

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055825.D
 Acq On : 25 May 2019 4:14
 Operator : JC/SP
 Sample : K3037-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW5-R1-1

Quant Time: May 26 22:47:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	429646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	602544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	202042	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	197554	44.52	ug/l	0.00
Spiked Amount			Recovery	=	89.04%	
35) Dibromofluoromethane	7.59	113	182059	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
50) Toluene-d8	10.09	98	711395	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.40	95	234930	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	

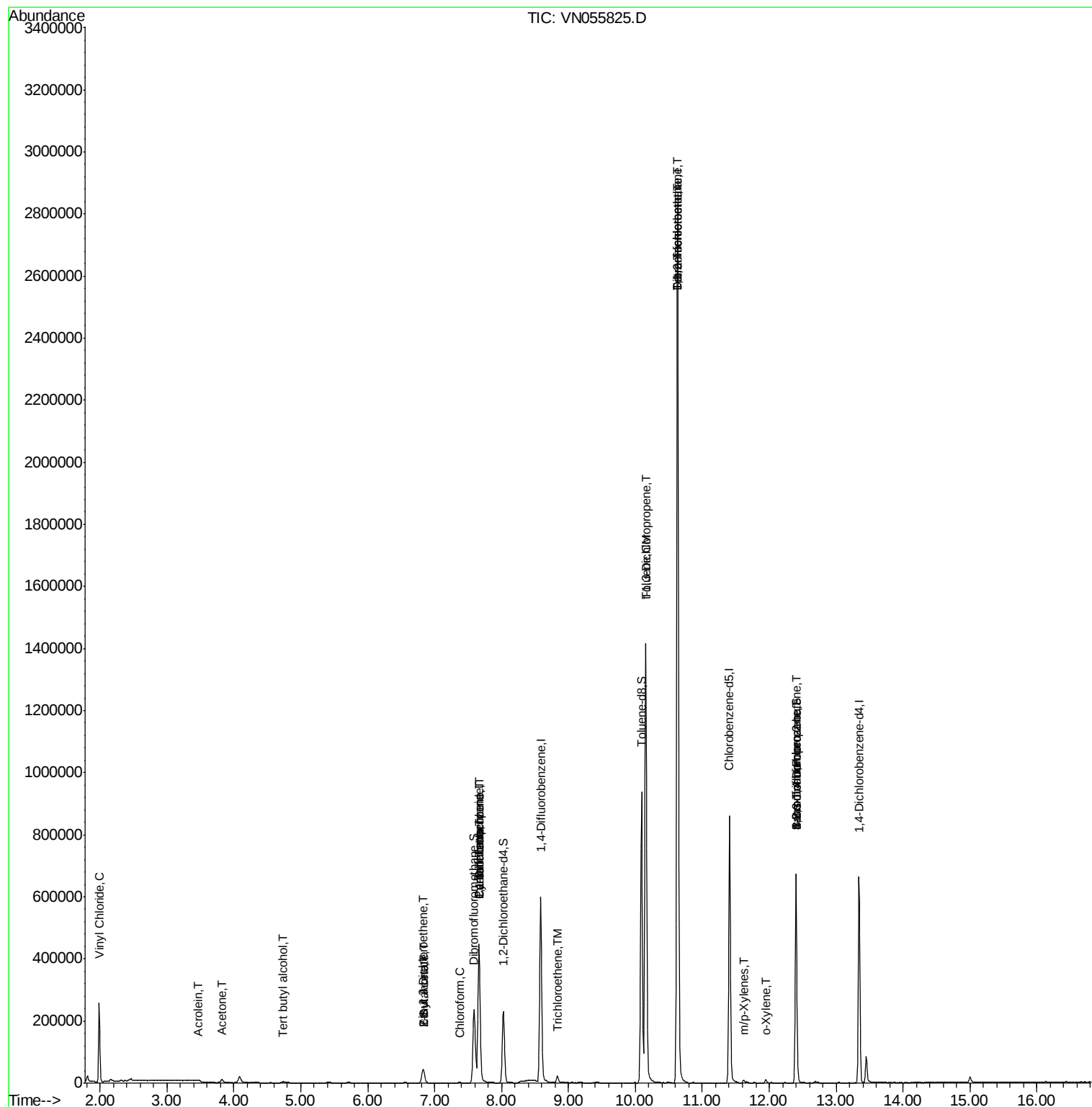
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.99	62	2934	0.679	ug/l #	43
11) Tert butyl alcohol	4.74	59	4345	5.125	ug/l #	74
13) Acrolein	3.46	56	127	0.209	ug/l #	1
16) Acetone	3.82	43	17649	9.049	ug/l	92
18) Methyl Acetate	4.33	43	3223	Below Cal	#	61
25) 2-Butanone	6.85	43	1475	0.541	ug/l	92
27) cis-1,2-Dichloroethene	6.83	96	30245	6.604	ug/l	90
30) Chloroform	7.37	83	1915	0.271	ug/l	100
31) Cyclohexane	7.66	56	5993	0.900	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24424	4.651	ug/l #	48
37) Ethyl Acetate	6.85	43	1475	0.291	ug/l #	67
38) Carbon Tetrachloride	7.67	117	34582	6.323	ug/l #	14
44) Trichloroethene	8.83	130	9256	2.098	ug/l	97
52) Toluene	10.16	92	672455	67.563	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	7103	1.200	ug/l #	1
55) 1,1,2-Trichloroethane	10.63	97	4752	1.192	ug/l #	1
60) Dibromochloromethane	10.63	129	632735	136.220	ug/l #	11
64) Tetrachloroethene	10.63	164	765089	165.825	ug/l	99
68) m/p-Xylenes	11.62	106	3498	0.471	ug/l	88
69) o-Xylene	11.95	106	2990	0.406	ug/l	100
71) Bromoform	12.40	173	1683	0.452	ug/l #	1
73) Isopropylbenzene	12.25	105	535	Below Cal	#	48
74) N-ethyl acetate	12.08	43	264	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	107194	29.522	ug/l #	100
79) 2-Chlorotoluene	12.67	91	128	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	389	Below Cal		77
81) trans-1,4-Dichloro-2-buten	12.40	75	107194	71.385	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	923	Below Cal		81
85) sec-Butylbenzene	13.17	105	30	Below Cal	#	55

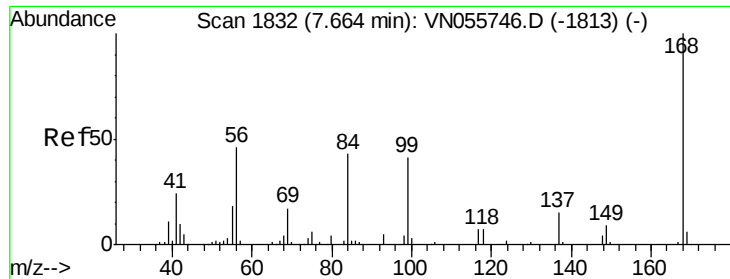
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052419\
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

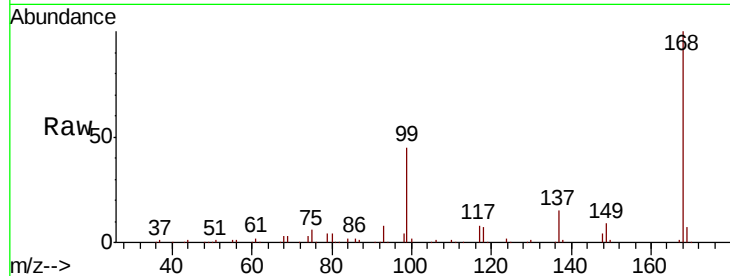
MW5-R1-1

Tot Ion:168 Resp: 429646

Ion Ratio Lower Upper

168 100

99 45.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

200000

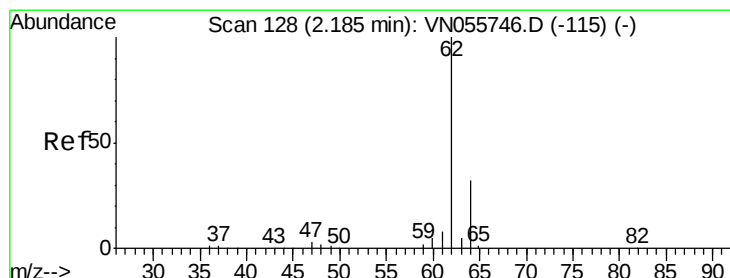
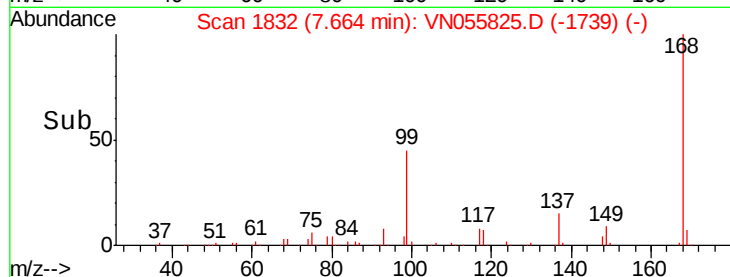
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 0.679 ug/l

RT: 1.99 min Scan# 66

Delta R.T. -0.20 min

Lab File: VN055825.D

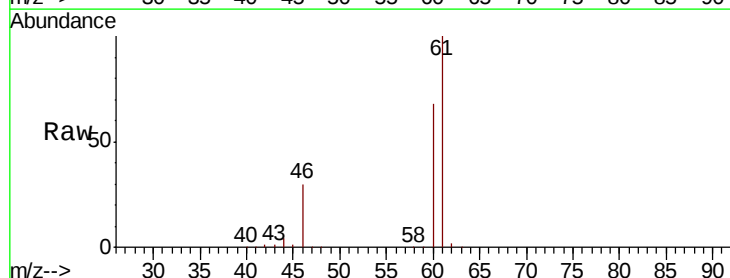
Acq: 25 May 2019 4:14

Tgt Ion: 62 Resp: 2934

Ion Ratio Lower Upper

62 100

64 0.0 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VN055746.D (-115) (-)

Ion 63.90 (63.60 to 64.60): VN055746.D (-115) (-)

