

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064551.D
 Acq On : 11 Nov 2020 13:36
 Operator : JC/MD
 Sample : L4684-02DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

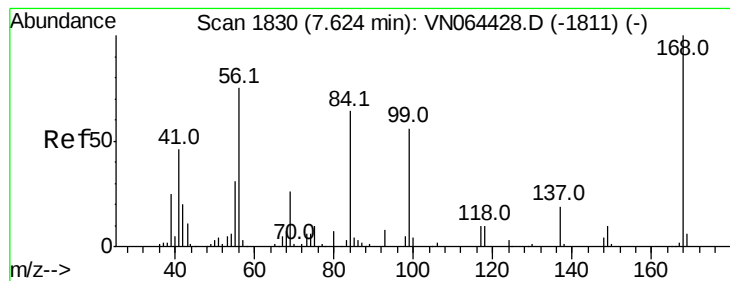
Quant Time: Nov 12 01:31:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	491040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	238677	57.27	ug/l	0.00
Spiked Amount			Recovery	=	114.54%	
35) Dibromofluoromethane	7.55	113	174573	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
50) Toluene-d8	10.06	98	628531	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	230953	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	7498	16.315	ug/l #	71
12) 1,1-Dichloroethene	3.69	96	4880	1.907	ug/l #	70
13) Acrolein	3.46	56	68	0.239	ug/l #	15
16) Acetone	3.74	43	2584	1.628	ug/l #	48
20) Methylene Chloride	4.51	84	1791	0.569	ug/l #	83
24) 1,1-Dichloroethane	5.80	63	35954	6.158	ug/l	97
25) 2-Butanone	6.80	43	603	0.298	ug/l #	52
31) Cyclohexane	7.62	56	8683	1.714	ug/l #	24
36) 1,1-Dichloropropene	7.62	75	23131	4.459	ug/l #	52
37) Ethyl Acetate	6.88	43	127	0.786	ug/l #	71
38) Carbon Tetrachloride	7.63	117	27795	5.013	ug/l #	16
40) Benzene	8.01	78	836934	54.904	ug/l	99
42) 1,2-Dichloroethane	8.09	62	30344	4.933	ug/l	99
43) Isopropyl Acetate	8.11	43	2637	0.314	ug/l #	64
44) Trichloroethene	8.80	130	2567	0.667	ug/l	76
49) 1,4-Dioxane	9.18	88	63	1.128	ug/l #	26
56) Ethyl methacrylate	10.22	69	36	1.847	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.68	63	66	21.559	ug/l #	51
59) 2-Hexanone	10.74	43	511	4.154	ug/l #	28
60) Dibromochloromethane	10.59	129	911	0.224	ug/l #	10
69) o-Xylene	11.92	106	6869	1.009	ug/l	94
71) Bromoform	12.38	173	1131	1.635	ug/l #	1
73) Isopropylbenzene	12.23	105	18366	1.298	ug/l	97
74) N-amyl acetate	12.05	43	88	1.227	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	131332	30.448	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.87	105	12995	1.113	ug/l	75
81) trans-1,4-Dichloro-2-buten	12.38	75	131332	85.014	ug/l #	8
84) 1,2,4-Trimethylbenzene	12.87	105	12995	1.107	ug/l	79
90) Hexachloroethane	13.97	117	2153	1.075	ug/l #	18
95) Naphthalene	15.12	128	230	3.645	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

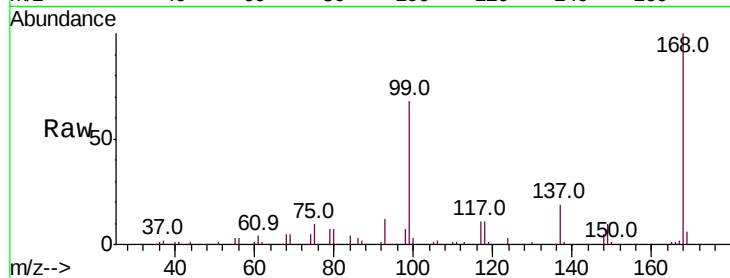
BP-VPB178-DUP-20201106DL

Tot Ion:168 Resp: 239247

Ion Ratio Lower Upper

168 100

99 68.3 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

7.63

100000

80000

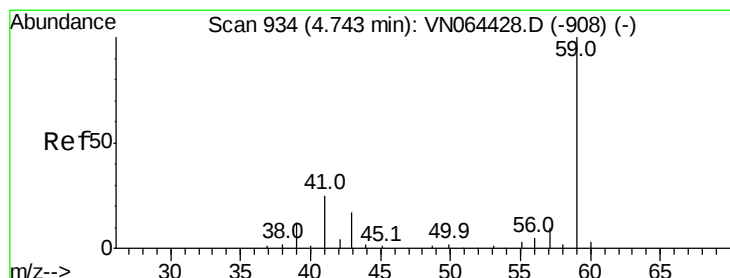
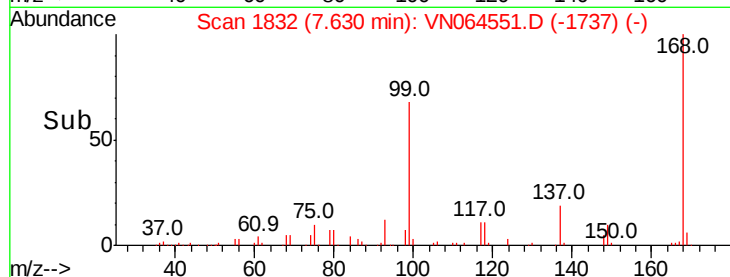
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 16.315 ug/l

RT: 4.75 min Scan# 936

Delta R.T. 0.01 min

Lab File: VN064551.D

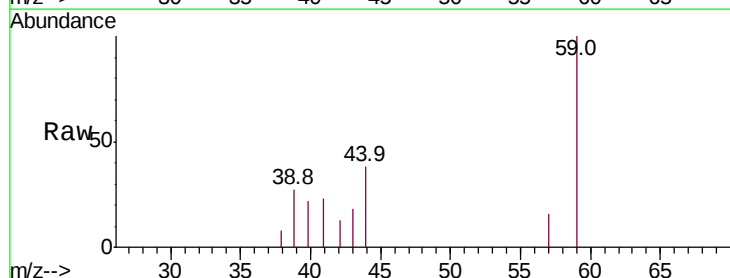
Acq: 11 Nov 2020 13:36

Tgt Ion: 59 Resp: 7498

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN064428.D (-908) (-)

Ion 57.00 (56.70 to 57.70): VN064428.D (-908) (-)

4.75

2500

2000

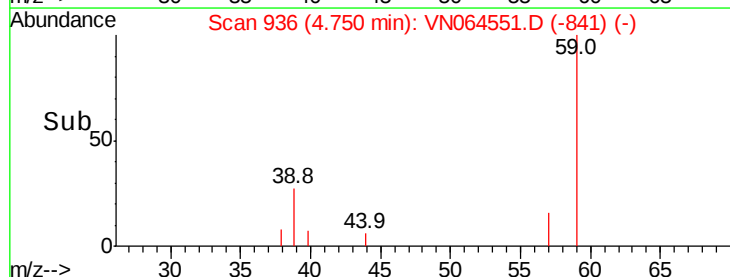
1500

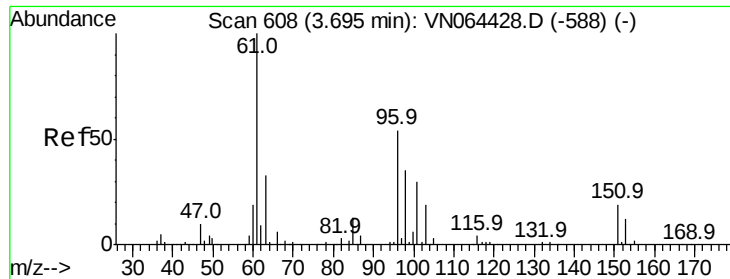
1000

500

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.907 ug/l

RT: 3.69 min Scan# 607

Delta R.T. -0.00 min

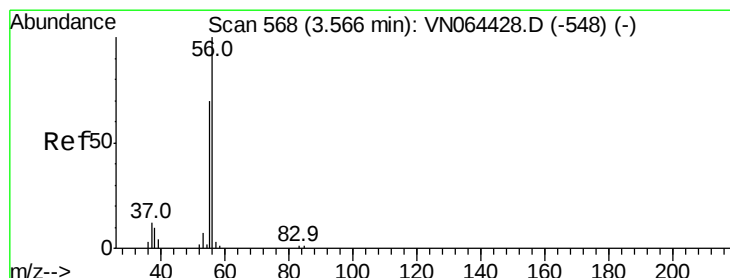
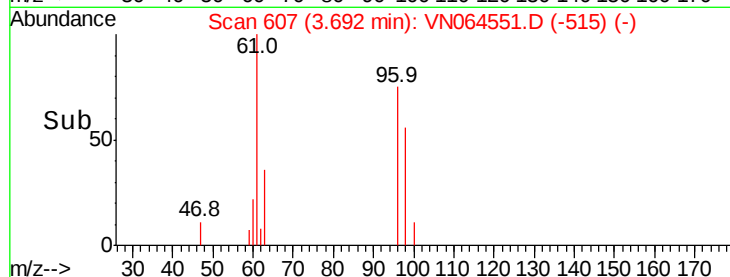
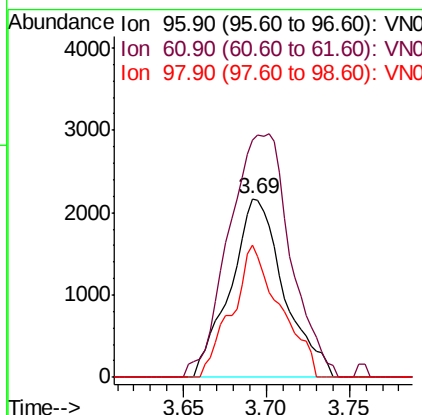
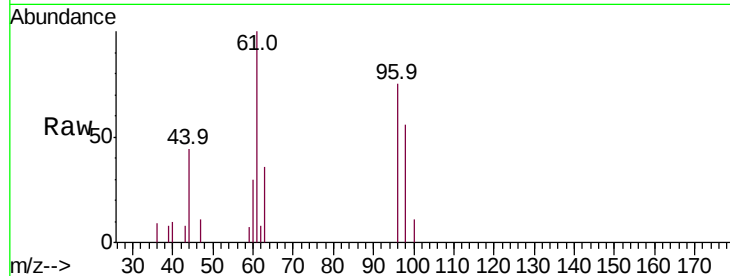
Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

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

Tot Ion: 96 Resp: 4880

Ion	Ratio	Lower	Upper
96	100		
61	133.2	149.5	224.3#
98	74.4	52.4	78.6



#13

Acrolein

Concen: 0.239 ug/l

RT: 3.46 min Scan# 536

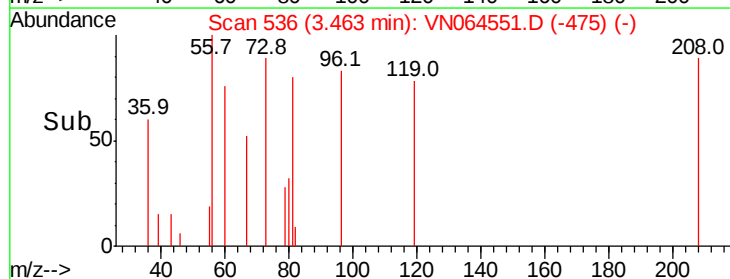
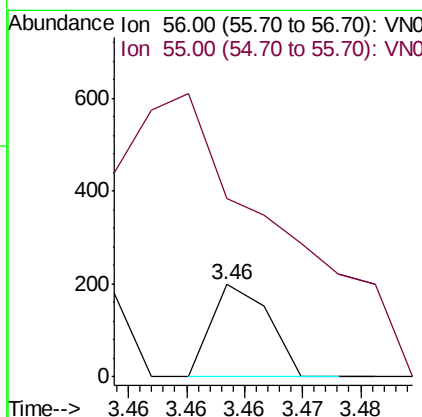
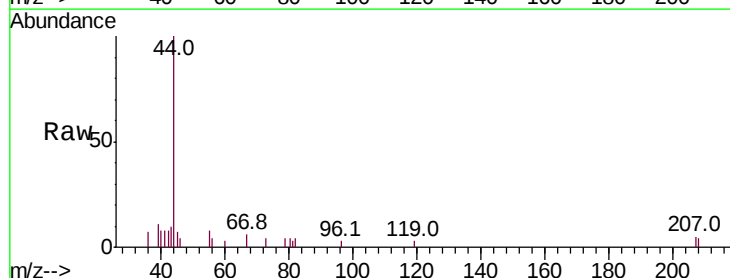
Delta R.T. -0.10 min

