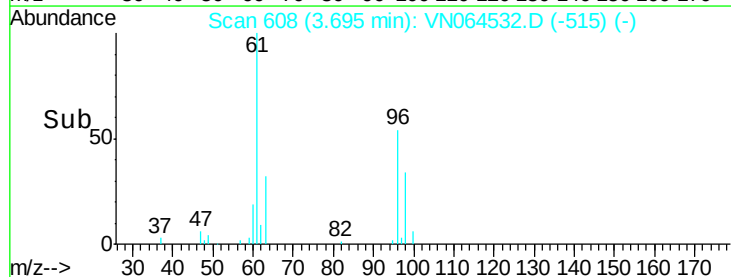
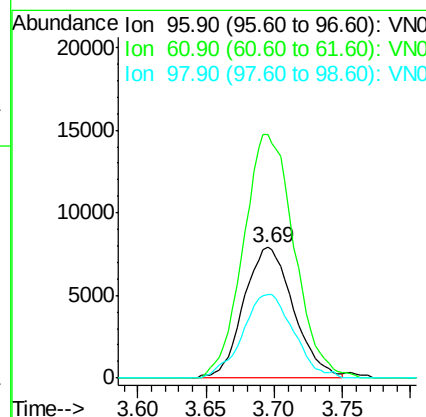
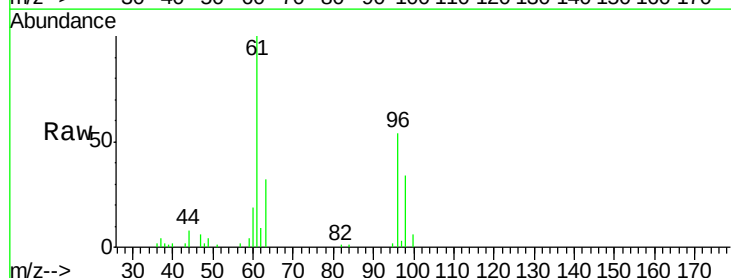
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

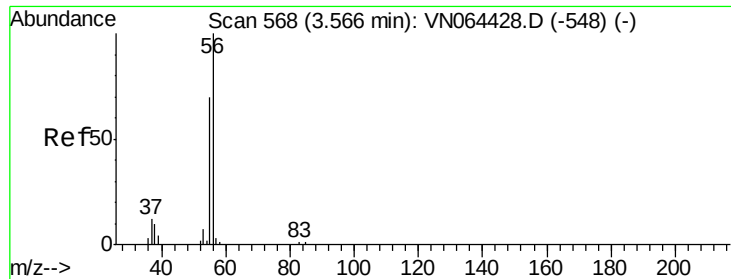
Tot Ion: 59 Resp: 25195
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 7.798 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 96 Resp: 20045
Ion Ratio Lower Upper
96 100
61 186.0 149.5 224.3
98 64.0 52.4 78.6





#13

Acrolein

Concen: 2.245 ug/l

RT: 3.45 min Scan# 532

Delta R.T. -0.12 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

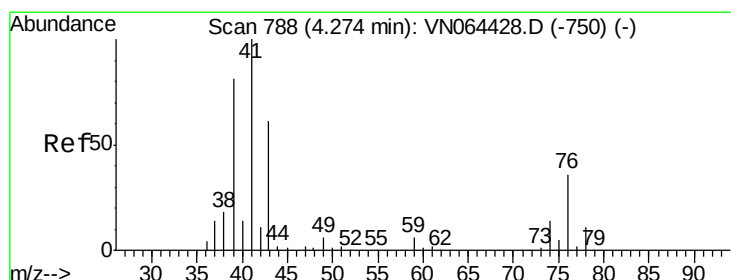
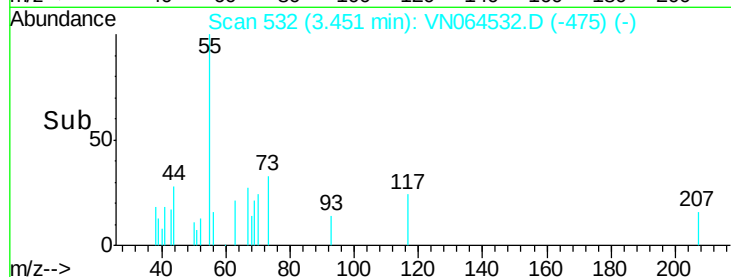
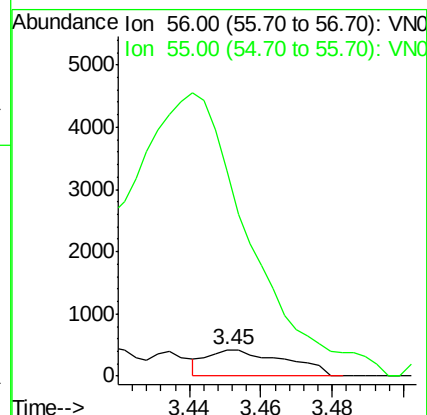
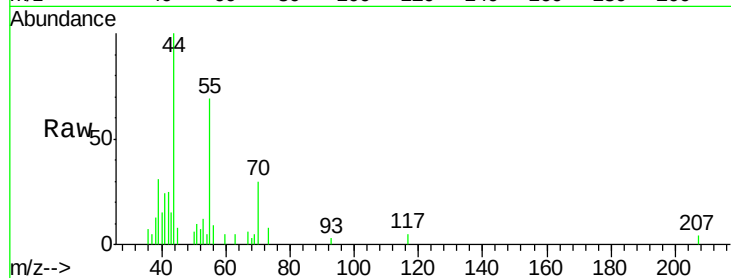
BP-VPB178-DUP-20201106

Tot Ion: 56 Resp: 643

Ion Ratio Lower Upper

56 100

55 1794.4 55.9 83.9#



#14

Allyl chloride

Concen: 1.683 ug/l

RT: 4.36 min Scan# 814

Delta R.T. 0.08 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

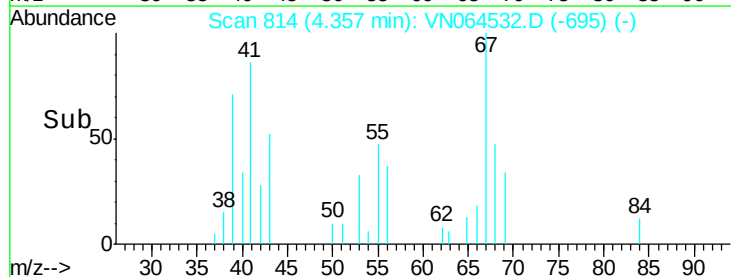
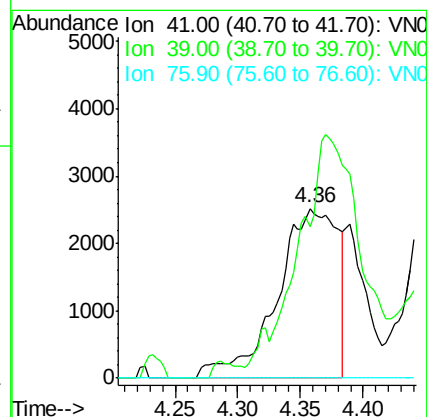
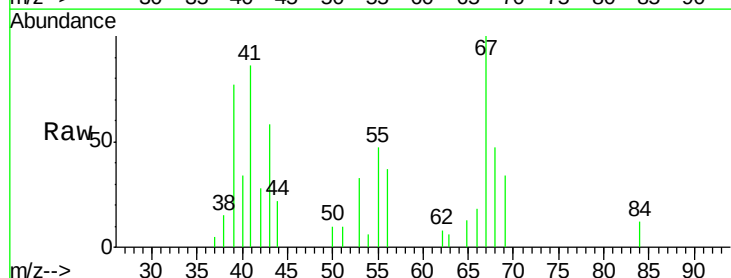
Tgt Ion: 41 Resp: 8461

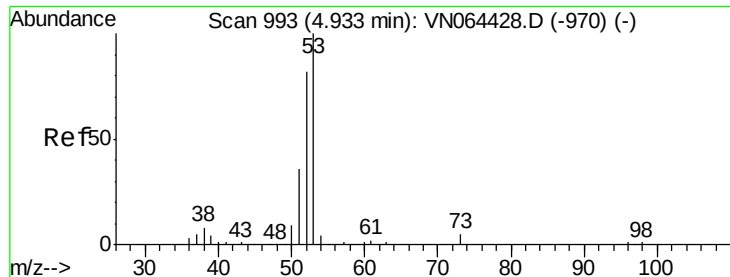
Ion Ratio Lower Upper

41 100

39 114.4 61.8 92.8#

76 0.0 25.4 38.0#





#15

Acrylonitrile

Concen: 4.117 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.06 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106

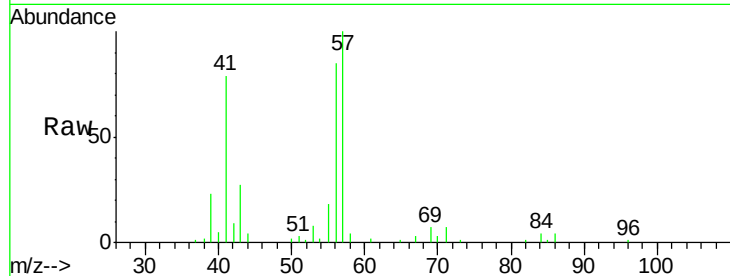
Tot Ion: 53 Resp: 5292

Ion Ratio Lower Upper

53 100

52 4.5 65.6 98.4#

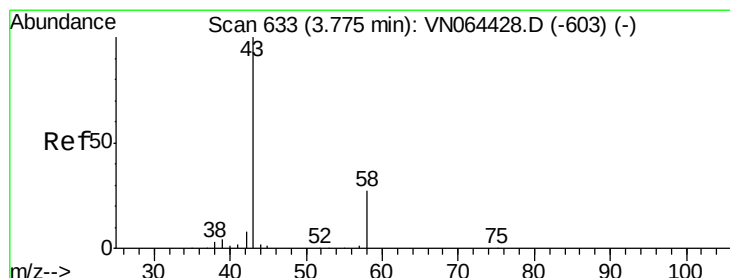
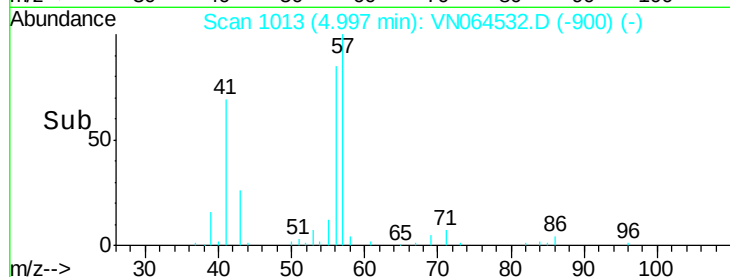
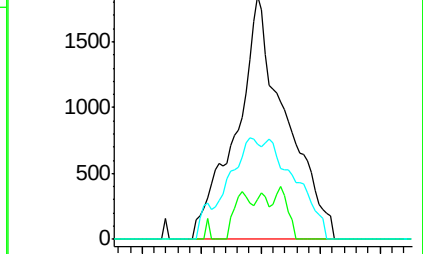
51 14.9 29.9 44.9#



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

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

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



#16

Acetone

Concen: 22.721 ug/l

RT: 3.76 min Scan# 629

Delta R.T. -0.01 min

Lab File: VN064532.D

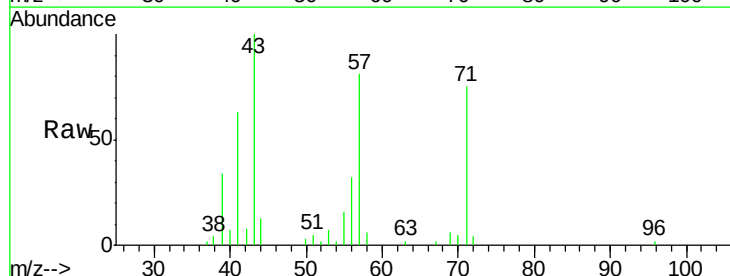
Acq: 10 Nov 2020 17:49

Tgt Ion: 43 Resp: 36233

Ion Ratio Lower Upper

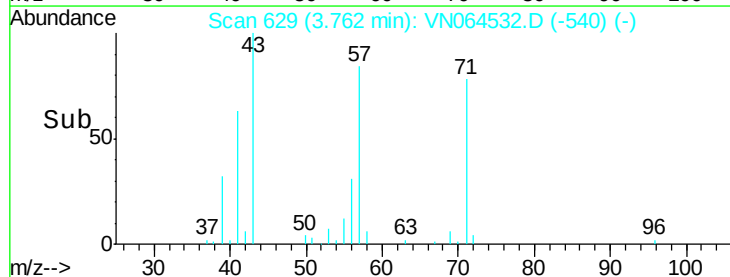
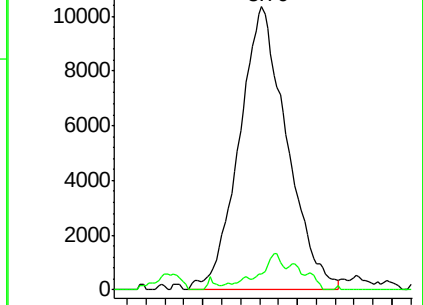
43 100

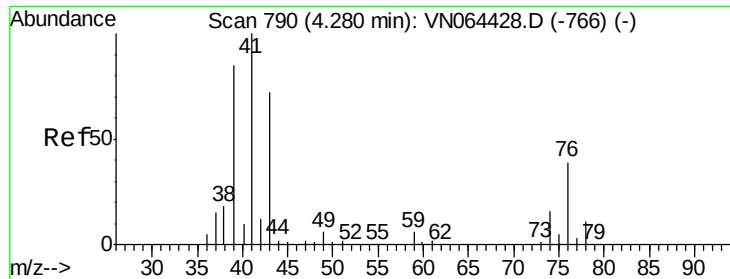
58 5.7 21.4 32.0#



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

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

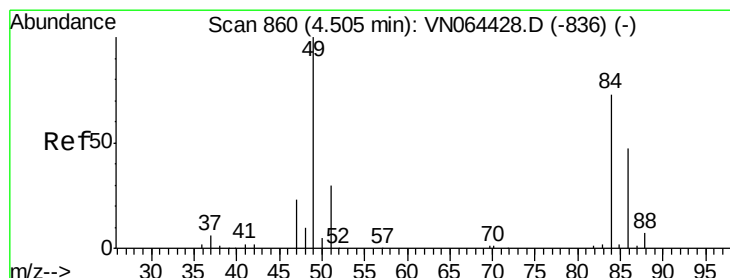
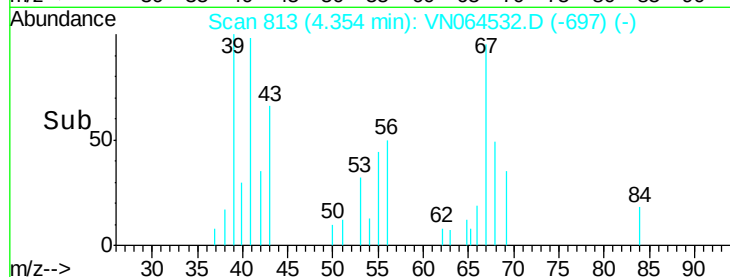
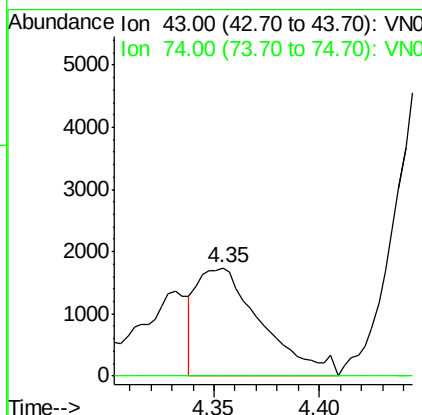
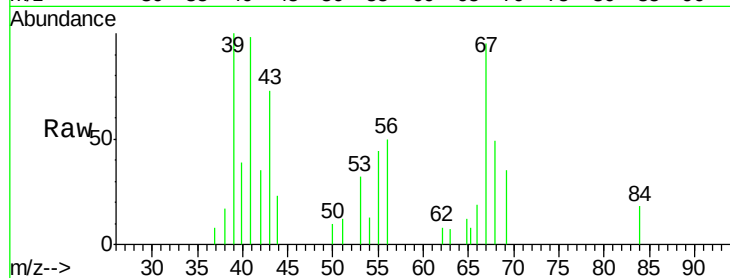




#18
Methvl Acetate
Concen: 1.180 ug/l
RT: 4.35 min Scan# 813
Delta R.T. 0.07 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

