

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064146.D
 Acq On : 15 Oct 2020 16:19
 Operator : JC/MD
 Sample : L4418-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WW-000-02

Quant Time: Oct 16 02:25:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	316097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	582433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	642045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	263080	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	233150	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	7.55	113	199075	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.06	98	753233	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.38	95	290743	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1771	0.477	ug/l	89
4) Vinyl Chloride	2.16	62	2099	0.455	ug/l #	63
11) Tert butyl alcohol	4.75	59	312	0.626	ug/l #	1
12) 1,1-Dichloroethene	3.70	96	3671	1.166	ug/l	90
16) Acetone	3.78	43	8142	6.097	ug/l	99
17) Carbon Disulfide	4.01	76	2533	0.281	ug/l #	74
20) Methylene Chloride	4.51	84	1210	0.293	ug/l #	62
21) trans-1,2-Dichloroethene	4.99	96	16835	4.717	ug/l	94
25) 2-Butanone	6.77	43	560	0.273	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	150801	35.914	ug/l	90
31) Cyclohexane	7.62	56	7444	1.496	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	25632	4.566	ug/l #	51
38) Carbon Tetrachloride	7.63	117	32195	5.333	ug/l #	16
39) Methylcyclohexane	8.81	83	4751	1.007	ug/l #	1
40) Benzene	8.01	78	14668	0.863	ug/l	97
44) Trichloroethene	8.80	130	280322	62.707	ug/l	99
49) 1,4-Dioxane	9.15	88	61	1.052	ug/l #	36
52) Toluene	10.13	92	4038	0.387	ug/l	88
55) 1,1,2-Trichloroethane	10.60	97	202134	46.709	ug/l #	1
56) Ethyl methacrylate	10.35	69	106	2.315	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.72	63	63	12.238	ug/l #	48
59) 2-Hexanone	10.72	43	222	6.895	ug/l #	24
60) Dibromochloromethane	10.60	129	9119748	1876.067	ug/l #	11
64) Tetrachloroethene	10.61	164	9484949	1959.449	ug/l	90
68) m/p-Xylenes	11.59	106	2264	2.429	ug/l	89
69) o-Xylene	11.92	106	1054	1.697	ug/l	68
70) Styrene	11.95	104	585	2.073	ug/l	94
71) Bromoform	12.10	173	725	2.394	ug/l #	30
76) 1,2,3-Trichloropropane	12.38	75	150028	24.308	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	150028	74.264	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.02	105	5033	0.499	ug/l	92
86) p-Isopropyltoluene	13.26	119	538	0.696	ug/l #	70
95) Naphthalene	15.11	128	2054	3.945	ug/l #	90

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QLast Update : Thu Oct 15 01:16:44 2020
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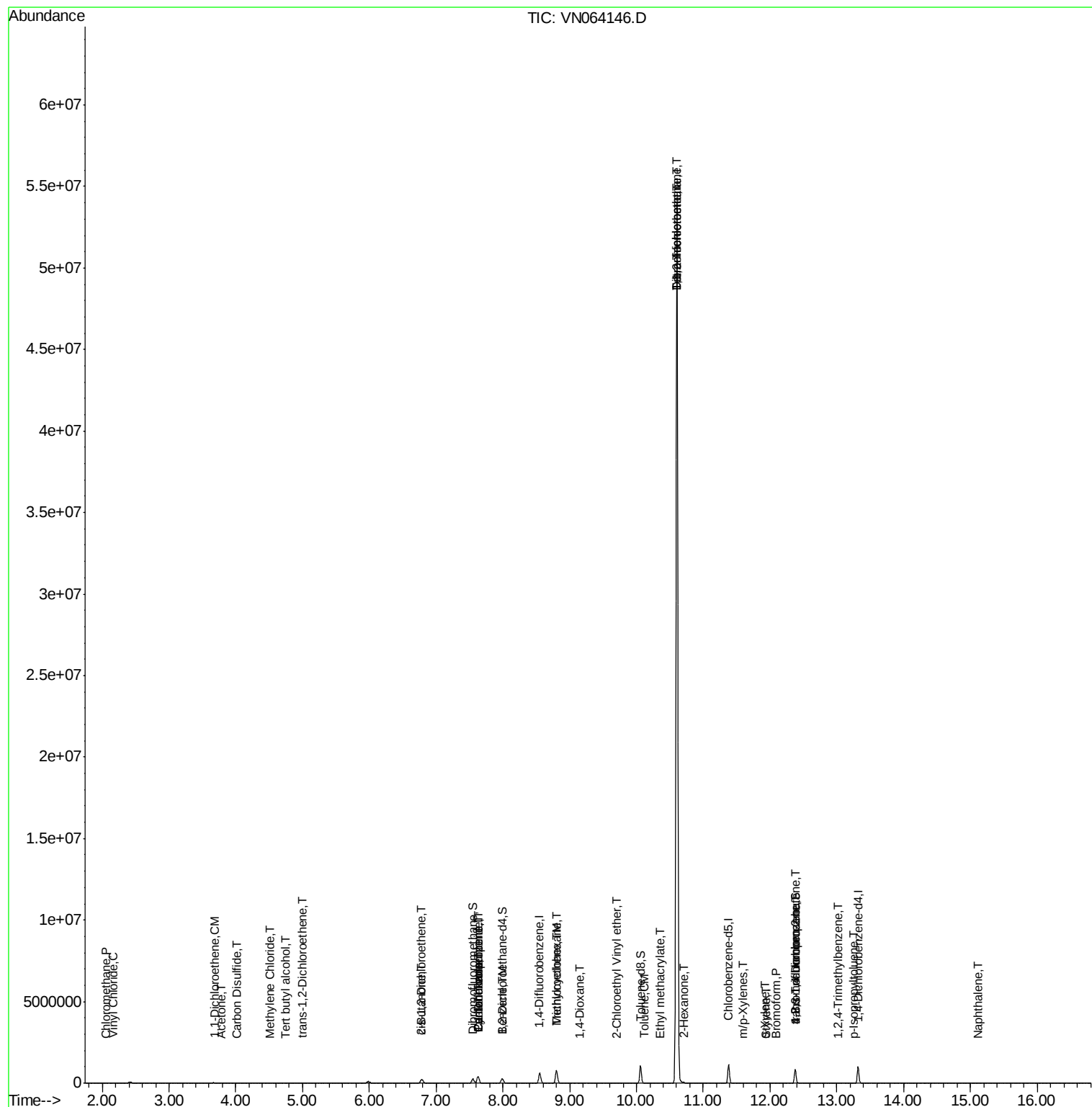
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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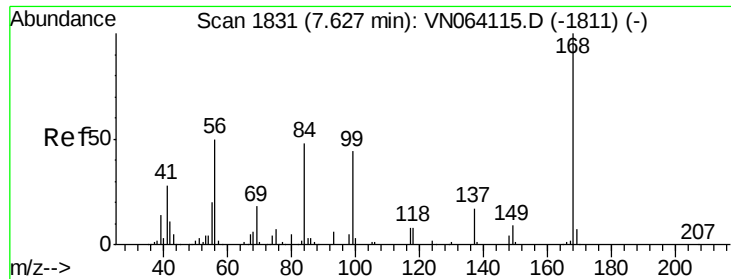
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

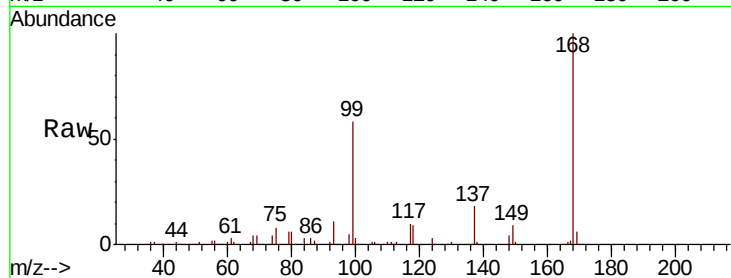
PB-2020-WW-000-02

Tot Ion:168 Resp: 316097

Ion Ratio Lower Upper

168 100

99 57.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN064115.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064115.D (-1811) (-)

7.63

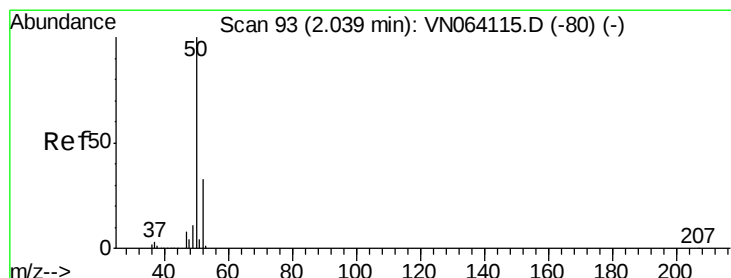
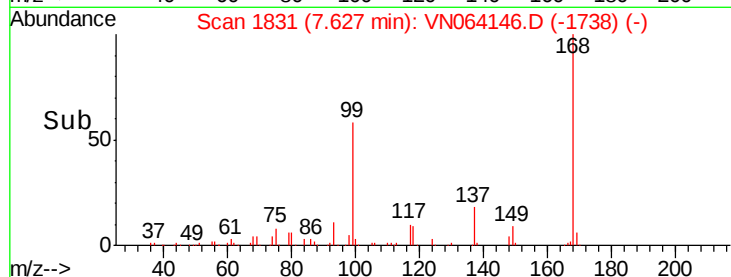
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.477 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064146.D

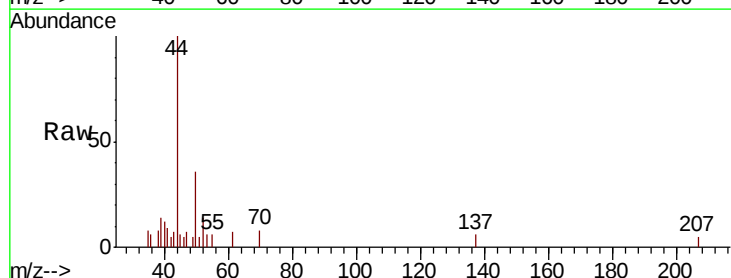
Acq: 15 Oct 2020 16:19

Tgt Ion: 50 Resp: 1771

Ion Ratio Lower Upper

50 100

52 38.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN064115.D (-80) (-)

Ion 51.90 (51.60 to 52.60): VN064115.D (-80) (-)

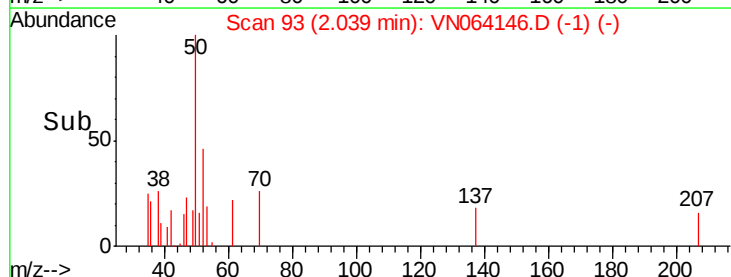
2.04

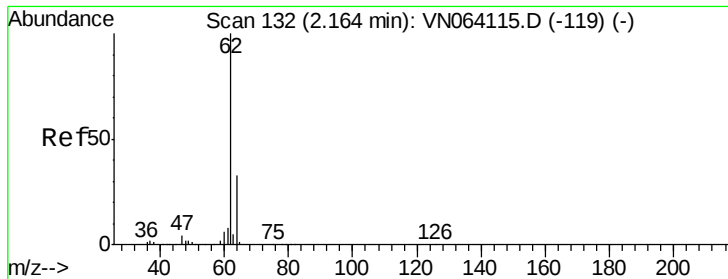
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 0.455 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

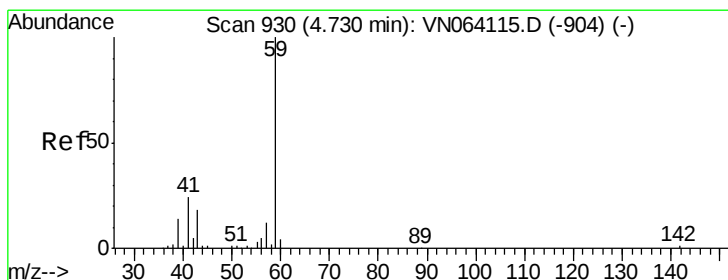
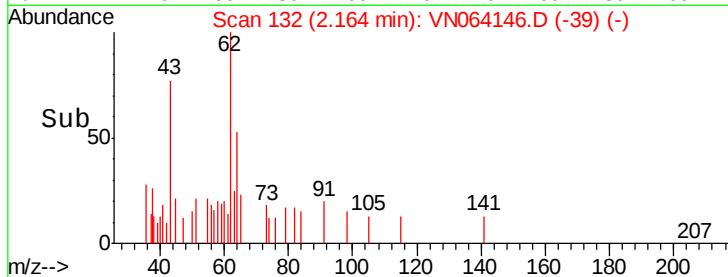
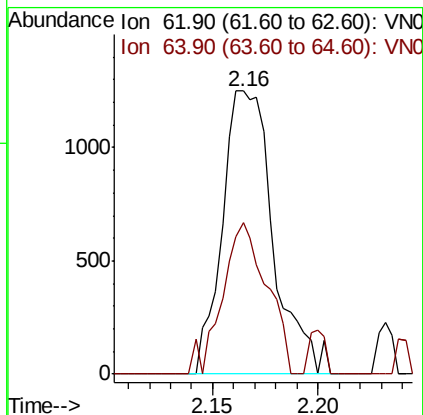
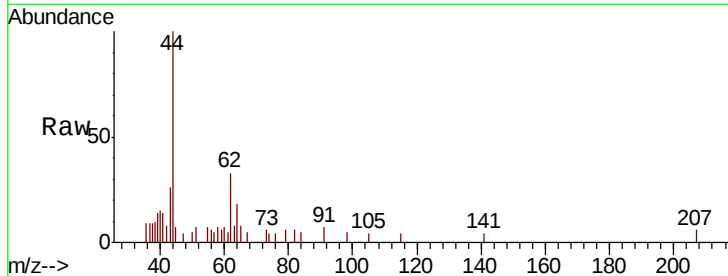
PB-2020-WW-000-02