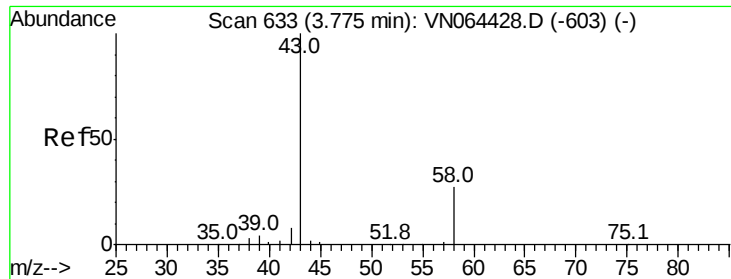
Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Tgt Ion: 56 Resp: 68

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.9	83.9#





#16

Acetone

Concen: 1.628 ug/l

RT: 3.74 min Scan# 623

Delta R.T. -0.03 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

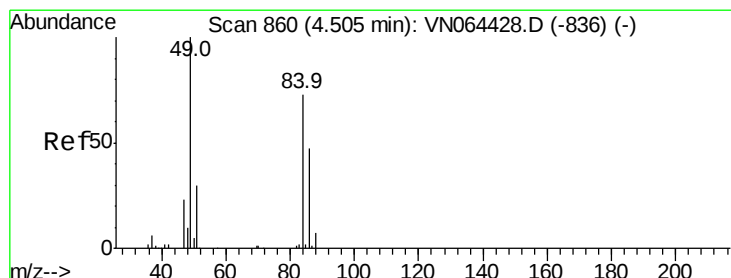
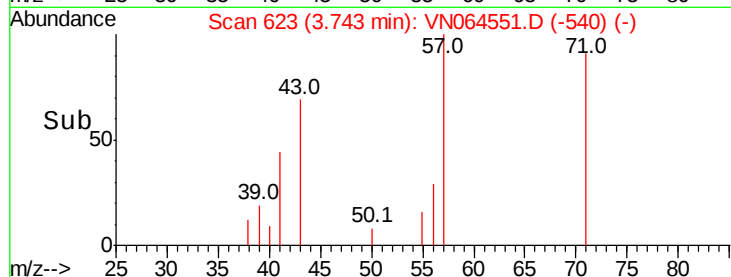
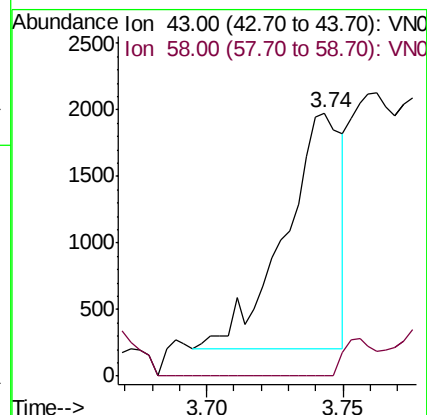
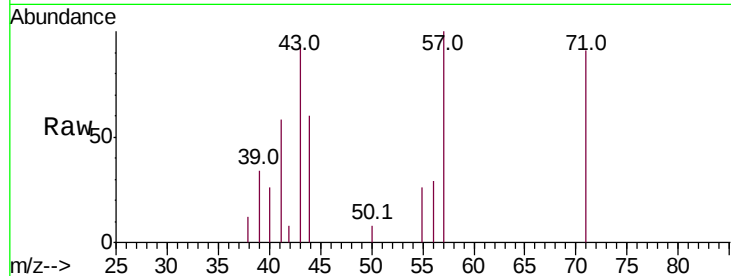
BP-VPB178-DUP-20201106DL

Tot Ion: 43 Resp: 2584

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.0#



#20

Methylene Chloride

Concen: 0.569 ug/l

RT: 4.51 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Tgt Ion: 84 Resp: 1791

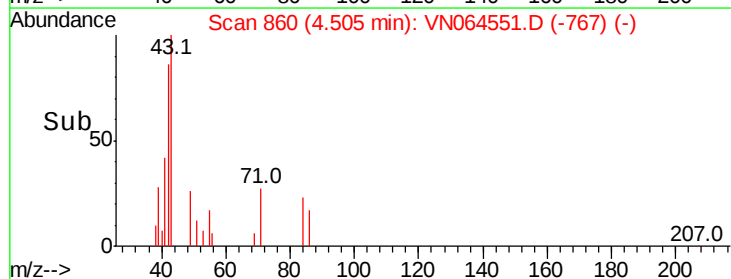
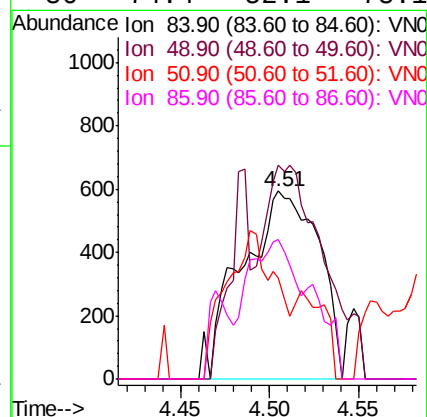
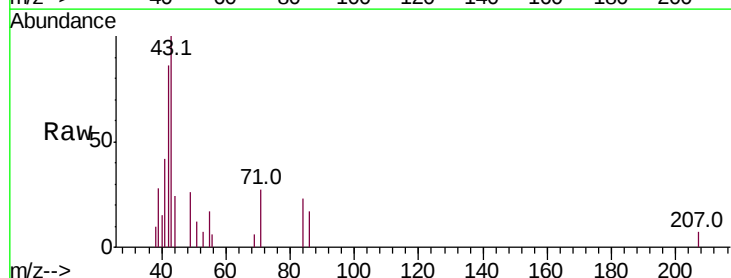
Ion Ratio Lower Upper

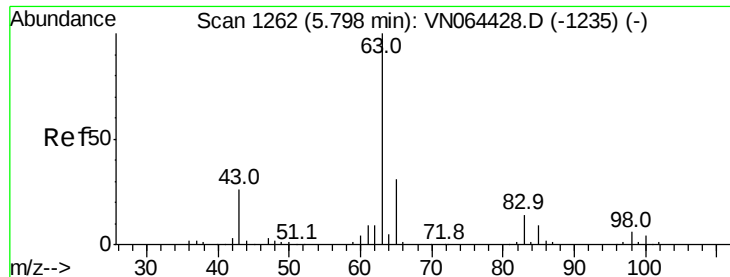
84 100

49 113.7 110.1 165.1

51 53.6 33.6 50.4#

86 74.4 52.1 78.1

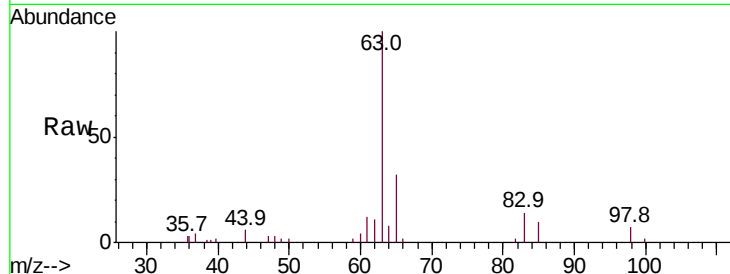




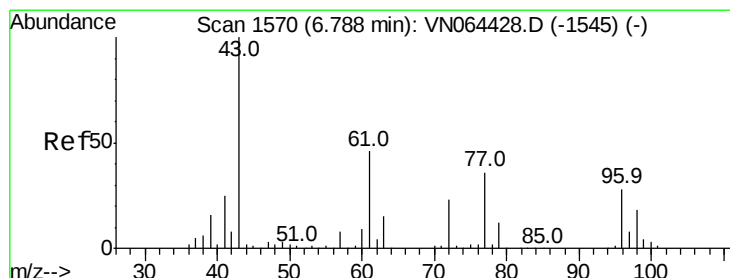
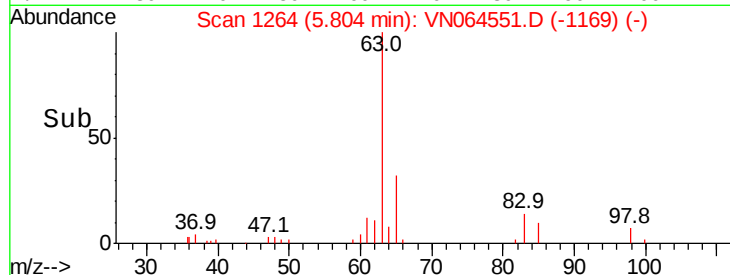
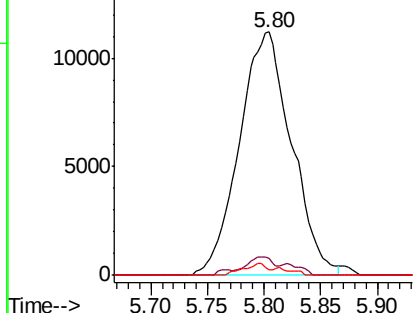
#24
 1,1-Dichloroethane
 Concen: 6.158 ug/l
 RT: 5.80 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: VN064551.D
 Acq: 11 Nov 2020 13:36

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

Tot Ion: 63 Resp: 35954
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.0 9.2
 100 2.0 1.8 5.3

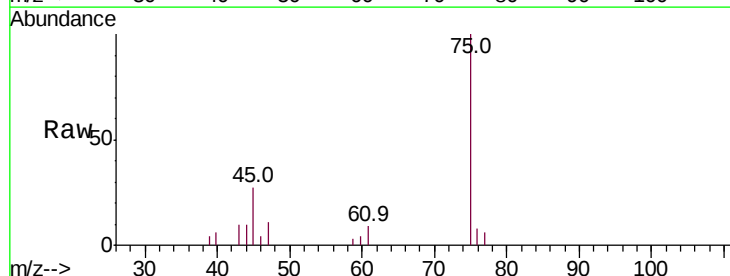


Abundance Ion 62.90 (62.60 to 63.60): VN0
 15000 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

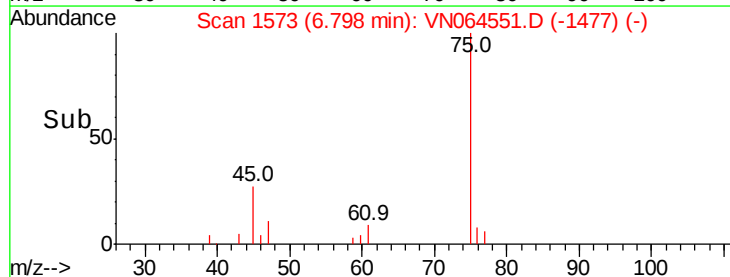
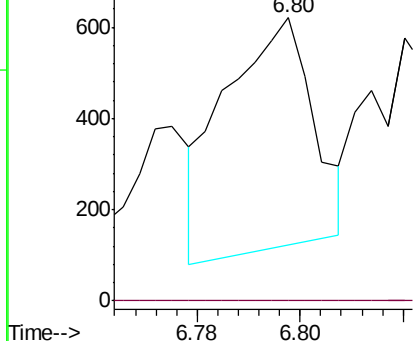


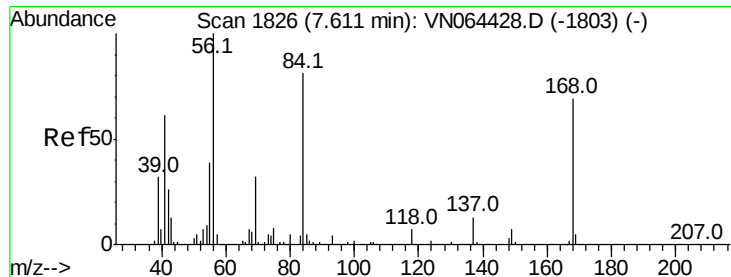
#25
 2-Butanone
 Concen: 0.298 ug/l
 RT: 6.80 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VN064551.D
 Acq: 11 Nov 2020 13:36