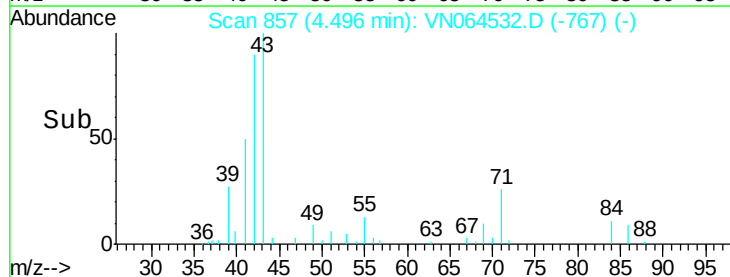
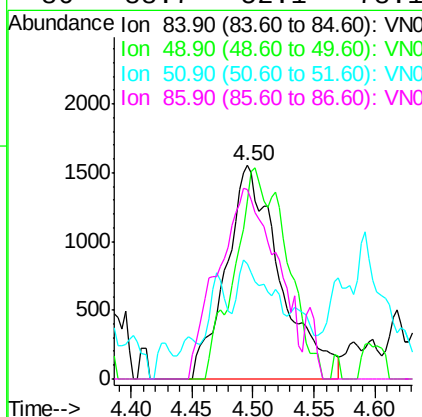
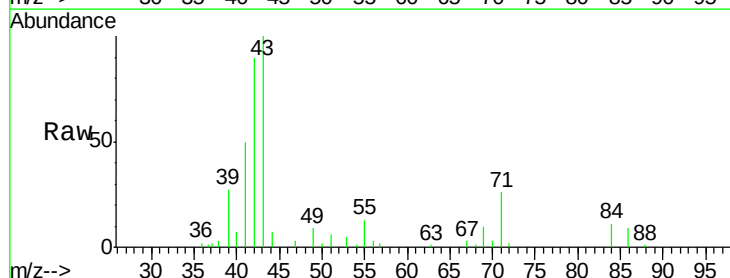
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

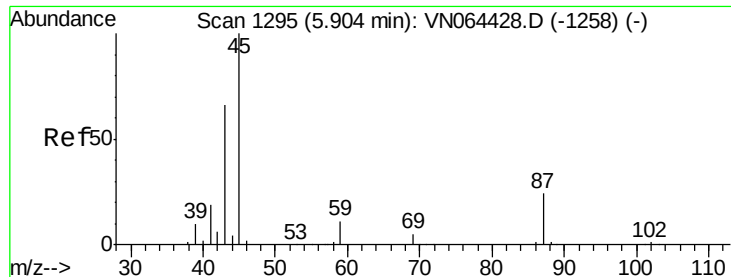
Tot Ion: 43 Resp: 3698
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#20
Methylene Chloride
Concen: 1.511 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 84 Resp: 4780
Ion Ratio Lower Upper
84 100
49 83.5 110.1 165.1#
51 34.3 33.6 50.4
86 88.7 52.1 78.1#





#22

Diisopropyl ether

Concen: 0.982 ug/l

RT: 5.92 min Scan# 1300

Delta R.T. 0.02 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106

Tot Ion: 45 Resp: 10479

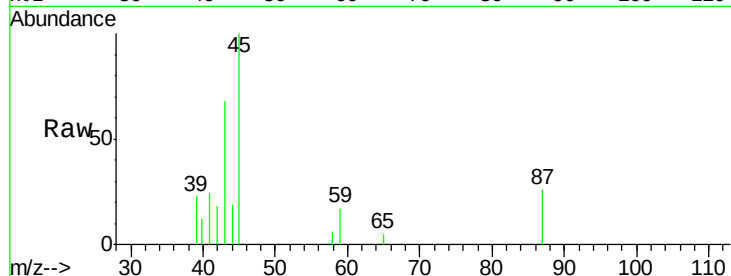
Ion Ratio Lower Upper

45 100

43 68.3 53.2 79.8

87 26.0 19.9 29.9

59 17.3 8.6 13.0#

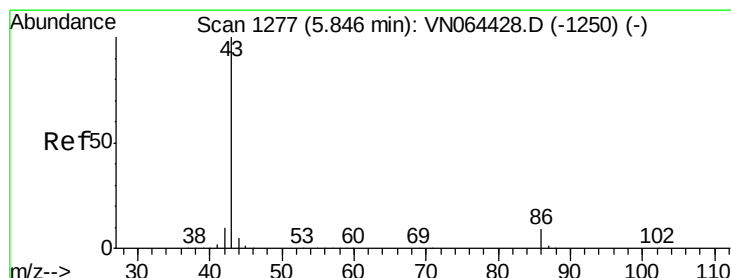
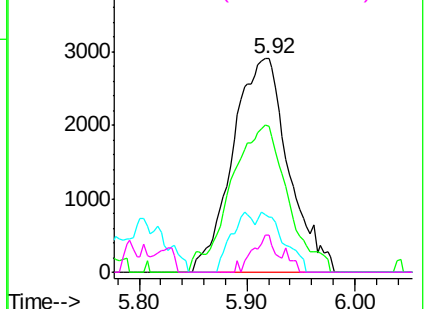
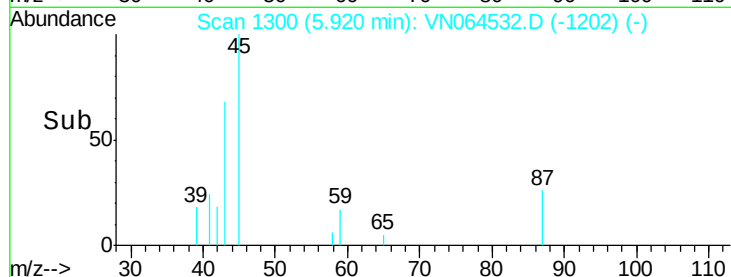


Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 0.819 ug/l

RT: 5.92 min Scan# 1299

Delta R.T. 0.07 min

Lab File: VN064532.D

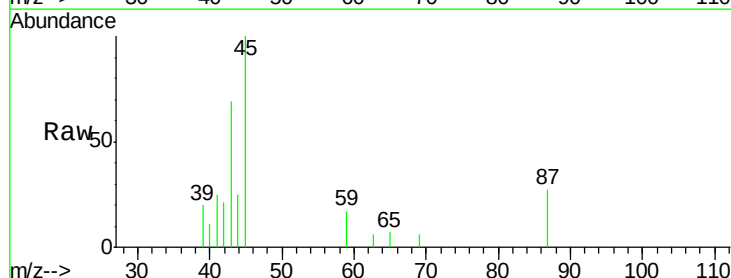
Acq: 10 Nov 2020 17:49

Tgt Ion: 43 Resp: 7110

Ion Ratio Lower Upper

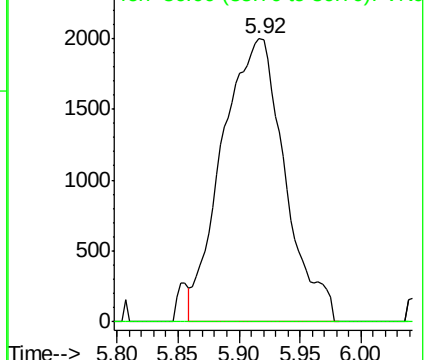
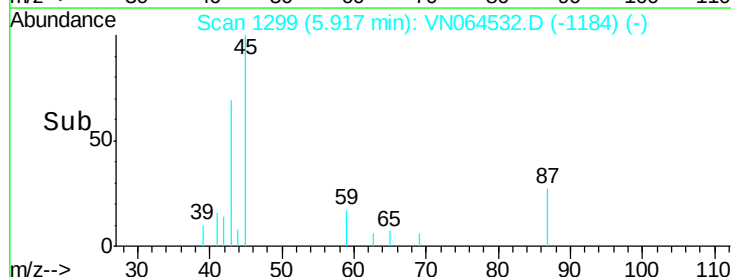
43 100

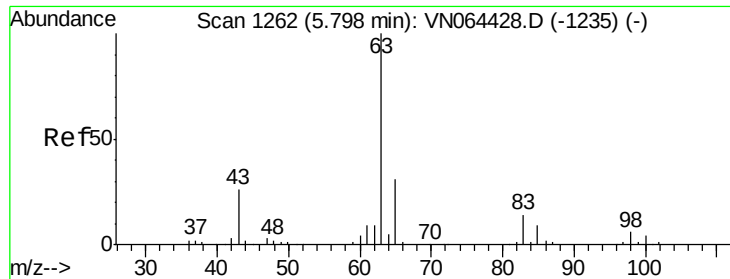
86 0.0 6.8 10.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#24

1,1-Dichloroethane

Concen: 27.066 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106

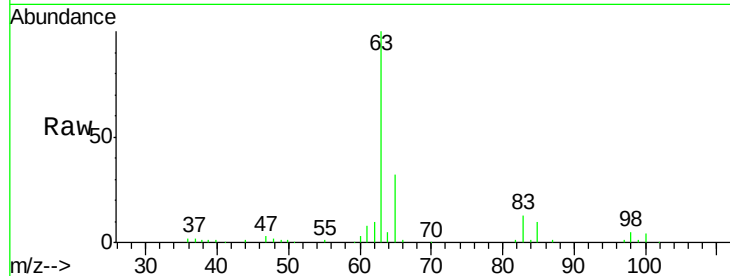
Tot Ion: 63 Resp: 158747

Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.2

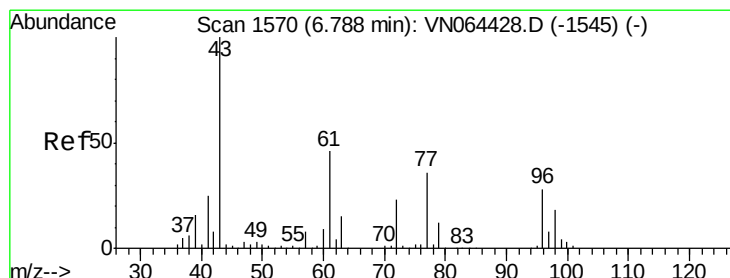
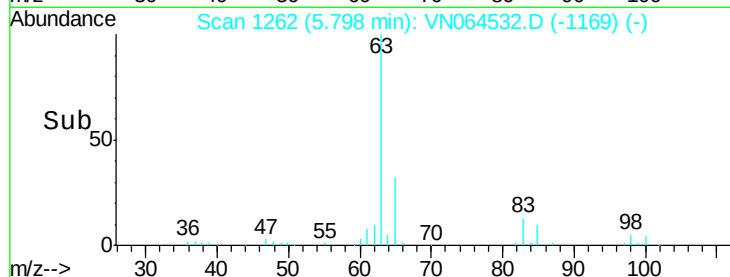
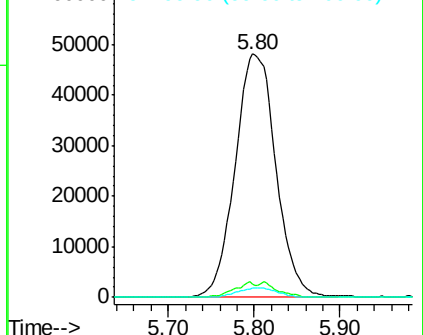
100 3.7 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN064532.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064532.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064532.D (-1169) (-)



#25

2-Butanone

Concen: 0.313 ug/l

RT: 6.80 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN064532.D

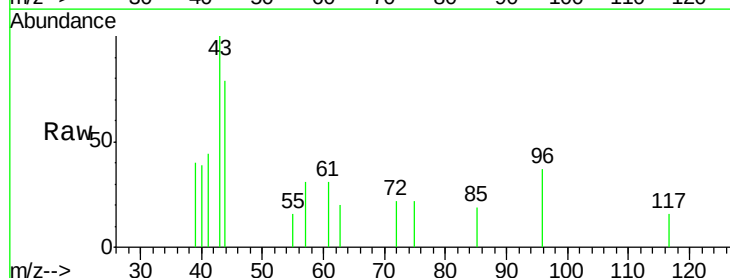
Acq: 10 Nov 2020 17:49

Tgt Ion: 43 Resp: 635

Ion Ratio Lower Upper

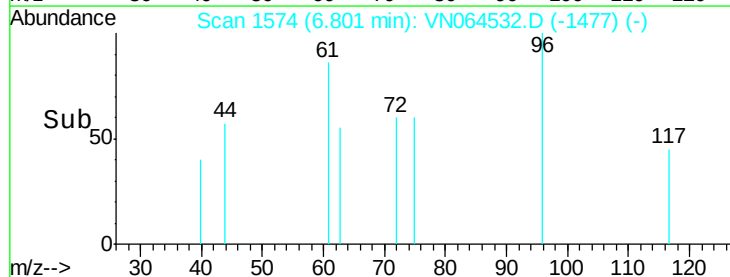
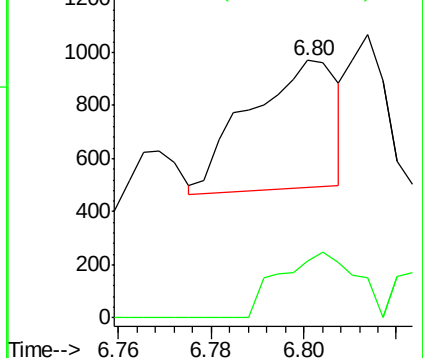
43 100

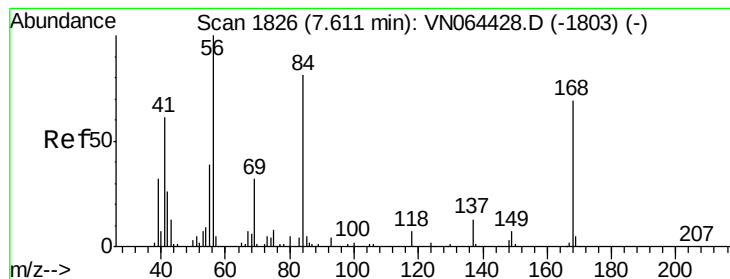
72 44.9 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VN064532.D (-1477) (-)

Ion 72.00 (71.70 to 72.70): VN064532.D (-1477) (-)





#31

Cyclohexane

Concen: 2.613 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106

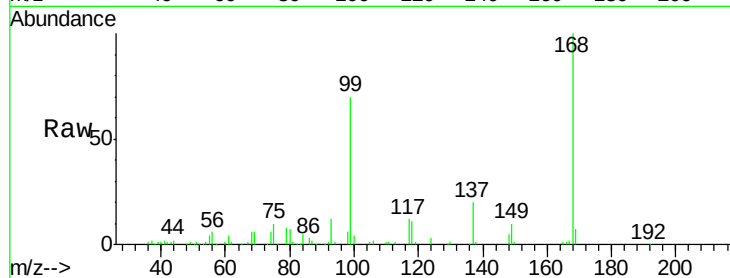
Tot Ion: 56 Resp: 13300

Ion Ratio Lower Upper

56 100

69 95.9 25.6 38.4#

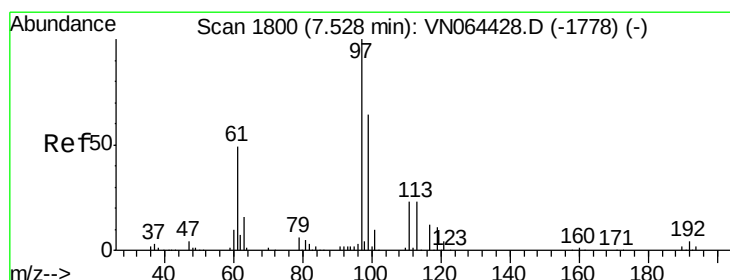
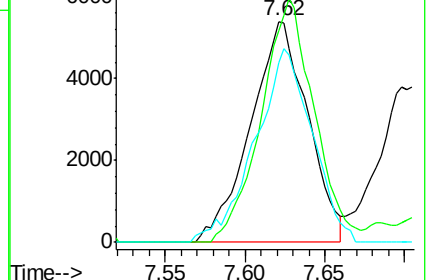
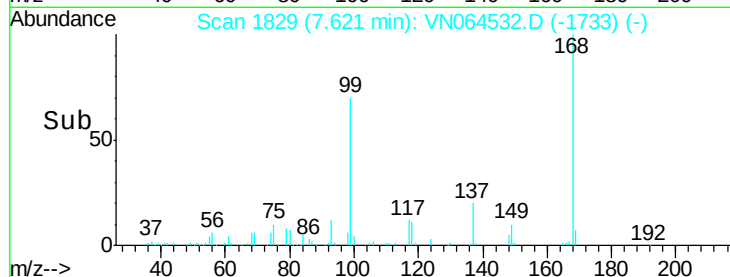
84 81.2 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN064532.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064532.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064532.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 0.660 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

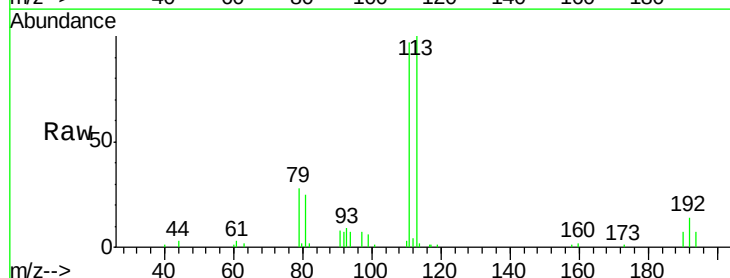
Tgt Ion: 97 Resp: 3610

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

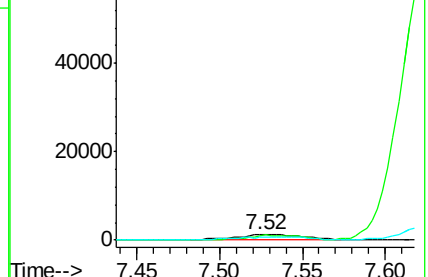
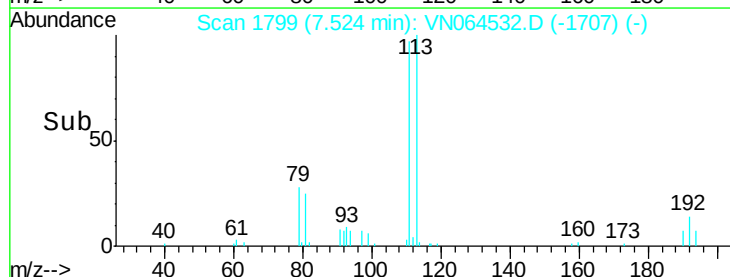
61 19.2 39.1 58.7#