Tot Ion: 62 Resp: 2099

Ion Ratio Lower Upper

62 100

64 53.4 26.2 39.4#



#11

Tert butyl alcohol

Concen: 0.626 ug/l

RT: 4.75 min Scan# 935

Delta R.T. 0.02 min

Lab File: VN064146.D

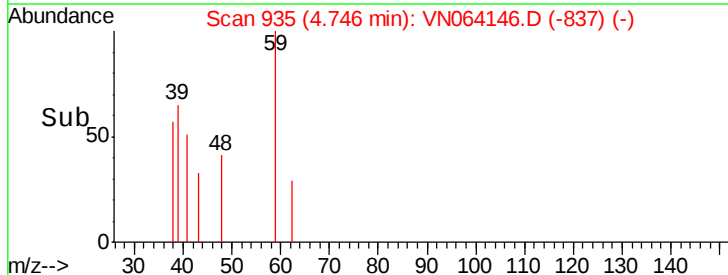
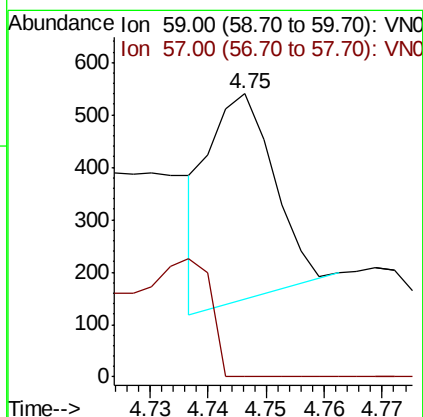
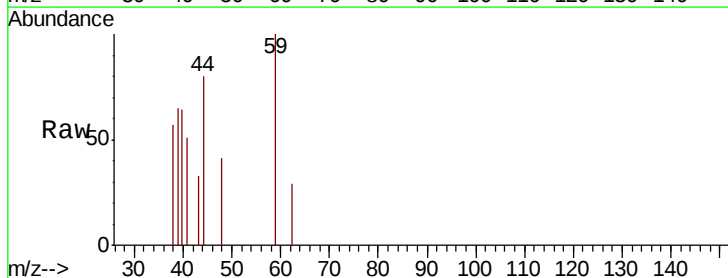
Acq: 15 Oct 2020 16:19

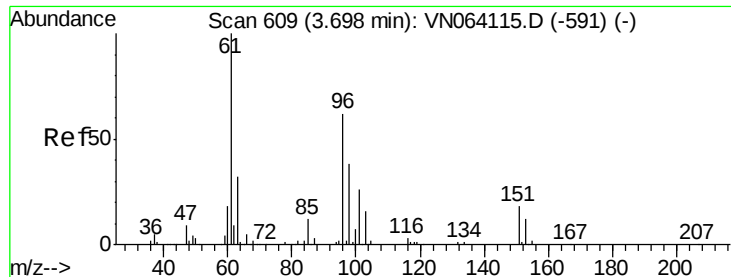
Tgt Ion: 59 Resp: 312

Ion Ratio Lower Upper

59 100

57 69.9 8.9 13.3#





#12

1,1-Dichloroethene

Concen: 1.166 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WW-000-02

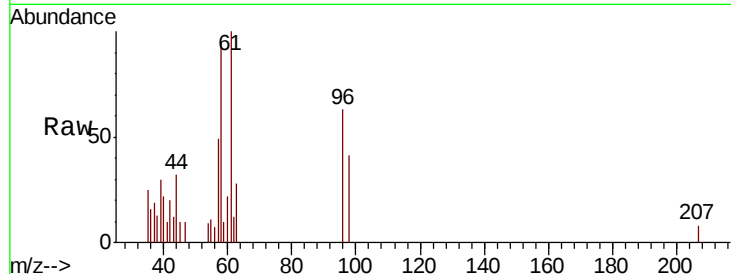
Tot Ion: 96 Resp: 3671

Ion Ratio Lower Upper

96 100

61 147.5 129.9 194.9

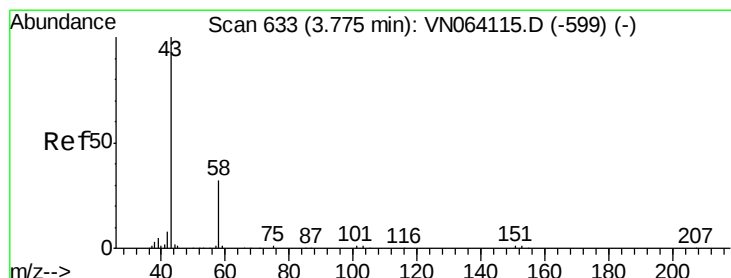
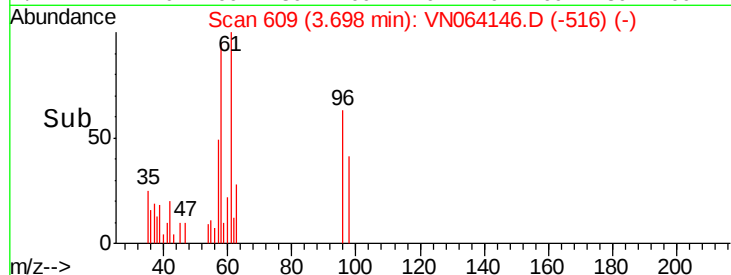
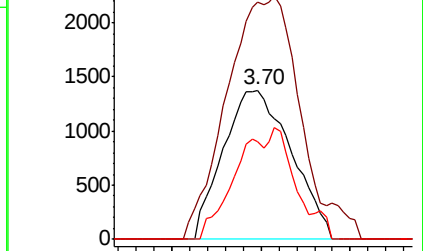
98 65.2 48.9 73.3



Abundance Ion 95.90 (95.60 to 96.60): VN064146.D (-516) (-)

Ion 60.90 (60.60 to 61.60): VN064146.D (-516) (-)

Ion 97.90 (97.60 to 98.60): VN064146.D (-516) (-)



#16

Acetone

Concen: 6.097 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064146.D

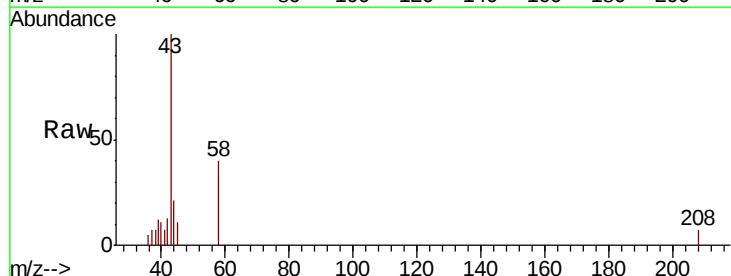
Acq: 15 Oct 2020 16:19

Tgt Ion: 43 Resp: 8142

Ion Ratio Lower Upper

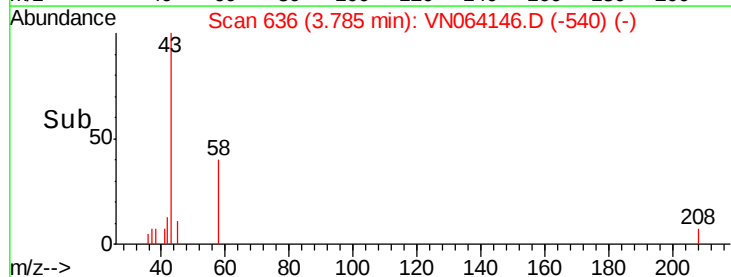
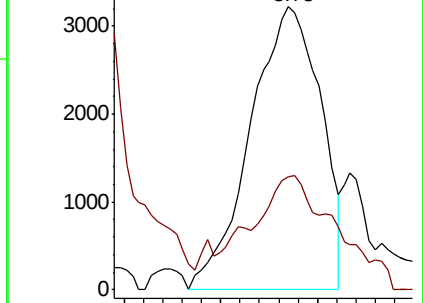
43 100

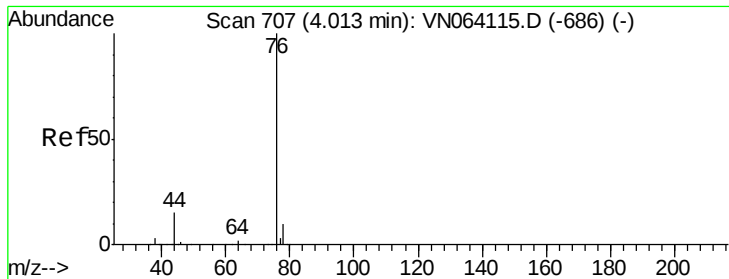
58 30.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN064146.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064146.D (-540) (-)





#17

Carbon Disulfide

Concen: 0.281 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

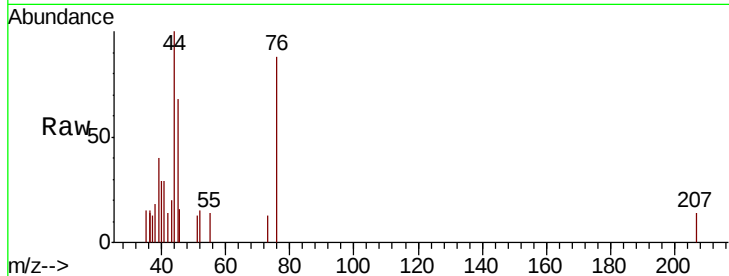
PB-2020-WW-000-02

Tot Ion: 76 Resp: 2533

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN064115.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN064115.D (-686) (-)

4.01

1200

1000

800

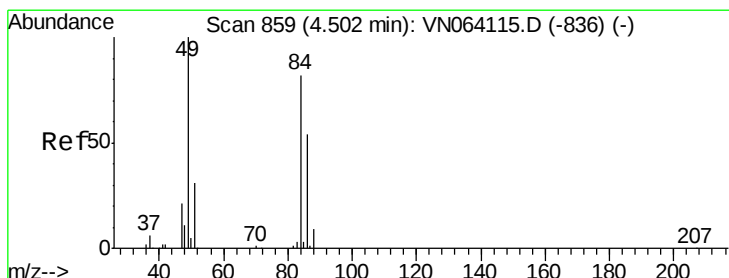
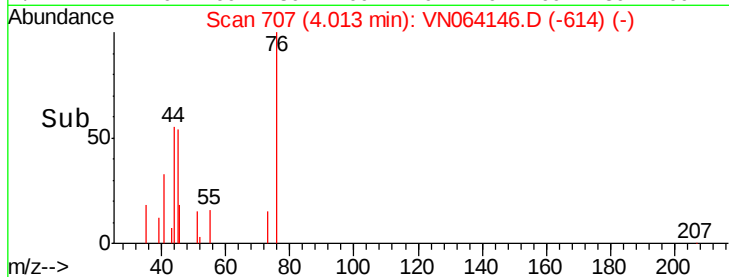
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 0.293 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Tgt Ion: 84 Resp: 1210

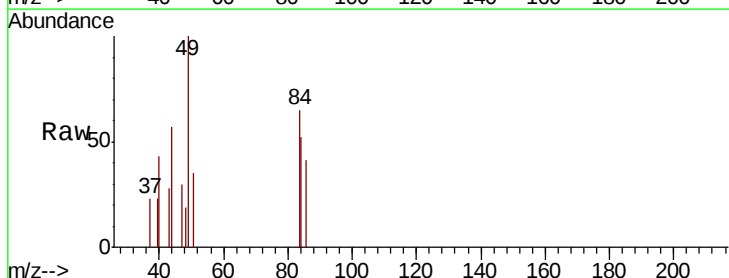
Ion Ratio Lower Upper

84 100

49 70.4 97.4 146.0#

51 30.0 29.7 44.5

86 35.0 52.5 78.7#



Abundance Ion 83.90 (83.60 to 84.60): VN064115.D (-836) (-)

Ion 48.90 (48.60 to 49.60): VN064115.D (-836) (-)

Ion 50.90 (50.60 to 51.60): VN064115.D (-836) (-)

Ion 85.90 (85.60 to 86.60): VN064115.D (-836) (-)

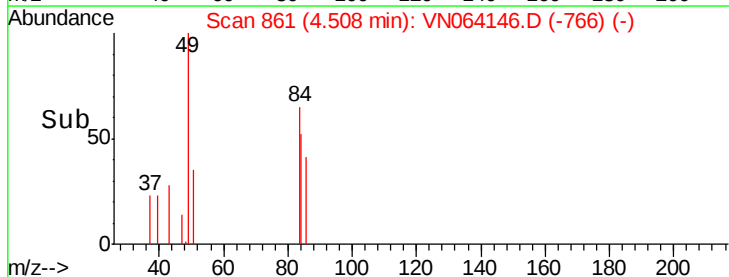
1500

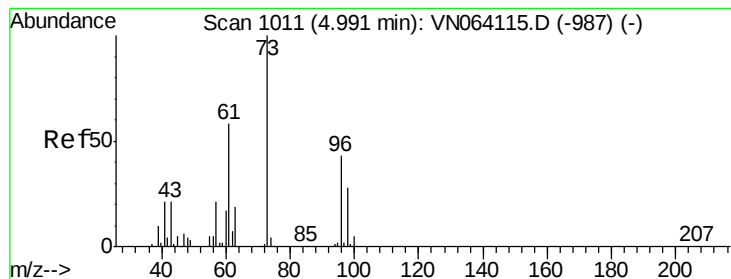
1000

500

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 4.717 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

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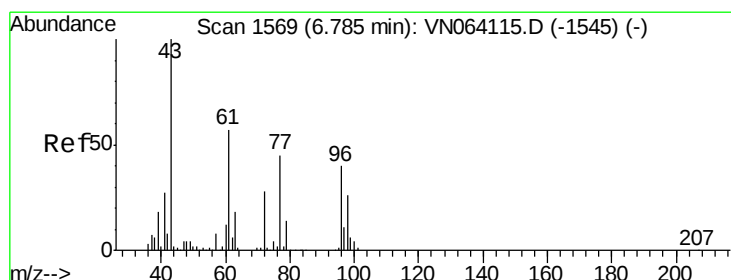
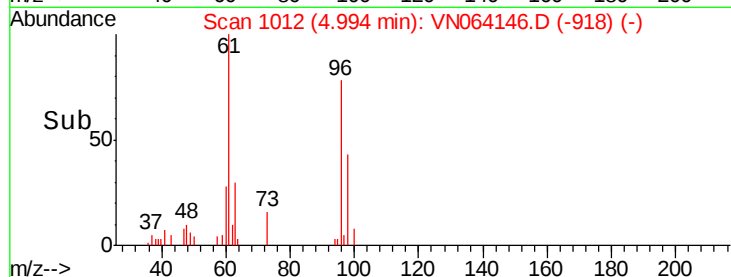
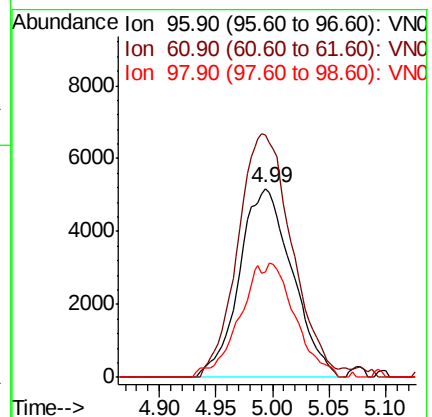
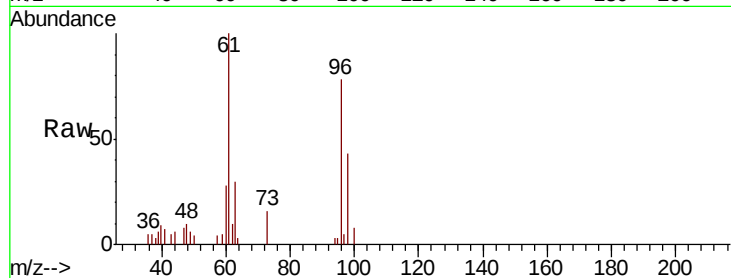
Tot Ion: 96 Resp: 16835