1.99

2500

2000

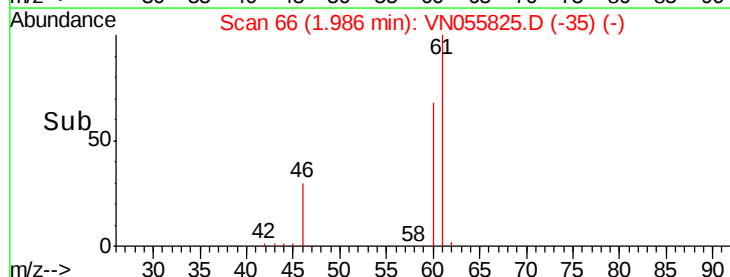
1500

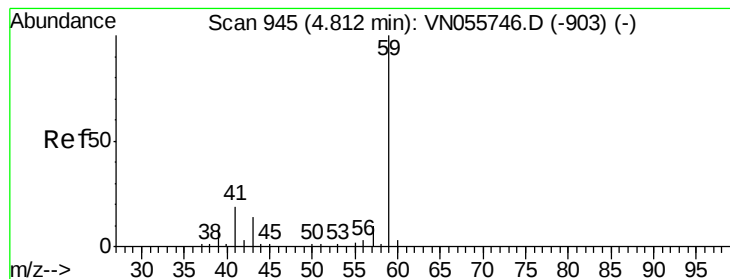
1000

500

0

Time--> 1.94 1.96 1.98 2.00 2.02



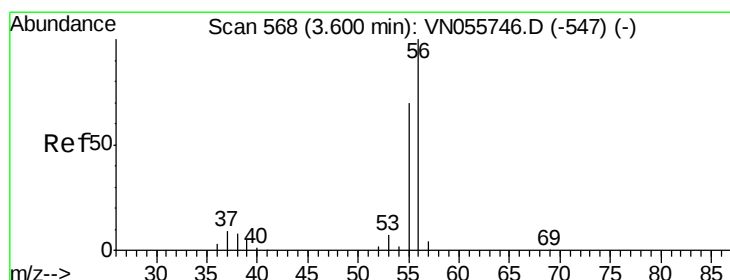
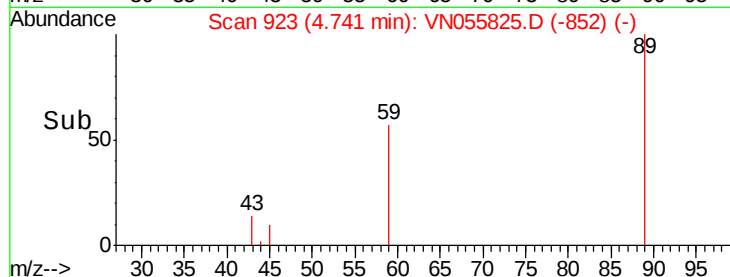
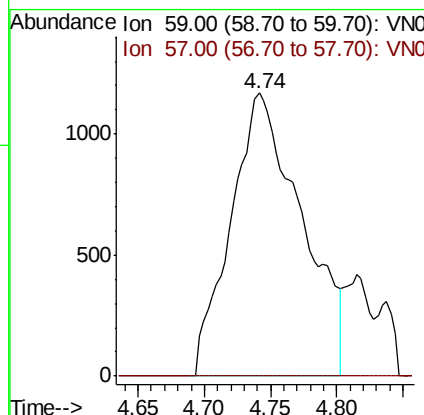
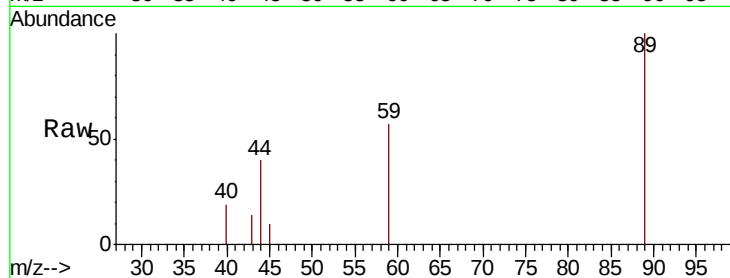


#11

Tert butyl alcohol
 Concen: 5.125 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.07 min
 Lab File: VN055825.D
 Acq: 25 May 2019 4:14

Instrument :
 MSVOA_N
 ClientSampled :
 MW5-R1-1

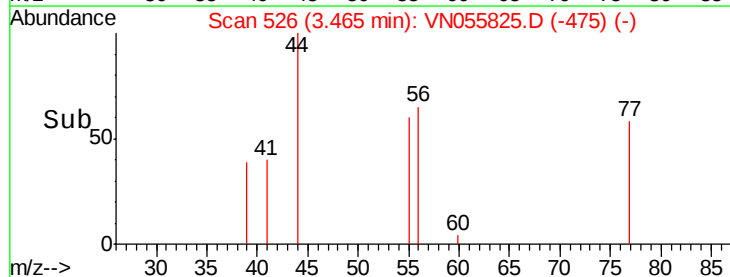
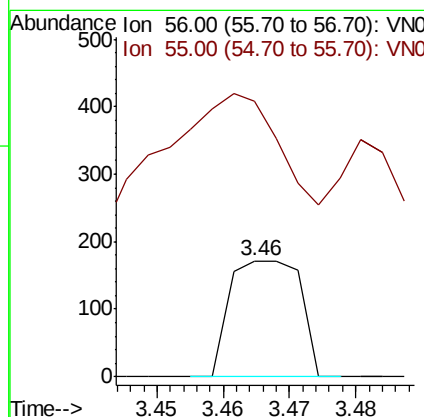
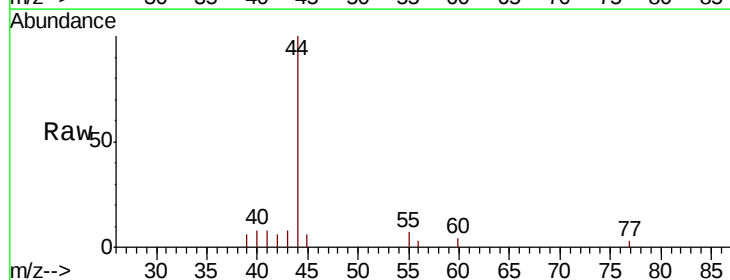
Tot Ion: 59 Resp: 4345
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

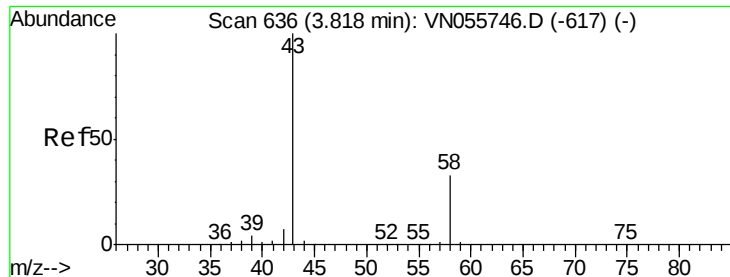


#13

Acrolein
 Concen: 0.209 ug/l
 RT: 3.46 min Scan# 526
 Delta R.T. -0.13 min
 Lab File: VN055825.D
 Acq: 25 May 2019 4:14

Tgt Ion: 56 Resp: 127
 Ion Ratio Lower Upper
 56 100
 55 558.3 55.4 83.2#





#16

Acetone

Concen: 9.049 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

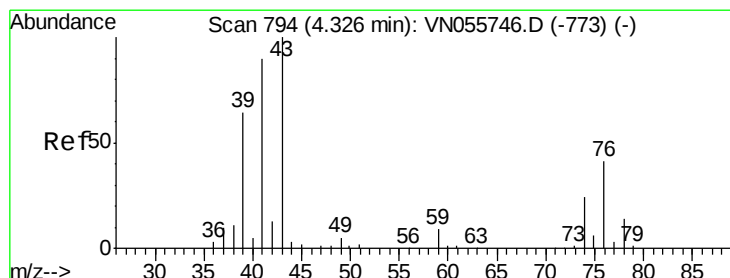
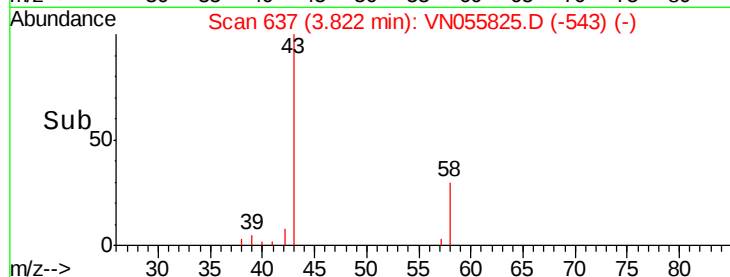
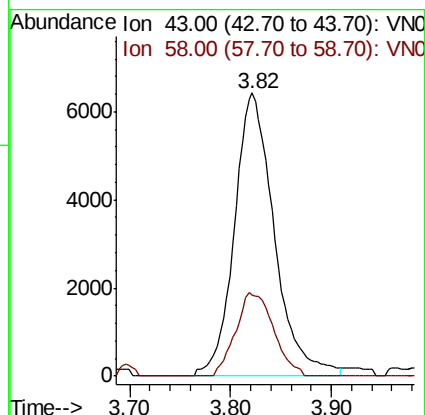
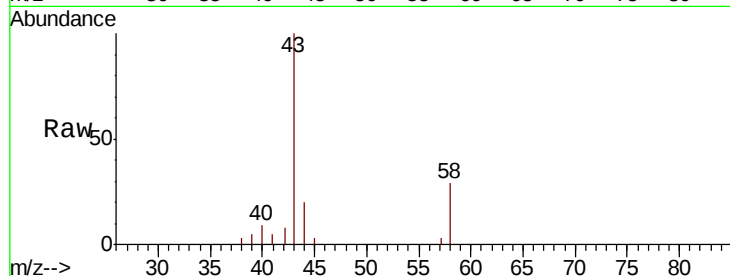
MW5-R1-1

Tot Ion: 43 Resp: 17649

Ion Ratio Lower Upper

43 100

58 28.8 26.6 39.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055825.D

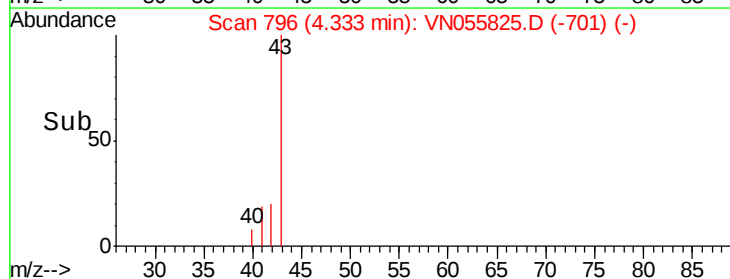
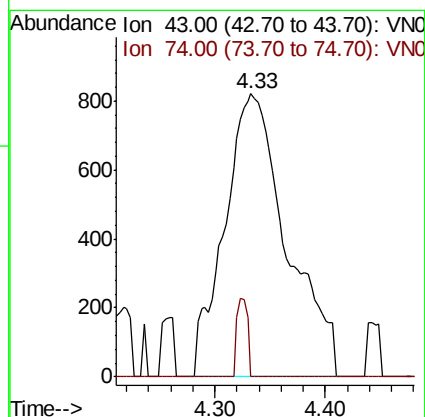
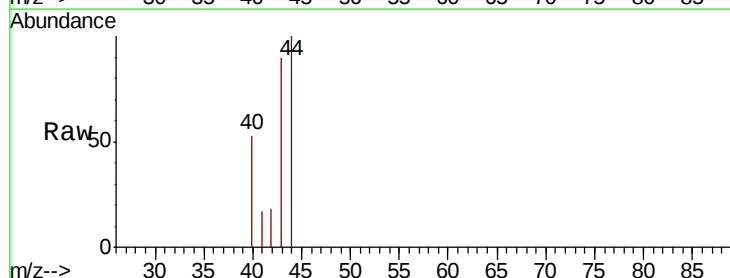
Acq: 25 May 2019 4:14