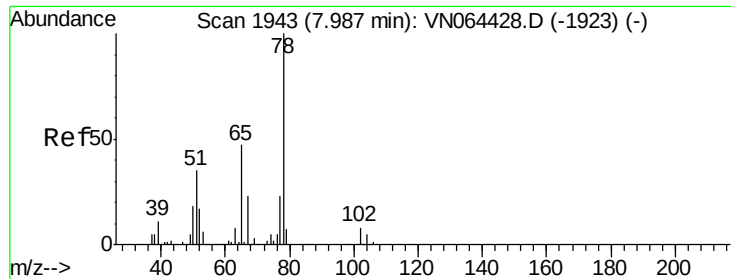


Abundance Ion 96.90 (96.60 to 97.60): VN064532.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064532.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064532.D (-1707) (-)

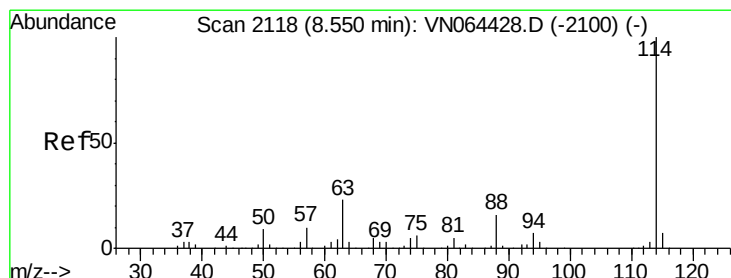
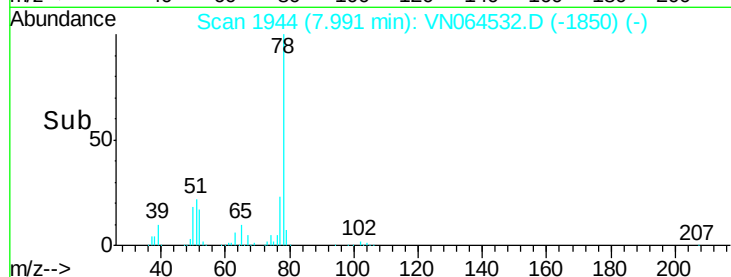
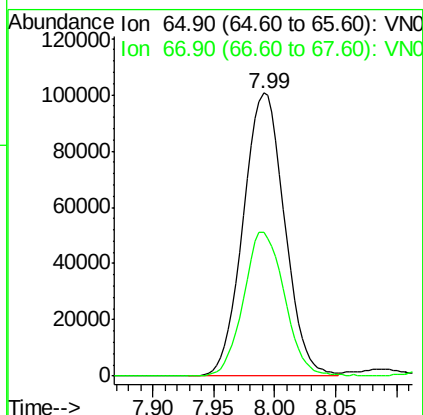
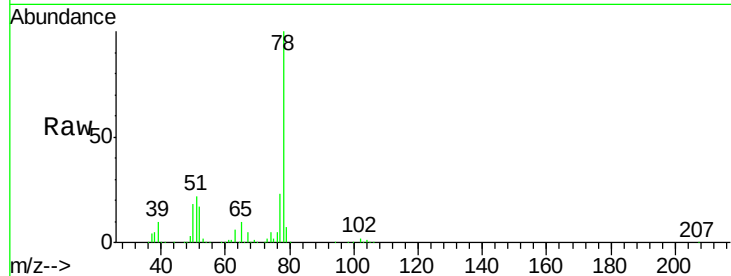




#33
 1,2-Dichloroethane-d4
 Concen: 56.450 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064532.D
 Acq: 10 Nov 2020 17:49

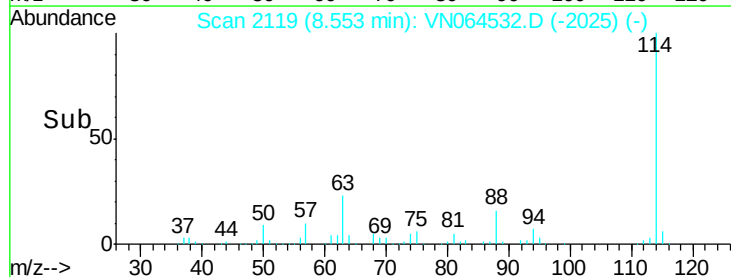
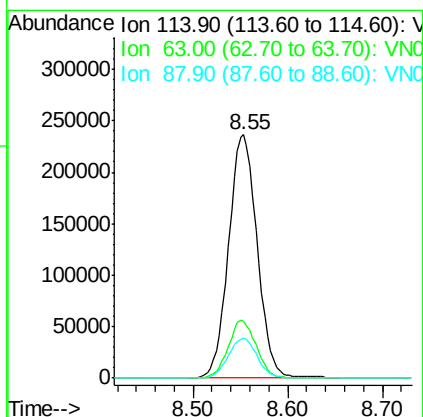
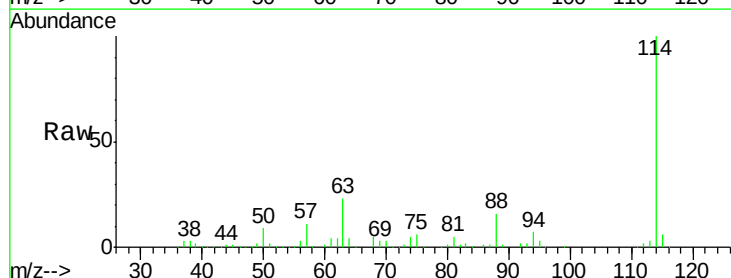
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-DUP-20201106

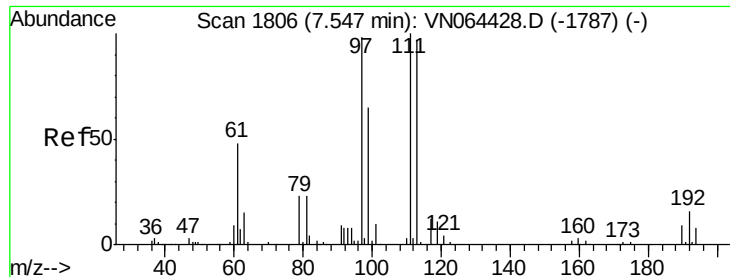
Tot Ion: 65 Resp: 236320
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064532.D
 Acq: 10 Nov 2020 17:49

Tgt Ion: 114 Resp: 495784
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 16.4 0.0 32.8

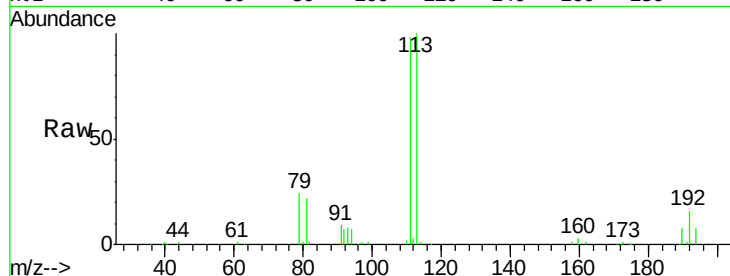




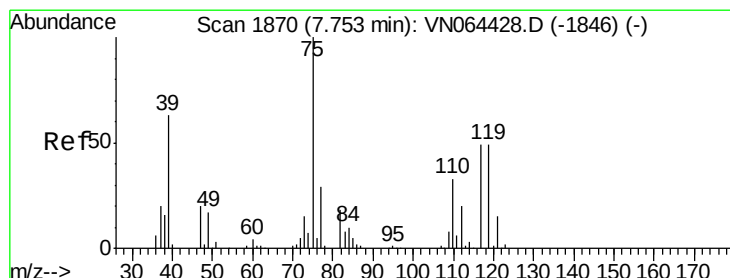
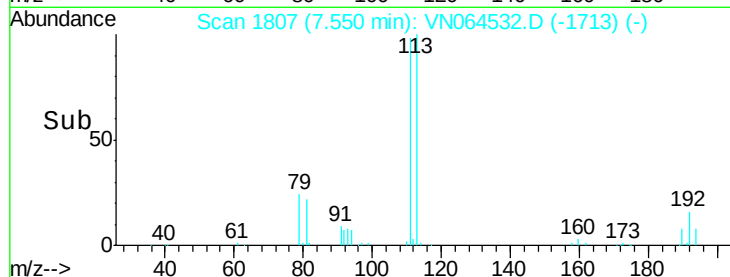
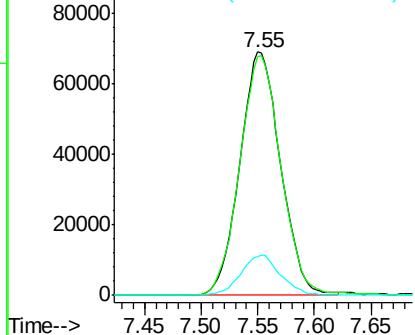
#35
Dibromofluoromethane
Concen: 50.996 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tot Ion:113 Resp: 172143
Ion Ratio Lower Upper
113 100
111 100.0 81.1 121.7
192 16.1 12.8 19.2

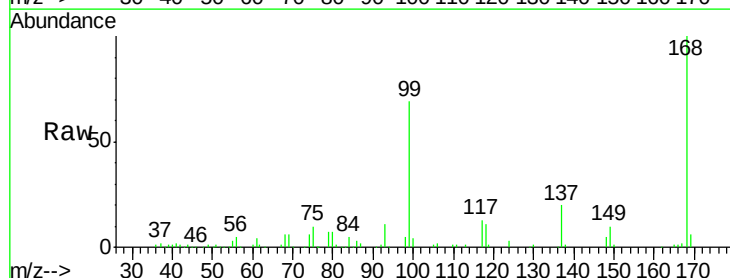


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

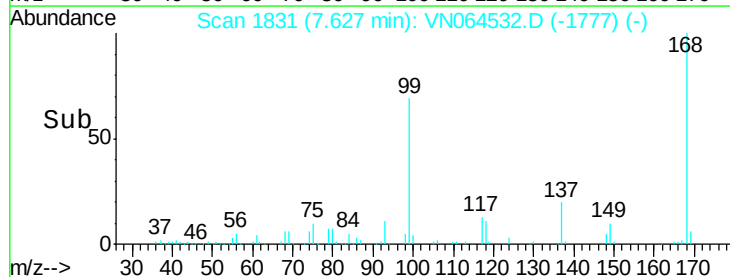
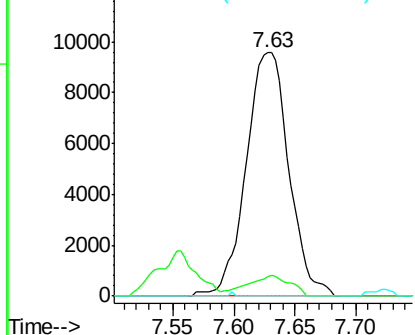


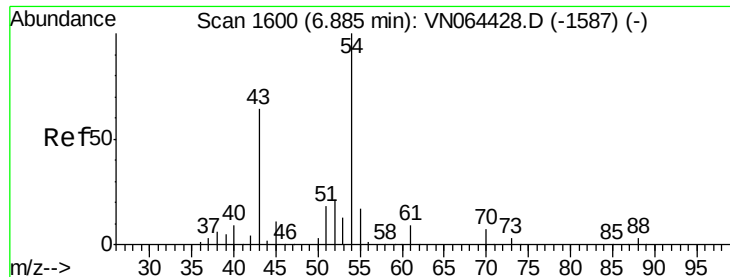
#36
1,1-Dichloropropene
Concen: 4.422 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 75 Resp: 23161
Ion Ratio Lower Upper
75 100
110 8.6 16.0 48.0#
77 0.0 24.0 36.0#



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

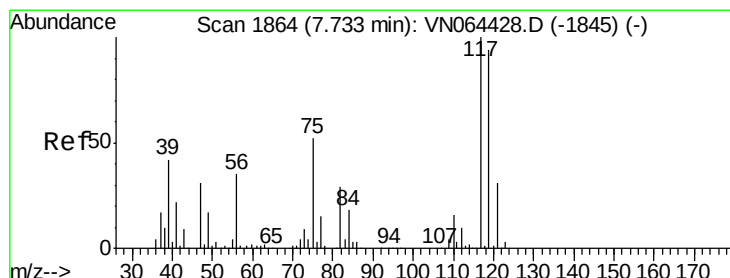
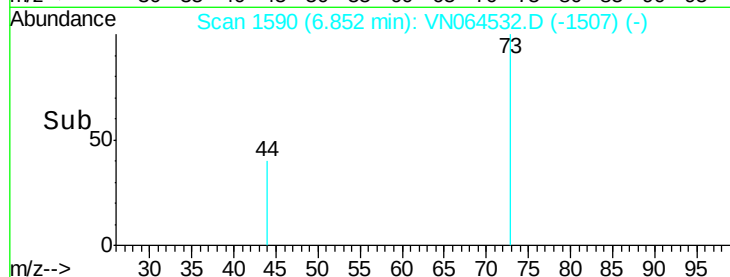
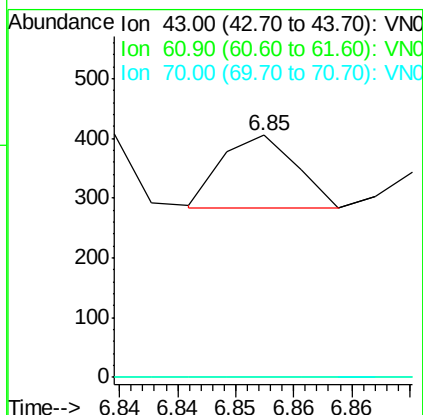
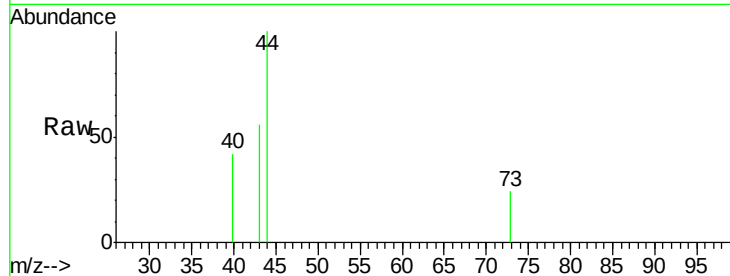




#37
Ethyl Acetate
Concen: 0.773 ug/l
RT: 6.85 min Scan# 1590
Delta R.T. -0.03 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

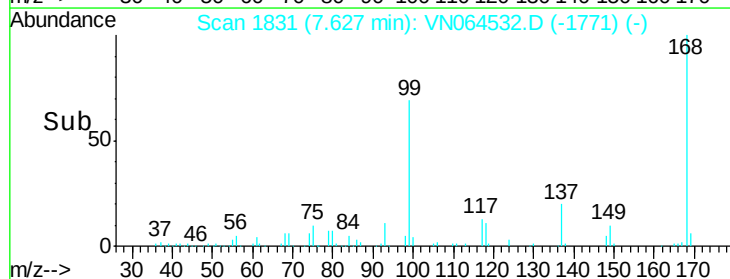
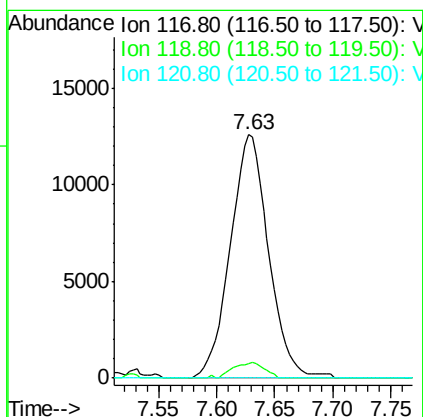
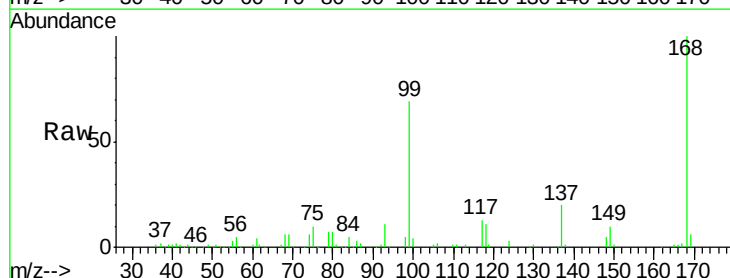
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