Ion Ratio Lower Upper

96 100

61 128.5 107.0 160.4

98 55.6 51.0 76.6



#25

2-Butanone

Concen: 0.273 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064146.D

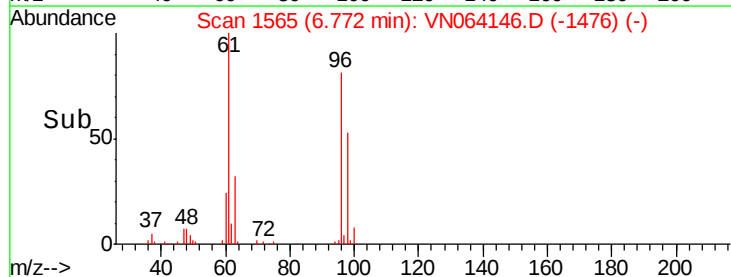
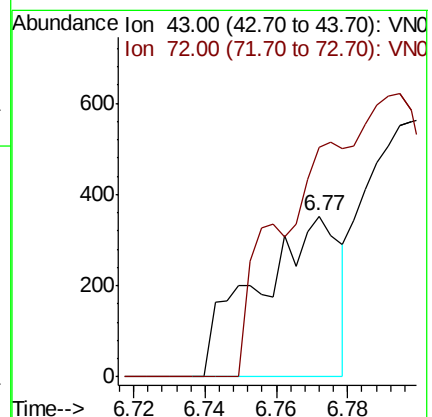
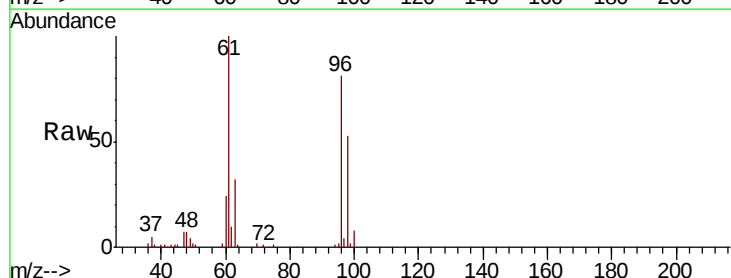
Acq: 15 Oct 2020 16:19

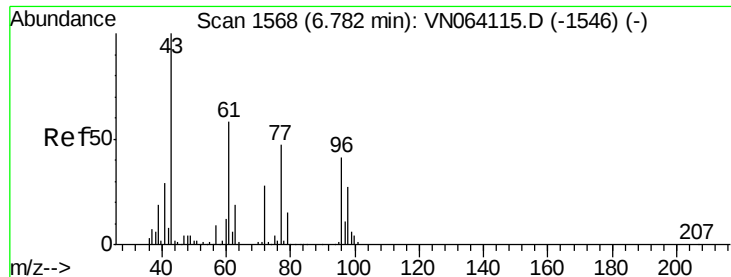
Tgt Ion: 43 Resp: 560

Ion Ratio Lower Upper

43 100

72 142.5 22.2 33.2#





#27

cis-1,2-Dichloroethene

Concen: 35.914 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

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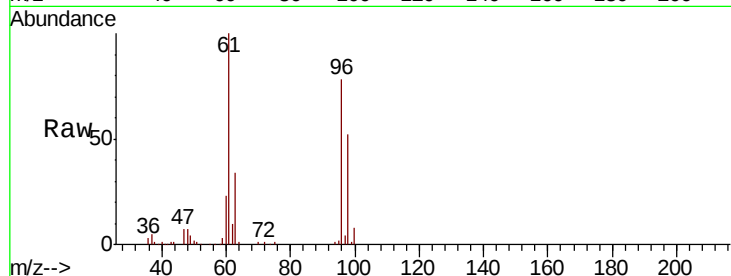
Tot Ion: 96 Resp: 150801

Ion Ratio Lower Upper

96 100

61 124.7 0.0 285.6

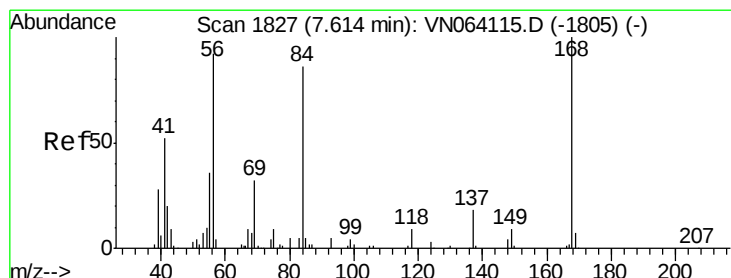
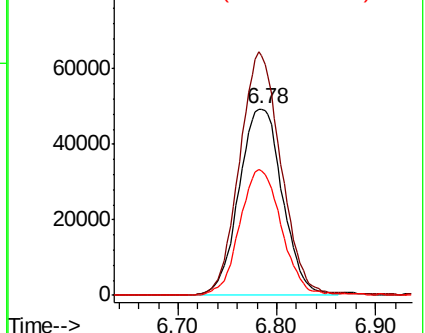
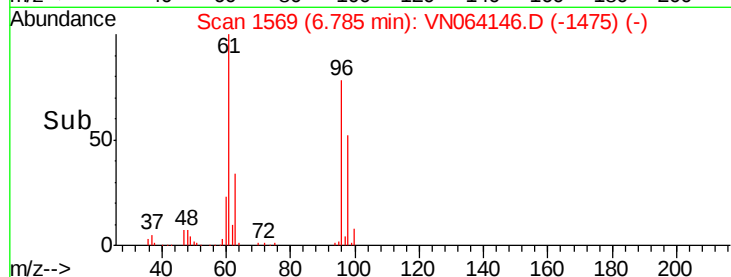
98 64.8 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#31

Cyclohexane

Concen: 1.496 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

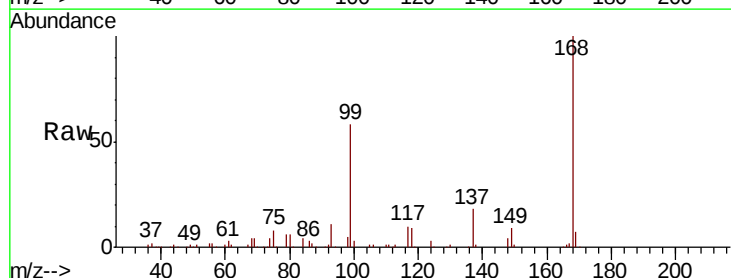
Tgt Ion: 56 Resp: 7444

Ion Ratio Lower Upper

56 100

69 156.1 27.8 41.6#

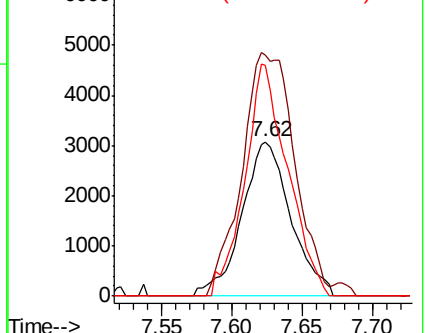
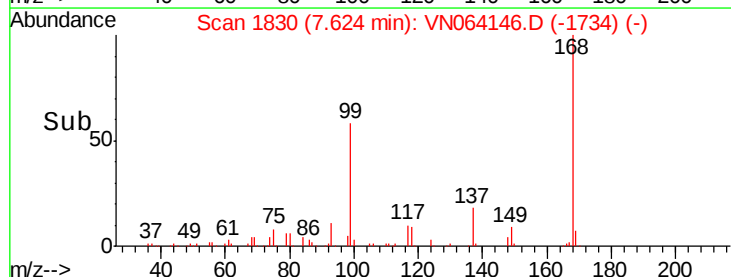
84 149.7 73.2 109.8#

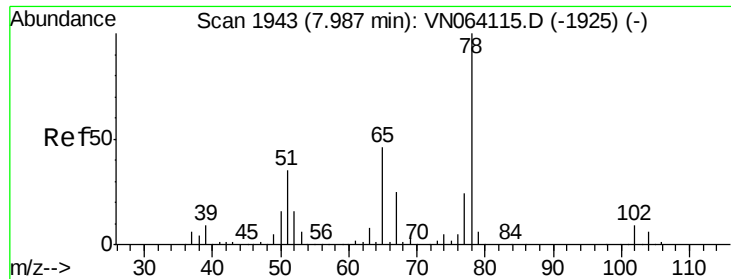


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

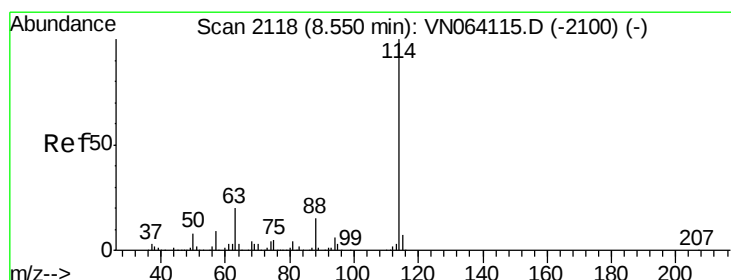
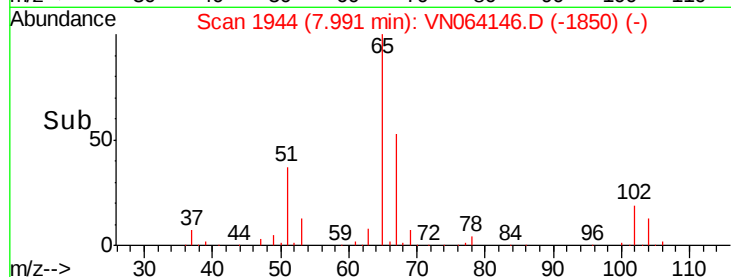
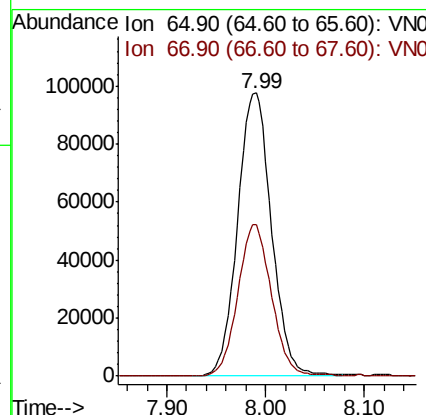
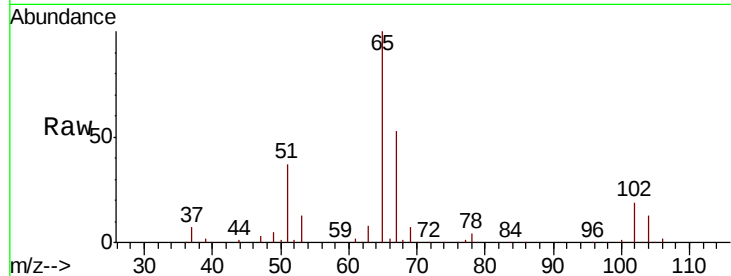




#33
 1,2-Dichloroethane-d4
 Concen: 51.790 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064146.D
 Acq: 15 Oct 2020 16:19

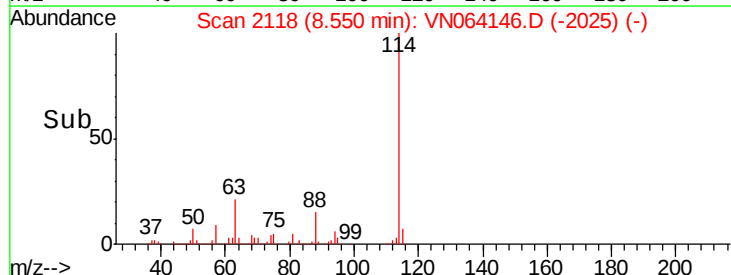
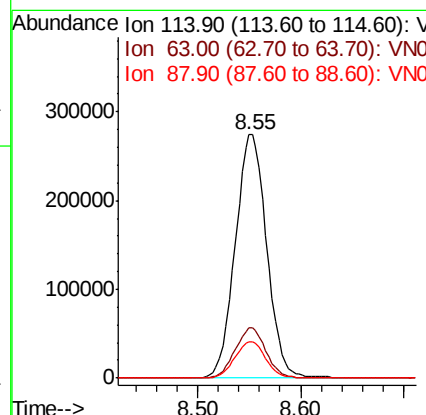
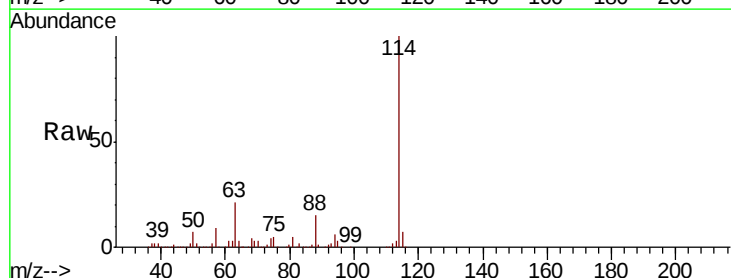
Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WW-000-02

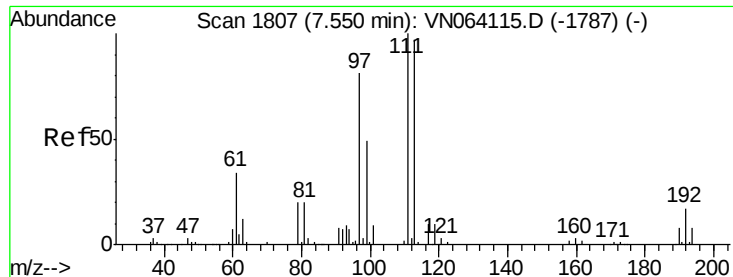
Tot Ion: 65 Resp: 233150
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064146.D
 Acq: 15 Oct 2020 16:19