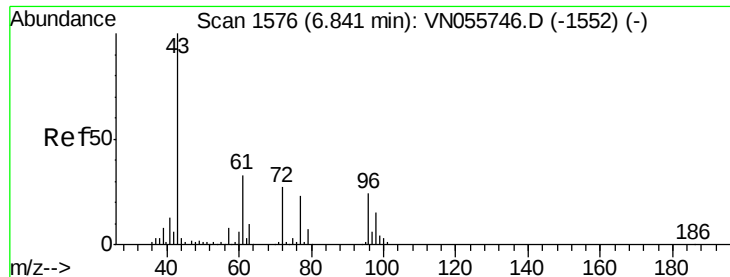
Tgt Ion: 43 Resp: 3223

Ion Ratio Lower Upper

43 100

74 4.7 19.3 28.9#





#25

2-Butanone

Concen: 0.541 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

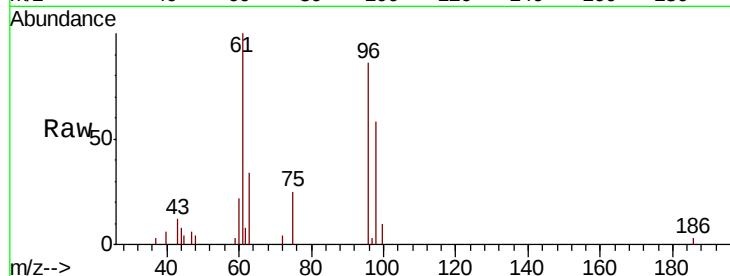
MW5-R1-1

Tot Ion: 43 Resp: 1475

Ion Ratio Lower Upper

43 100

72 31.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

6.85

6.85

6.85

6.85

6.85

6.85

6.85

6.85

6.85

6.85

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6.85

6.85

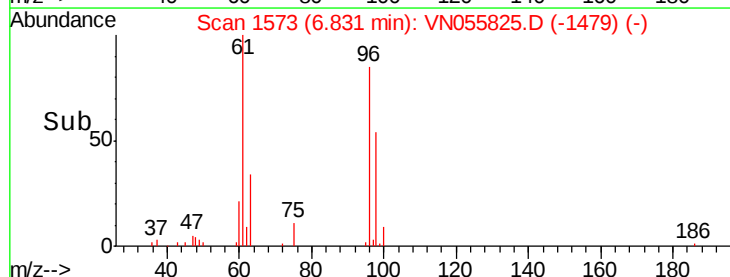
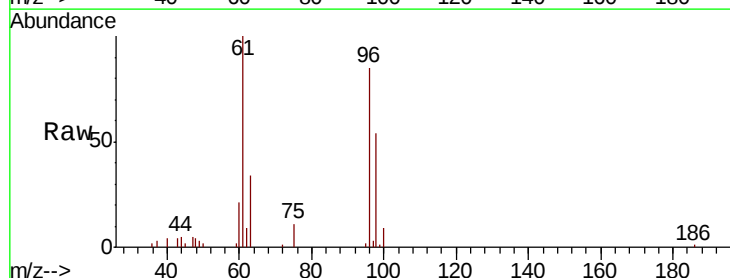
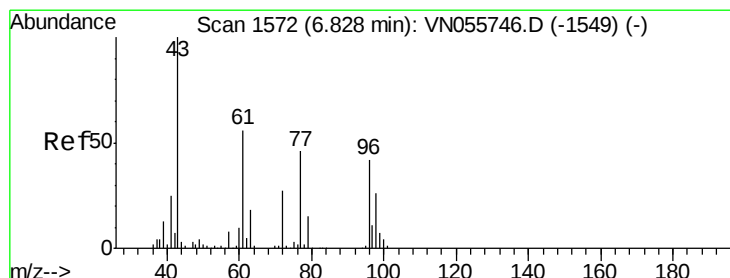
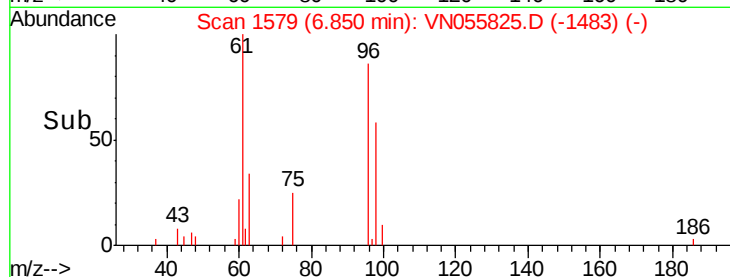
6.85

6.85

6.85

6.85

6.85



#27

cis-1,2-Dichloroethene

Concen: 6.604 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Tgt Ion: 96 Resp: 30245

Ion Ratio Lower Upper

96 100

61 120.2 0.0 275.8

98 65.2 0.0 128.4

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

6.83

6.83

6.83

6.83

6.83

6.83

6.83

6.83

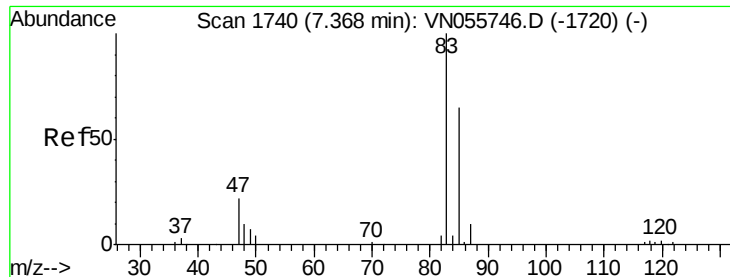
6.83

6.83

6.83

6.83

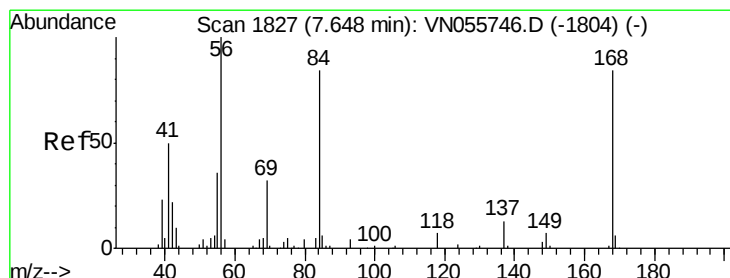
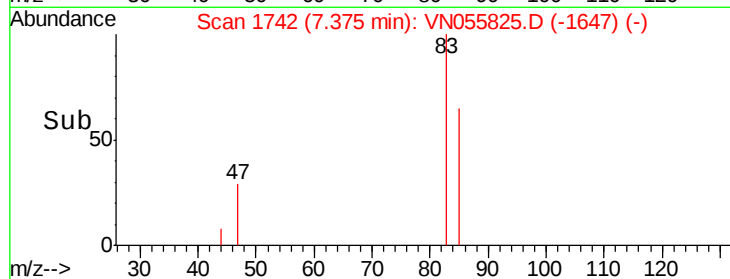
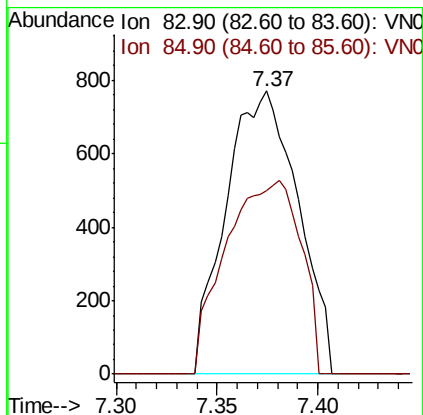
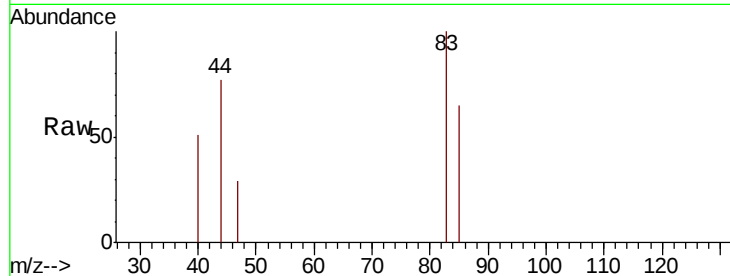
6.83



#30
Chloroform
Concen: 0.271 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VN055825.D
Acq: 25 May 2019 4:14

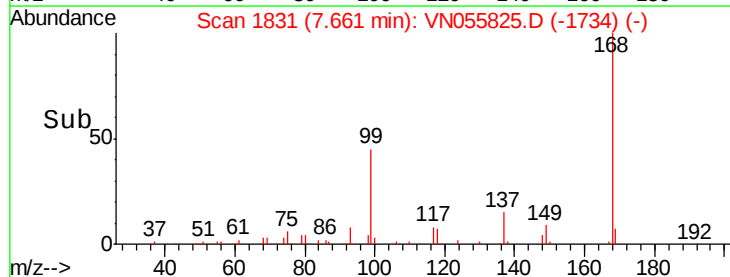
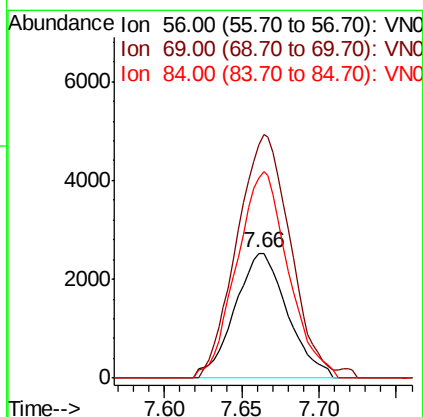
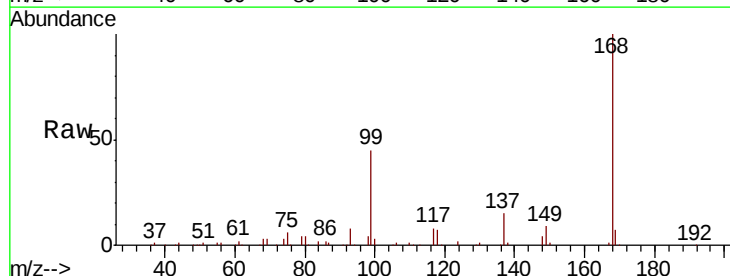
Instrument :
MSVOA_N
ClientSampleId :
MW5-R1-1

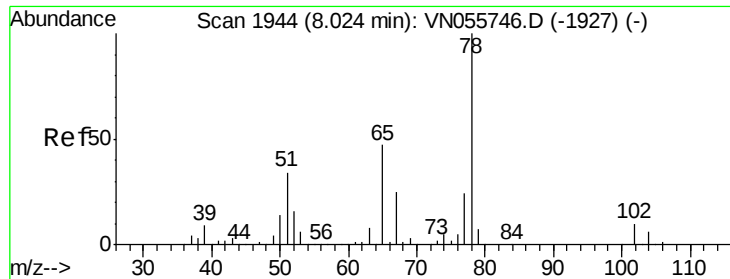
Tot Ion: 83 Resp: 1915
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8



#31
Cyclohexane
Concen: 0.900 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055825.D
Acq: 25 May 2019 4:14

Tgt Ion: 56 Resp: 5993
Ion Ratio Lower Upper
56 100
69 186.8 25.6 38.4#
84 160.1 67.4 101.0#