Tgt Ion: 43 Resp: 603
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0

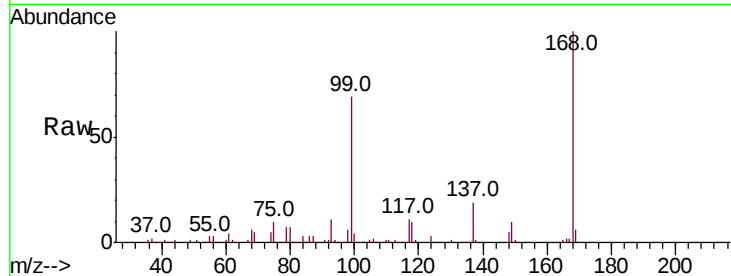




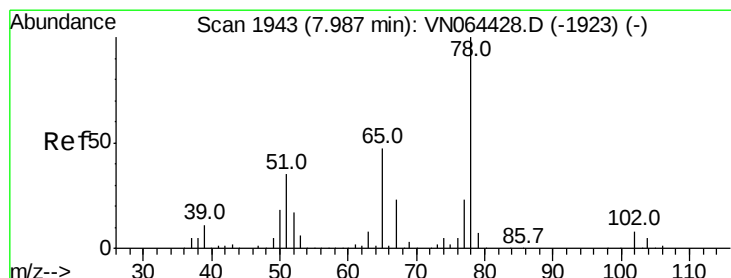
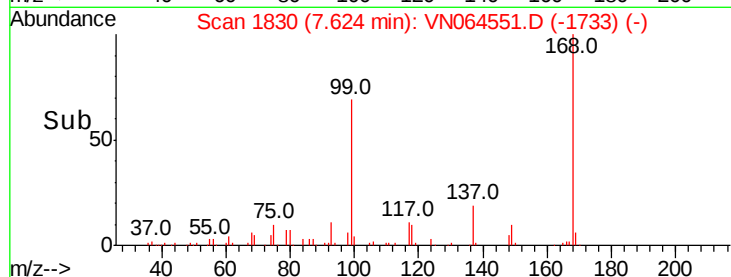
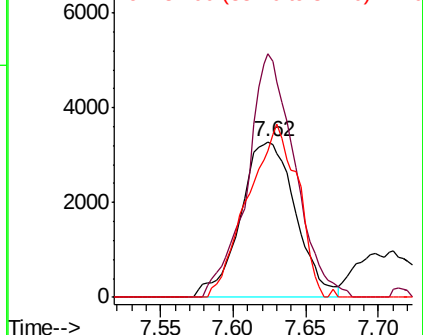
#31
Cyclohexane
Concen: 1.714 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

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

Tot Ion: 56 Resp: 8683
Ion Ratio Lower Upper
56 100
69 156.4 25.6 38.4#
84 93.6 63.0 94.6

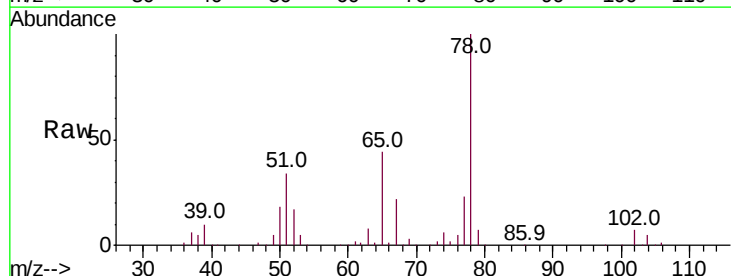


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

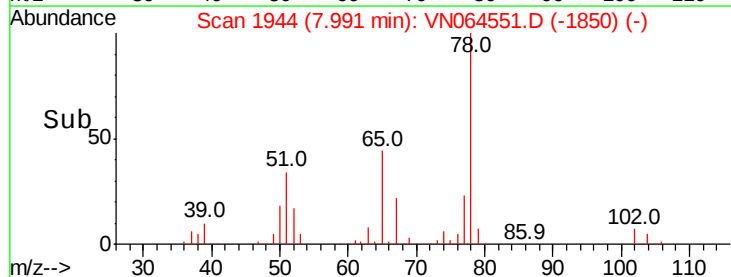
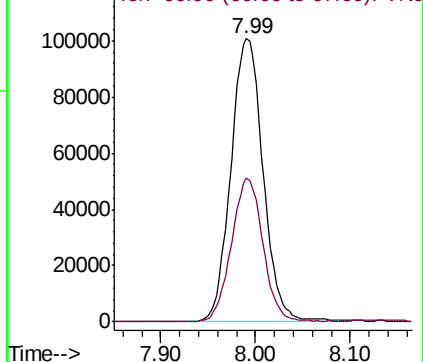


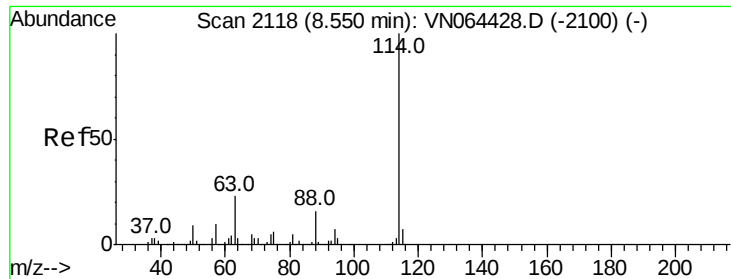
#33
1,2-Dichloroethane-d4
Concen: 57.274 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tgt Ion: 65 Resp: 238677
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

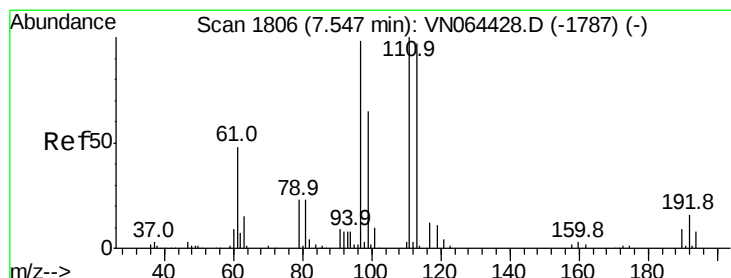
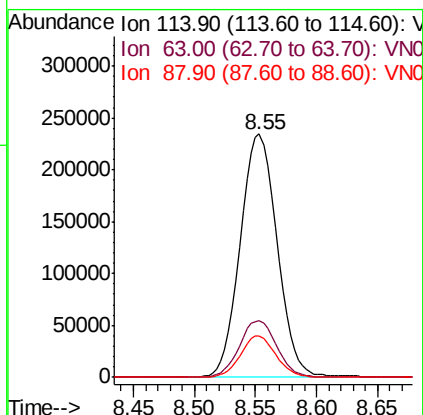
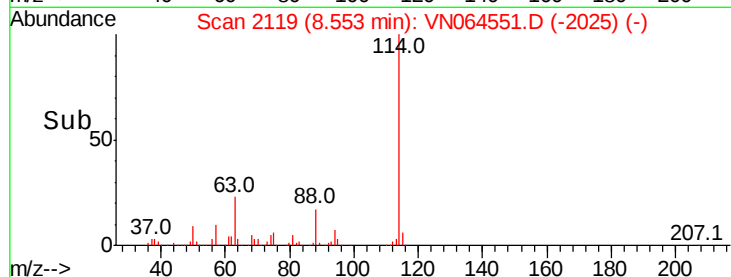
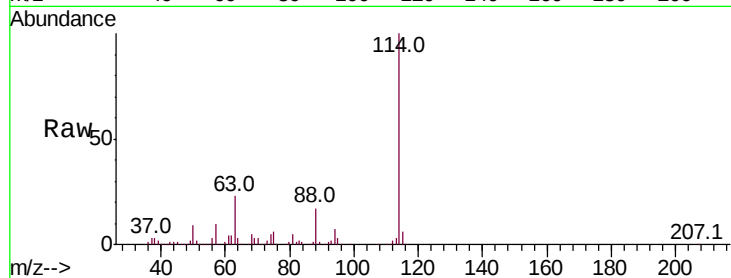




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

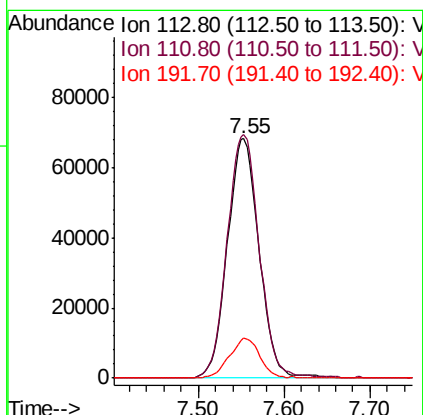
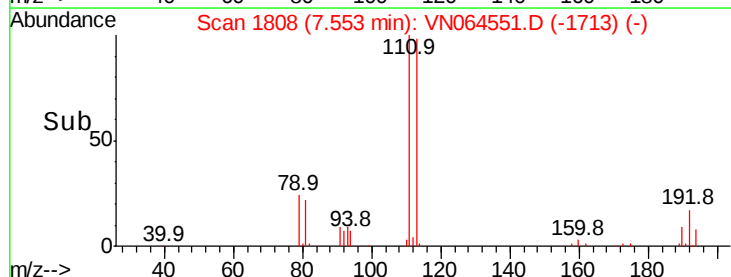
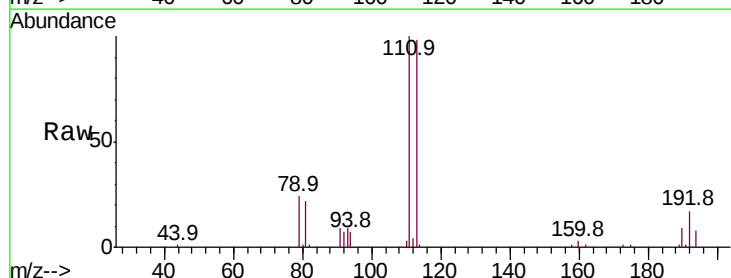
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106DL

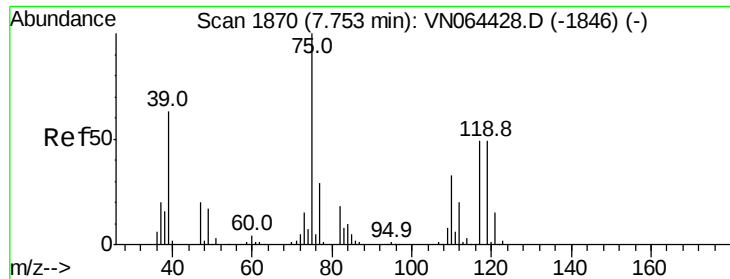
Tot Ion:114 Resp: 491040
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.6
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.216 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tgt Ion:113 Resp: 174573
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 16.1 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.459 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

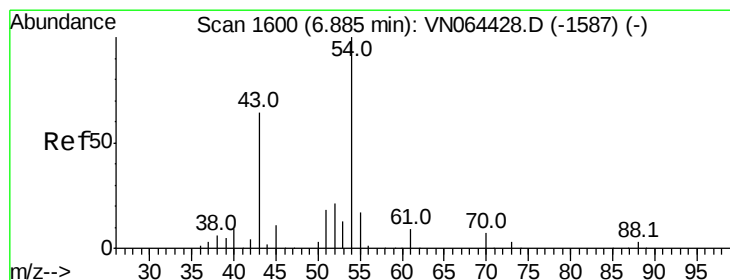
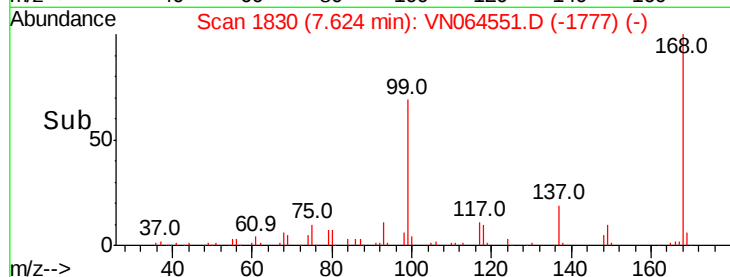
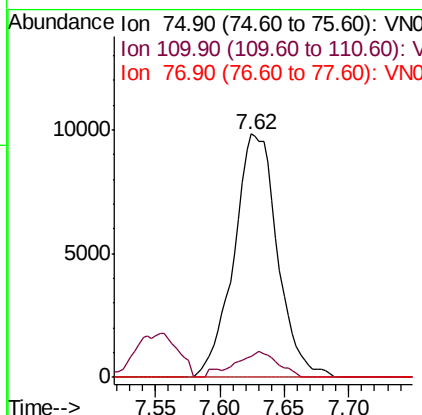
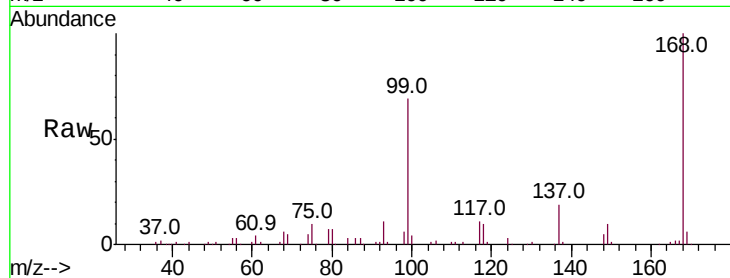
Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