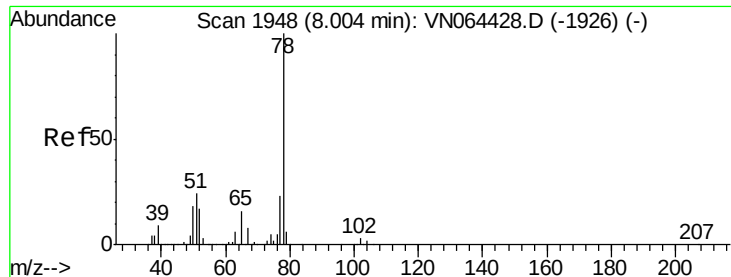
Tot Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
61 0.0 10.0 15.0#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.145 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 117 Resp: 28801
Ion Ratio Lower Upper
117 100
119 6.0 75.5 113.3#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 238.659 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

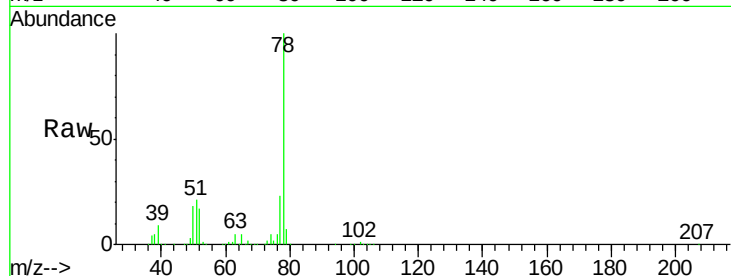
BP-VPB178-DUP-20201106

Tot Ion: 78 Resp: 3673132

Ion Ratio Lower Upper

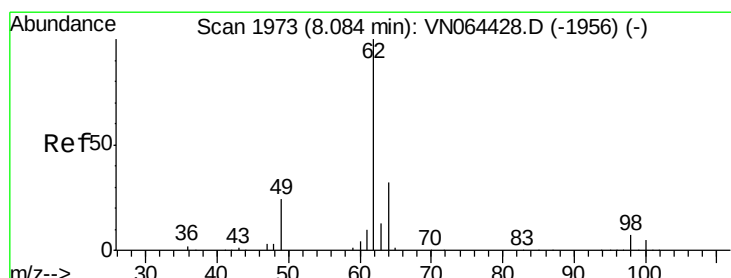
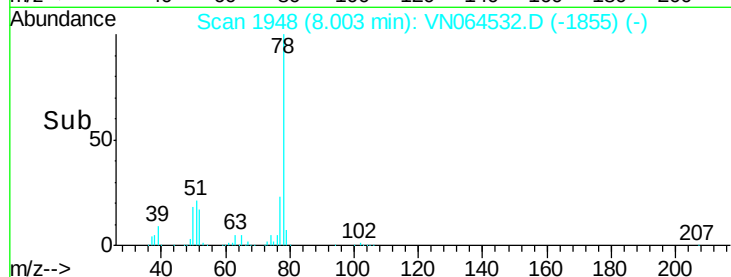
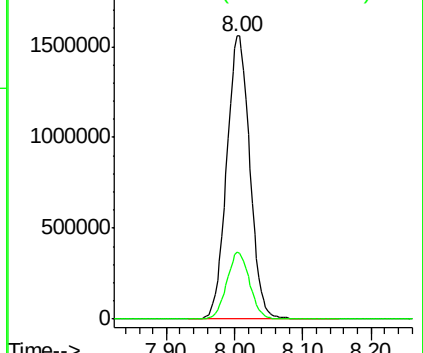
78 100

77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#42

1,2-Dichloroethane

Concen: 19.287 ug/l

RT: 8.09 min Scan# 1975

Delta R.T. 0.01 min

Lab File: VN064532.D

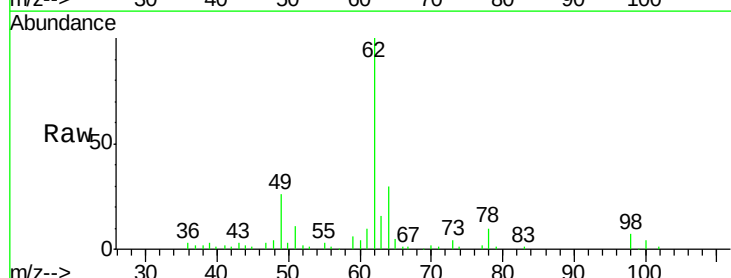
Acq: 10 Nov 2020 17:49

Tgt Ion: 62 Resp: 119793

Ion Ratio Lower Upper

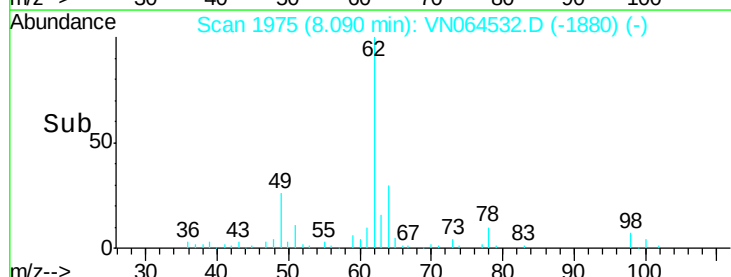
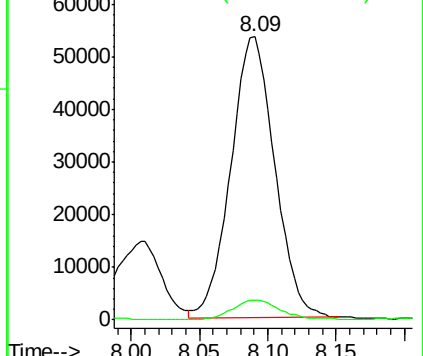
62 100

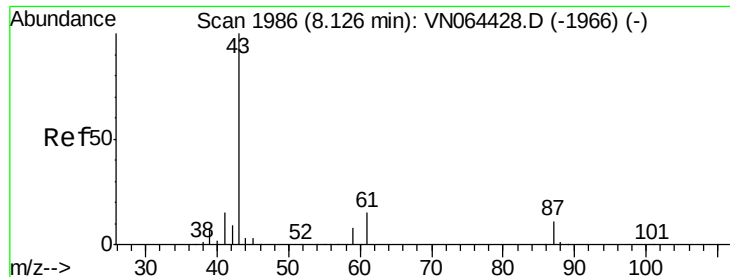
98 7.7 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 0.981 ug/l

RT: 8.11 min Scan# 1980

Delta R.T. -0.02 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106

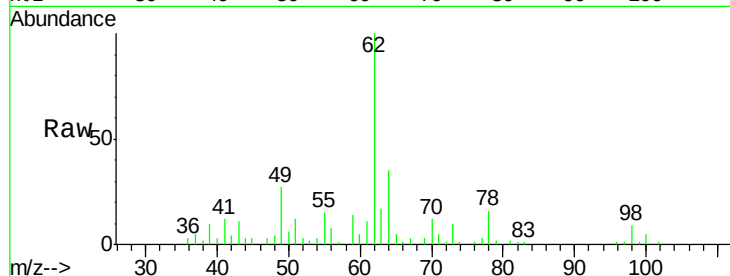
Tot Ion: 43 Resp: 8330

Ion Ratio Lower Upper

43 100

61 153.9 14.0 21.0#

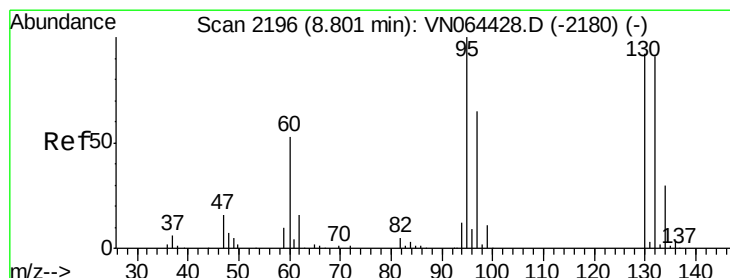
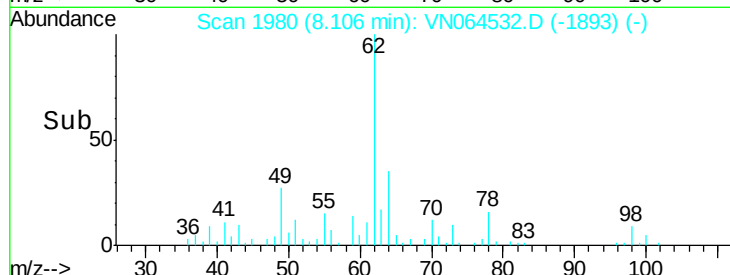
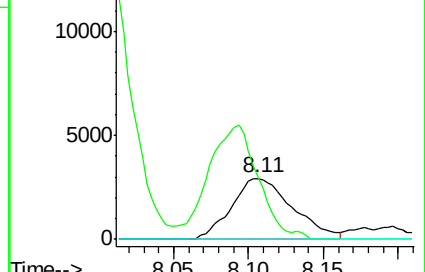
87 0.0 9.1 13.7#



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

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

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



#44

Trichloroethene

Concen: 2.675 ug/l

RT: 8.81 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VN064532.D

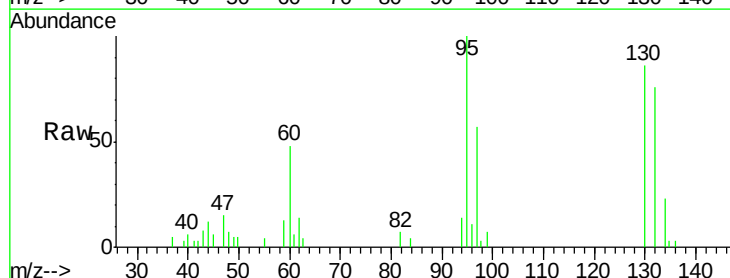
Acq: 10 Nov 2020 17:49

Tgt Ion:130 Resp: 10386

Ion Ratio Lower Upper

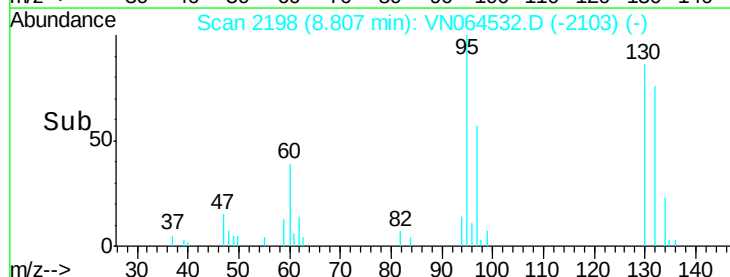
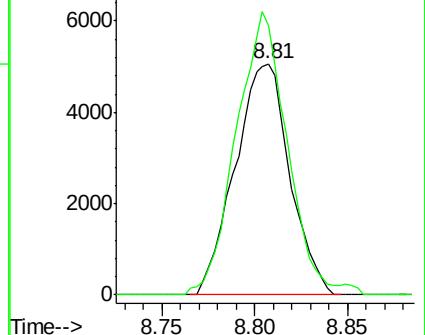
130 100

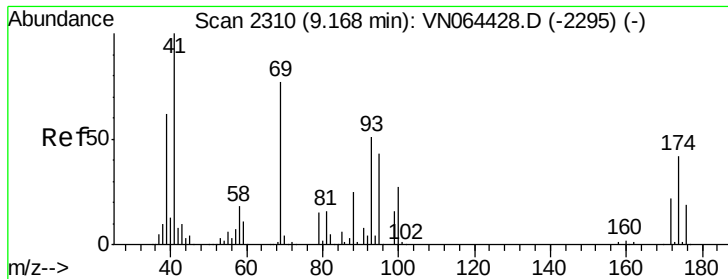
95 113.4 0.0 216.8



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

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





#49

1,4-Dioxane

Concen: 20.864 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106

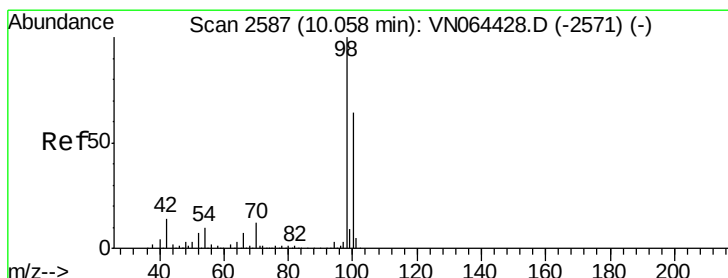
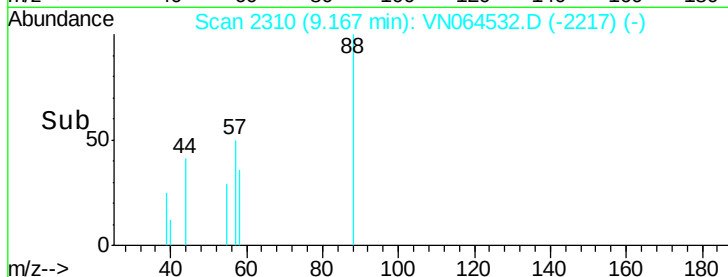
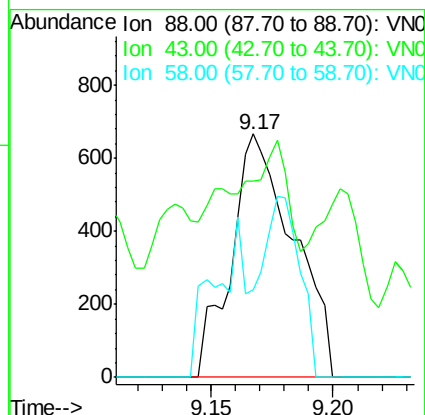
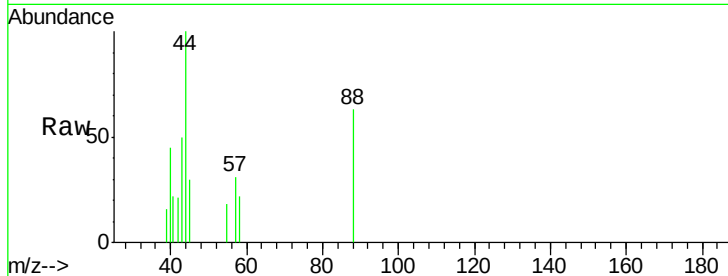
Tot Ion: 88 Resp: 1177

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.6#

58 14.9 58.4 87.6#



#50

Toluene-d8

Concen: 48.361 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064532.D

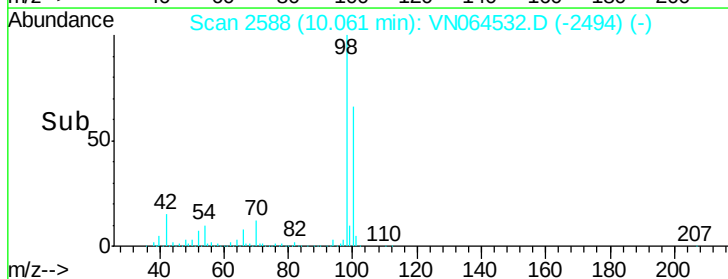
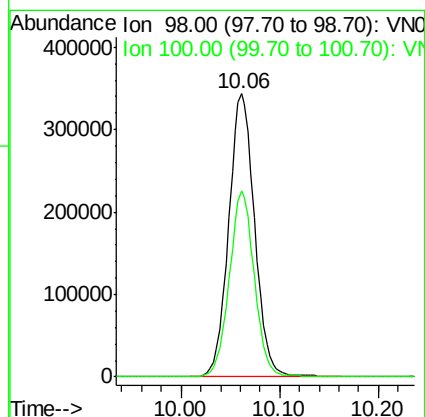
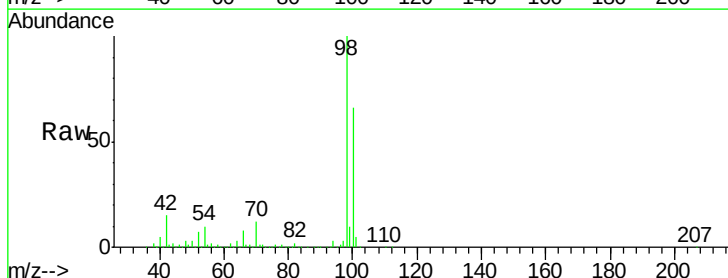
Acq: 10 Nov 2020 17:49