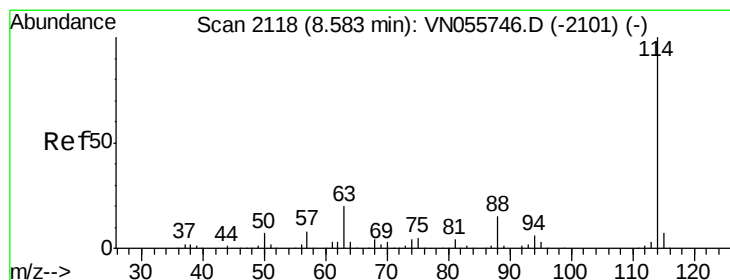
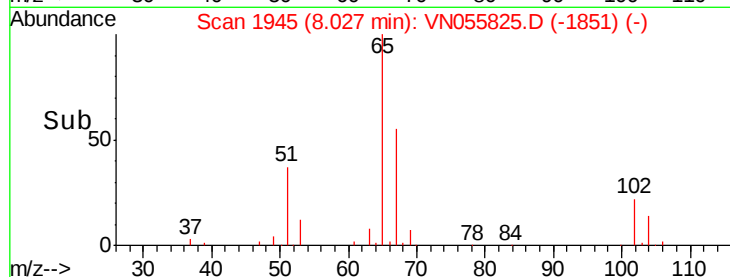
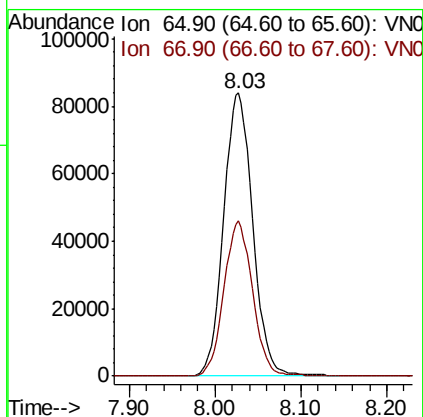
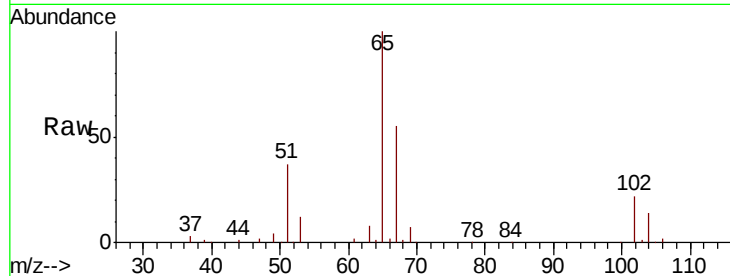




#33
 1,2-Dichloroethane-d4
 Concen: 44.524 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055825.D
 Acq: 25 May 2019 4:14

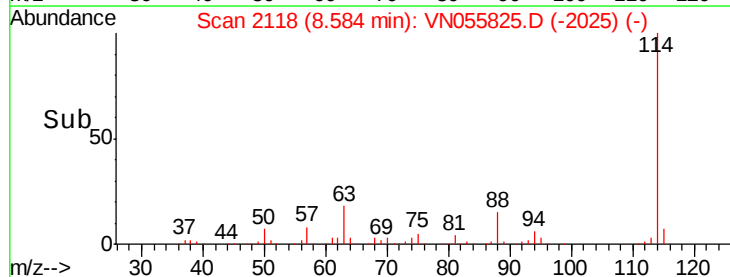
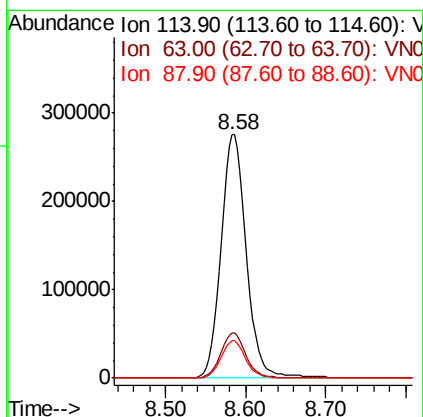
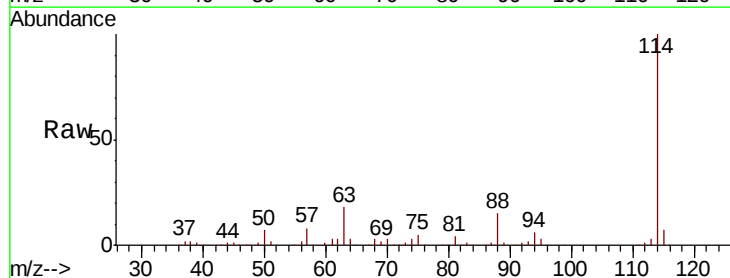
Instrument :
 MSVOA_N
 ClientSampleId :
 MW5-R1-1

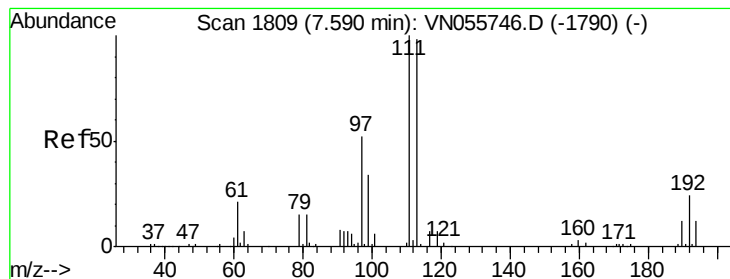
Tot Ion: 65 Resp: 197554
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055825.D
 Acq: 25 May 2019 4:14

Tgt Ion: 114 Resp: 602544
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.791 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

MW5-R1-1

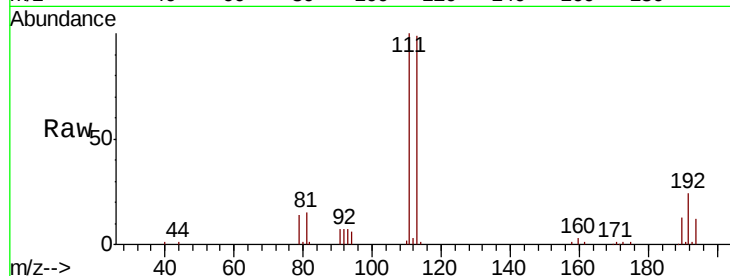
Tot Ion:113 Resp: 182059

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

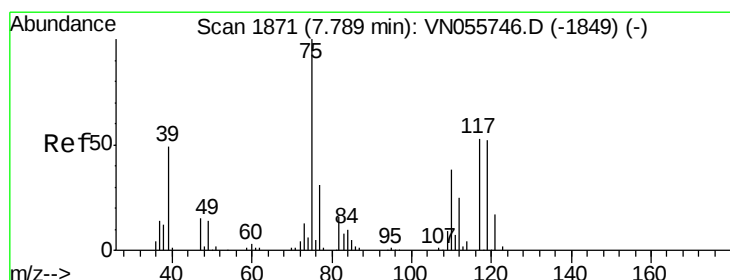
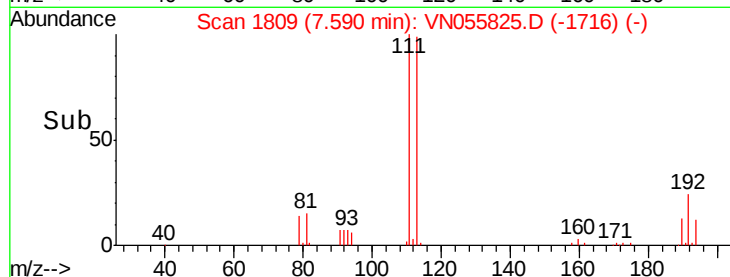
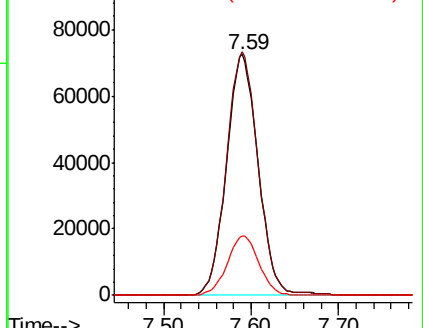
192 24.6 19.5 29.3



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: 4.651 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

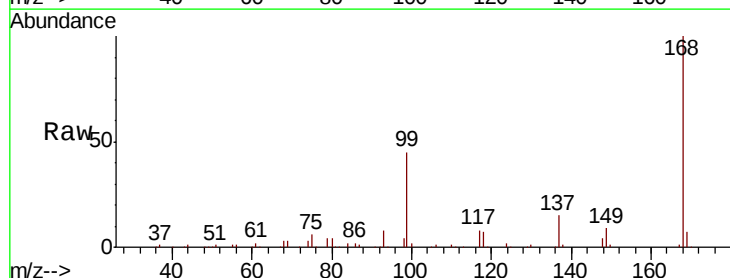
Tgt Ion: 75 Resp: 24424

Ion Ratio Lower Upper

75 100

110 8.8 19.0 57.0#

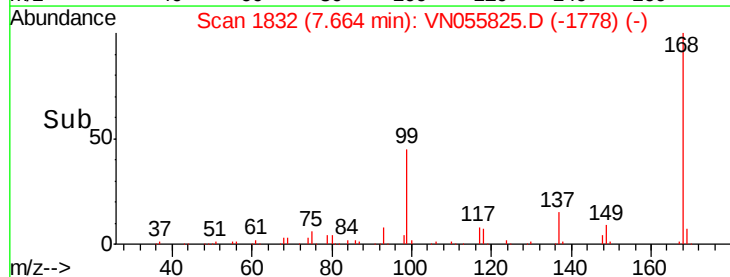
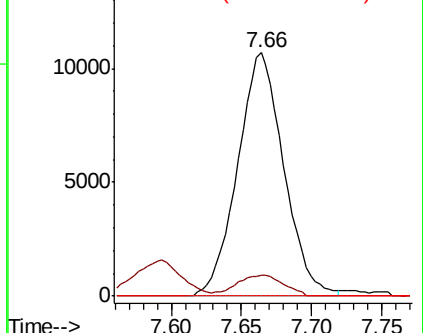
77 0.0 25.1 37.7#

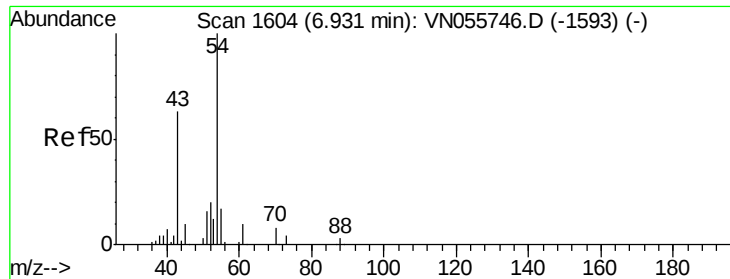


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 0.291 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. -0.08 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

MW5-R1-1

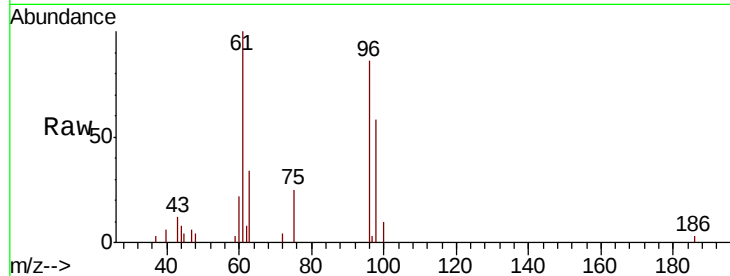
Tot Ion: 43 Resp: 1475

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.2#

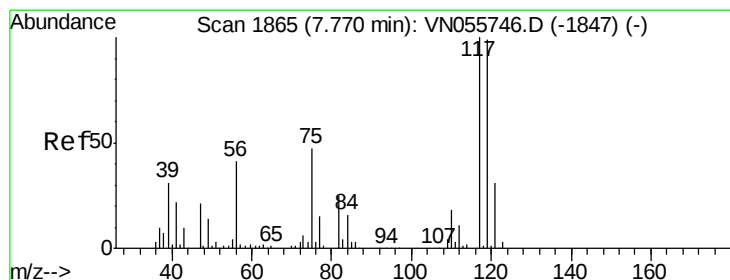
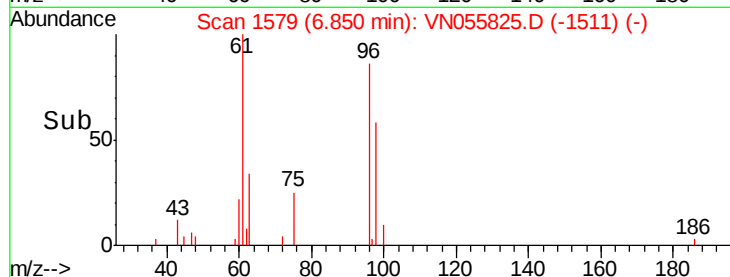
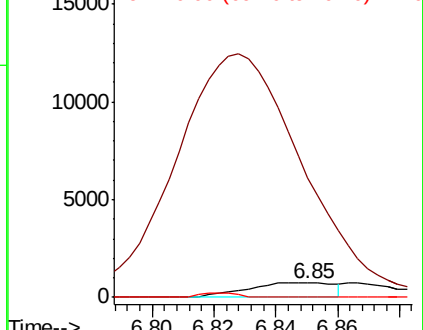
70 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 6.323 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