Tgt Ion: 114 Resp: 582433
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.0
 88 15.1 0.0 29.2

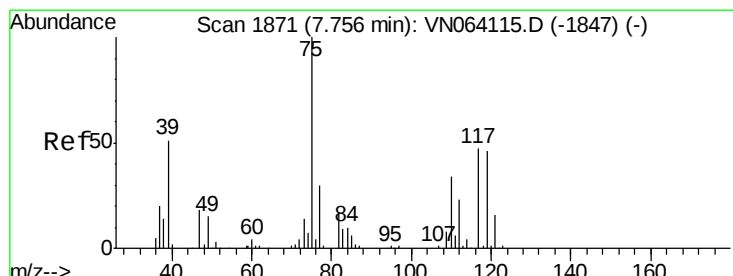
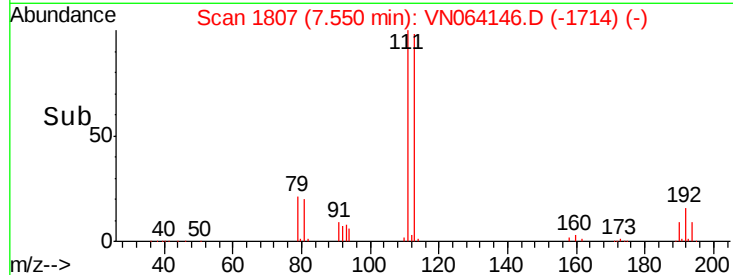
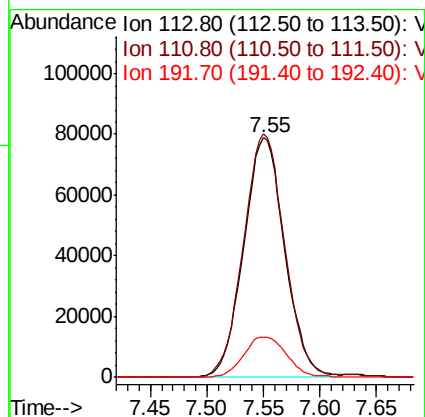
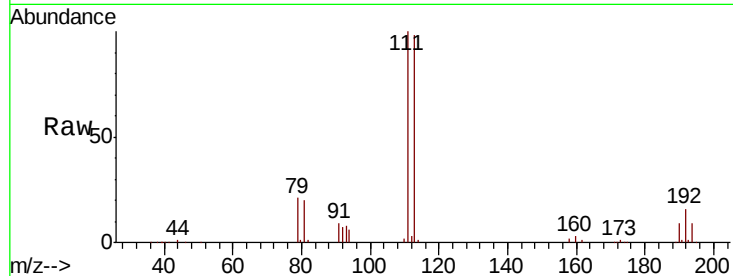




#35
 Dibromofluoromethane
 Concen: 49.382 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064146.D
 Acq: 15 Oct 2020 16:19

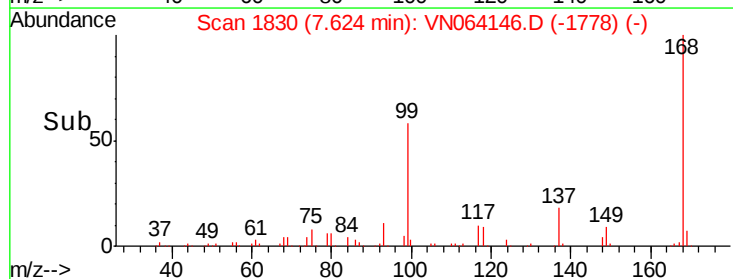
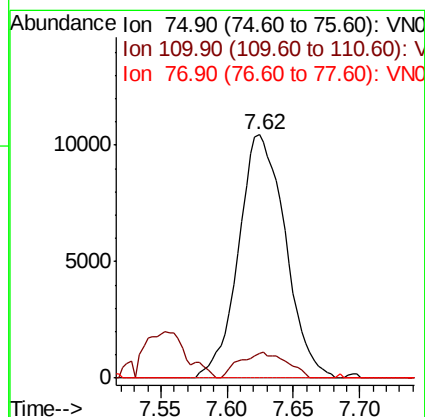
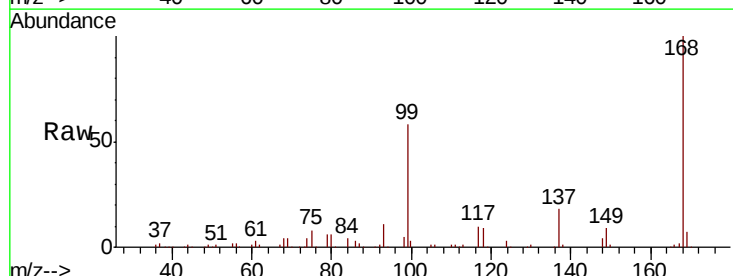
Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WW-000-02

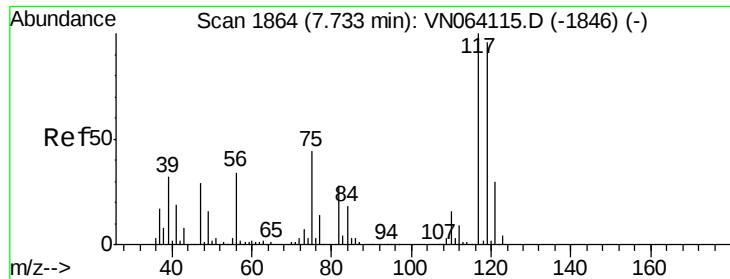
Tot Ion:113 Resp: 199075
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 17.7 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.566 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064146.D
 Acq: 15 Oct 2020 16:19

Tgt Ion: 75 Resp: 25632
 Ion Ratio Lower Upper
 75 100
 110 10.6 17.8 53.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.333 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WW-000-02

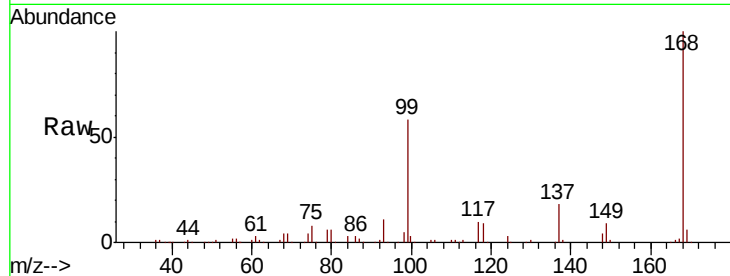
Tot Ion:117 Resp: 32195

Ion Ratio Lower Upper

117 100

119 4.9 77.0 115.4#

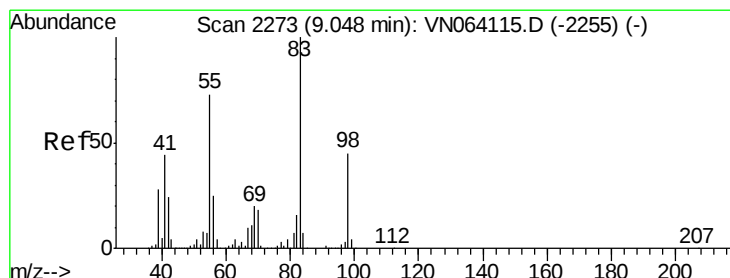
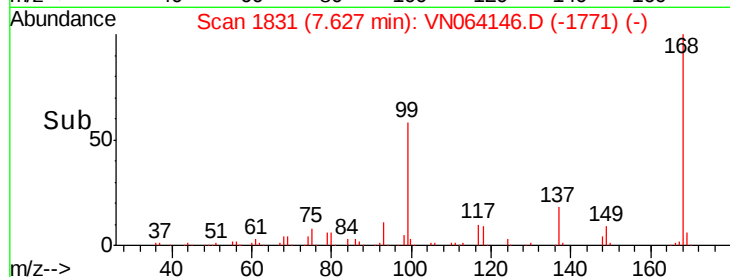
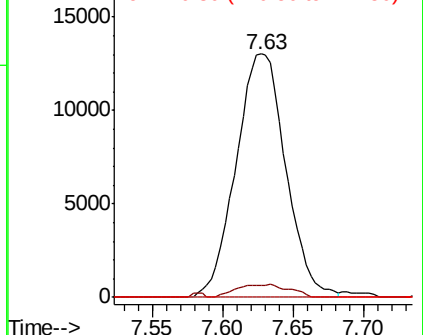
121 0.0 24.2 36.4#



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



#39

Methylcyclohexane

Concen: 1.007 ug/l

RT: 8.81 min Scan# 2198

Delta R.T. -0.24 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

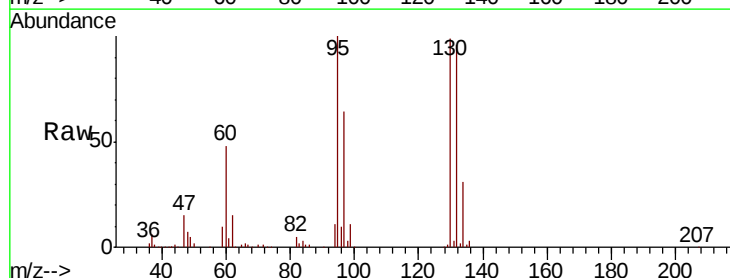
Tgt Ion: 83 Resp: 4751

Ion Ratio Lower Upper

83 100

55 7.9 58.5 87.7#

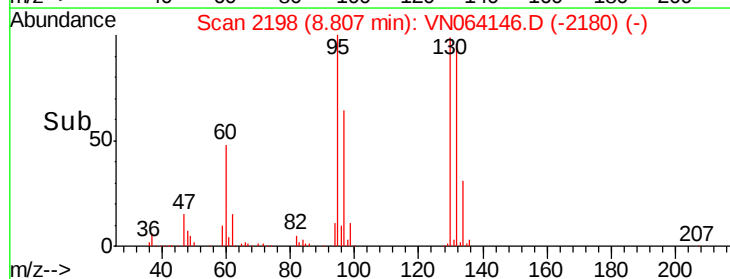
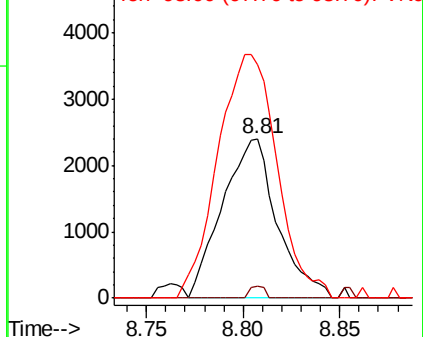
98 146.5 36.2 54.2#

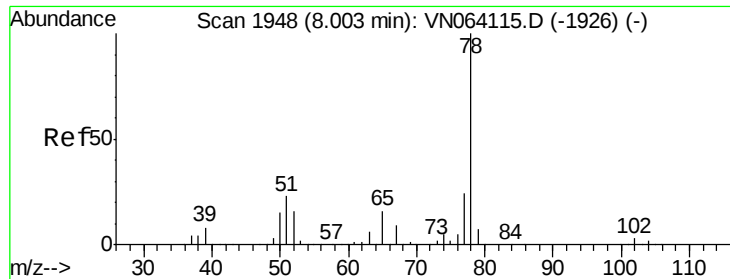


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 0.863 ug/l

RT: 8.01 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

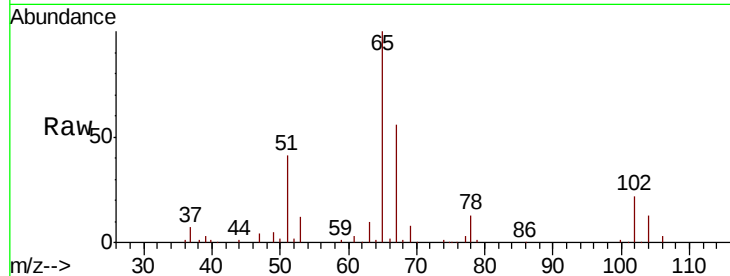
PB-2020-WW-000-02

Tot Ion: 78 Resp: 14668

Ion Ratio Lower Upper

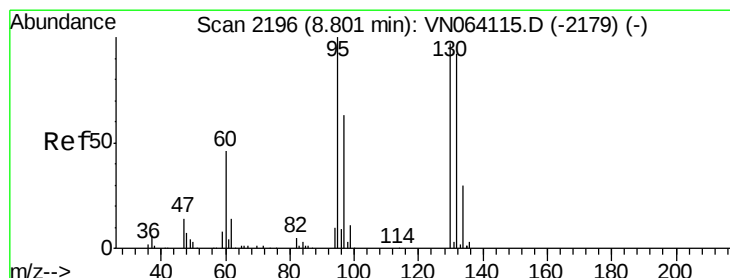
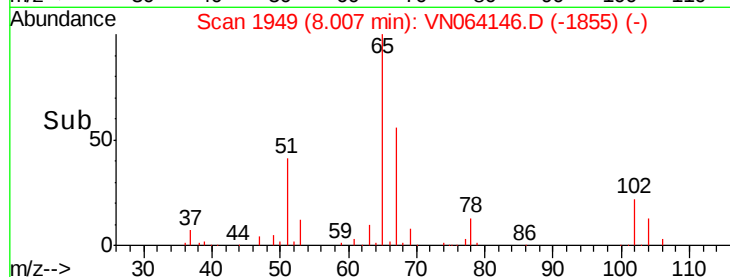
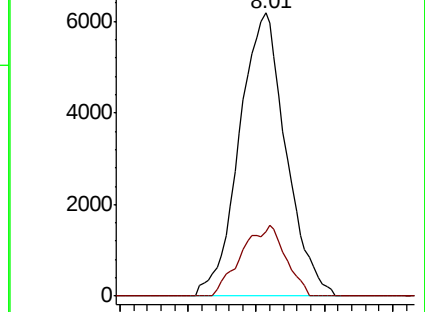
78 100

77 22.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN064115.D (-1926) (-)

Ion 77.00 (76.70 to 77.70): VN064115.D (-1926) (-)