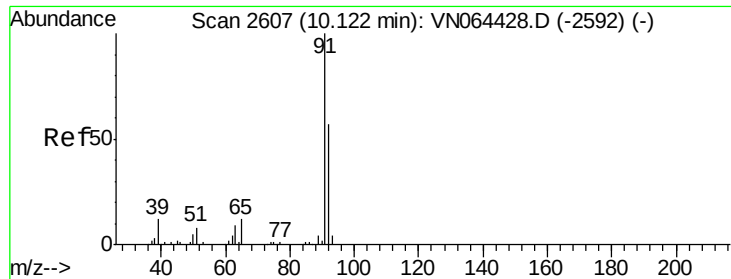
Tgt Ion: 98 Resp: 630957

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1





#52

Toluene

Concen: 0.232 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

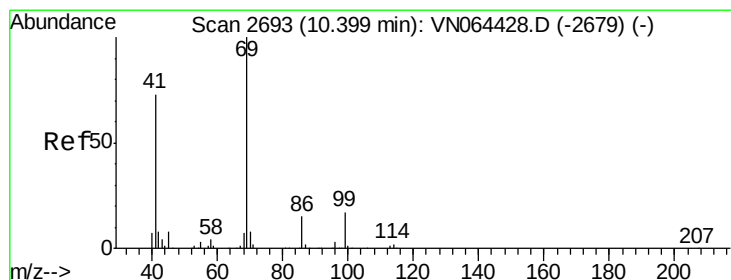
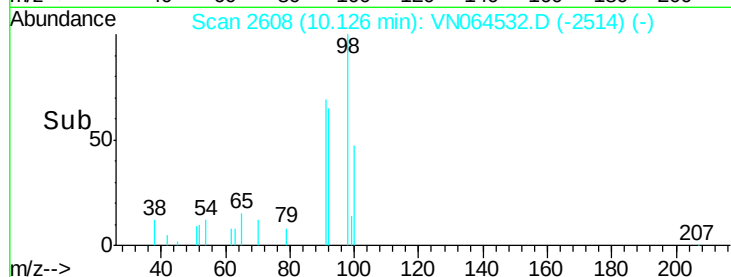
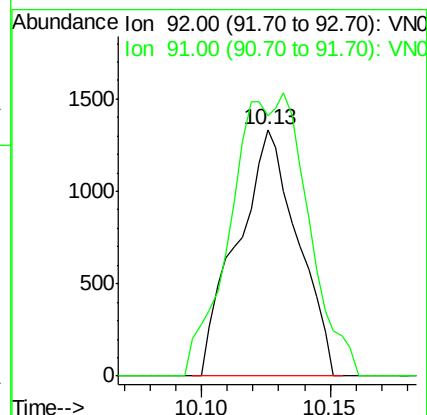
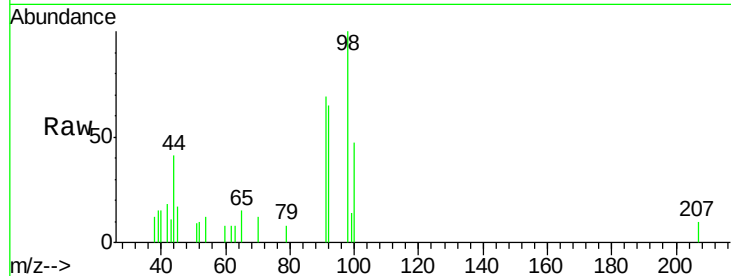
BP-VPB178-DUP-20201106

Tot Ion: 92 Resp: 2174

Ion Ratio Lower Upper

92 100

91 76.0 139.6 209.4#



#56

Ethyl methacrylate

Concen: 1.878 ug/l

RT: 10.41 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

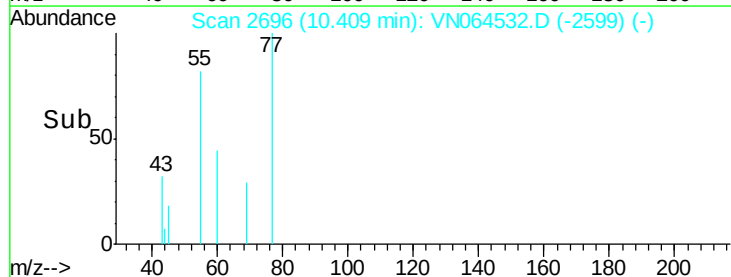
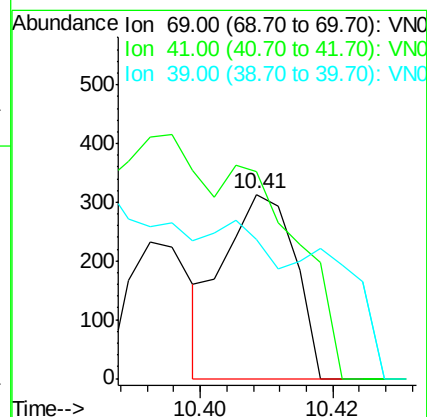
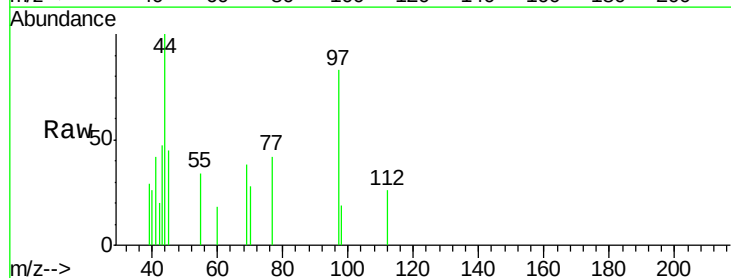
Tgt Ion: 69 Resp: 232

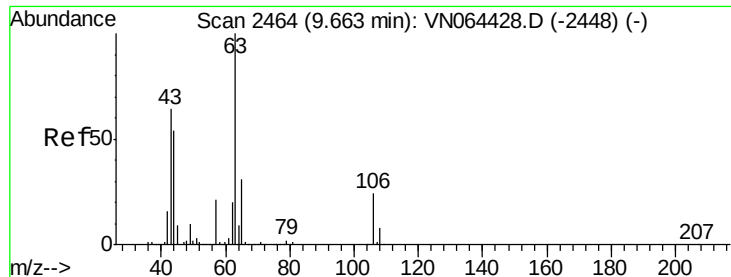
Ion Ratio Lower Upper

69 100

41 0.0 59.3 88.9#

39 0.0 35.4 53.0#





#58

2-Chloroethyl Vinyl ether

Concen: 21.557 ug/l

RT: 9.69 min Scan# 2474

Delta R.T. 0.03 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

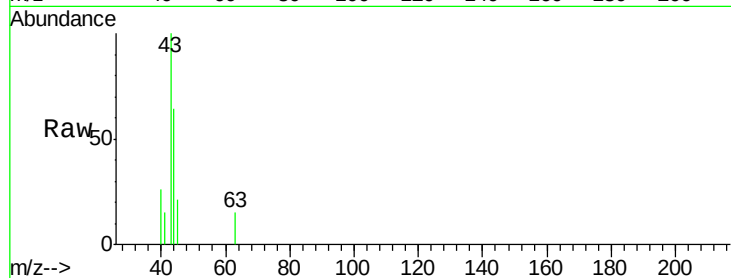
BP-VPB178-DUP-20201106

Tot Ion: 63 Resp: 61

Ion Ratio Lower Upper

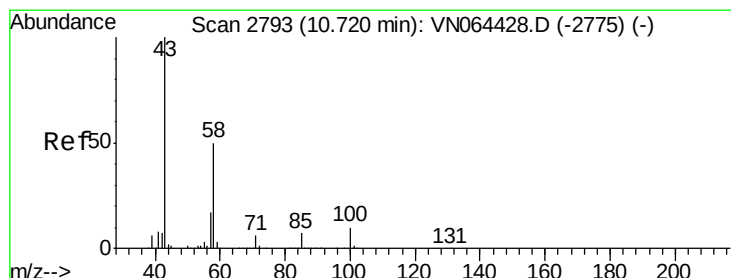
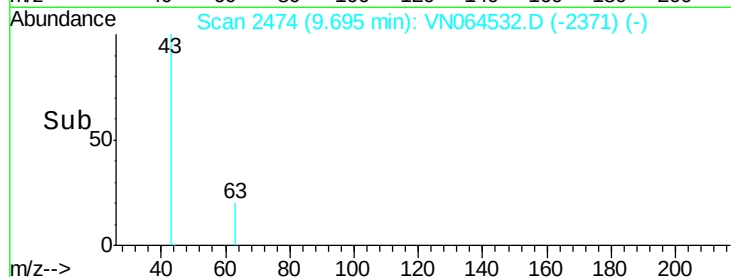
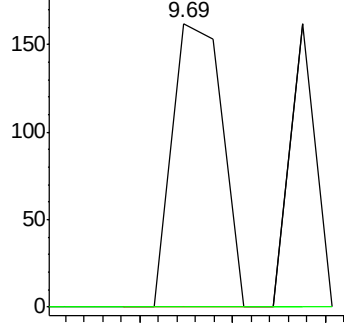
63 100

106 0.0 19.5 29.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 4.122 ug/l

RT: 10.86 min Scan# 2836

Delta R.T. 0.14 min

Lab File: VN064532.D

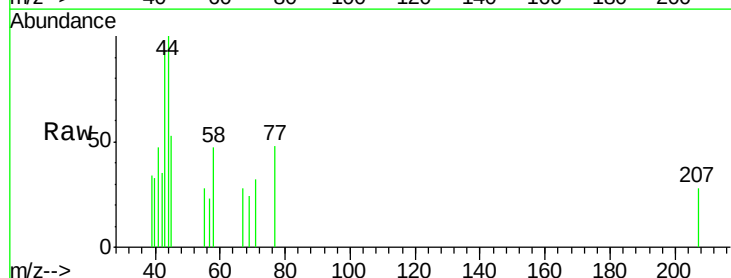
Acq: 10 Nov 2020 17:49

Tgt Ion: 43 Resp: 384

Ion Ratio Lower Upper

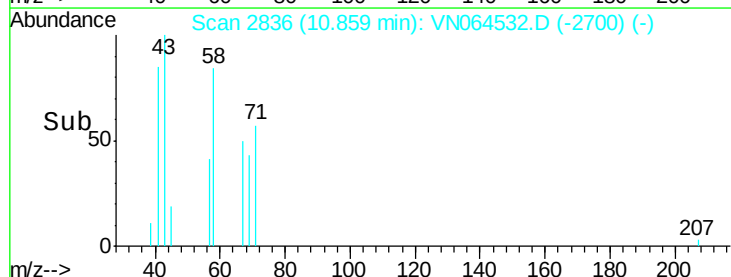
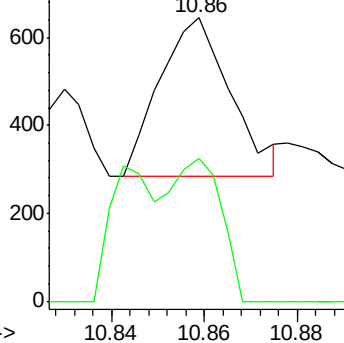
43 100

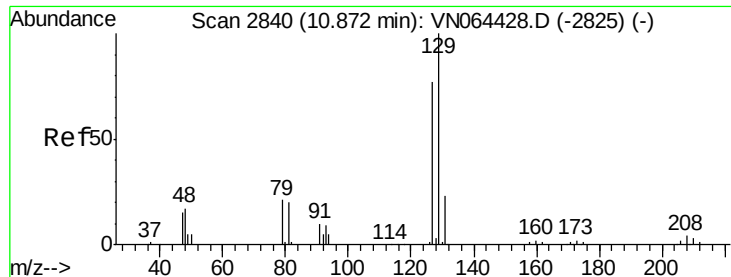
58 53.4 24.7 74.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

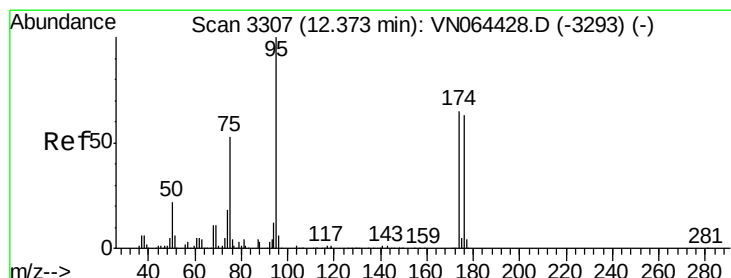
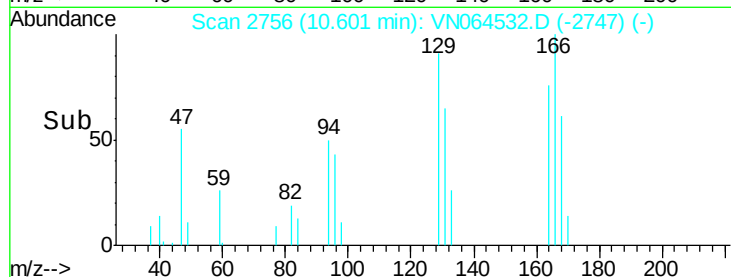
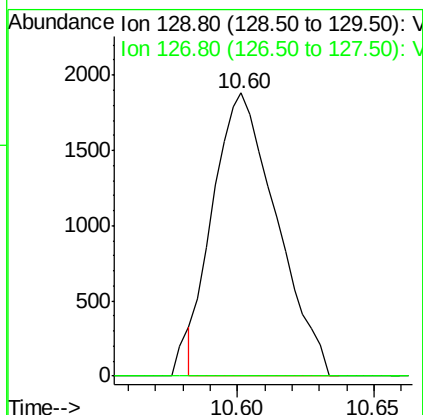
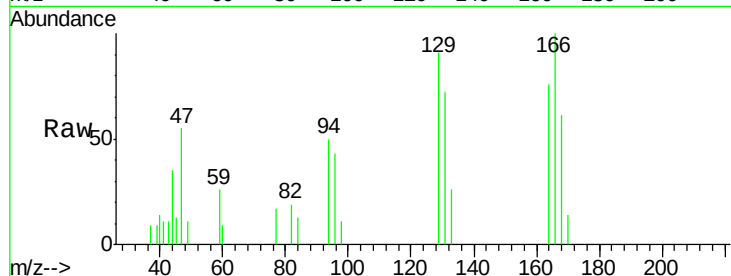




#60
Dibromochloromethane
Concen: 0.742 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

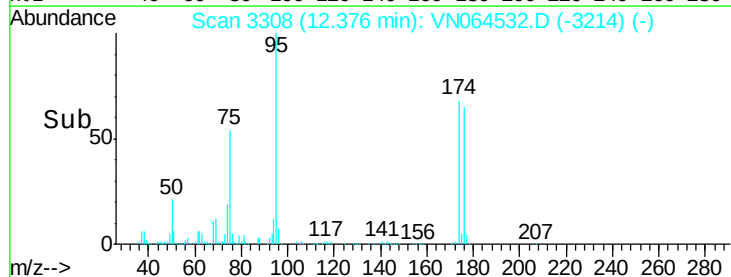
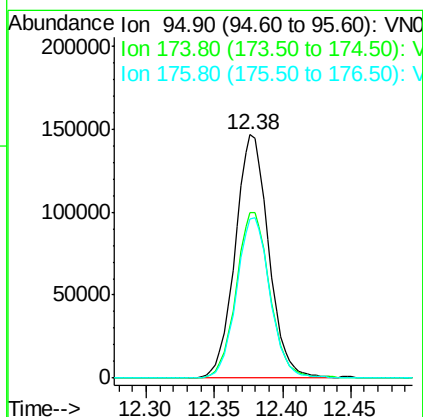
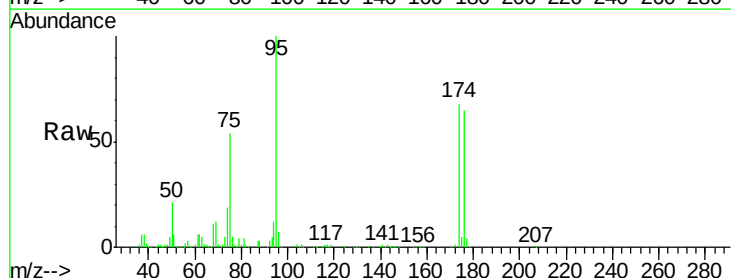
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

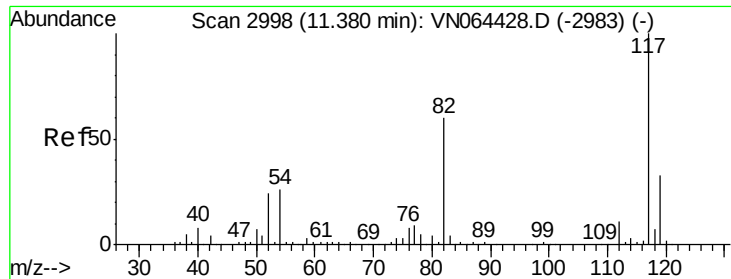
Tot Ion:129 Resp: 3041
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#



#62
4-Bromofluorobenzene
Concen: 50.616 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 95 Resp: 249744
Ion Ratio Lower Upper
95 100
174 68.4 0.0 132.6
176 65.8 0.0 129.2