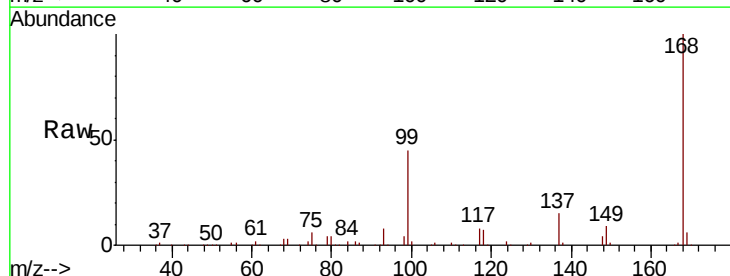
Tgt Ion: 117 Resp: 34582

Ion Ratio Lower Upper

117 100

119 4.5 79.0 118.6#

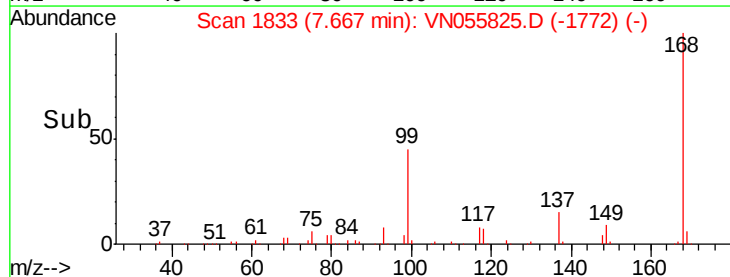
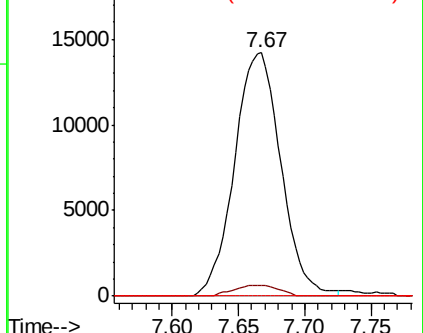
121 0.0 24.7 37.1#

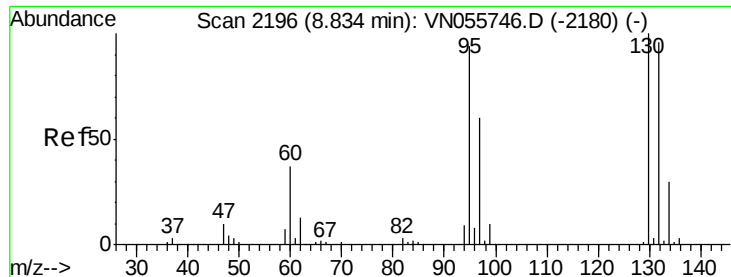


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 2.098 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

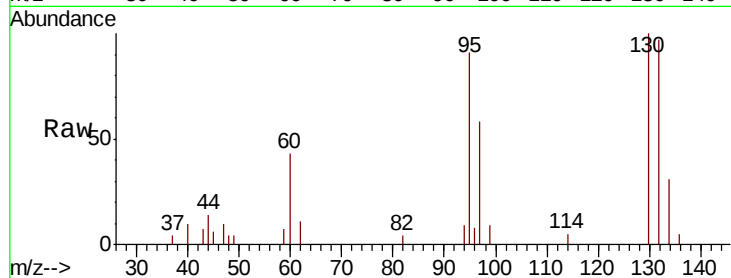
MW5-R1-1

Tot Ion:130 Resp: 9256

Ion Ratio Lower Upper

130 100

95 91.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

4000

3000

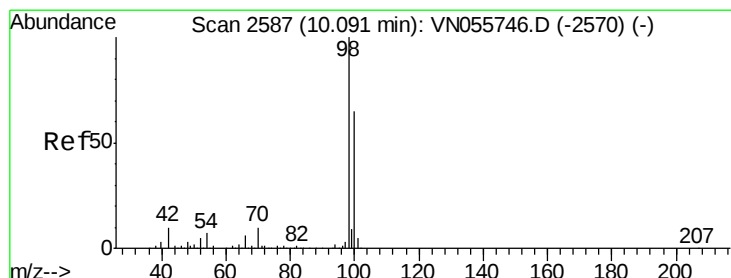
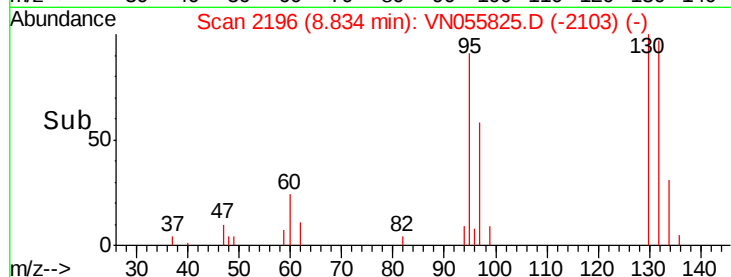
2000

1000

0

8.80 8.85 8.90

Time-->



#50

Toluene-d8

Concen: 48.683 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055825.D

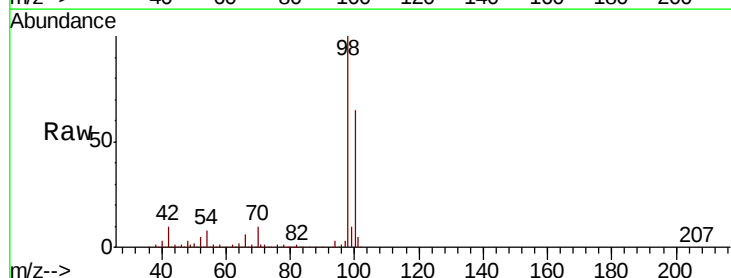
Acq: 25 May 2019 4:14

Tgt Ion: 98 Resp: 711395

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

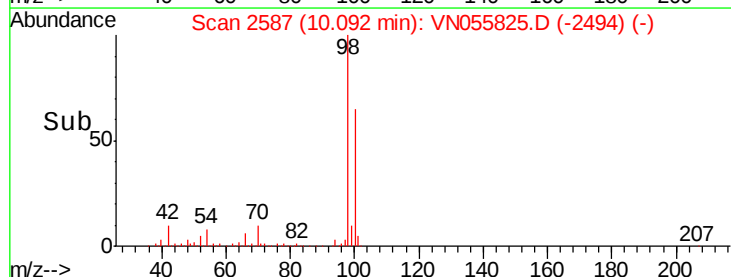
200000

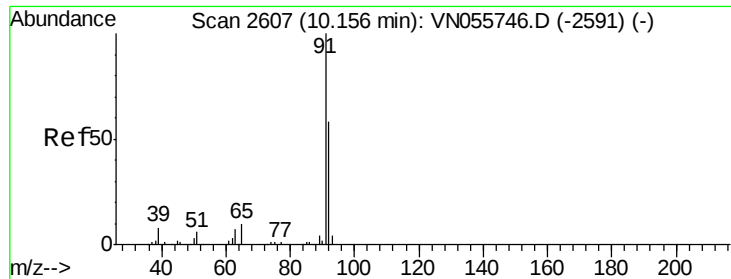
100000

0

10.00 10.10 10.20 10.30

Time-->





#52

Toluene

Concen: 67.563 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

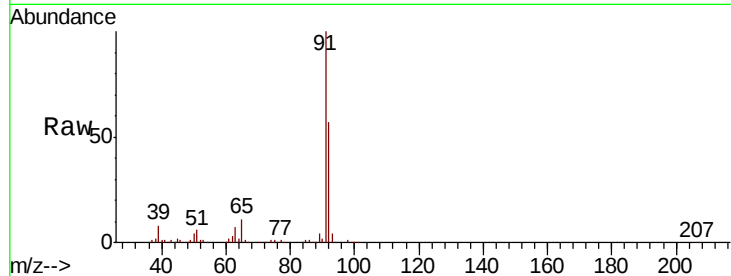
MW5-R1-1

Tot Ion: 92 Resp: 672455

Ion Ratio Lower Upper

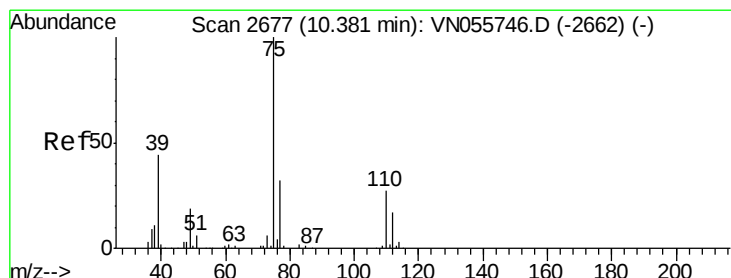
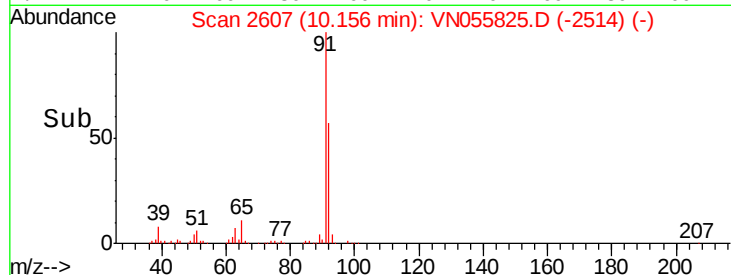
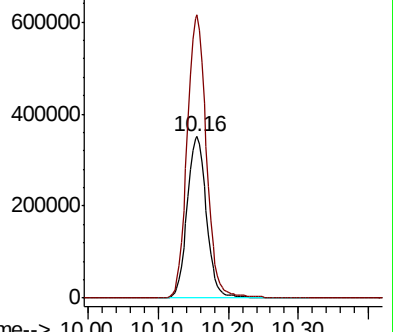
92 100

91 175.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 1.200 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN055825.D