#44

Trichloroethene

Concen: 62.707 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064146.D

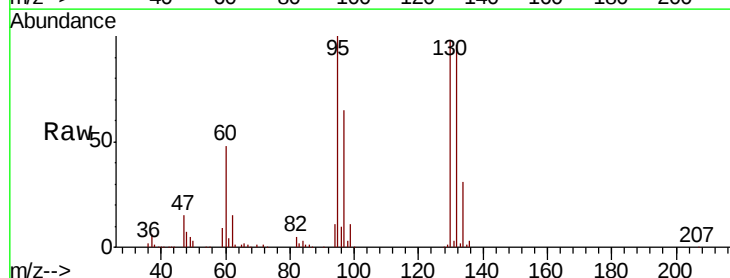
Acq: 15 Oct 2020 16:19

Tgt Ion:130 Resp: 280322

Ion Ratio Lower Upper

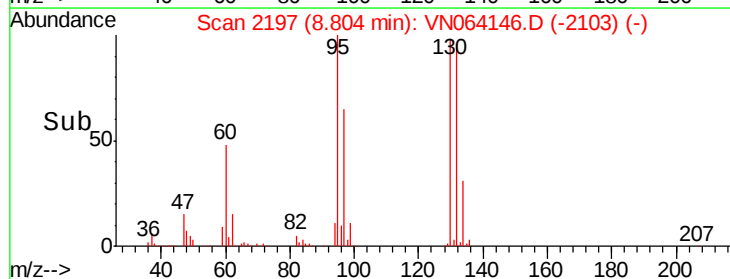
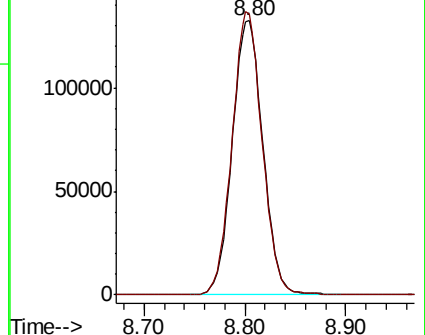
130 100

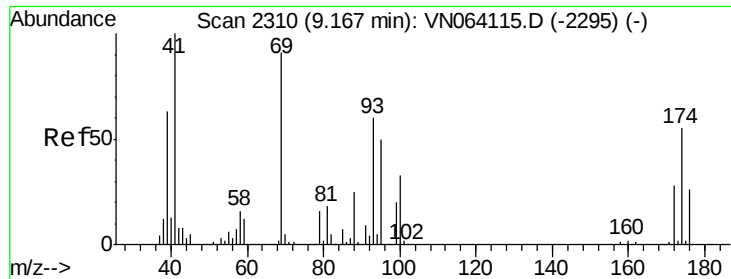
95 102.3 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): VN064115.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064115.D (-2179) (-)

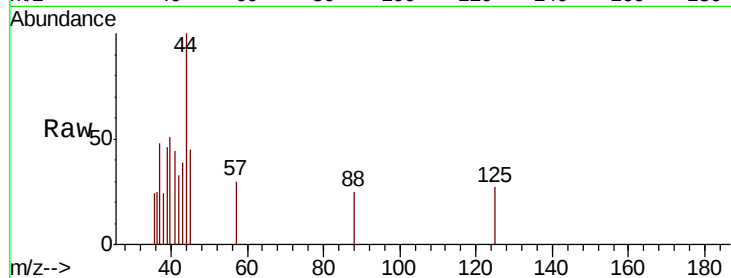




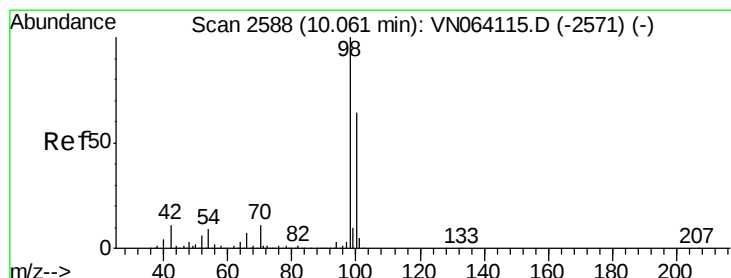
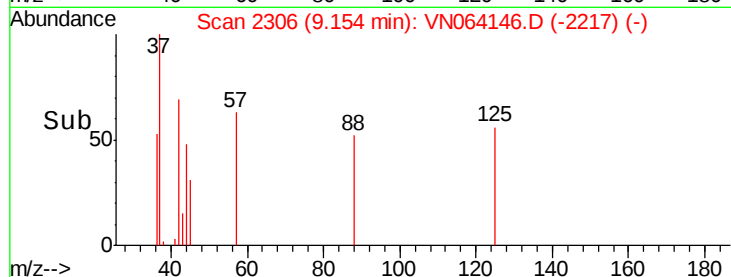
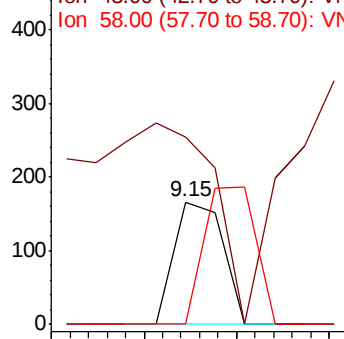
#49
1,4-Dioxane
Concen: 1.052 ug/l
RT: 9.15 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN064146.D
Acq: 15 Oct 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WW-000-02

Tot Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 27.2 40.8#
58 118.0 52.6 78.8#

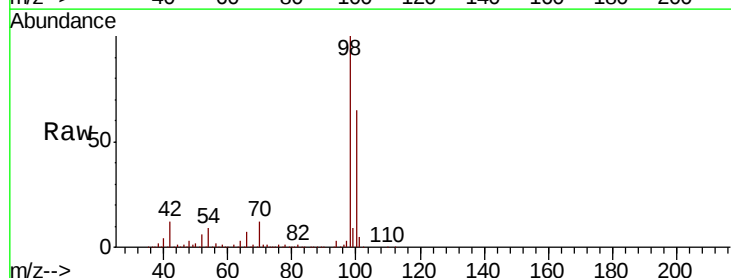


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

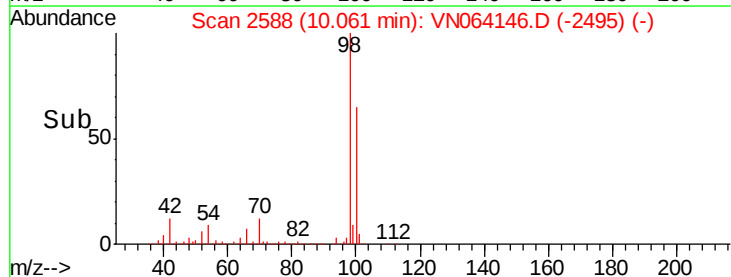
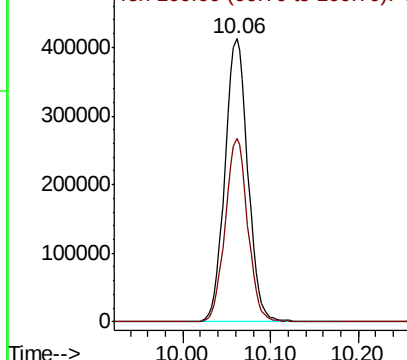


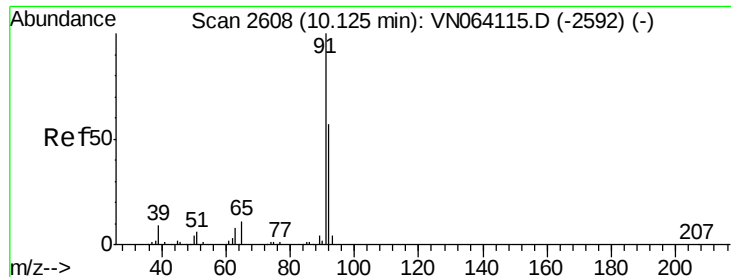
#50
Toluene-d8
Concen: 49.520 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064146.D
Acq: 15 Oct 2020 16:19

Tgt Ion: 98 Resp: 753233
Ion Ratio Lower Upper
98 100
100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 0.387 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

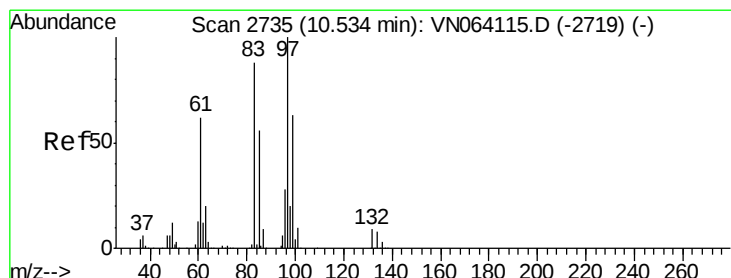
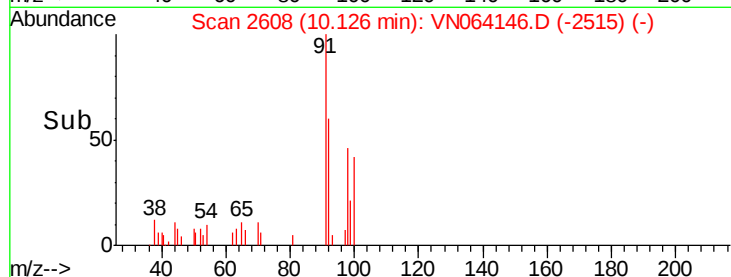
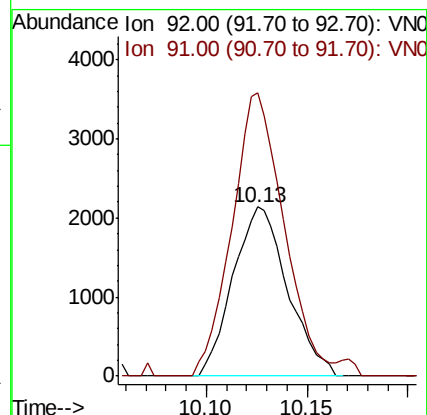
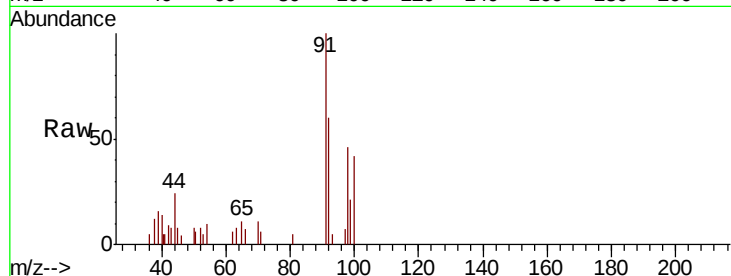
PB-2020-WW-000-02

Tot Ion: 92 Resp: 4038

Ion Ratio Lower Upper

92 100

91 159.2 141.2 211.8



#55

1,1,2-Trichloroethane

Concen: 46.709 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.07 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Tgt Ion: 97 Resp: 202134

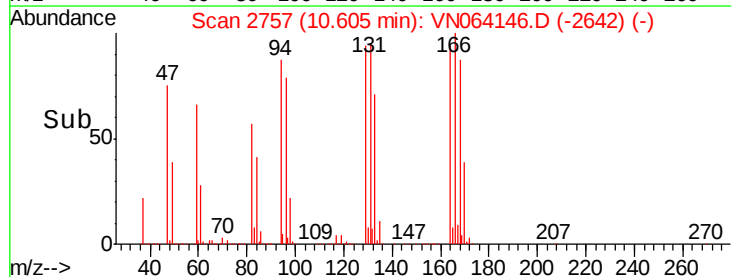
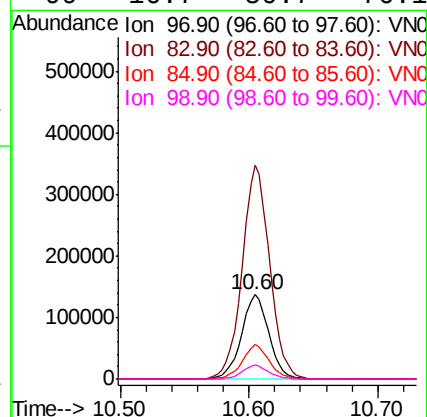
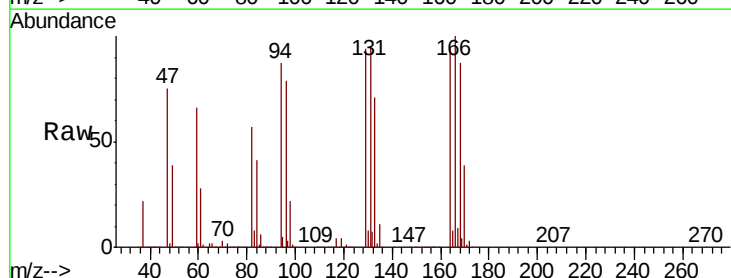
Ion Ratio Lower Upper

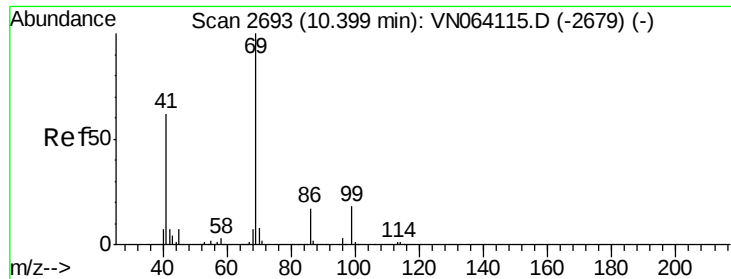
97 100

83 253.1 70.2 105.4#

85 40.4 45.0 67.6#

99 16.7 50.7 76.1#





#56

Ethyl methacrylate

Concen: 2.315 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.05 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WW-000-02

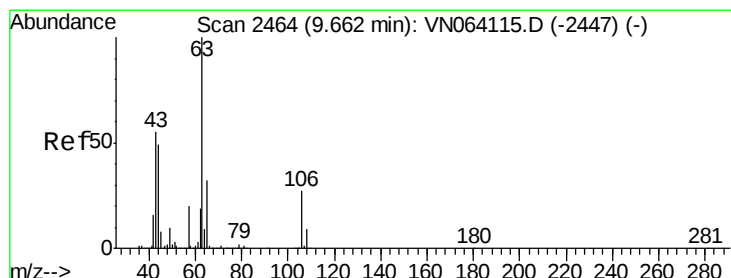
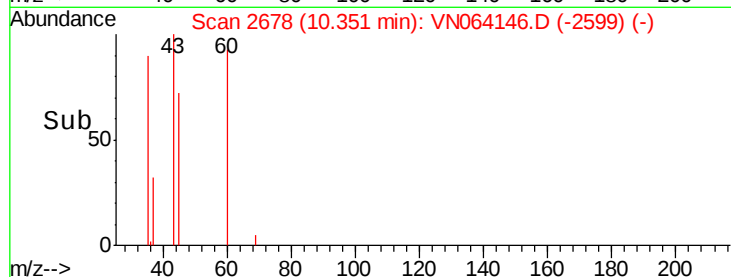
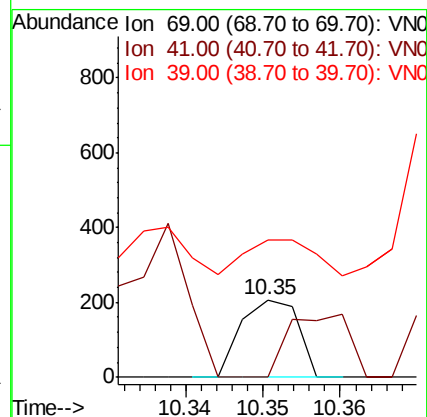
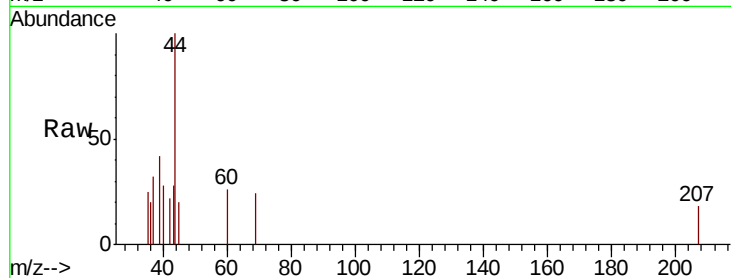
Tot Ion: 69 Resp: 106