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

Tot Ion: 75 Resp: 23131

Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.0	48.0#
77	0.0	24.0	36.0#



#37

Ethyl Acetate

Concen: 0.786 ug/l

RT: 6.88 min Scan# 1599

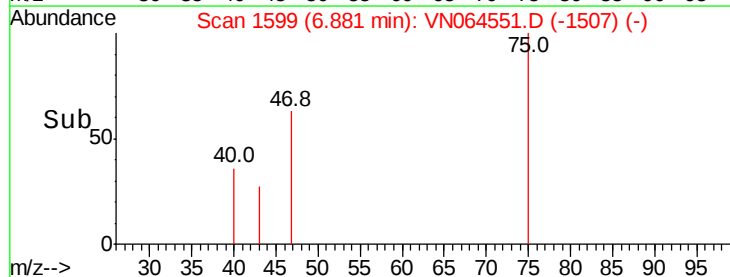
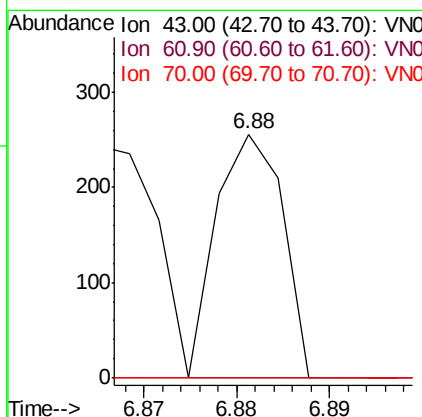
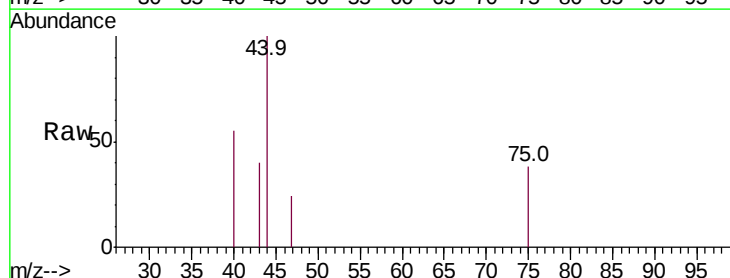
Delta R.T. -0.00 min

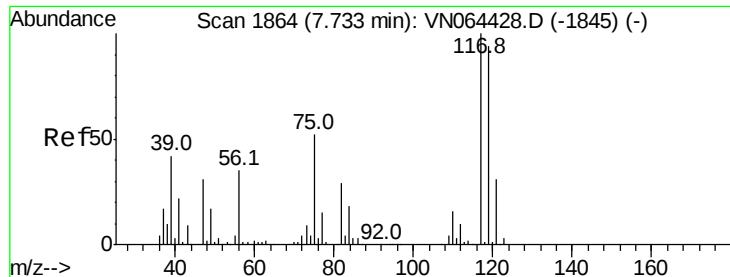
Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Tgt Ion: 43 Resp: 127

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

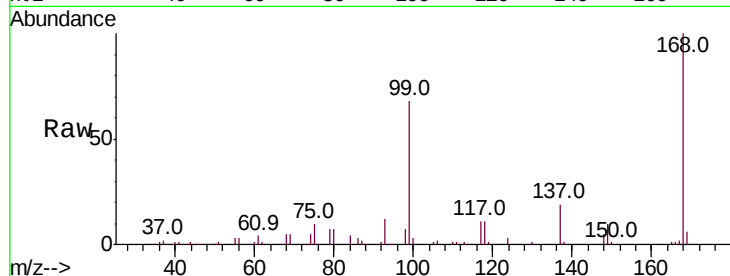




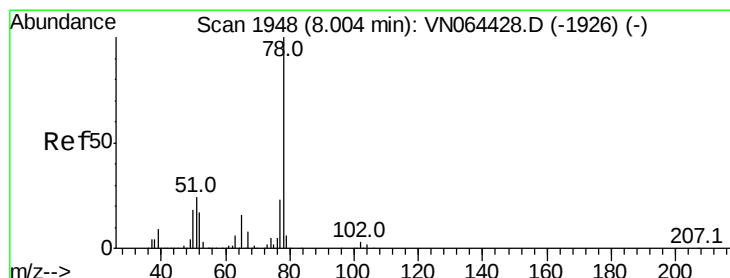
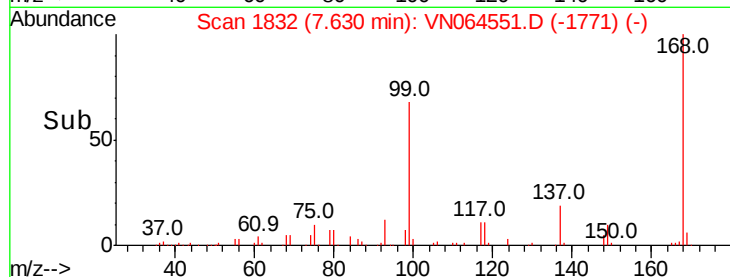
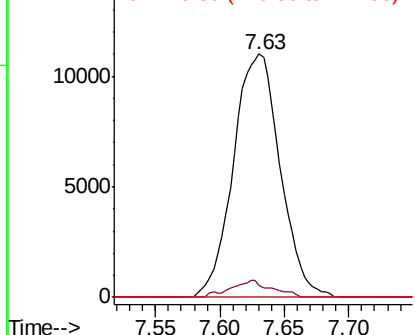
#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

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

Tot Ion:117 Resp: 27795
Ion Ratio Lower Upper
117 100
119 4.9 75.5 113.3#
121 0.0 24.4 36.6#

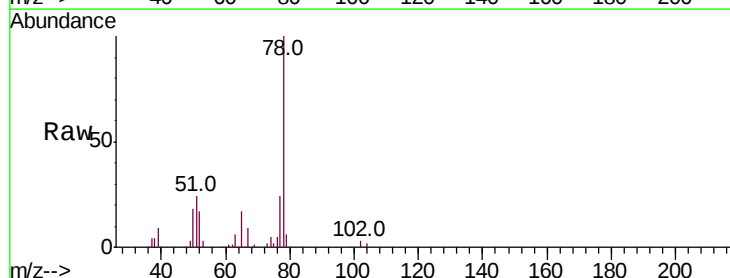


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

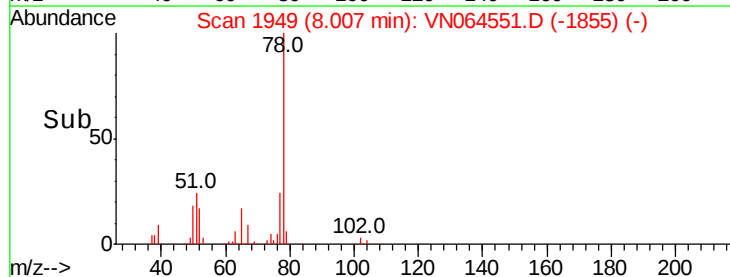
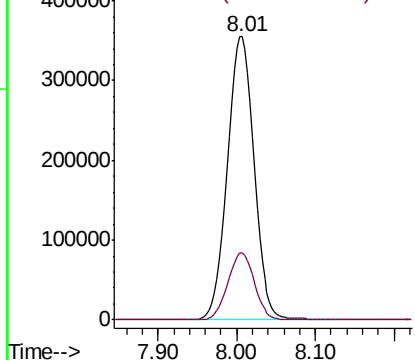


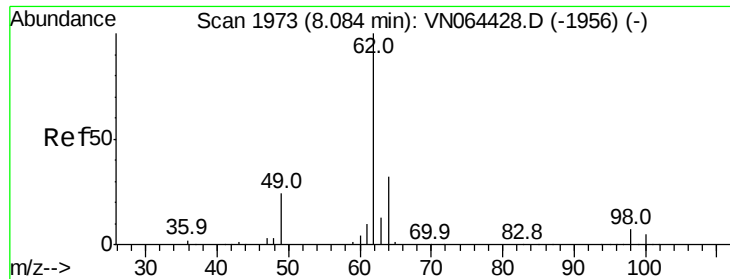
#40
Benzene
Concen: 54.904 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tgt Ion: 78 Resp: 836934
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

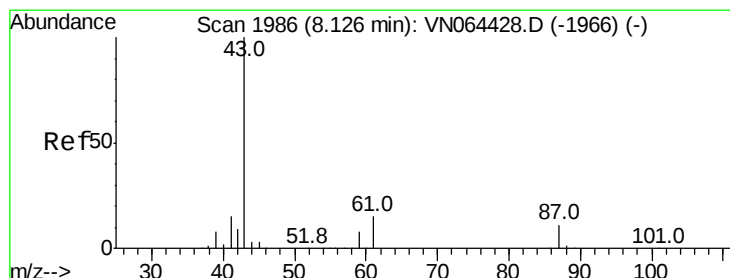
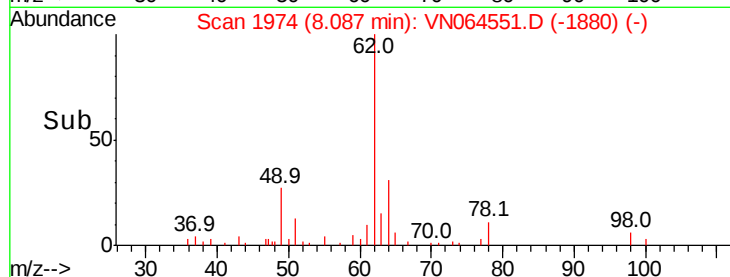
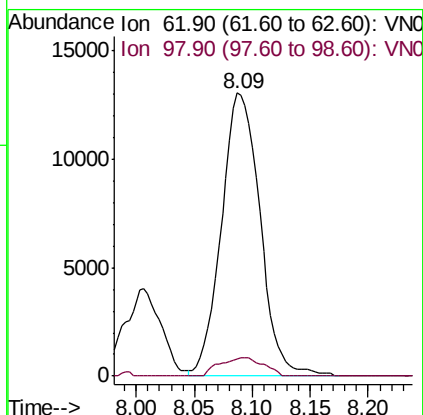
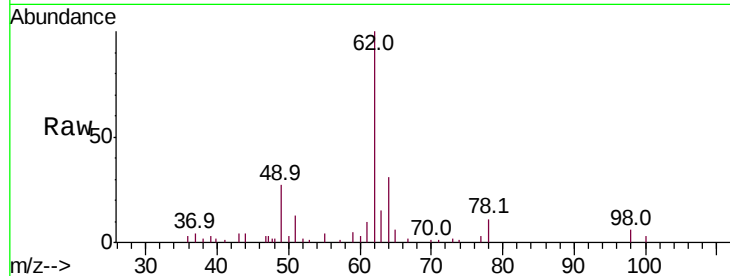




#42
 1,2-Dichloroethane
 Concen: 4.933 ug/l
 RT: 8.09 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VN064551.D
 Acq: 11 Nov 2020 13:36

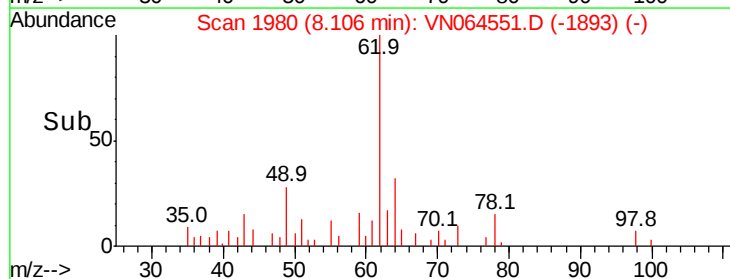
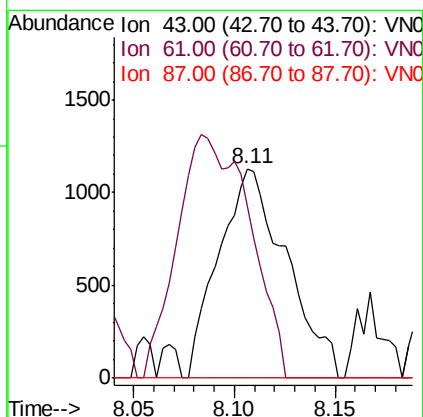
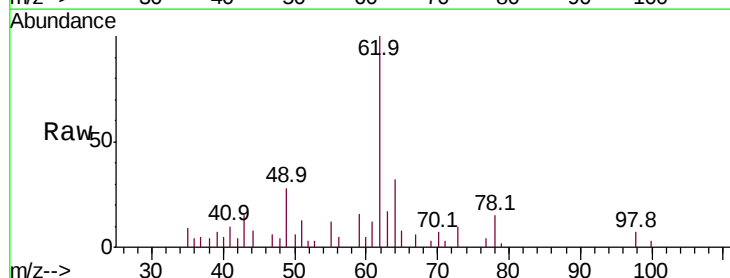
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-DUP-20201106DL