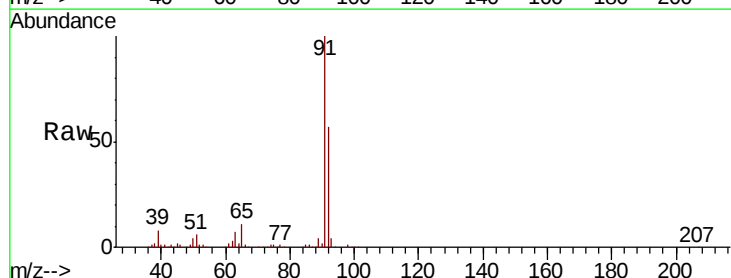
Acq: 25 May 2019 4:14

Tgt Ion: 75 Resp: 7103

Ion Ratio Lower Upper

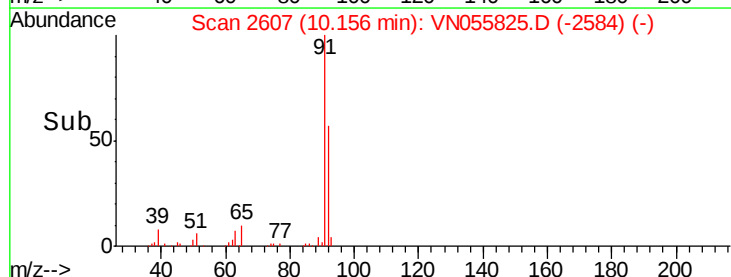
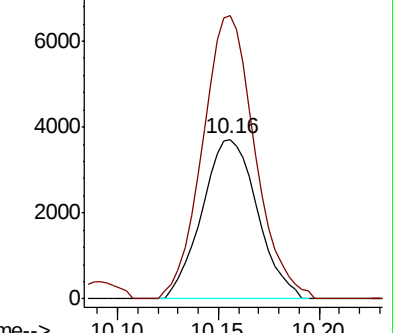
75 100

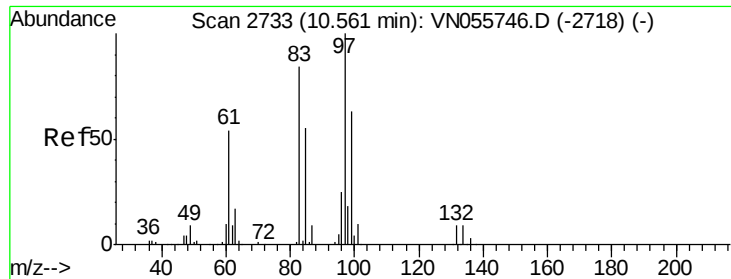
77 177.4 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

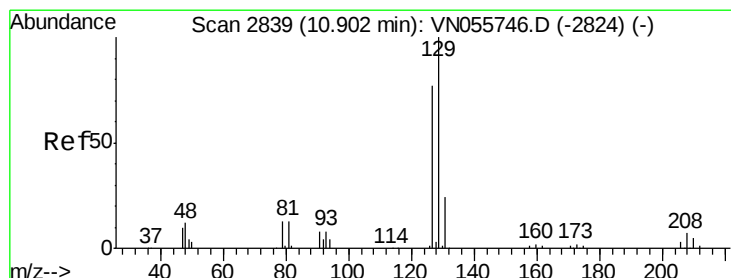
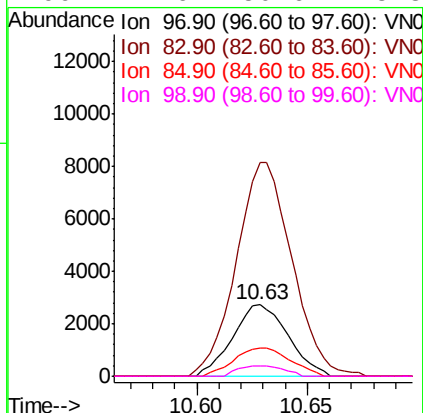
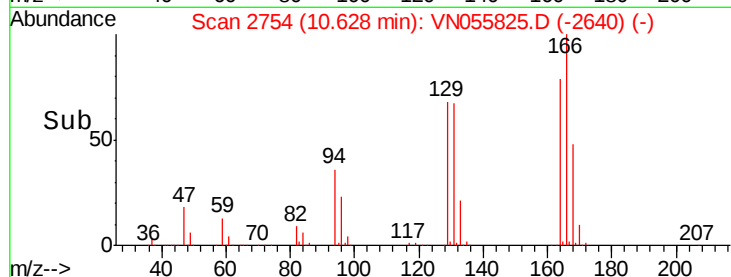
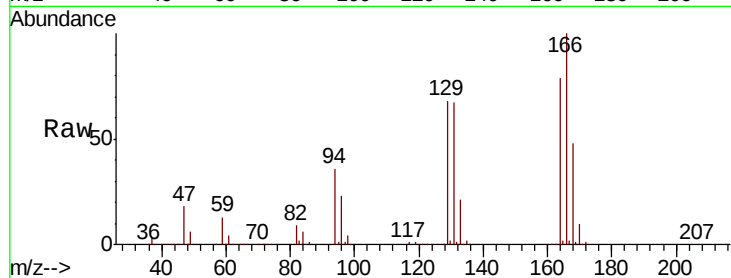




#55
 1,1,2-Trichloroethane
 Concen: 1.192 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. 0.07 min
 Lab File: VN055825.D
 Acq: 25 May 2019 4:14

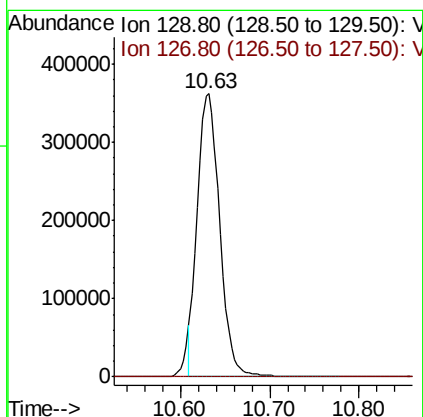
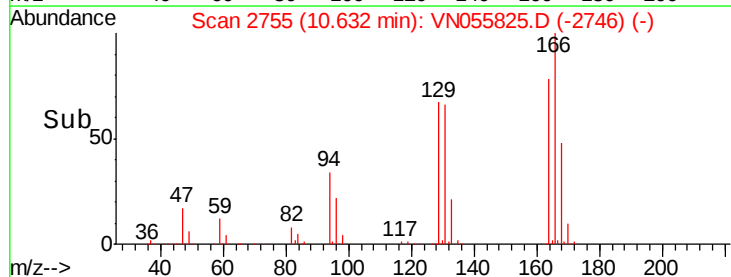
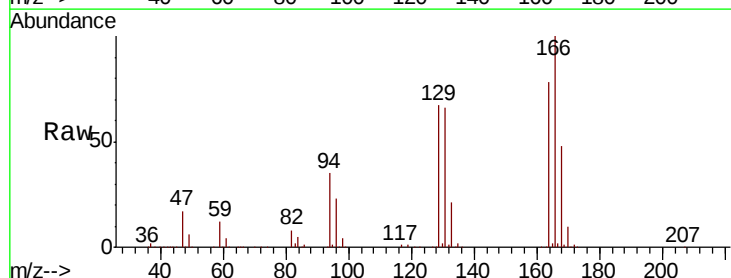
Instrument :
 MSVOA_N
 ClientSampleId :
 MW5-R1-1

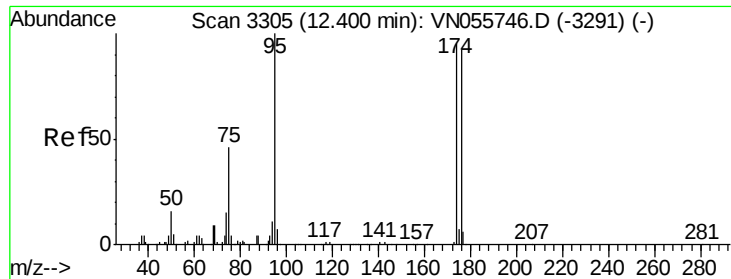
Tot Ion: 97 Resp: 4752
 Ion Ratio Lower Upper
 97 100
 83 297.6 67.0 100.6#
 85 40.1 44.0 66.0#
 99 14.6 50.6 75.8#



#60
 Dibromochloromethane
 Concen: 136.220 ug/l
 RT: 10.63 min Scan# 2755
 Delta R.T. -0.27 min
 Lab File: VN055825.D
 Acq: 25 May 2019 4:14

Tgt Ion: 129 Resp: 632735
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.3#

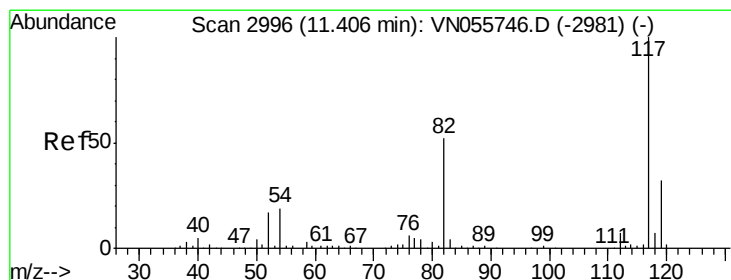
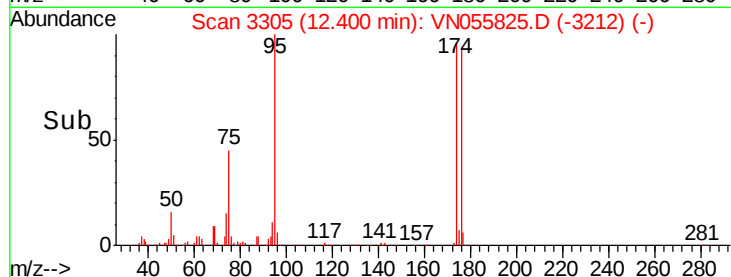
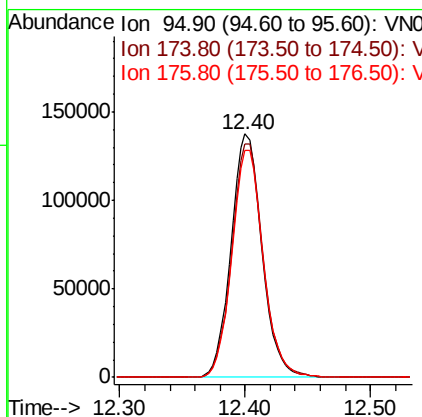
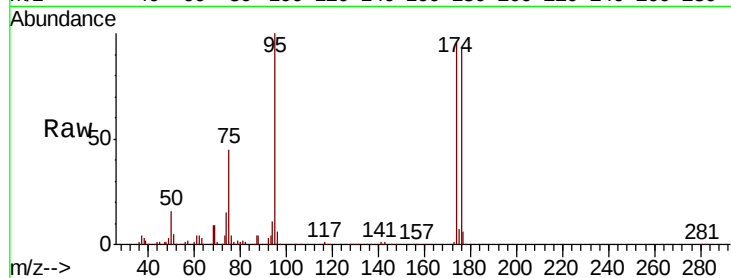




#62
4-Bromofluorobenzene
Concen: 46.887 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055825.D
Acq: 25 May 2019 4:14

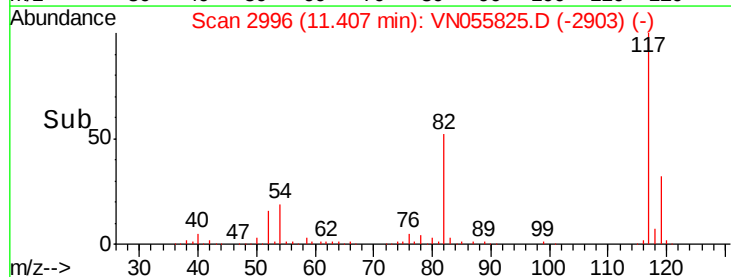
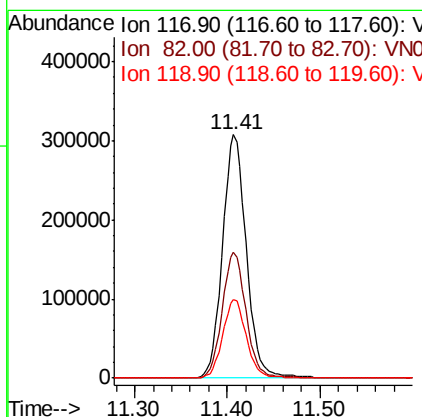
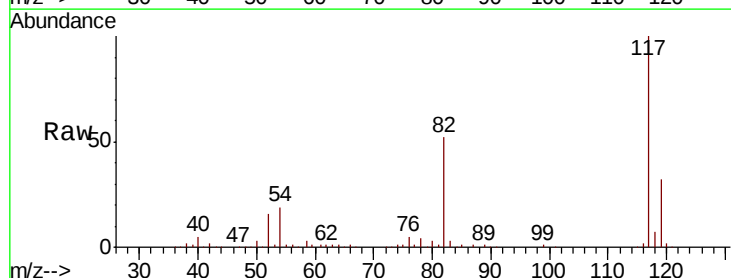
Instrument :
MSVOA_N
ClientSampleId :
MW5-R1-1