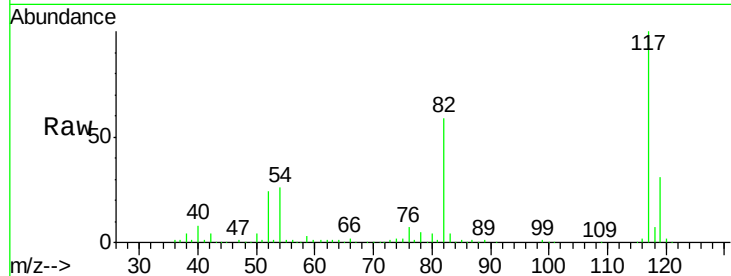




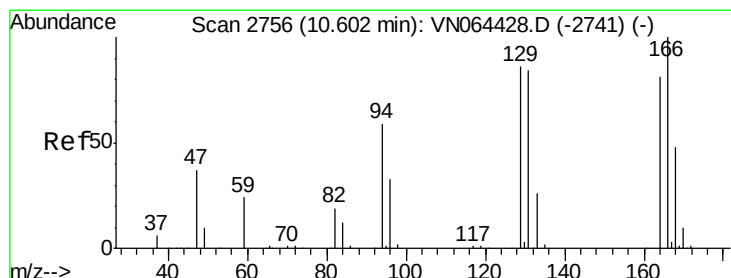
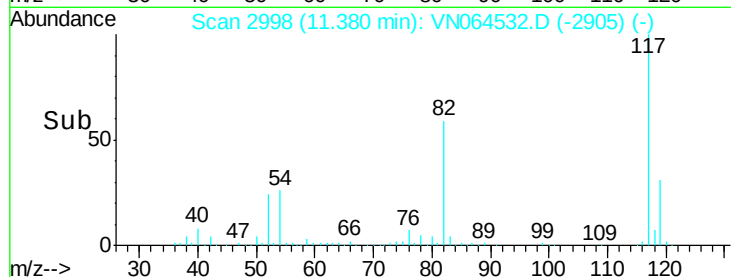
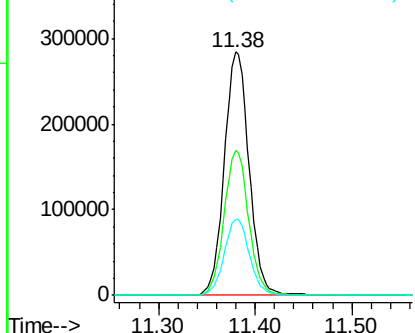
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tot Ion:117 Resp: 504782
Ion Ratio Lower Upper
117 100
82 59.3 48.1 72.1
119 31.4 26.2 39.4

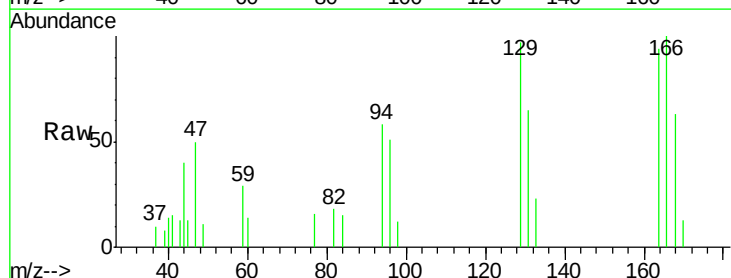


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

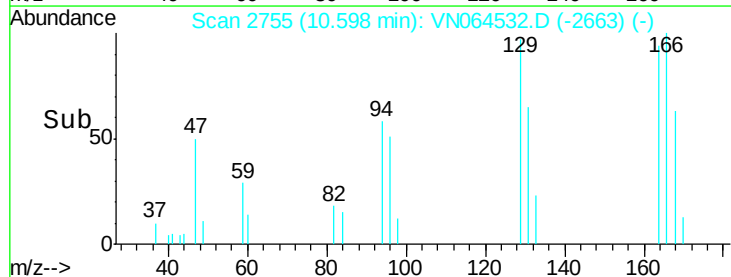
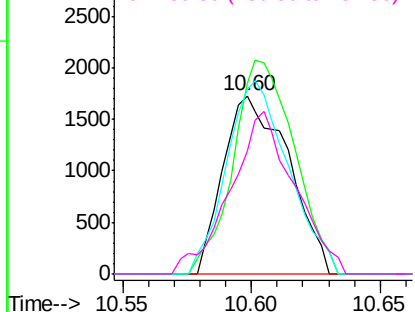


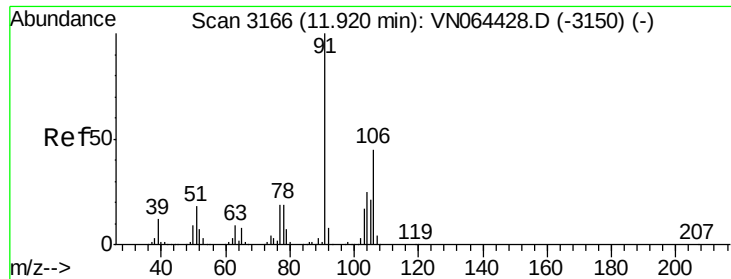
#64
Tetrachloroethene
Concen: 0.783 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion:164 Resp: 3046
Ion Ratio Lower Upper
164 100
166 106.9 98.2 147.2
129 103.6 84.6 127.0
131 59.9 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

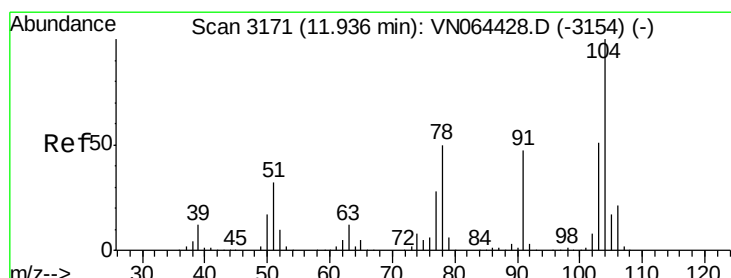
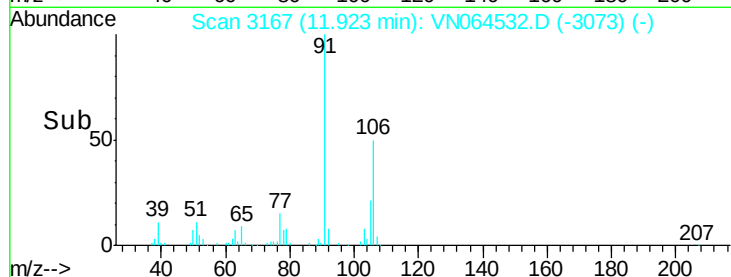
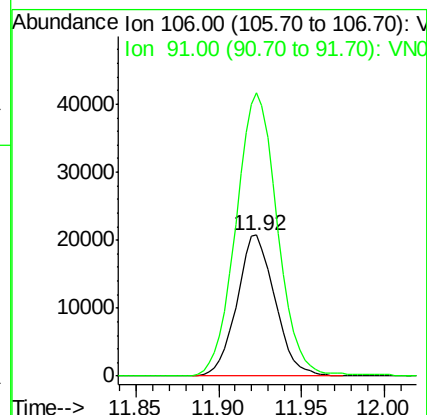
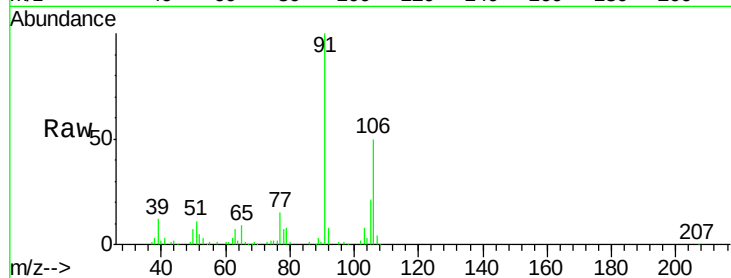




#69
o-Xylene
Concen: 4.810 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

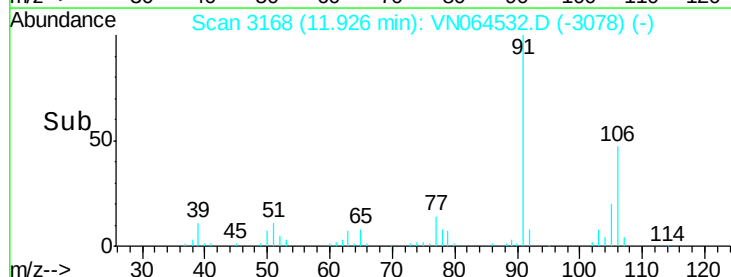
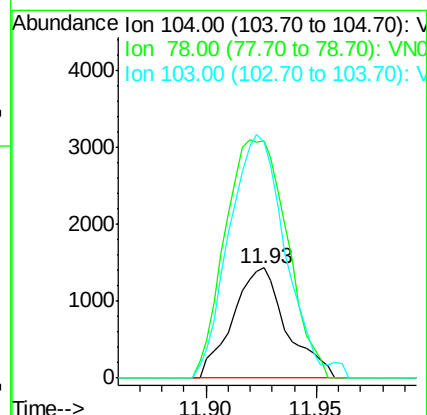
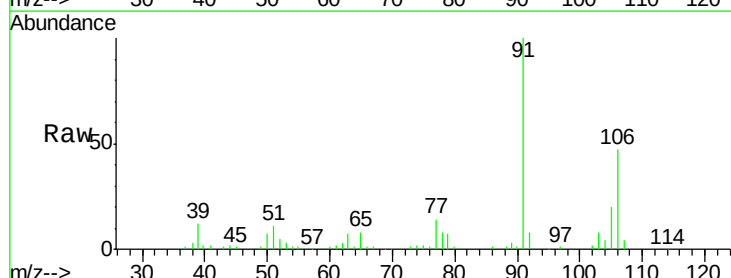
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

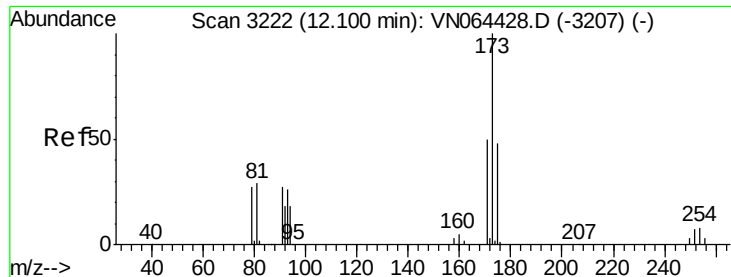
Tot Ion:106 Resp: 33181
Ion Ratio Lower Upper
106 100
91 217.6 111.7 334.9



#70
Styrene
Concen: 0.209 ug/l
RT: 11.93 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion:104 Resp: 2424
Ion Ratio Lower Upper
104 100
78 248.9 44.0 66.0#
103 232.4 43.8 65.6#





#71

Bromoform

Concen: 1.545 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.28 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106

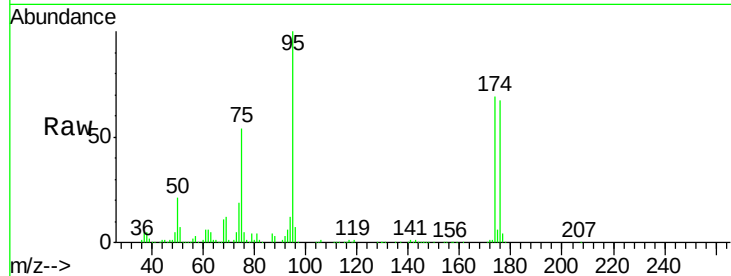
Tot Ion:173 Resp: 859

Ion Ratio Lower Upper

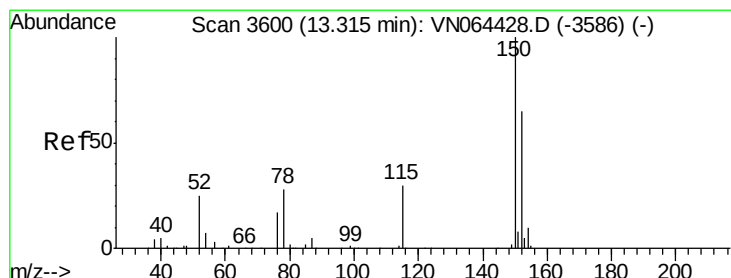
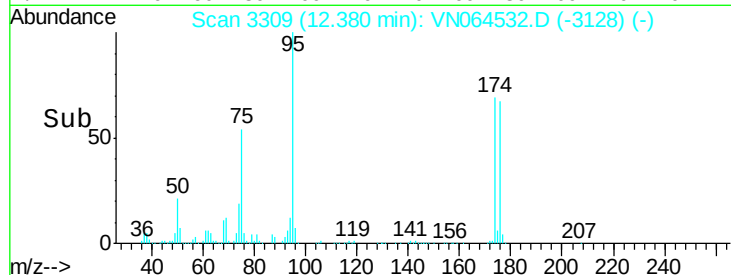
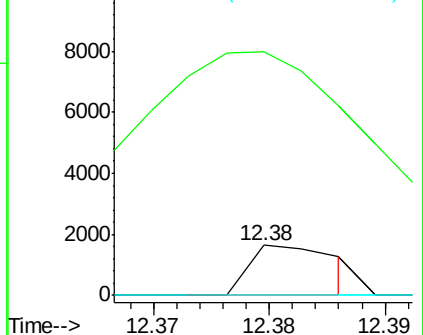
173 100

175 1225.6 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: VN064532.D

Acq: 10 Nov 2020 17:49

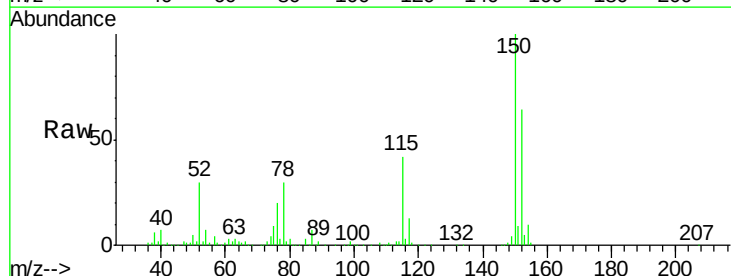
Tgt Ion:152 Resp: 187633

Ion Ratio Lower Upper

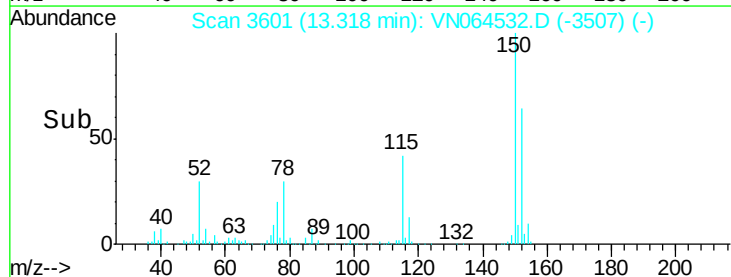
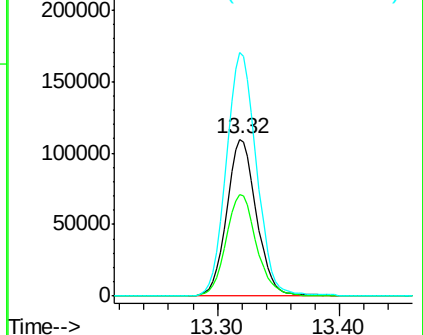
152 100

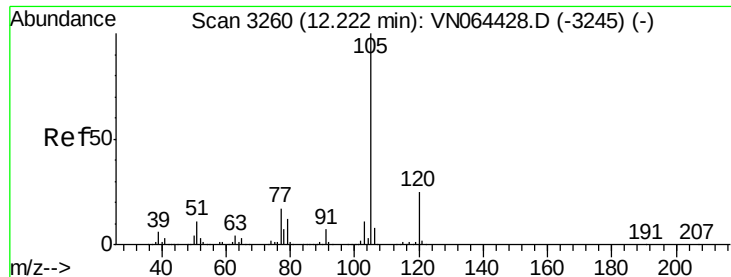
115 66.3 32.0 96.0

150 157.4 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: 5.814 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

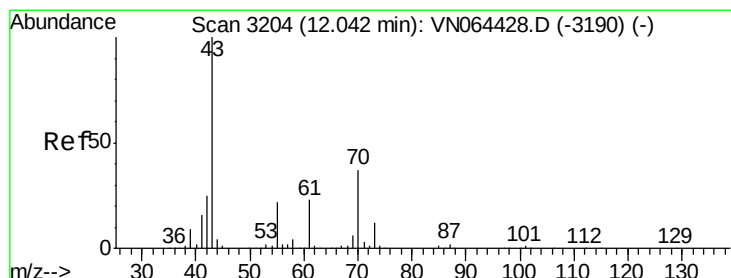
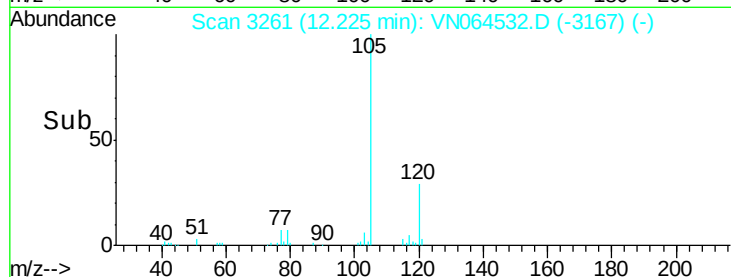
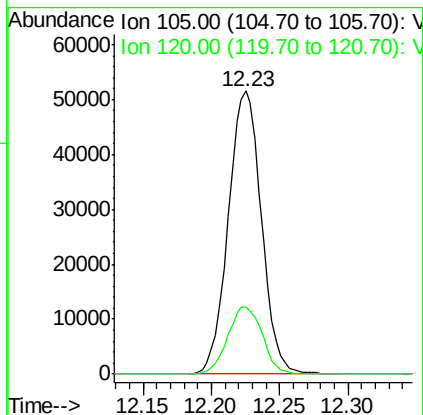
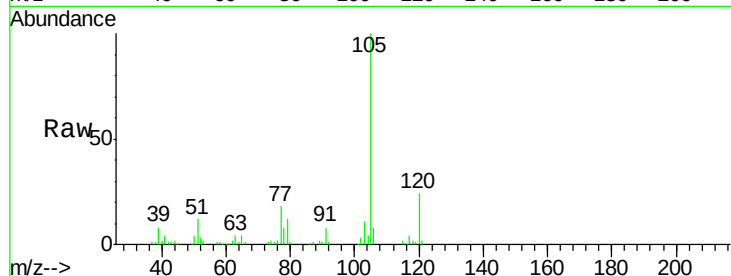
BP-VPB178-DUP-20201106