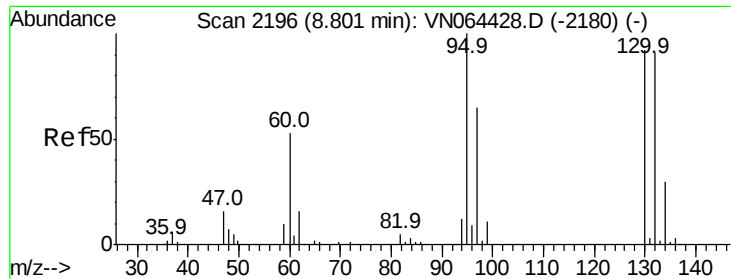
Tot Ion: 62 Resp: 30344
 Ion Ratio Lower Upper
 62 100
 98 7.3 0.0 14.0



#43
 Isopropyl Acetate
 Concen: 0.314 ug/l
 RT: 8.11 min Scan# 1980
 Delta R.T. -0.02 min
 Lab File: VN064551.D
 Acq: 11 Nov 2020 13:36

Tgt Ion: 43 Resp: 2637
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.0 21.0#
 87 0.0 9.1 13.7#





#44

Trichloroethene

Concen: 0.667 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

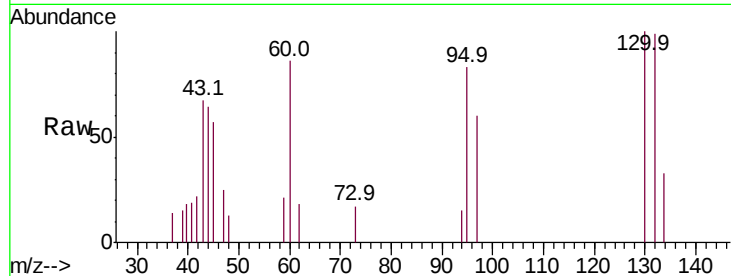
BP-VPB178-DUP-20201106DL

Tot Ion:130 Resp: 2567

Ion Ratio Lower Upper

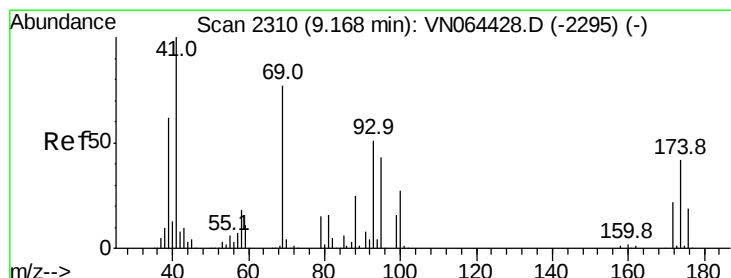
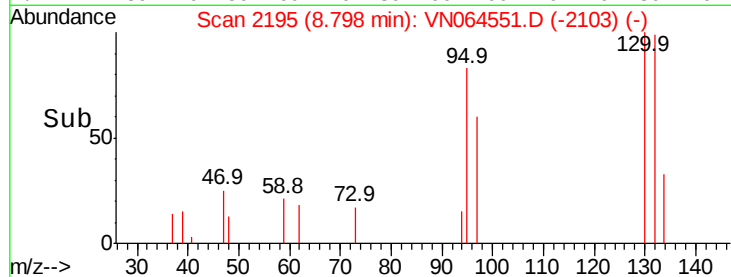
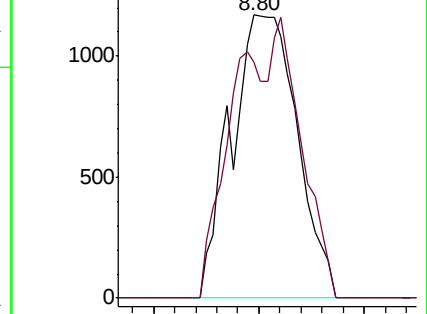
130 100

95 83.4 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#49

1,4-Dioxane

Concen: 1.128 ug/l

RT: 9.18 min Scan# 2315

Delta R.T. 0.02 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

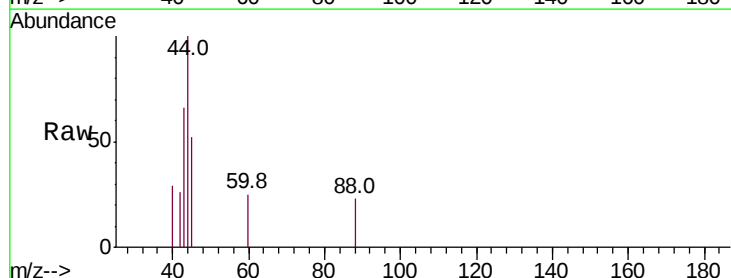
Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

43 138.1 31.0 46.6#

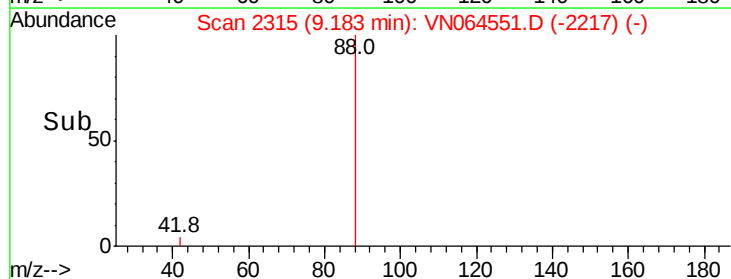
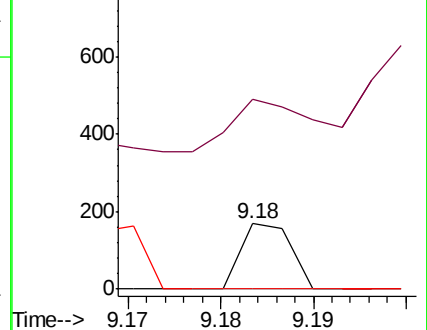
58 95.2 58.4 87.6#

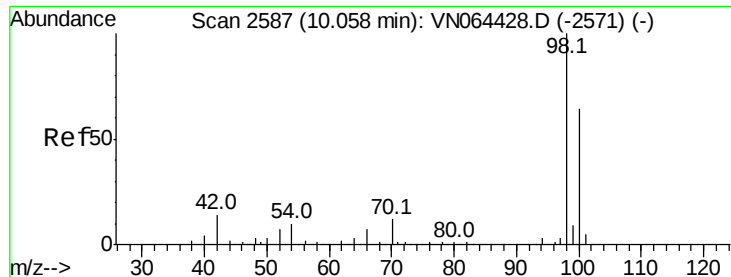


Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

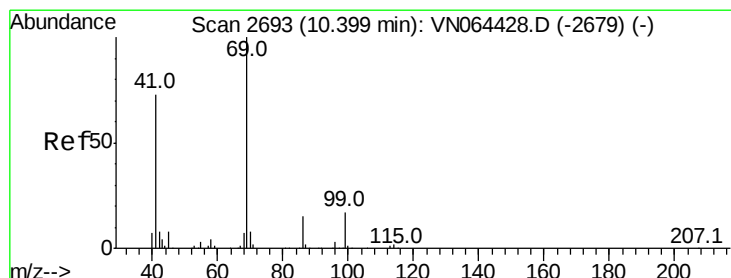
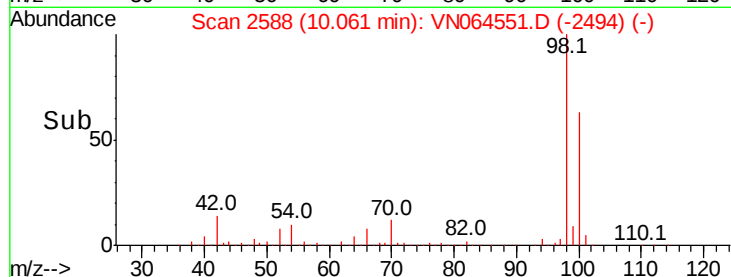
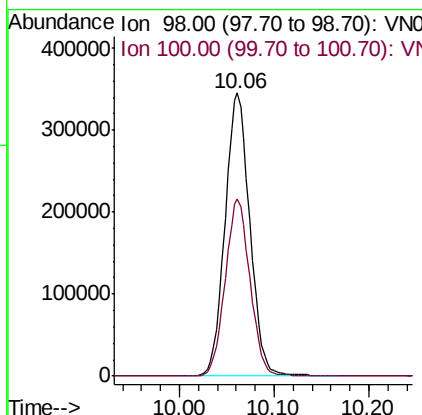
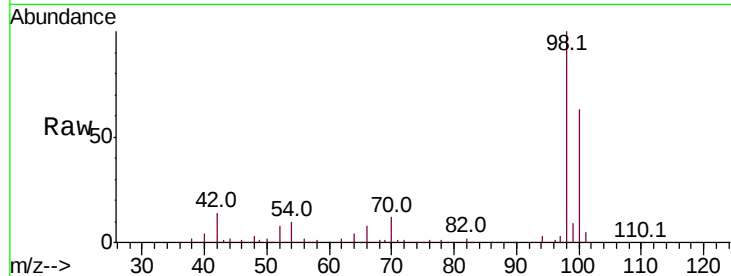




#50
Toluene-d8
Concen: 48.641 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

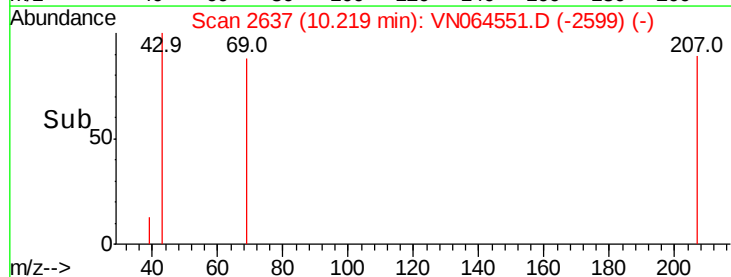
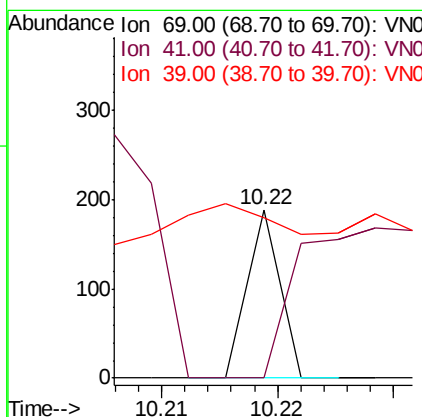
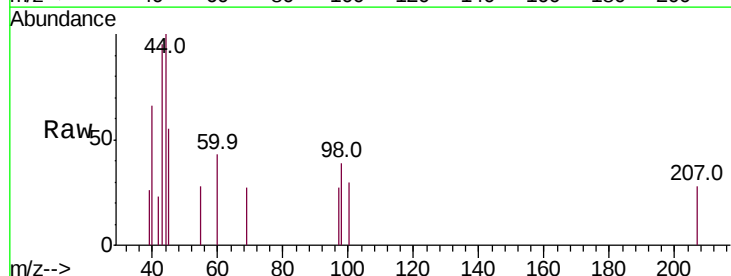
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106DL

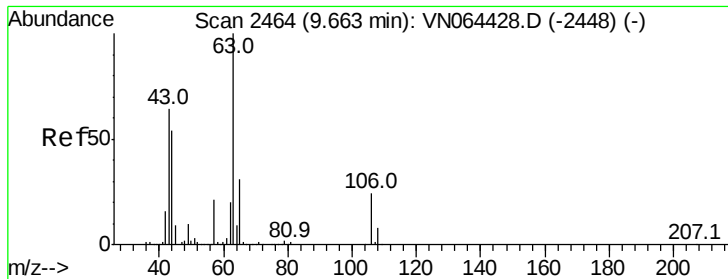
Tot Ion: 98 Resp: 628531
Ion Ratio Lower Upper
98 100
100 62.7 50.7 76.1



#56
Ethyl methacrylate
Concen: 1.847 ug/l
RT: 10.22 min Scan# 2637
Delta R.T. -0.18 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tgt Ion: 69 Resp: 36
Ion Ratio Lower Upper
69 100
41 344.4 59.3 88.9#
39 552.8 35.4 53.0#