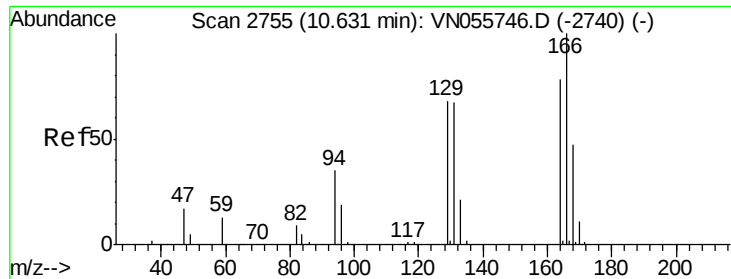
Tot Ion: 95 Resp: 234930
Ion Ratio Lower Upper
95 100
174 97.1 0.0 191.0
176 94.3 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055825.D
Acq: 25 May 2019 4:14

Tgt Ion: 117 Resp: 547040
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 32.5 25.4 38.0





#64

Tetrachloroethene

Concen: 165.825 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

MW5-R1-1

Tot Ion:164 Resp: 765089

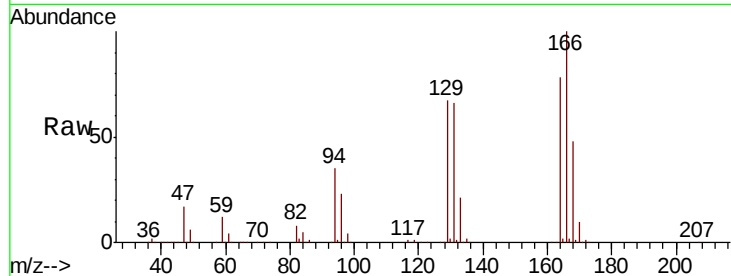
Ion Ratio Lower Upper

164 100

166 127.9 103.0 154.6

129 86.3 70.6 105.8

131 84.3 68.6 102.8

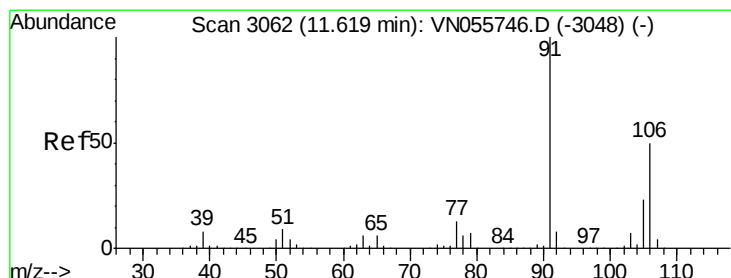
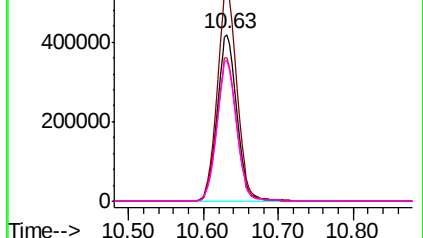
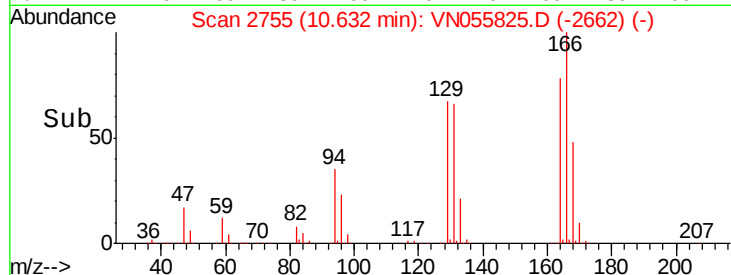


Abundance Ion 163.80 (163.50 to 164.50): V

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: 0.471 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN055825.D

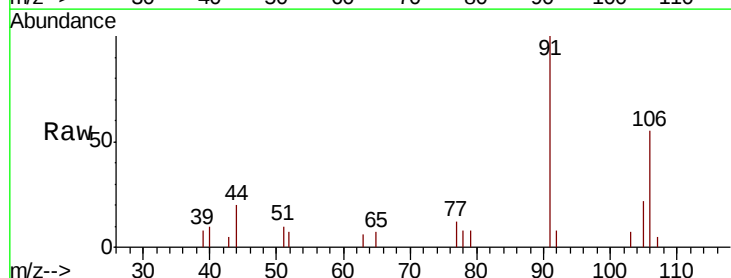
Acq: 25 May 2019 4:14

Tgt Ion:106 Resp: 3498

Ion Ratio Lower Upper

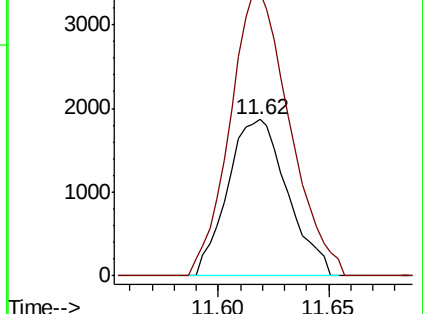
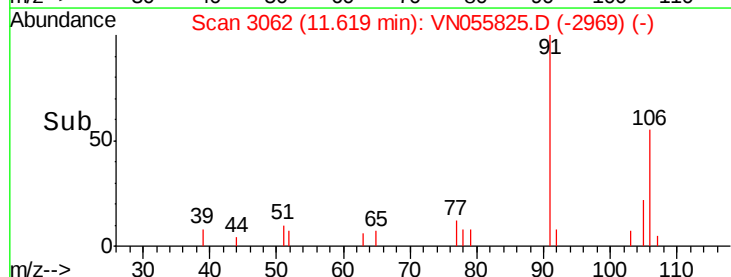
106 100

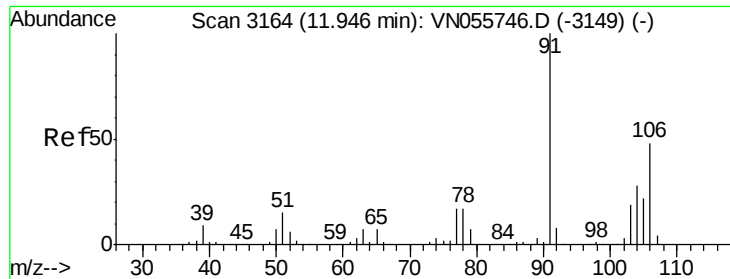
91 181.7 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

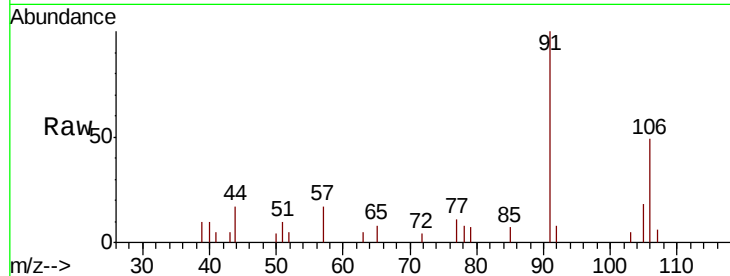




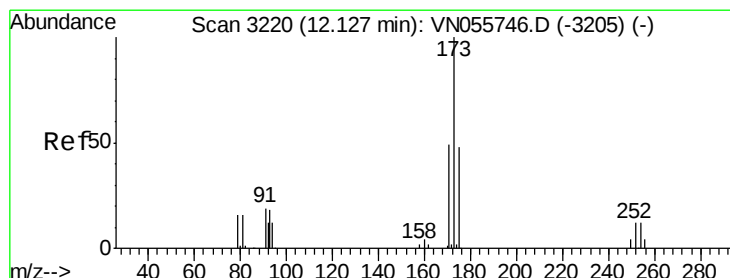
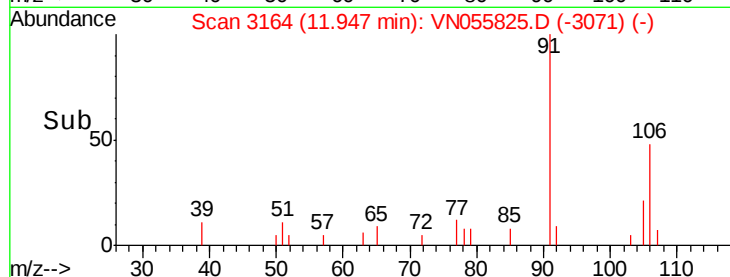
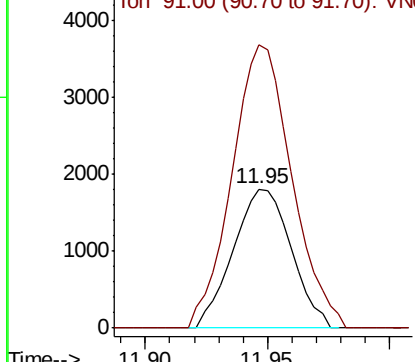
#69
o-Xylene
Concen: 0.406 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055825.D
Acq: 25 May 2019 4:14

Instrument :
MSVOA_N
ClientSampleId :
MW5-R1-1

Tot Ion:106 Resp: 2990
Ion Ratio Lower Upper
106 100
91 209.5 104.7 314.1

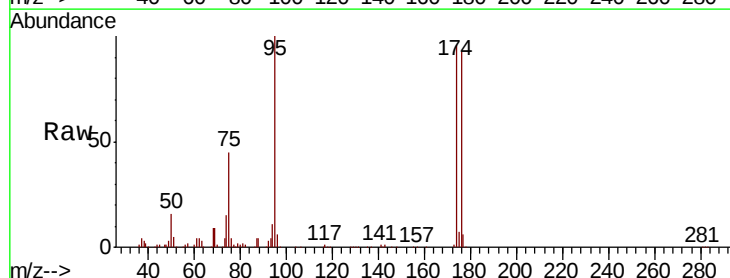


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

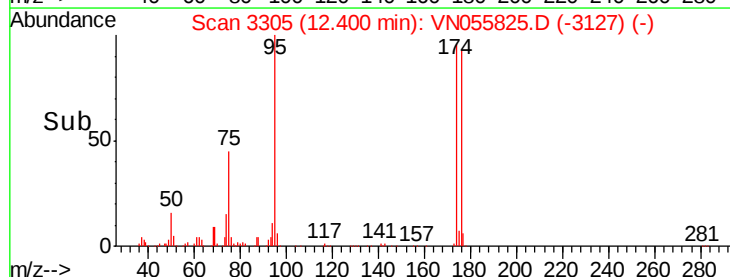
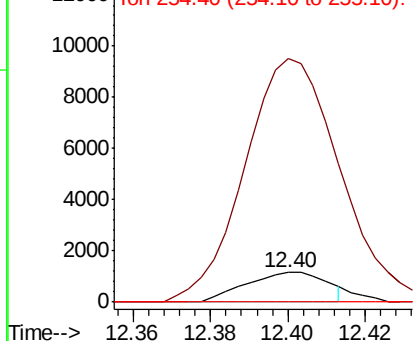