Ion Ratio Lower Upper

69 100

41 0.0 49.3 73.9#

39 56.6 32.7 49.1#



#58

2-Chloroethyl Vinyl ether

Concen: 12.238 ug/l

RT: 9.72 min Scan# 2481

Delta R.T. 0.06 min

Lab File: VN064146.D

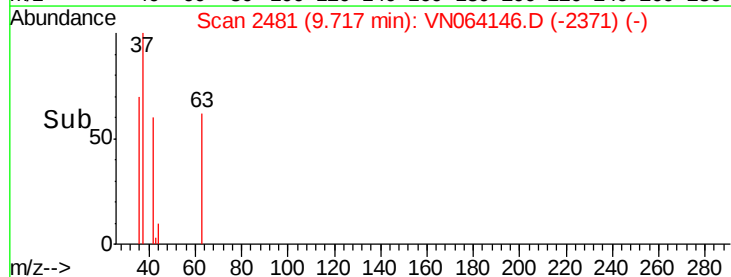
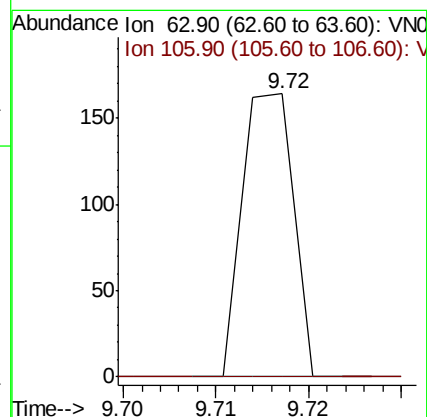
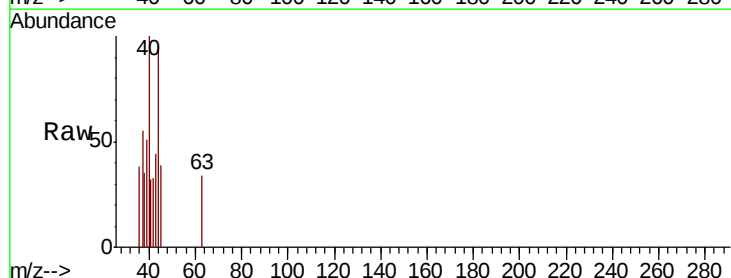
Acq: 15 Oct 2020 16:19

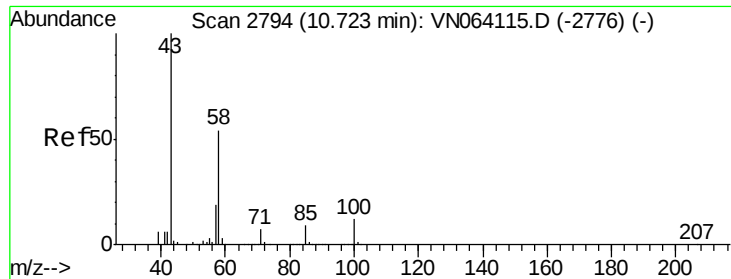
Tgt Ion: 63 Resp: 63

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.6#

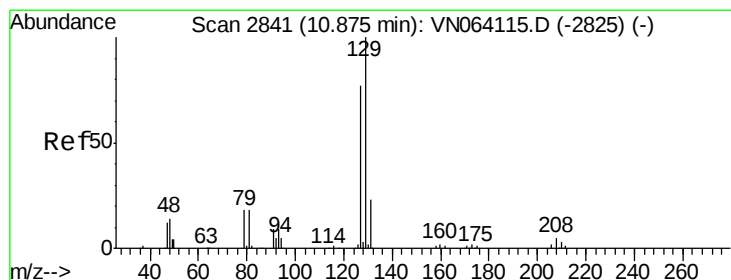
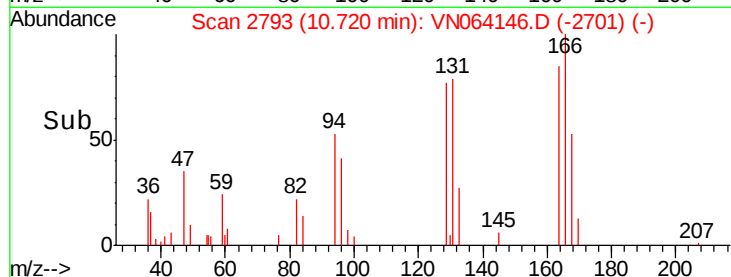
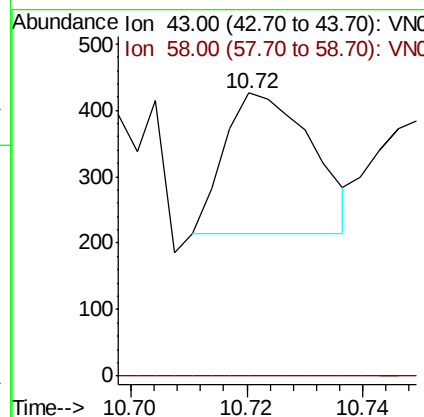
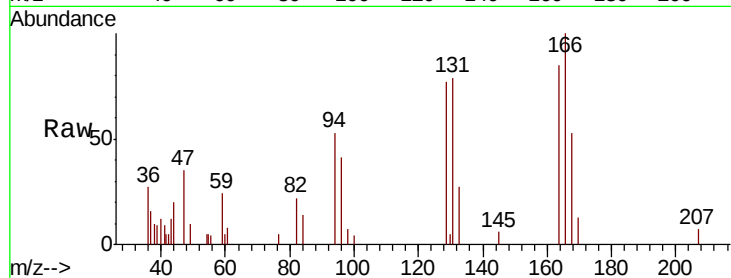




#59
2-Hexanone
Concen: 6.895 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064146.D
Acq: 15 Oct 2020 16:19

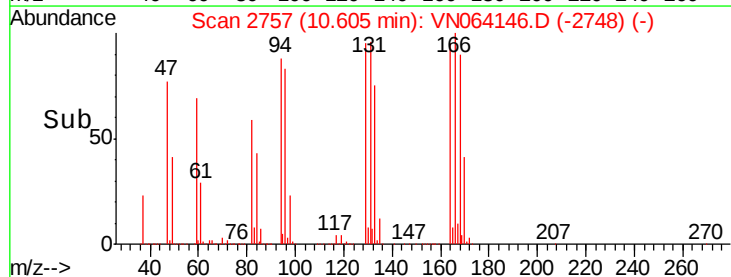
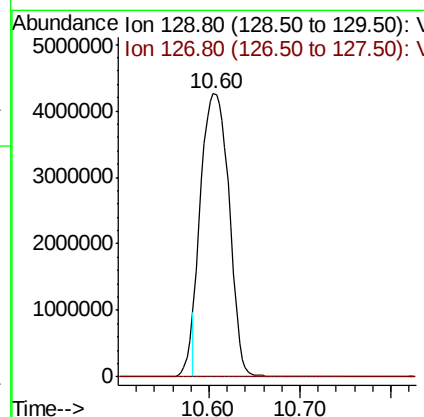
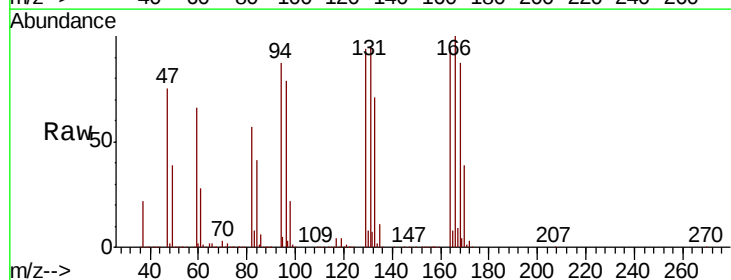
Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WW-000-02

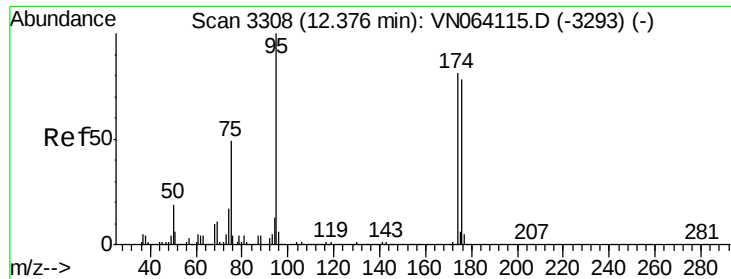
Tot Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 0.0 27.2 81.6#



#60
Dibromochloromethane
Concen: 1876.067 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. -0.27 min
Lab File: VN064146.D
Acq: 15 Oct 2020 16:19

Tgt Ion: 129 Resp: 9119748
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#

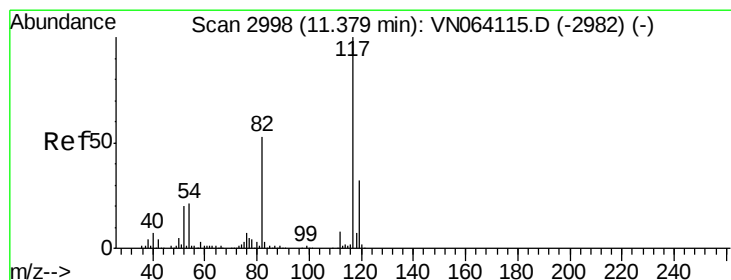
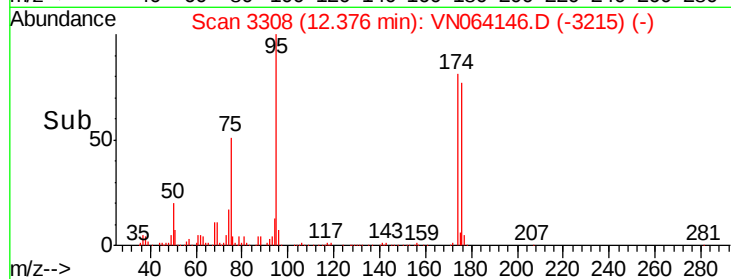
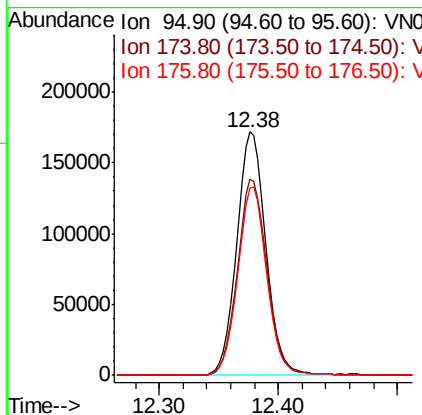
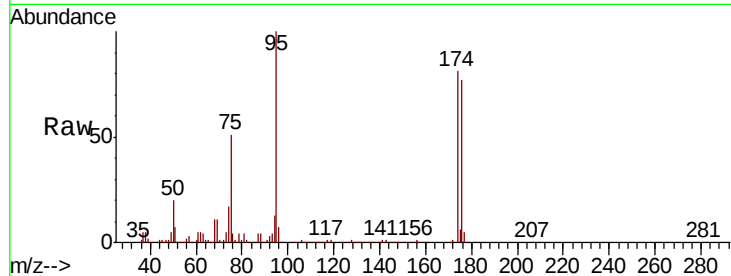




#62
4-Bromofluorobenzene
Concen: 55.609 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064146.D
Acq: 15 Oct 2020 16:19

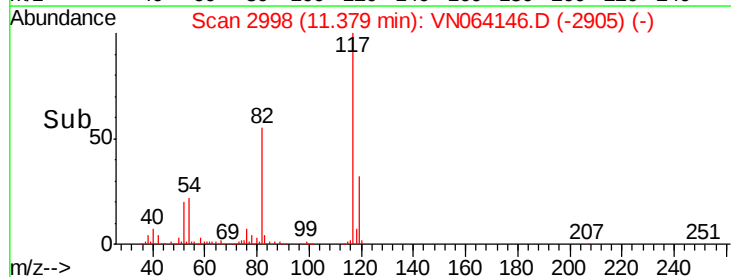
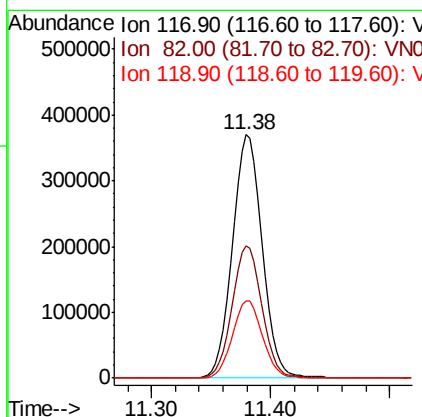
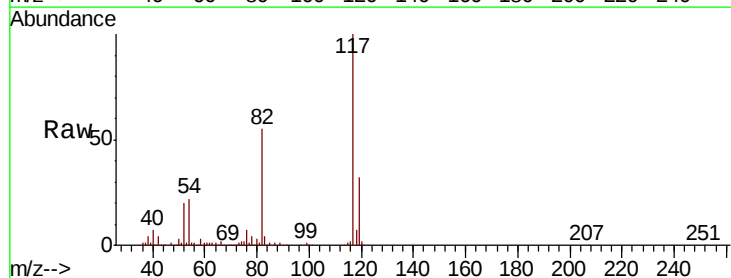
Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WW-000-02