#58

2-Chloroethyl Vinyl ether

Concen: 21.559 ug/l

RT: 9.68 min Scan# 2469

Delta R.T. 0.02 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

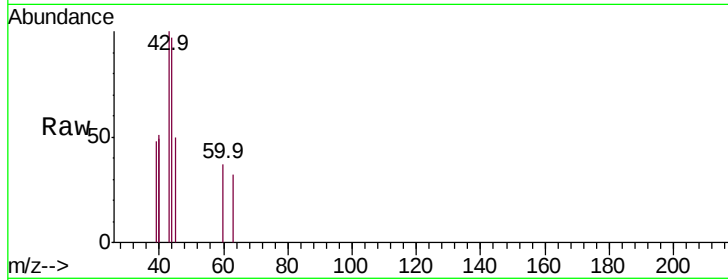
BP-VPB178-DUP-20201106DL

Tot Ion: 63 Resp: 66

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

200

150

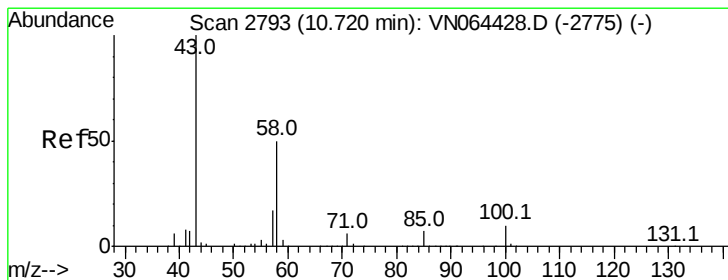
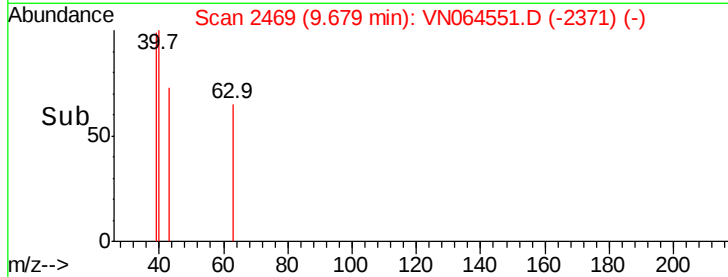
100

50

0

9.67 9.68 9.69

Time-->



#59

2-Hexanone

Concen: 4.154 ug/l

RT: 10.74 min Scan# 2800

Delta R.T. 0.02 min

Lab File: VN064551.D

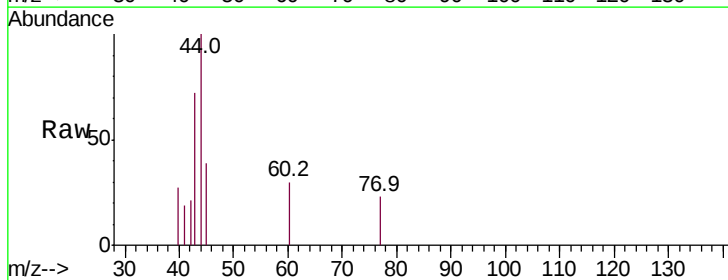
Acq: 11 Nov 2020 13:36

Tgt Ion: 43 Resp: 511

Ion Ratio Lower Upper

43 100

58 0.0 24.7 74.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600

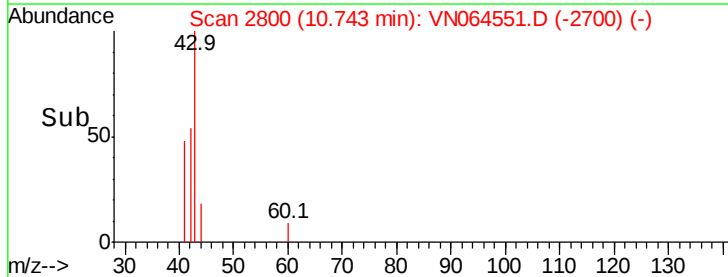
400

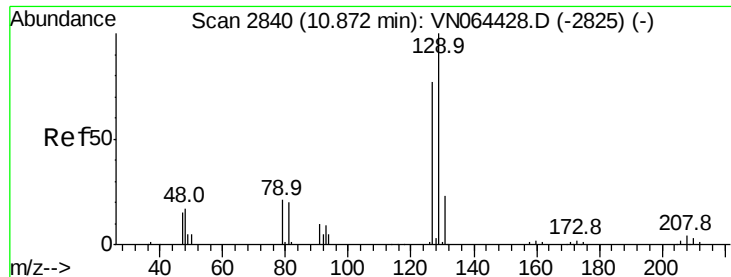
200

0

10.70 10.75

Time-->





#60

Dibromochloromethane

Concen: 0.224 ug/l

RT: 10.59 min Scan# 2754

Delta R.T. -0.28 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

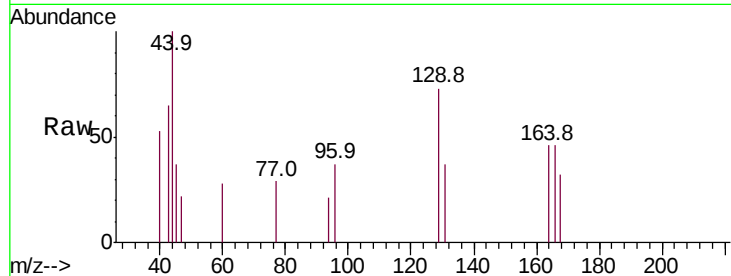
BP-VPB178-DUP-20201106DL

Tot Ion:129 Resp: 911

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.59

600

500

400

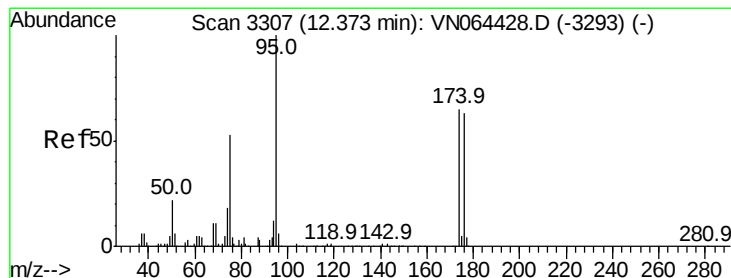
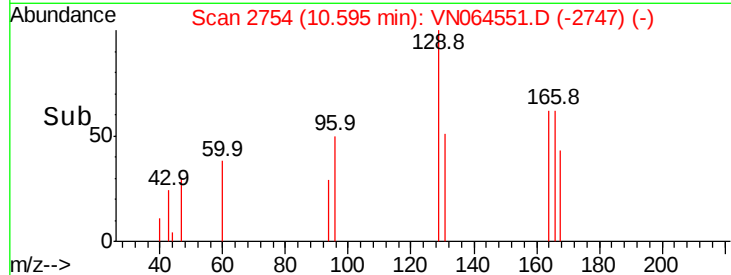
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.260 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

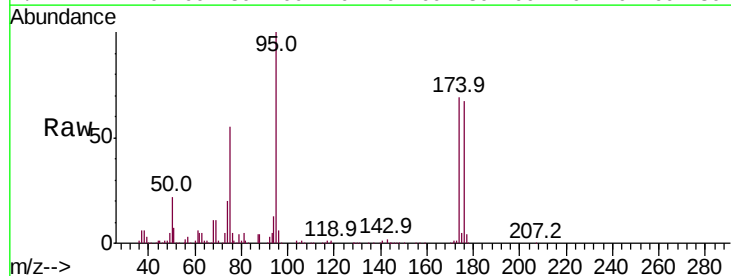
Tgt Ion: 95 Resp: 230953

Ion Ratio Lower Upper

95 100

174 69.9 0.0 132.6

176 68.6 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

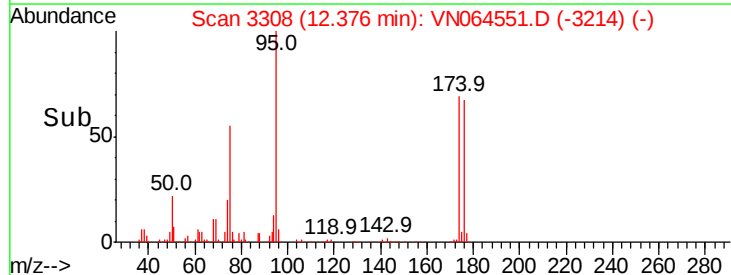
150000

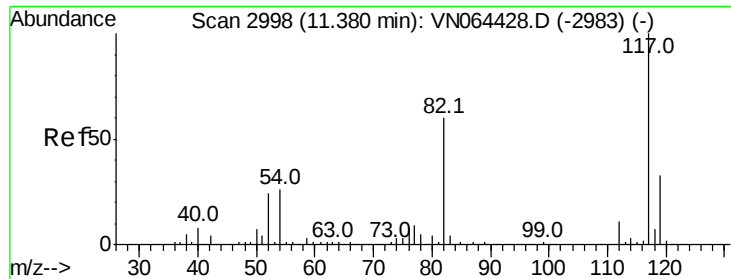
100000

50000

0

Time-->

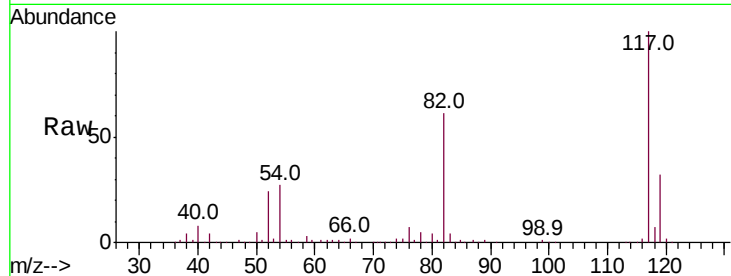




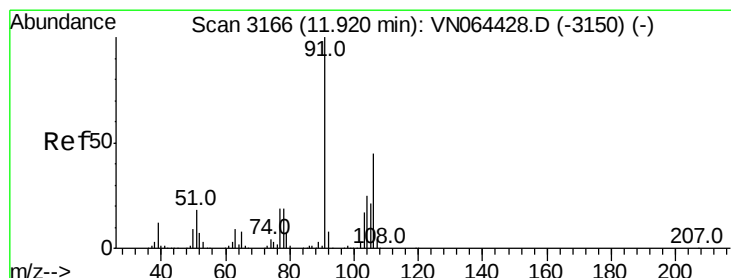
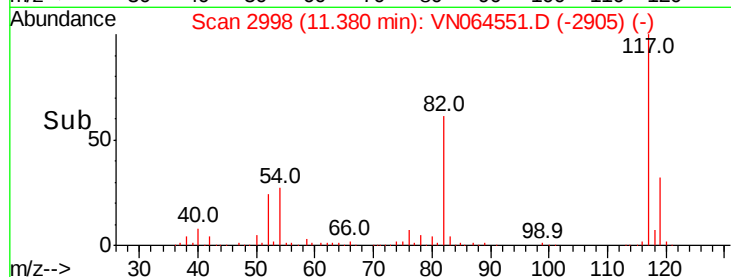
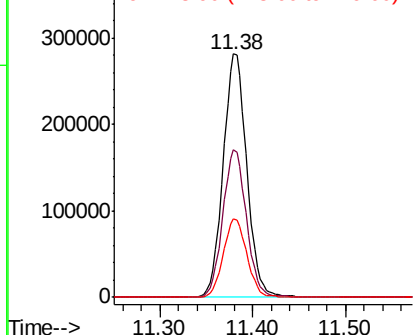
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

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

Tot Ion:117 Resp: 498258
Ion Ratio Lower Upper
117 100
82 60.7 48.1 72.1
119 32.1 26.2 39.4

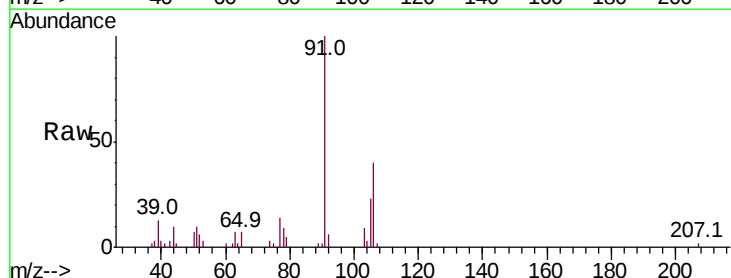


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

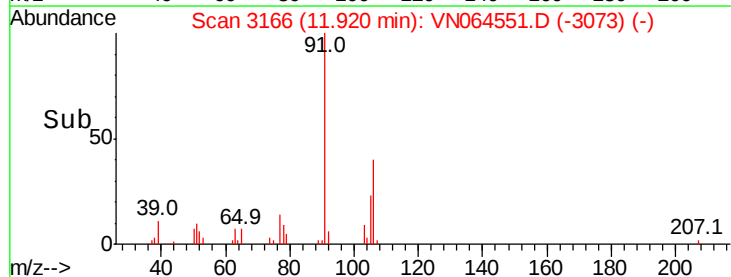
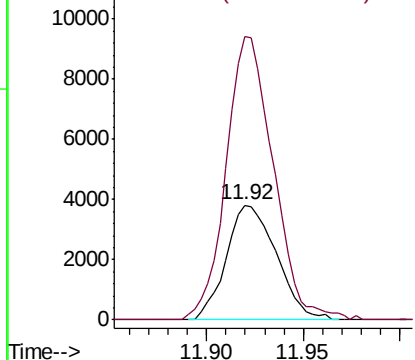