Tot Ion:105 Resp: 86710

Ion Ratio Lower Upper

105 100

120 24.7 12.8 38.3



#74

N-ethyl acetate

Concen: 1.265 ug/l

RT: 12.06 min Scan# 3211

Delta R.T. 0.02 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Tgt Ion: 43 Resp: 376

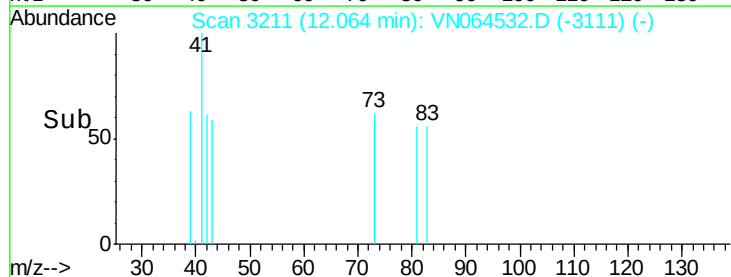
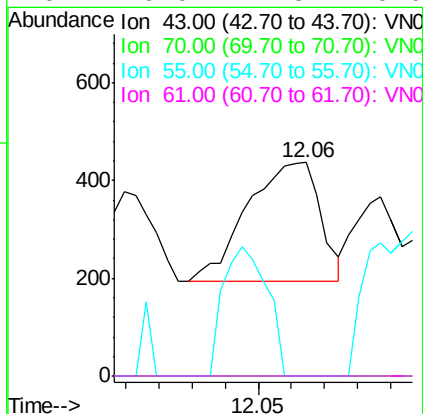
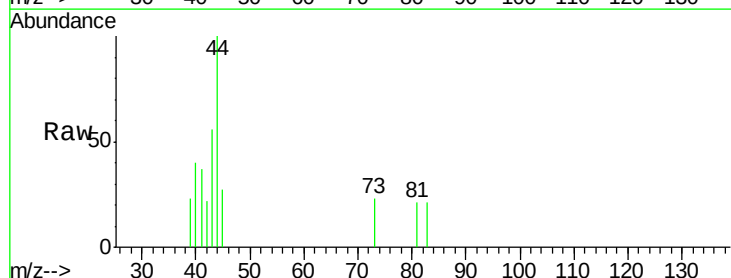
Ion Ratio Lower Upper

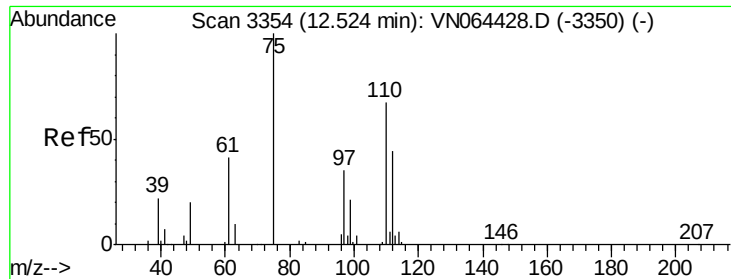
43 100

70 0.0 29.6 44.4#

55 64.6 18.4 27.6#

61 0.0 17.8 26.6#





#76

1,2,3-Trichloropropane

Concen: 29.864 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

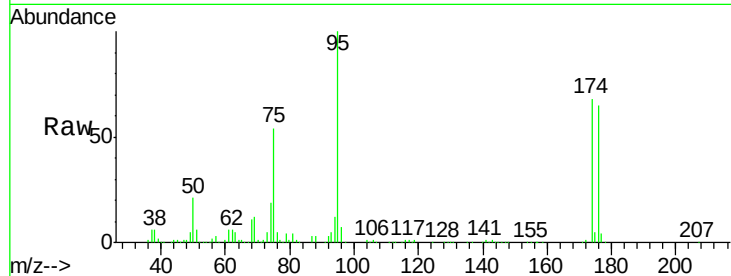
BP-VPB178-DUP-20201106

Tot Ion: 75 Resp: 135767

Ion Ratio Lower Upper

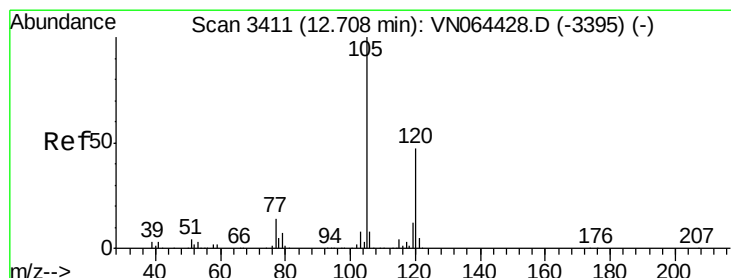
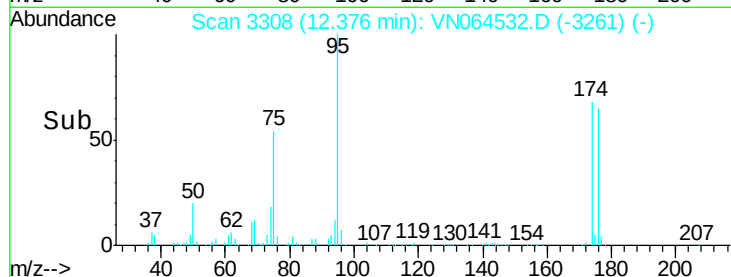
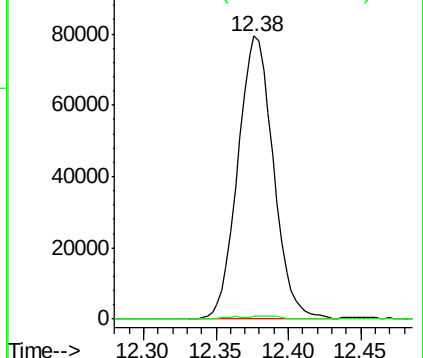
75 100

77 0.9 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: 5.381 ug/l

RT: 12.87 min Scan# 3461

Delta R.T. 0.16 min

Lab File: VN064532.D

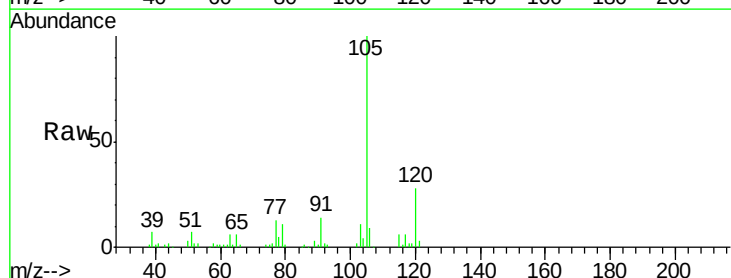
Acq: 10 Nov 2020 17:49

Tgt Ion: 105 Resp: 66209

Ion Ratio Lower Upper

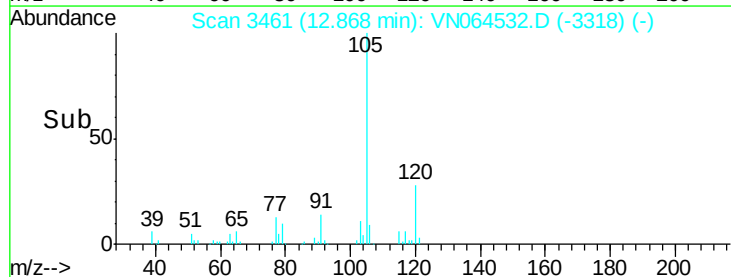
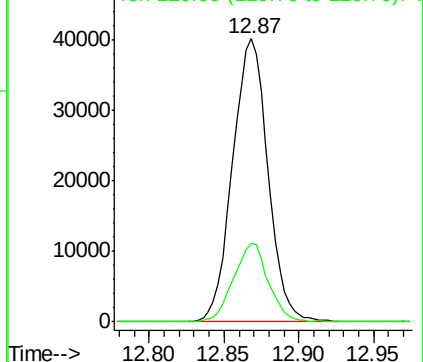
105 100

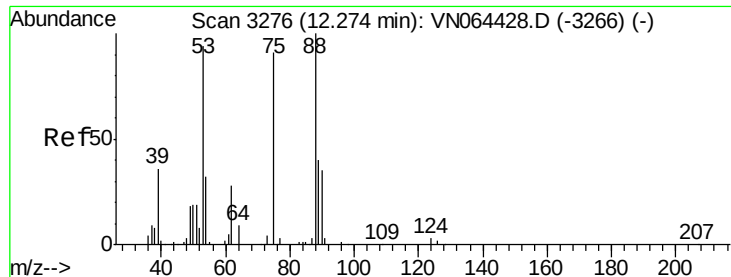
120 27.3 23.4 70.2



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: 83.383 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106

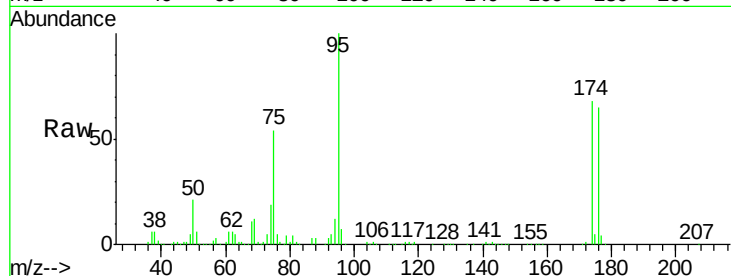
Tot Ion: 75 Resp: 135767

Ion Ratio Lower Upper

75 100

53 0.3 84.0 126.0#

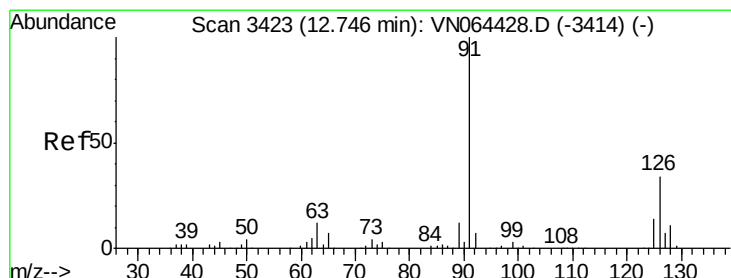
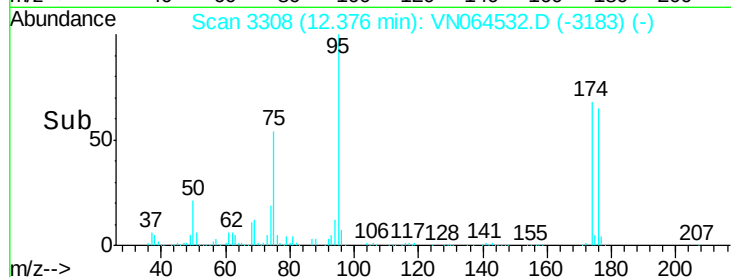
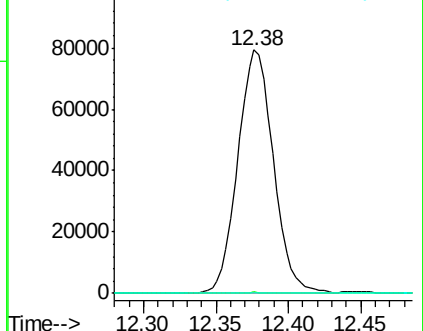
89 0.0 36.3 54.5#



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

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

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



#82

4-Chlorotoluene

Concen: 0.835 ug/l

RT: 12.87 min Scan# 3461

Delta R.T. 0.12 min

Lab File: VN064532.D

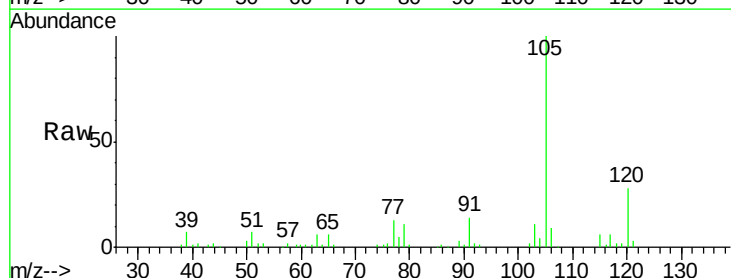
Acq: 10 Nov 2020 17:49

Tgt Ion: 91 Resp: 9431

Ion Ratio Lower Upper

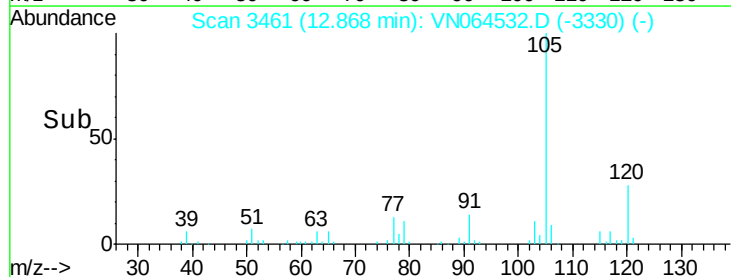
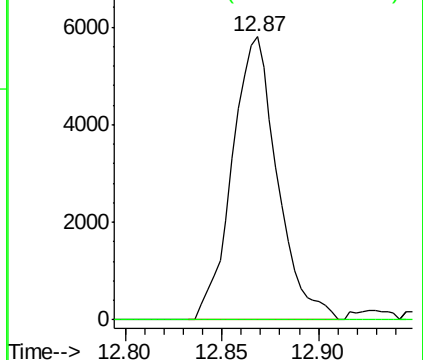
91 100

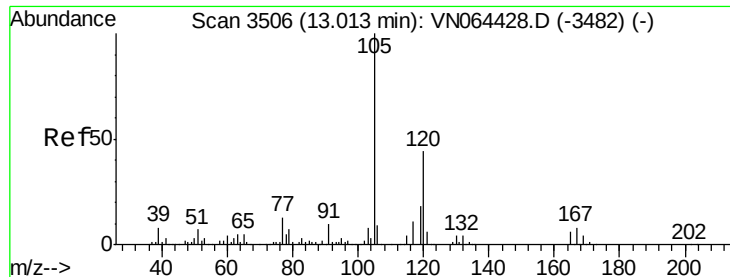
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3414) (-)

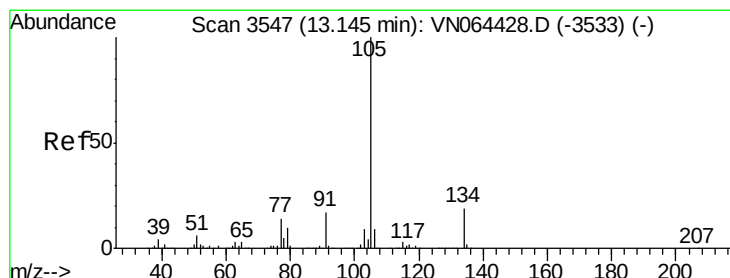
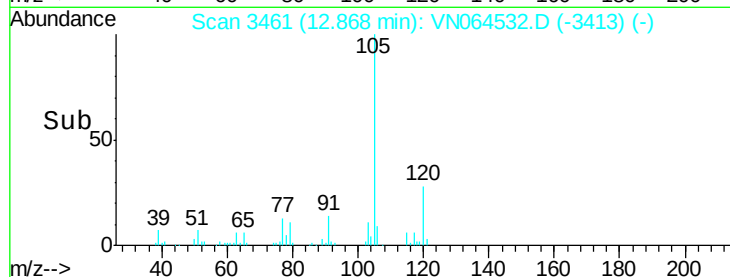
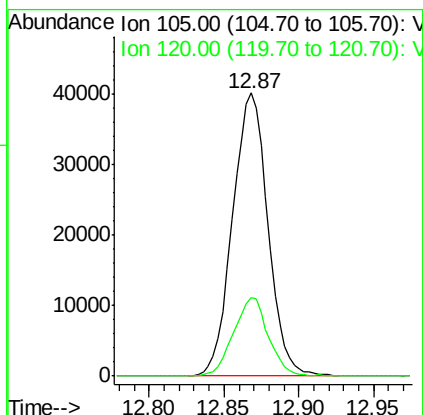
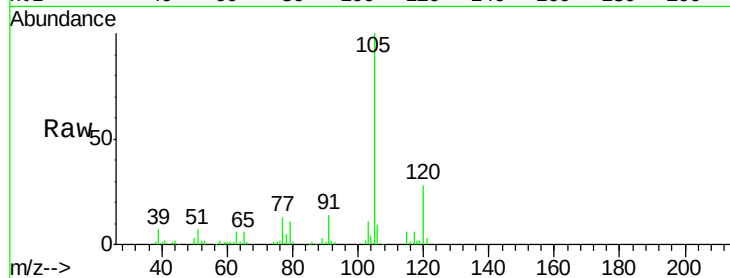