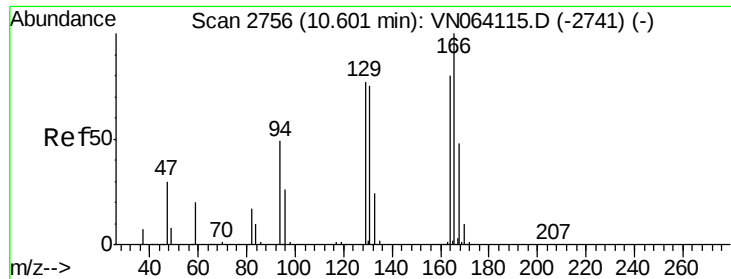
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	164.8
176	77.6	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064146.D
Acq: 15 Oct 2020 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.6	63.8
119	32.0	25.5	38.3





#64

Tetrachloroethene

Concen: 1959.449 ug/l

RT: 10.61 min Scan# 2758

Delta R.T. 0.01 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WW-000-02

Tot Ion:164 Resp: 9484949

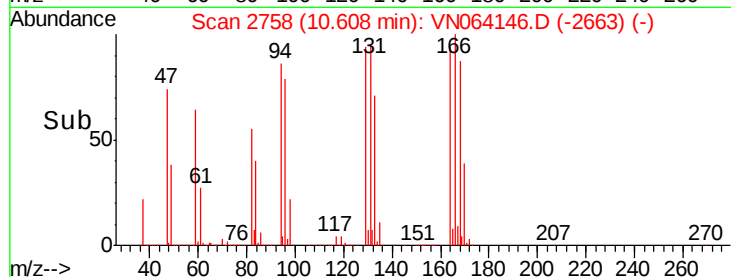
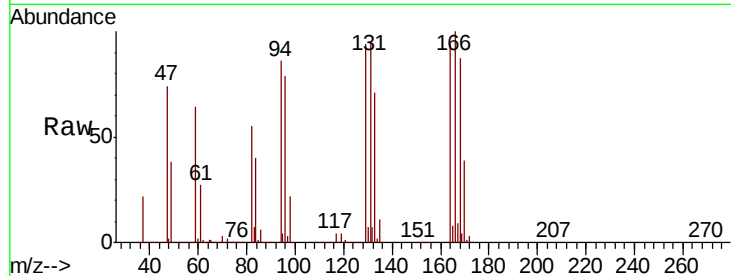
Ion Ratio Lower Upper

164 100

166 106.3 99.7 149.5

129 100.0 77.0 115.4

131 100.8 74.6 111.8

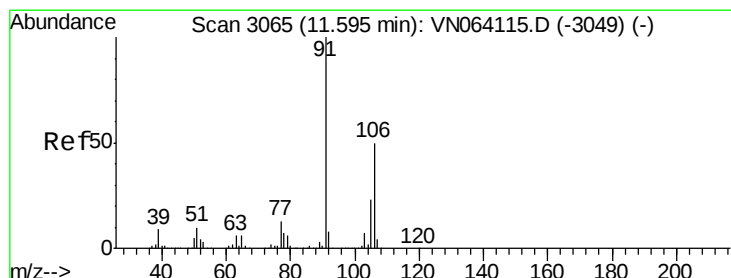
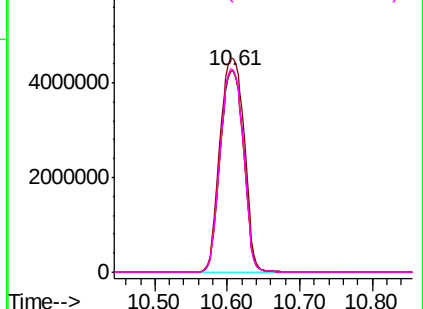


Abundance Ion 163.80 (163.50 to 164.50): V

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



#68

m/p-Xylenes

Concen: 2.429 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064146.D

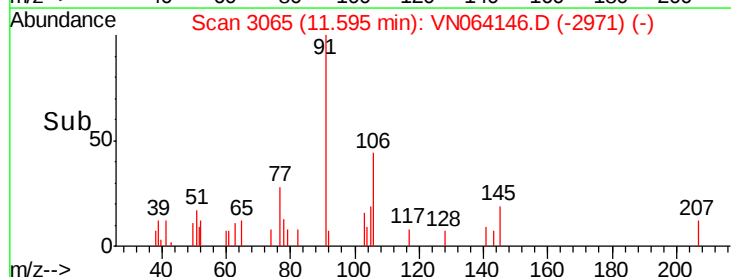
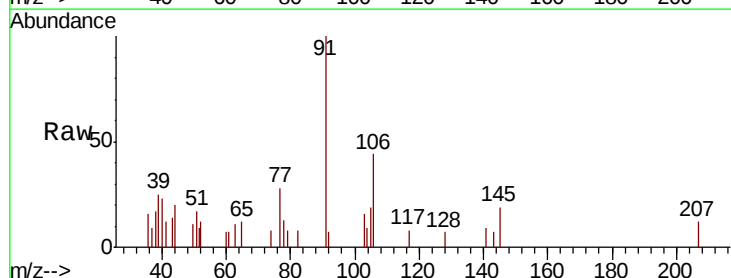
Acq: 15 Oct 2020 16:19

Tgt Ion:106 Resp: 2264

Ion Ratio Lower Upper

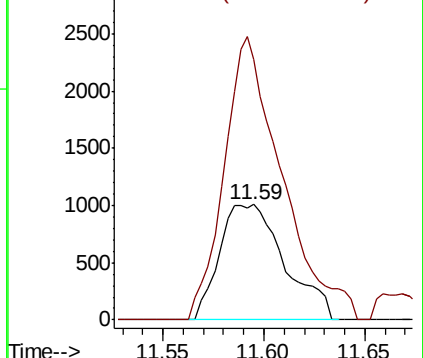
106 100

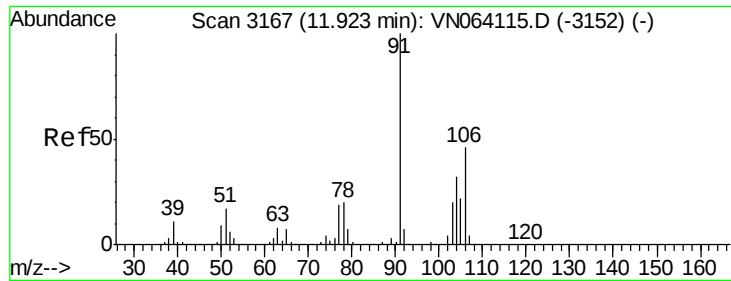
91 219.0 162.1 243.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

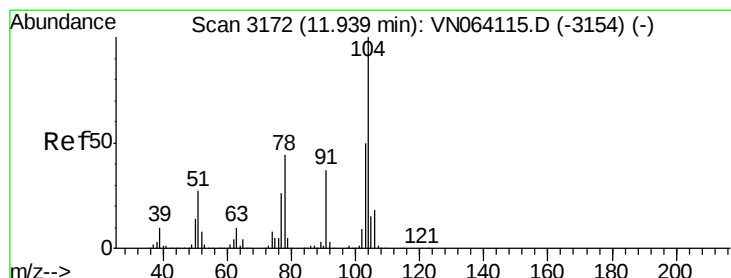
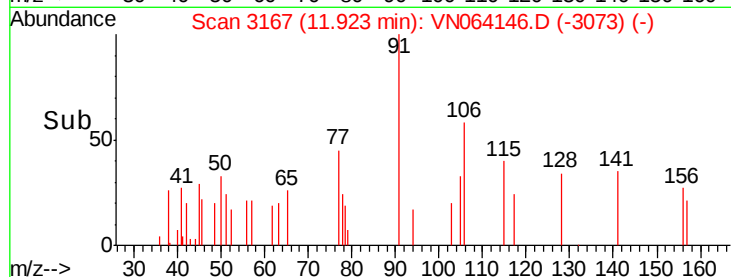
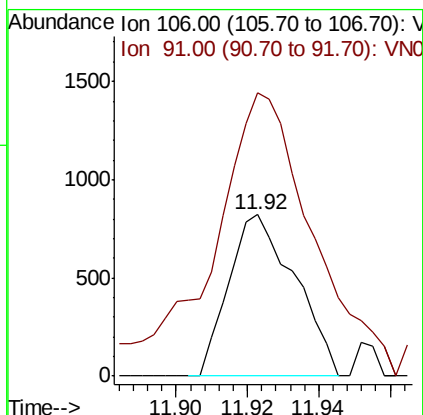
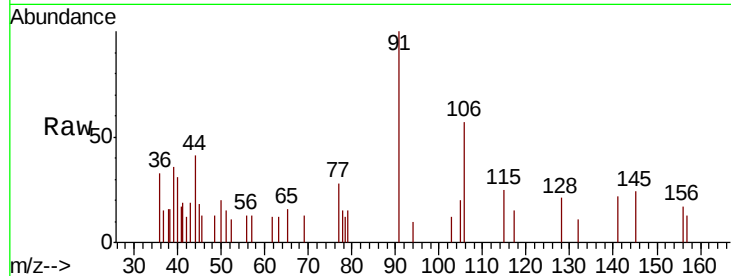




#69
o-Xylene
Concen: 1.697 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064146.D
Acq: 15 Oct 2020 16:19

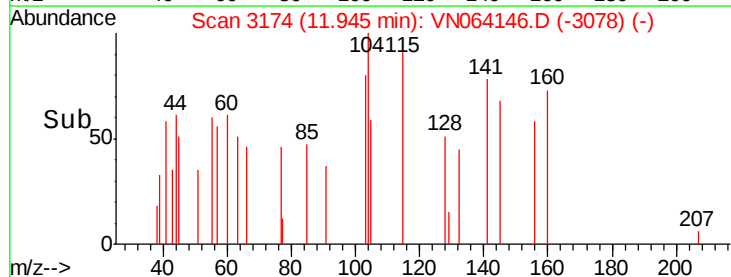
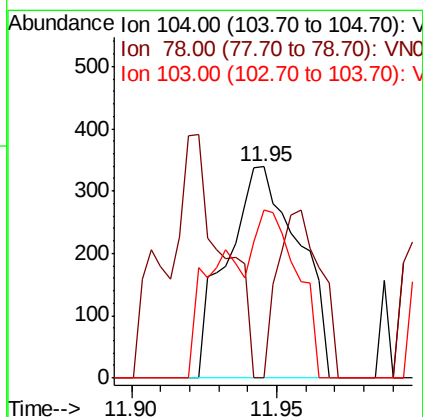
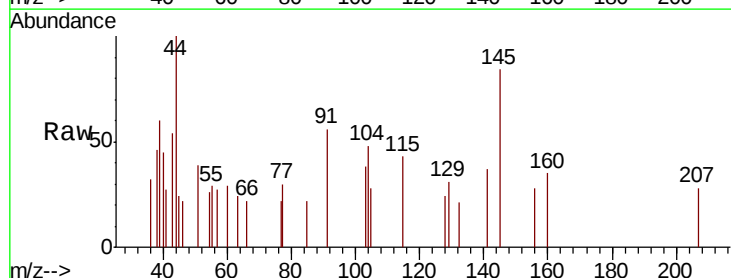
Instrument :
MSVOA_N
ClientSampleId :
PB-2020-WW-000-02

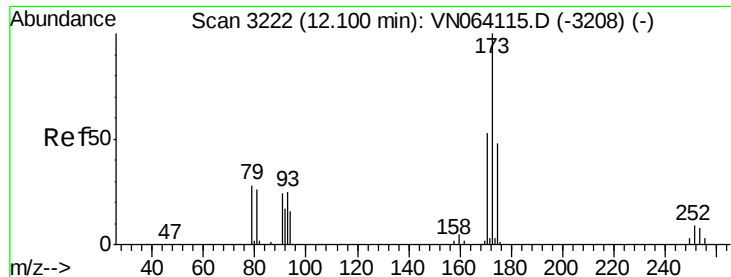
Tot Ion:106 Resp: 1054
Ion Ratio Lower Upper
106 100
91 265.4 107.6 322.8



#70
Styrene
Concen: 2.073 ug/l
RT: 11.95 min Scan# 3174
Delta R.T. 0.01 min
Lab File: VN064146.D
Acq: 15 Oct 2020 16:19

Tgt Ion:104 Resp: 585
Ion Ratio Lower Upper
104 100
78 47.0 39.7 59.5
103 48.9 44.2 66.2





#71

Bromoform

Concen: 2.394 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WW-000-02

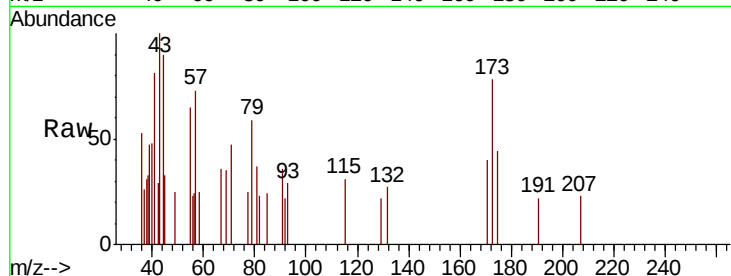
Tot Ion:173 Resp: 725

Ion Ratio Lower Upper

173 100

175 0.0 23.4 70.2#

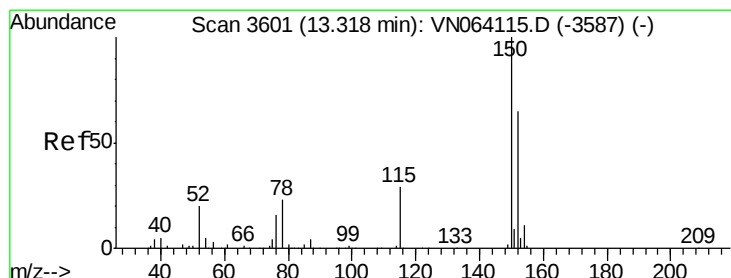
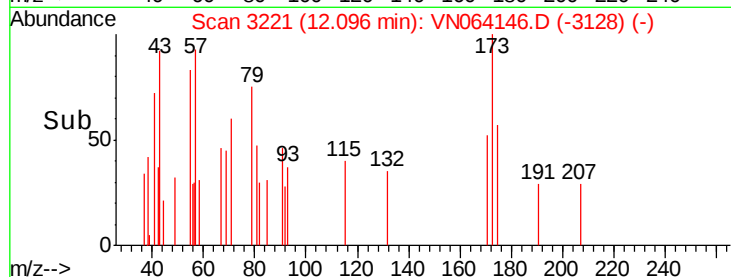
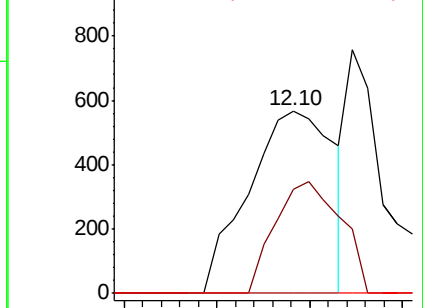
254 0.0 0.1 0.1#