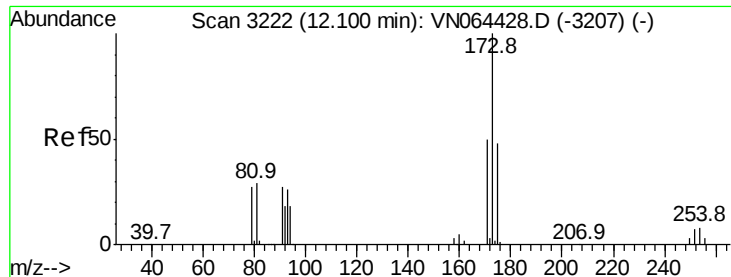
#69
o-Xylene
Concen: 1.009 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064551.D
Acq: 11 Nov 2020 13:36

Tgt Ion:106 Resp: 6869
Ion Ratio Lower Upper
106 100
91 232.5 111.7 334.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 1.635 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106DL

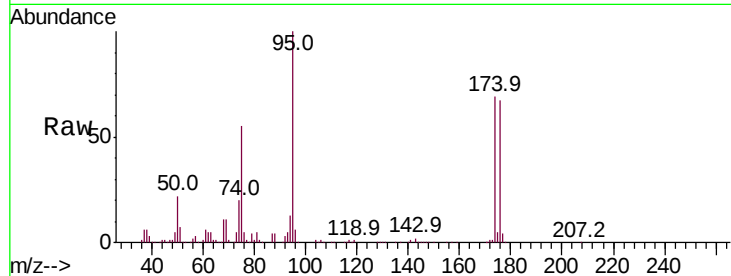
Tot Ion:173 Resp: 1131

Ion Ratio Lower Upper

173 100

175 854.2 23.7 71.1#

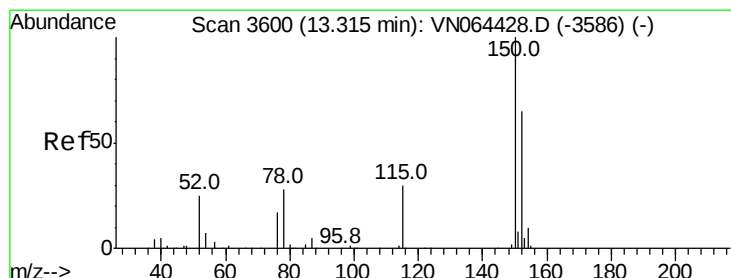
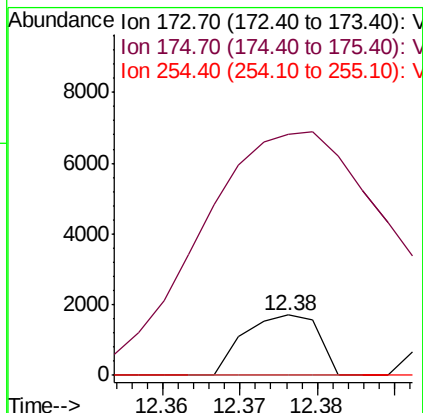
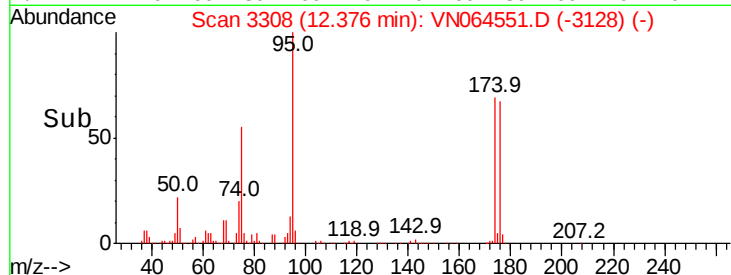
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

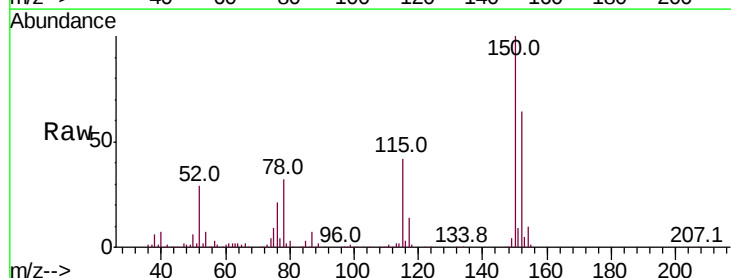
Tgt Ion:152 Resp: 178022

Ion Ratio Lower Upper

152 100

115 66.3 32.0 96.0

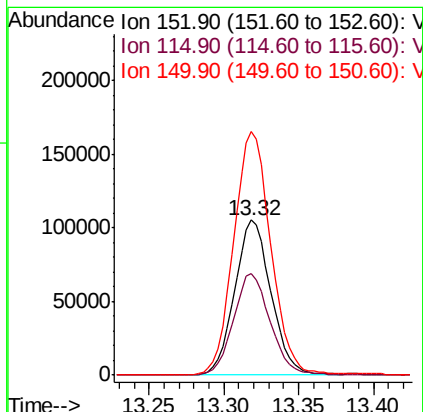
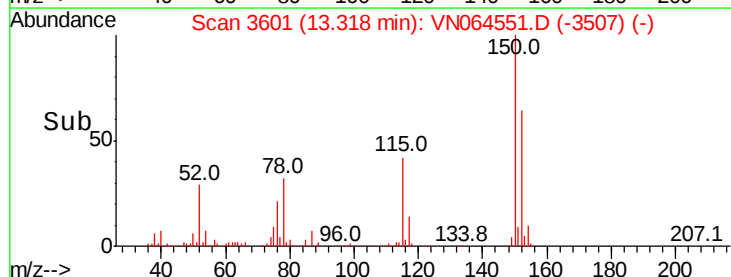
150 161.0 0.0 353.8

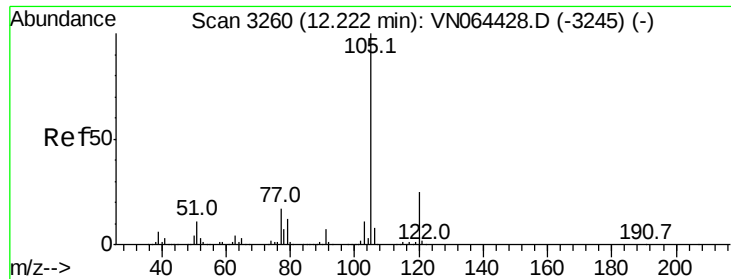


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.298 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

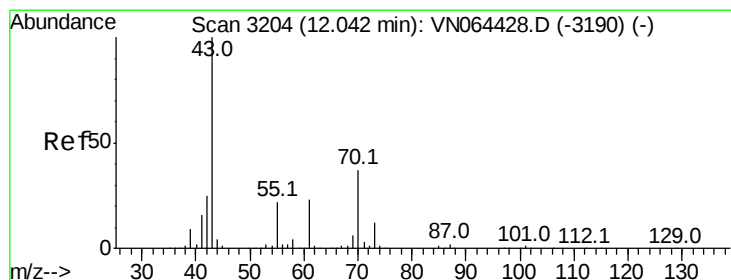
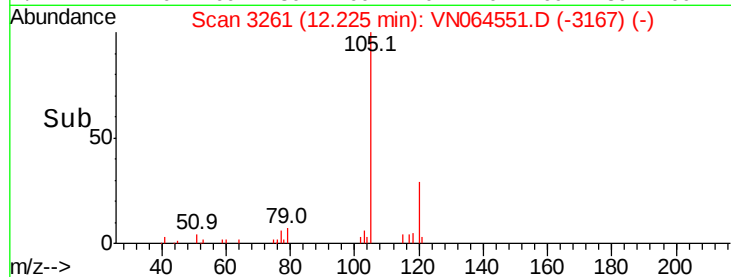
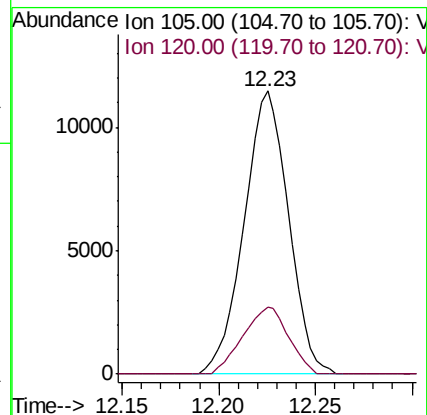
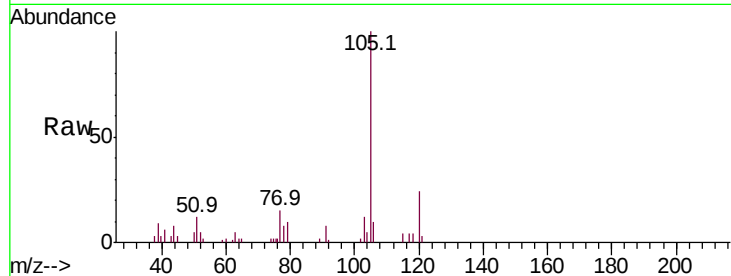
BP-VPB178-DUP-20201106DL

Tot Ion:105 Resp: 18366

Ion Ratio Lower Upper

105 100

120 24.1 12.8 38.3



#74

N-ethyl acetate

Concen: 1.227 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Tgt Ion: 43 Resp: 88

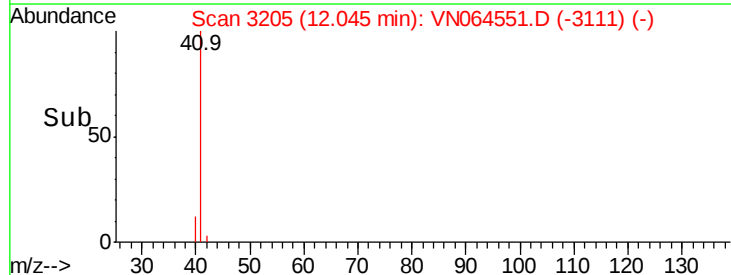
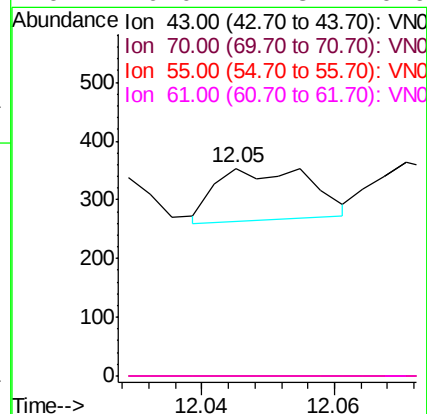
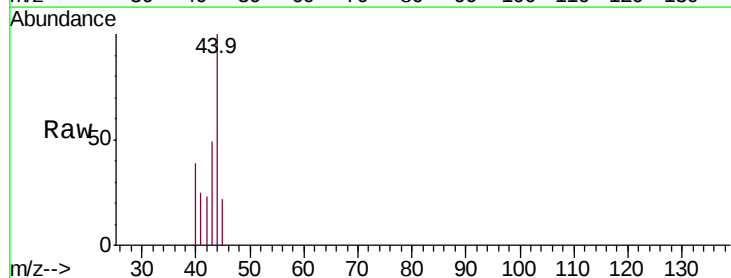
Ion Ratio Lower Upper

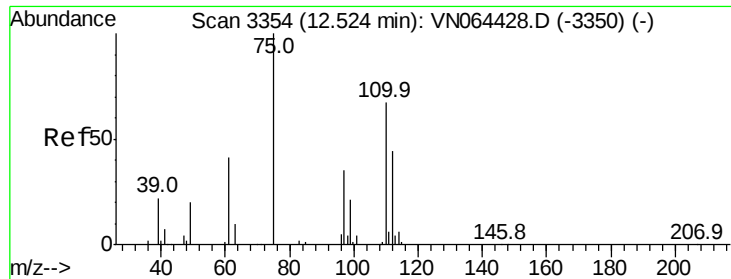
43 100

70 0.0 29.6 44.4#

55 0.0 18.4 27.6#

61 0.0 17.8 26.6#





#76

1,2,3-Trichloropropane

Concen: 30.448 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

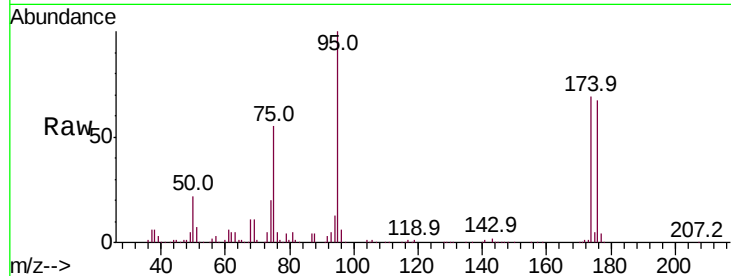
BP-VPB178-DUP-20201106DL

Tot Ion: 75 Resp: 131332

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



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

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

12.38

80000

60000

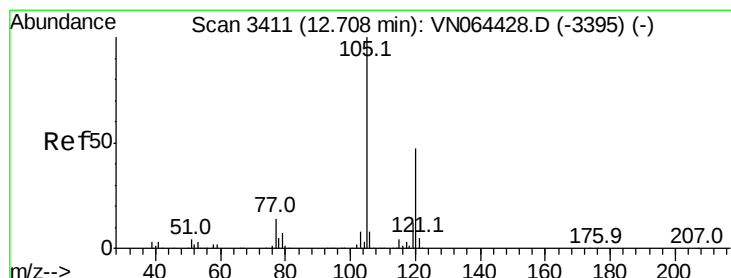
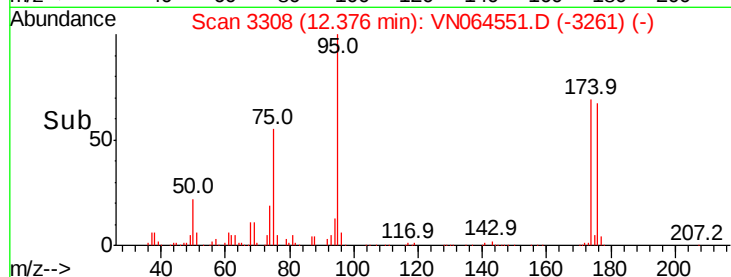
40000