#84
 1,2,4-Trimethylbenzene
 Concen: 5.353 ug/l
 RT: 12.87 min Scan# 3461
 Delta R.T. -0.14 min
 Lab File: VN064532.D
 Acq: 10 Nov 2020 17:49

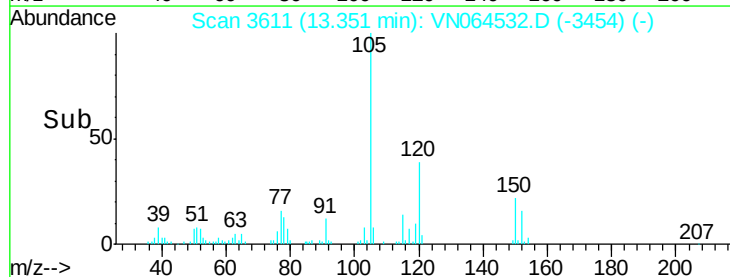
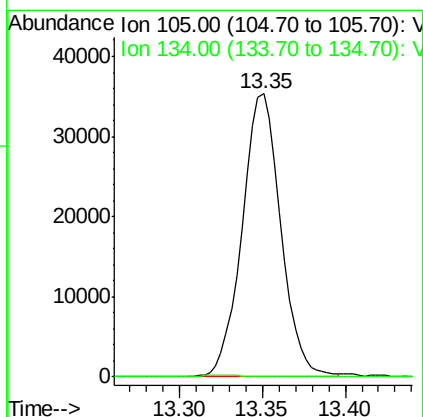
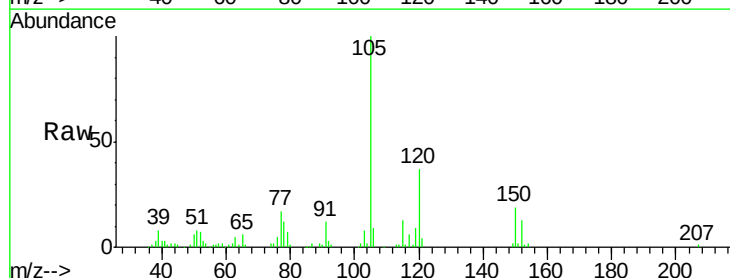
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-DUP-20201106

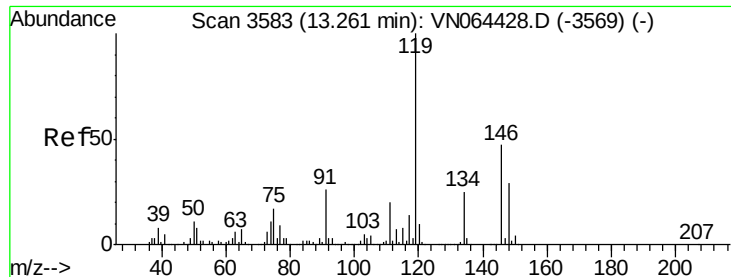
Tot Ion:105 Resp: 66209
 Ion Ratio Lower Upper
 105 100
 120 27.3 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 4.701 ug/l
 RT: 13.35 min Scan# 3611
 Delta R.T. 0.21 min
 Lab File: VN064532.D
 Acq: 10 Nov 2020 17:49

Tgt Ion:105 Resp: 57209
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#

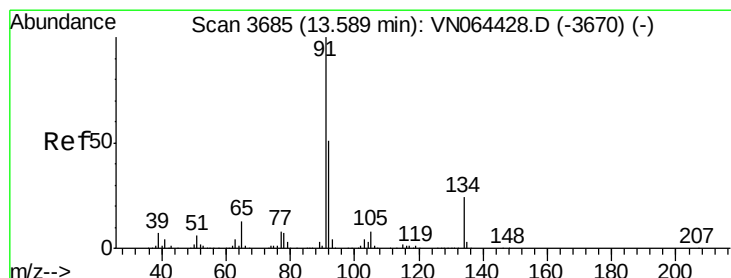
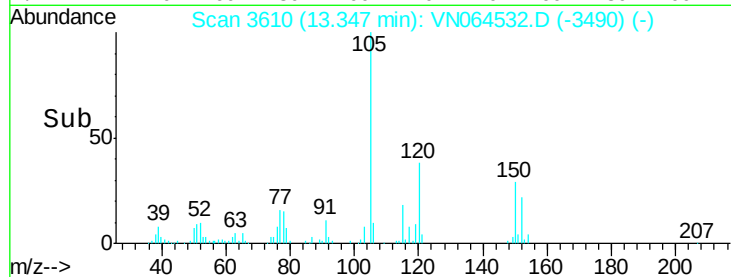
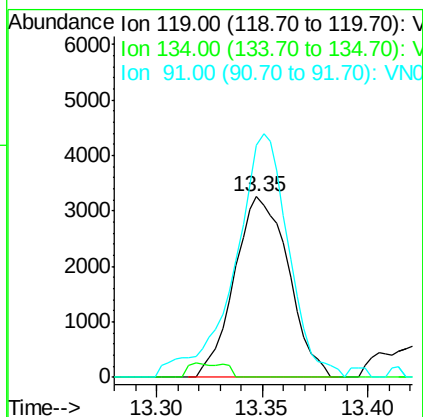
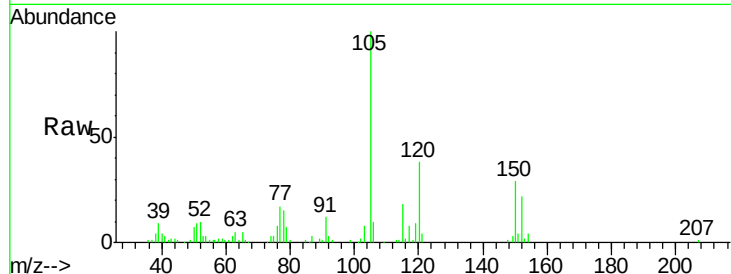




#86
 p-Isopropyltoluene
 Concen: 0.529 ug/l
 RT: 13.35 min Scan# 3610
 Delta R.T. 0.09 min
 Lab File: VN064532.D
 Acq: 10 Nov 2020 17:49

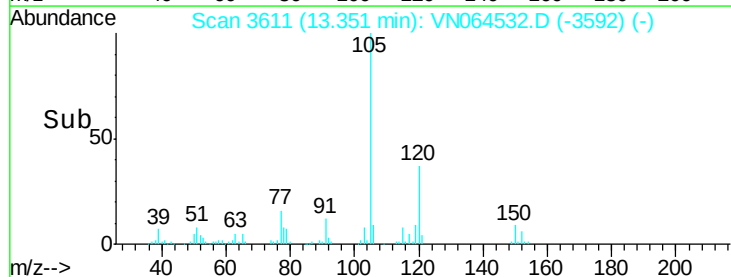
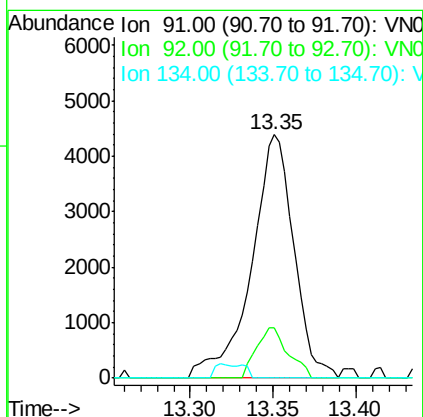
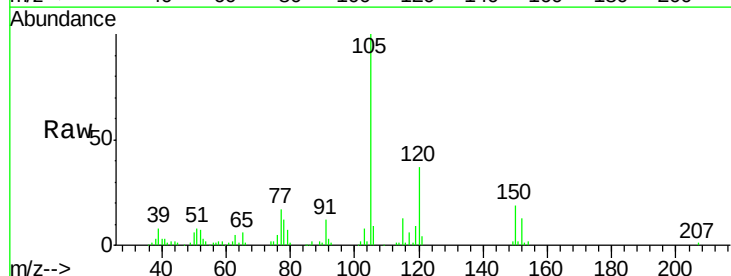
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-DUP-20201106

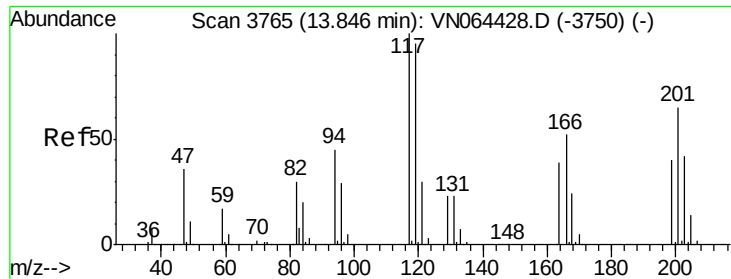
Tot Ion: 119 Resp: 5788
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.6 37.6#
 91 134.3 12.8 38.3#



#89
 n-Butylbenzene
 Concen: 0.826 ug/l
 RT: 13.35 min Scan# 3611
 Delta R.T. -0.24 min
 Lab File: VN064532.D
 Acq: 10 Nov 2020 17:49

Tgt Ion: 91 Resp: 7776
 Ion Ratio Lower Upper
 91 100
 92 15.4 25.3 75.9#
 134 0.0 11.8 35.4#





#90

Hexachloroethane

Concen: 5.069 ug/l

RT: 13.97 min Scan# 3805

Delta R.T. 0.13 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

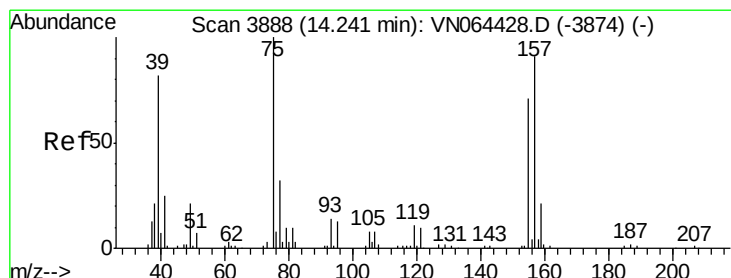
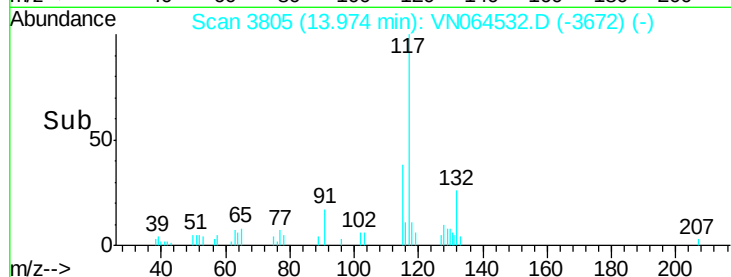
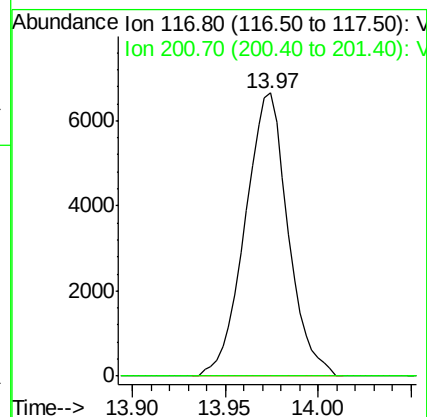
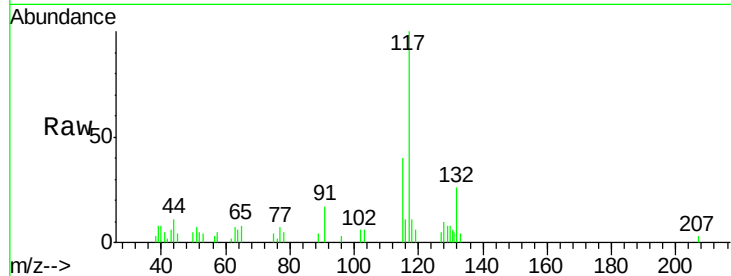
BP-VPB178-DUP-20201106

Tot Ion:117 Resp: 10704

Ion Ratio Lower Upper

117 100

201 0.0 32.5 97.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.302 ug/l

RT: 13.97 min Scan# 3804

Delta R.T. -0.27 min

Lab File: VN064532.D

Acq: 10 Nov 2020 17:49

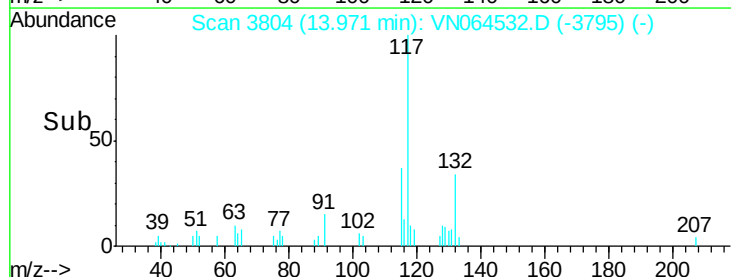
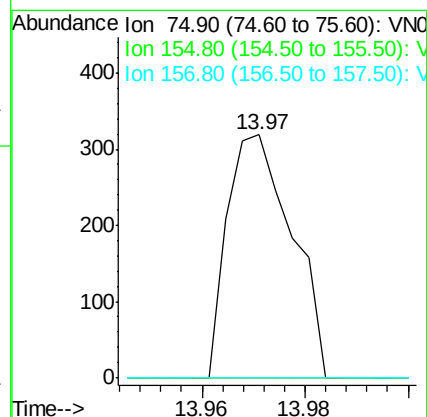
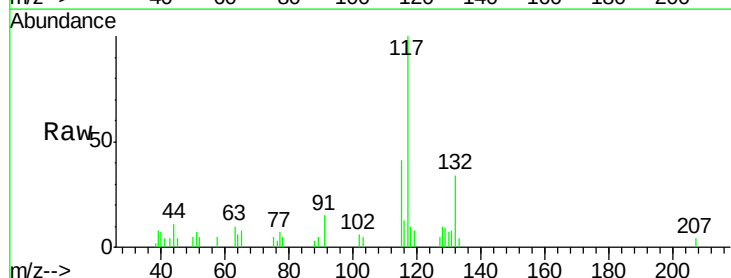
Tgt Ion: 75 Resp: 275

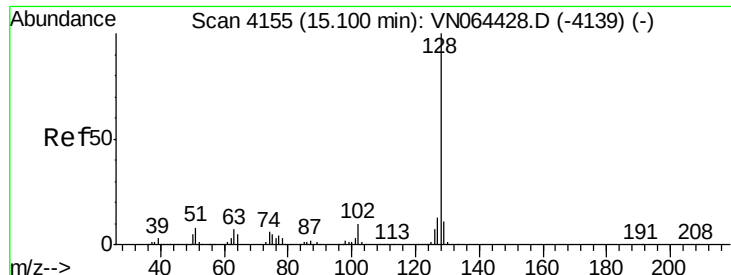
Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

157 0.0 43.0 128.8#





#95

Naphthalene

Concen: 3.634 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN064532.D

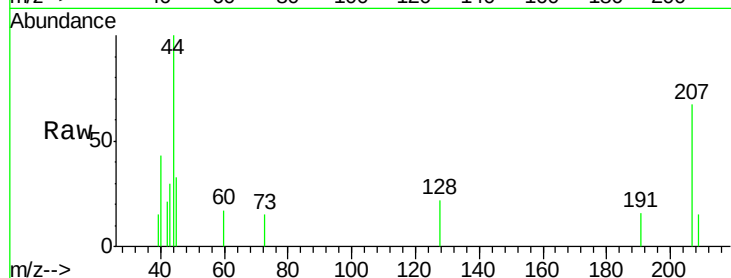
Acq: 10 Nov 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106



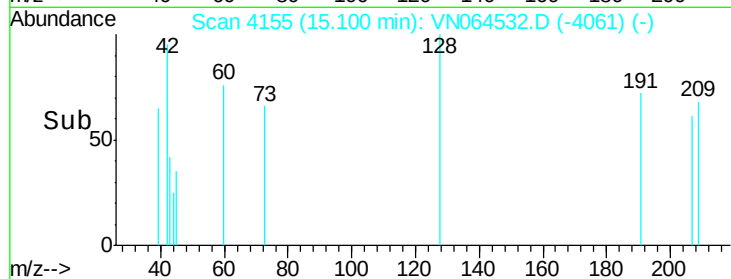
Tot Ion:128 Resp: 119

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

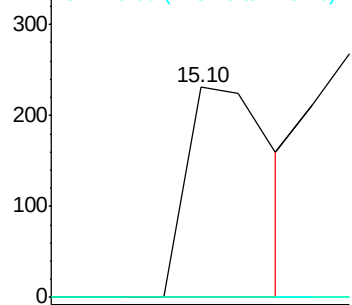
129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->