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: VN064146.D

Acq: 15 Oct 2020 16:19

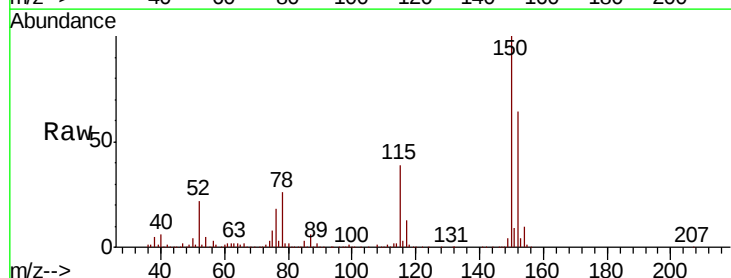
Tgt Ion:152 Resp: 263080

Ion Ratio Lower Upper

152 100

115 61.4 29.3 87.8

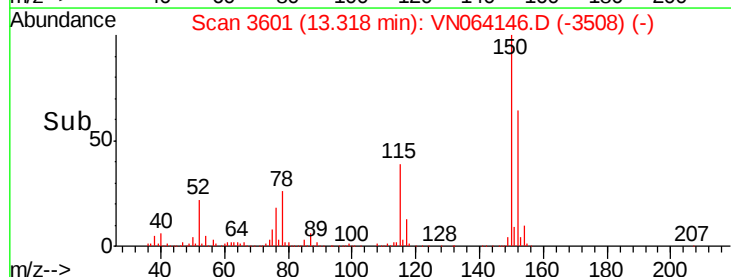
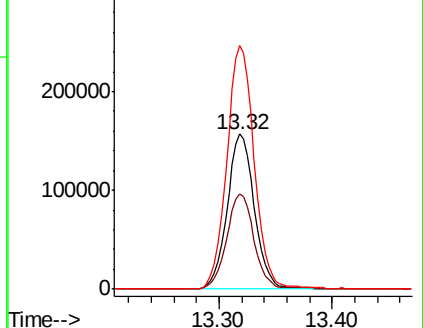
150 158.1 0.0 346.0

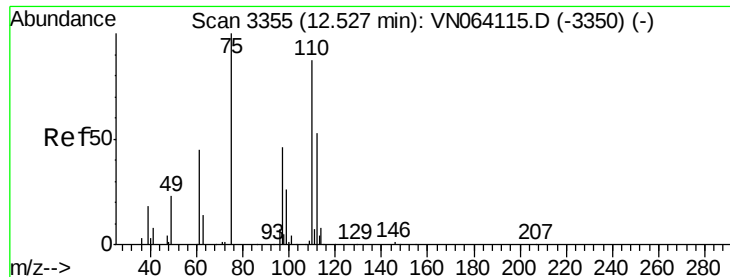


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

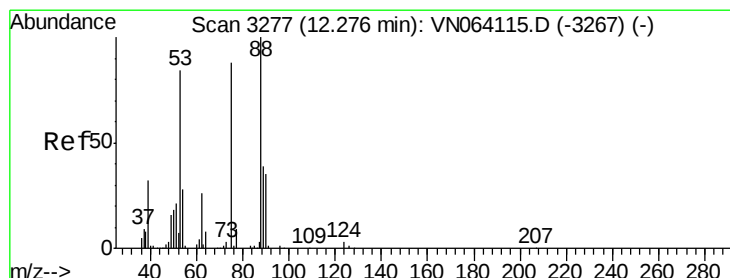
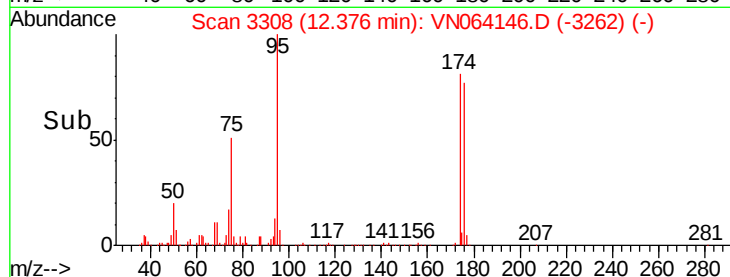
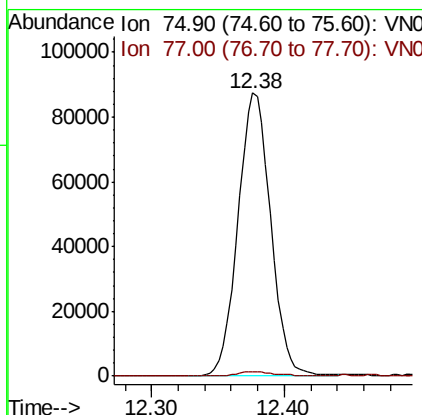
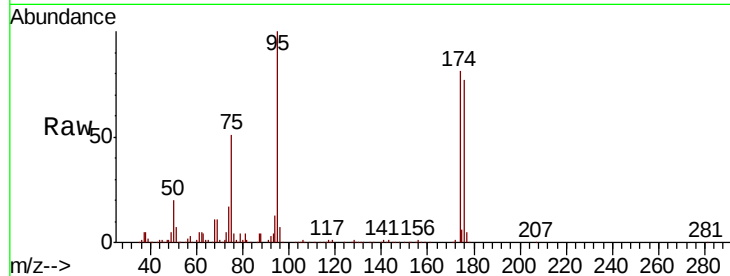




#76
 1,2,3-Trichloropropane
 Concen: 24.308 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN064146.D
 Acq: 15 Oct 2020 16:19

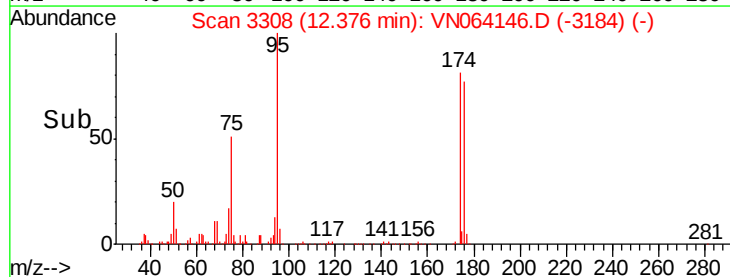
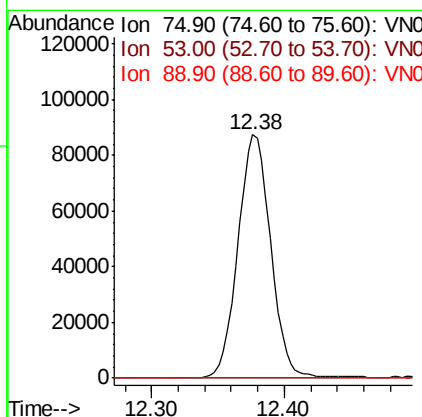
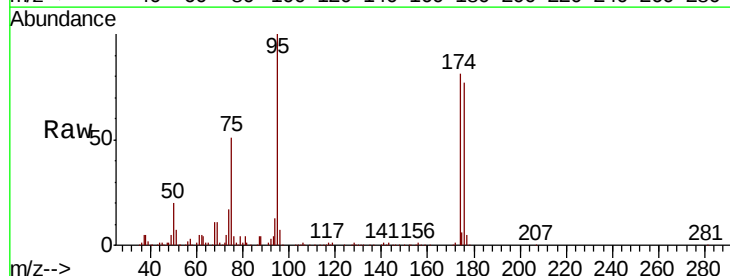
Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WW-000-02

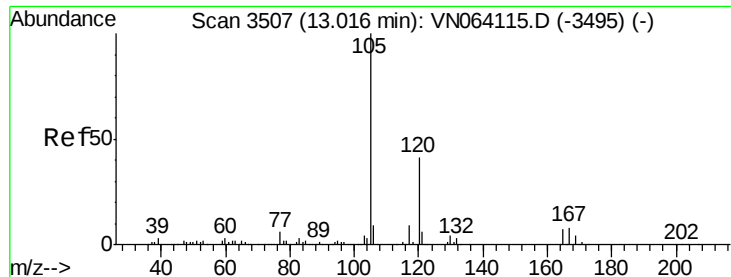
Tot Ion: 75 Resp: 150028
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.264 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064146.D
 Acq: 15 Oct 2020 16:19

Tgt Ion: 75 Resp: 150028
 Ion Ratio Lower Upper
 75 100
 53 0.4 75.7 113.5#
 89 0.0 36.6 55.0#

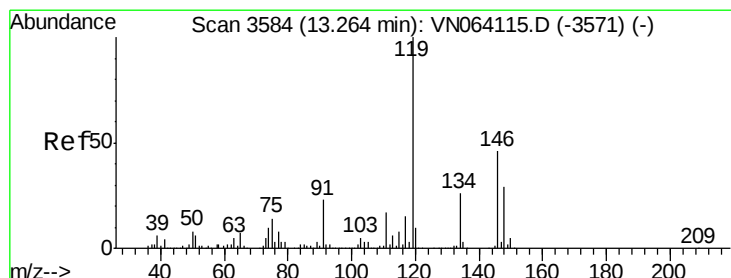
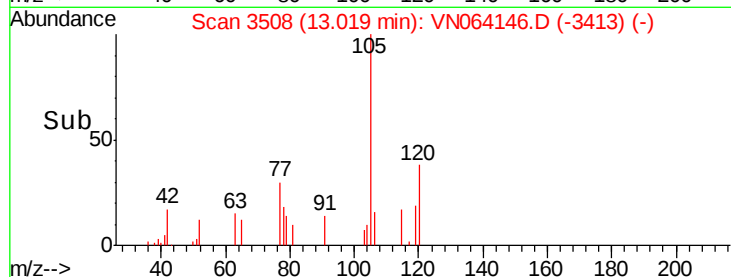
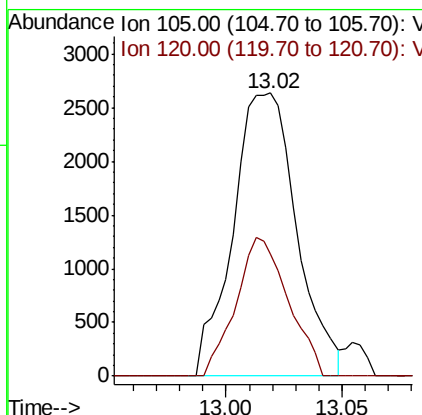
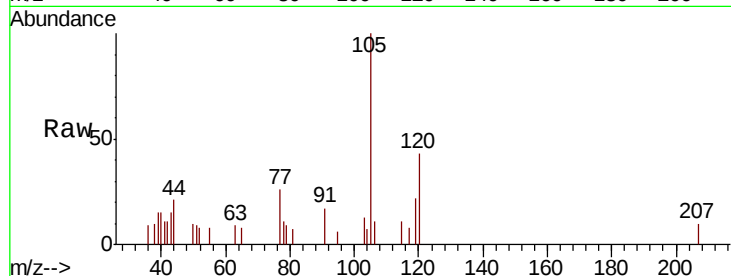




#84
 1,2,4-Trimethylbenzene
 Concen: 0.499 ug/l
 RT: 13.02 min Scan# 3508
 Delta R.T. 0.00 min
 Lab File: VN064146.D
 Acq: 15 Oct 2020 16:19

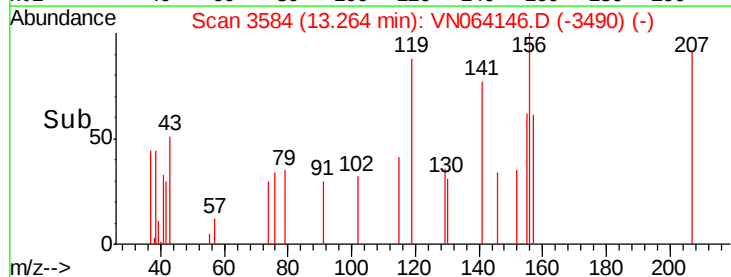
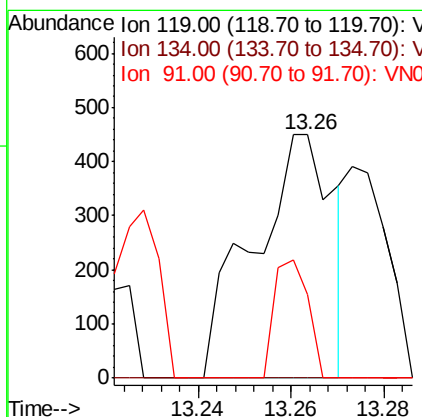
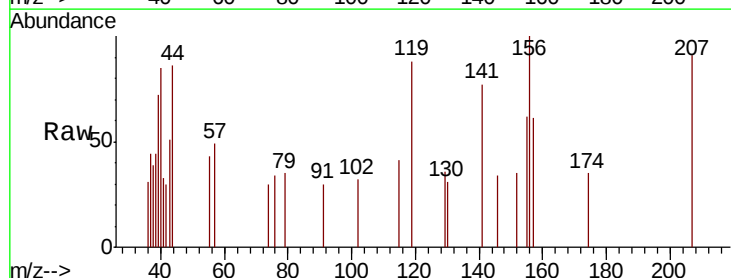
Instrument :
 MSVOA_N
 ClientSampleId :
 PB-2020-WW-000-02

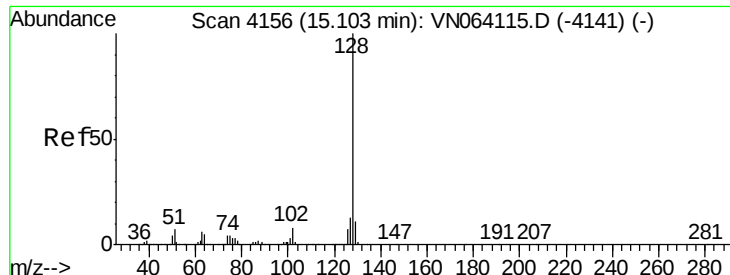
Tot Ion:105 Resp: 5033
 Ion Ratio Lower Upper
 105 100
 120 40.0 22.8 68.4



#86
 p-Isopropyltoluene
 Concen: 0.696 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064146.D
 Acq: 15 Oct 2020 16:19

Tgt Ion:119 Resp: 538
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.2 39.5#
 91 20.6 12.0 36.1





#95

Naphthalene

Concen: 3.945 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN064146.D

Acq: 15 Oct 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB-2020-WW-000-02

Tot Ion:128 Resp: 2054

Ion Ratio Lower Upper

128 100

127 14.9 10.2 15.4

129 16.6 8.5 12.7#