20000

0

12.30 12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.113 ug/l

RT: 12.87 min Scan# 3461

Delta R.T. 0.16 min

Lab File: VN064551.D

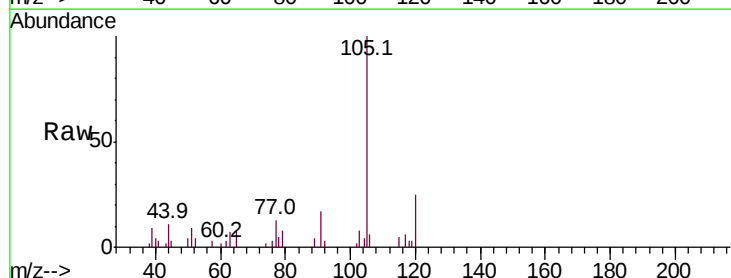
Acq: 11 Nov 2020 13:36

Tgt Ion: 105 Resp: 12995

Ion Ratio Lower Upper

105 100

120 30.4 23.4 70.2



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

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

12.87

8000

6000

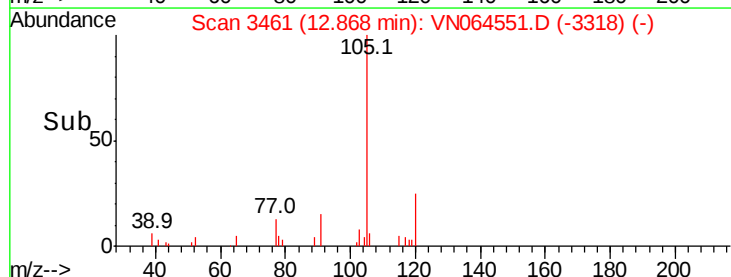
4000

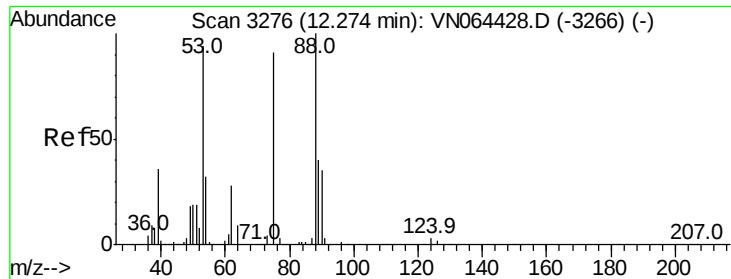
2000

0

12.80 12.85 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 85.014 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-DUP-20201106DL

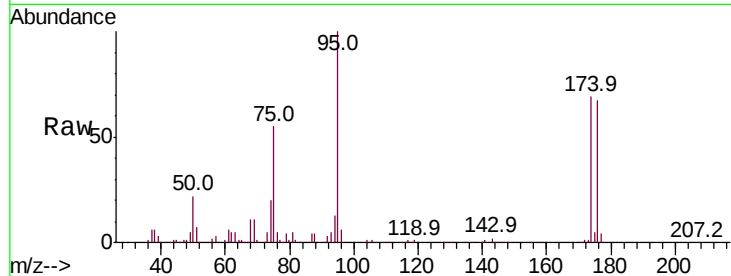
Tot Ion: 75 Resp: 131332

Ion Ratio Lower Upper

75 100

53 0.2 84.0 126.0#

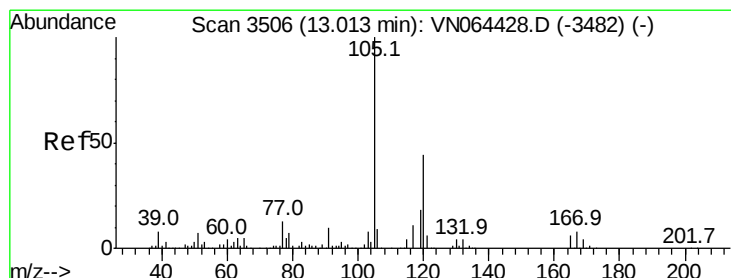
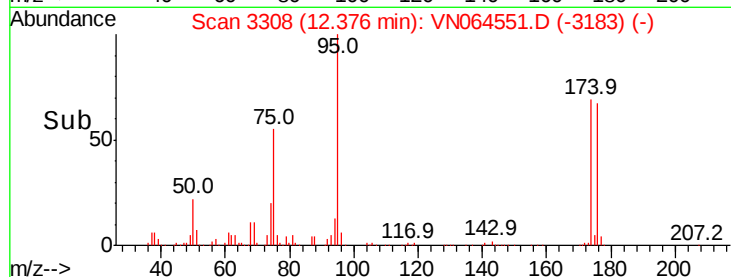
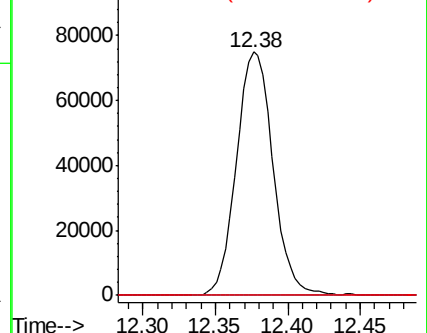
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): 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) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.107 ug/l

RT: 12.87 min Scan# 3461

Delta R.T. -0.14 min

Lab File: VN064551.D

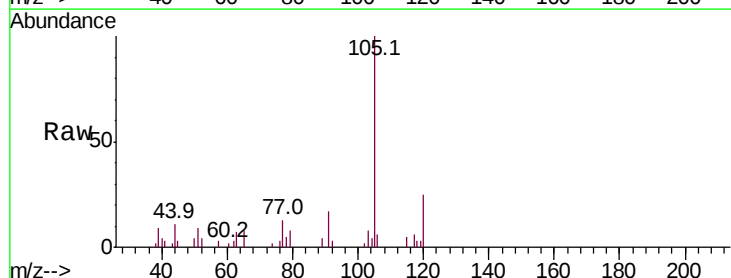
Acq: 11 Nov 2020 13:36

Tgt Ion: 105 Resp: 12995

Ion Ratio Lower Upper

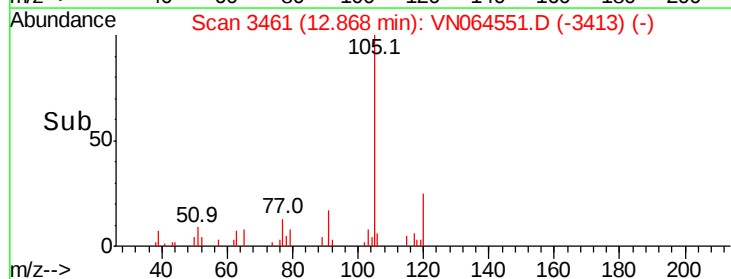
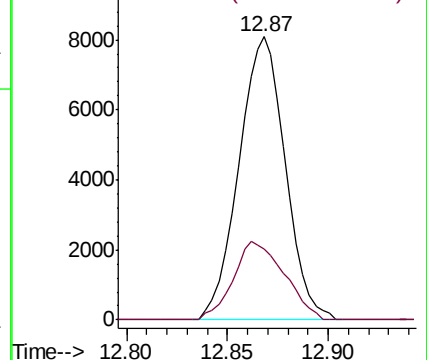
105 100

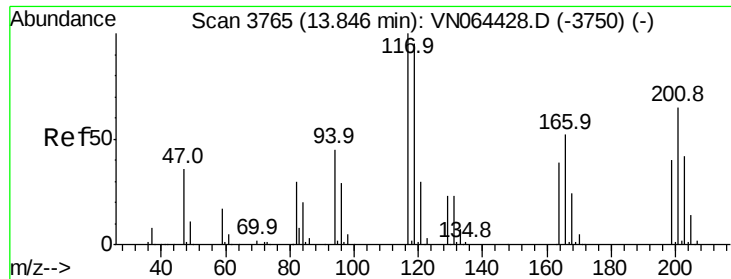
120 30.4 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3482) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3482) (-)





#90

Hexachloroethane

Concen: 1.075 ug/l

RT: 13.97 min Scan# 3803

Delta R.T. 0.12 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

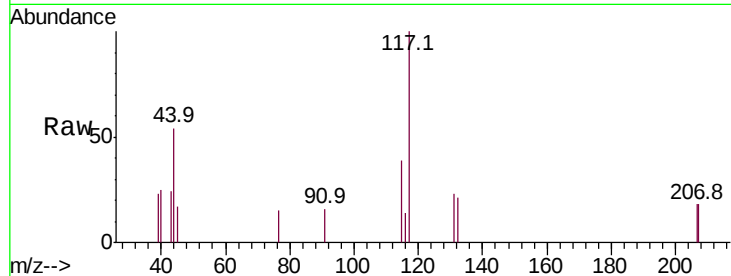
BP-VPB178-DUP-20201106DL

Tot Ion:117 Resp: 2153

Ion Ratio Lower Upper

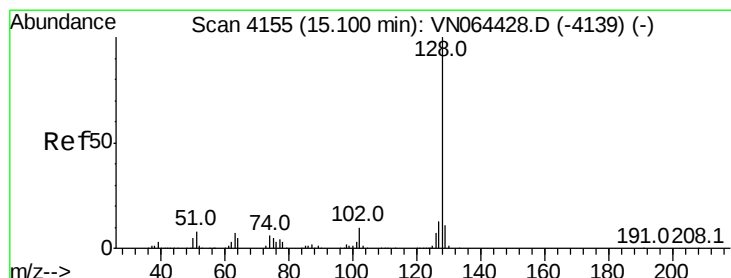
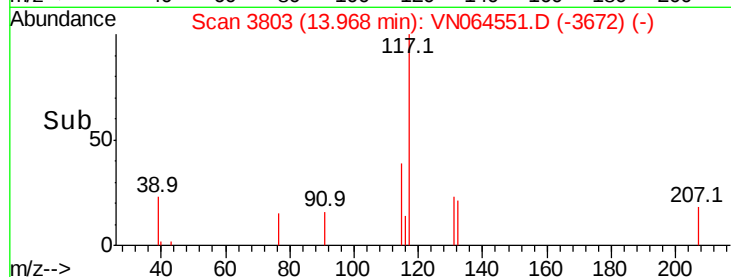
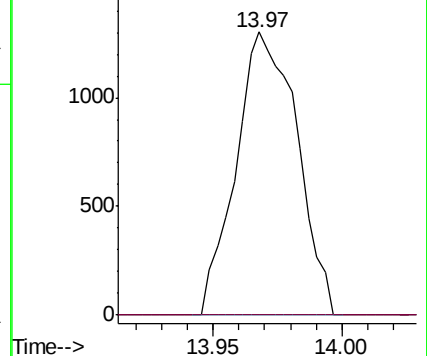
117 100

201 0.0 32.5 97.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 3.645 ug/l

RT: 15.12 min Scan# 4162

Delta R.T. 0.02 min

Lab File: VN064551.D

Acq: 11 Nov 2020 13:36

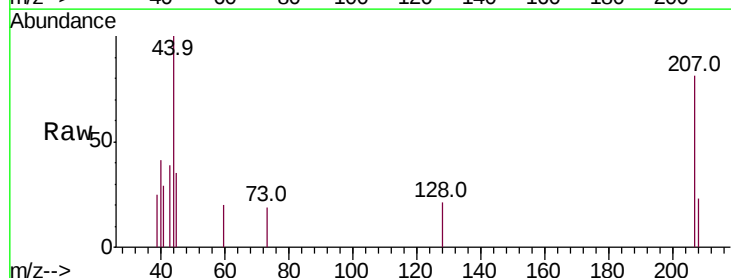
Tgt Ion:128 Resp: 230

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