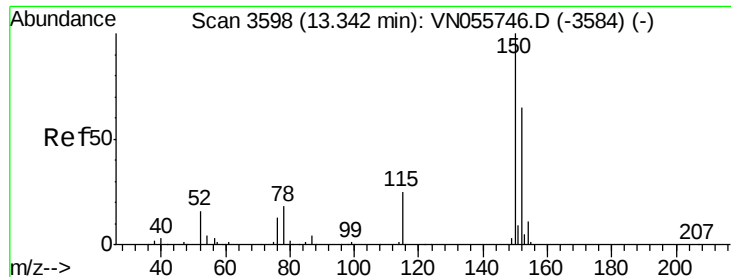
#71
Bromoform
Concen: 0.452 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055825.D
Acq: 25 May 2019 4:14

Tgt Ion:173 Resp: 1683
Ion Ratio Lower Upper
173 100
175 844.1 24.3 72.8#
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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampled :

MW5-R1-1

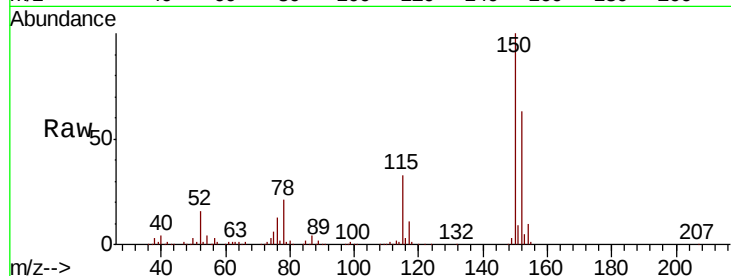
Tot Ion:152 Resp: 202042

Ion Ratio Lower Upper

152 100

115 52.2 27.0 81.0

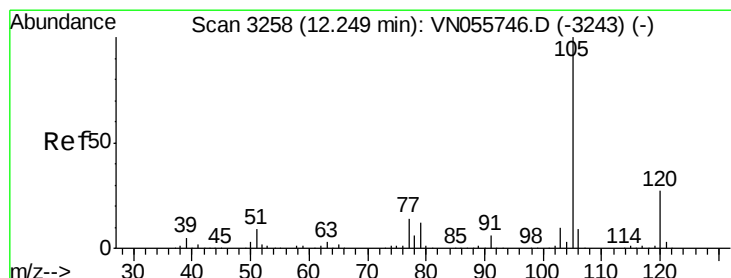
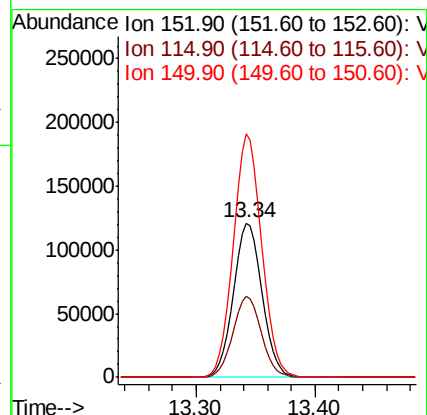
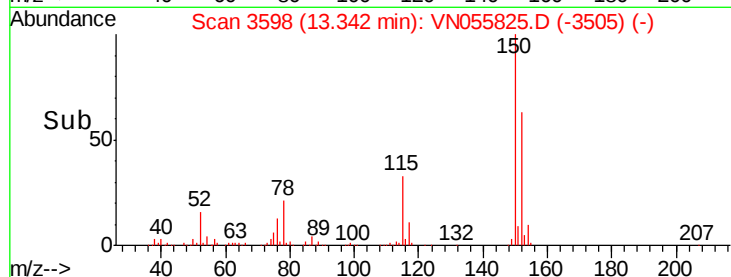
150 156.3 0.0 343.2



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: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055825.D

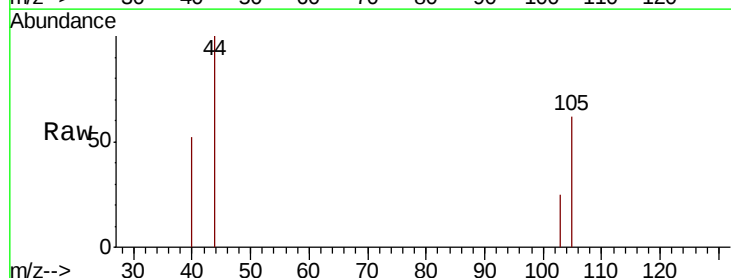
Acq: 25 May 2019 4:14

Tgt Ion:105 Resp: 535

Ion Ratio Lower Upper

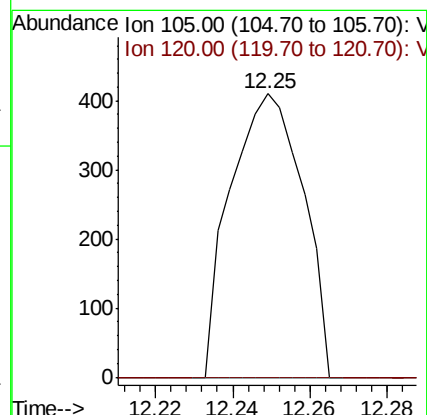
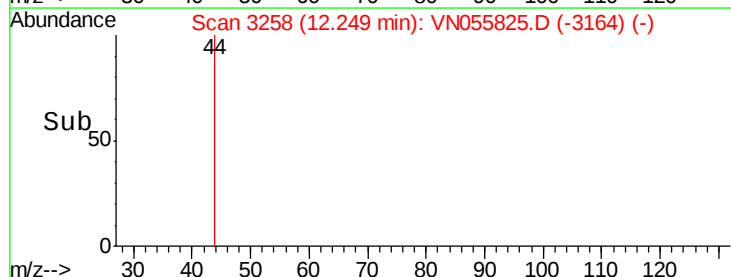
105 100

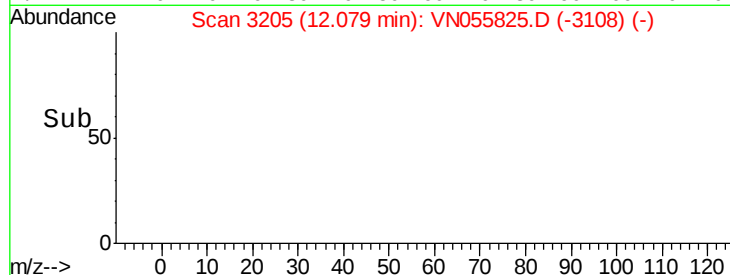
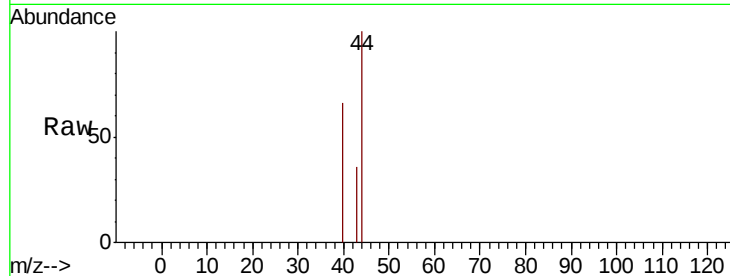
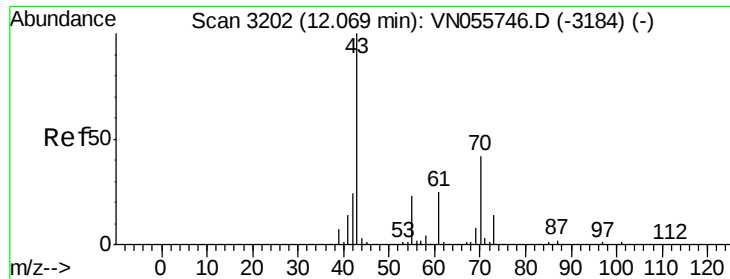
120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.08 min Scan# 3205

Delta R.T. 0.01 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

MW5-R1-1

Tot Ion: 43 Resp: 264

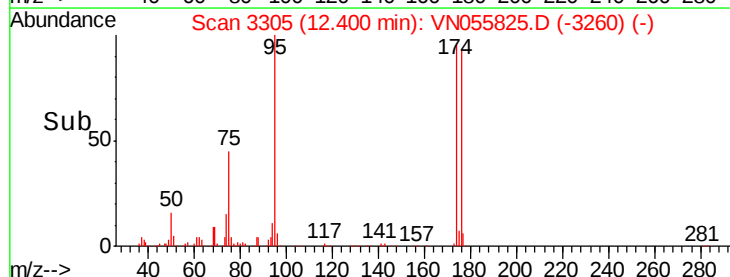
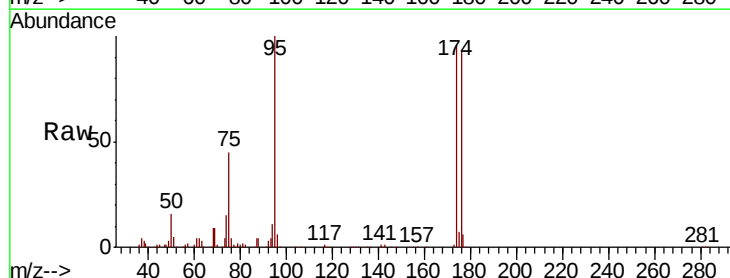
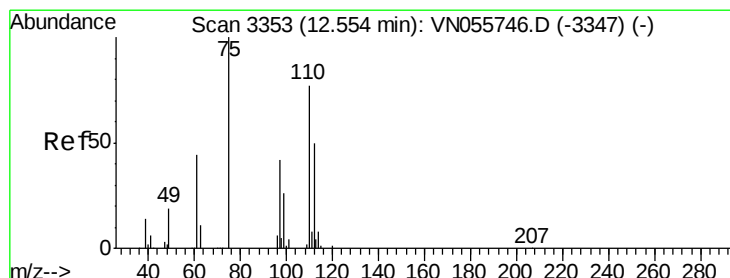
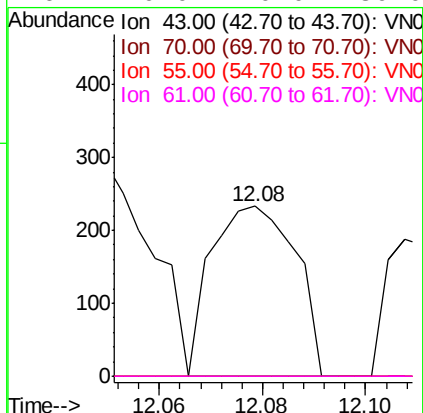
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 29.522 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055825.D

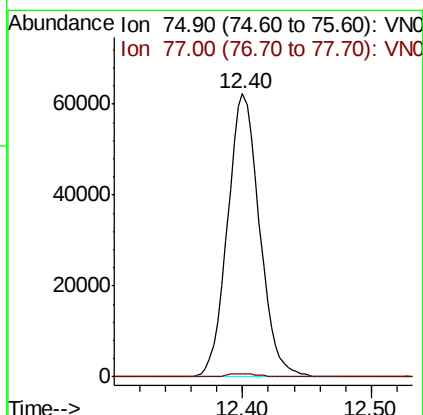
Acq: 25 May 2019 4:14

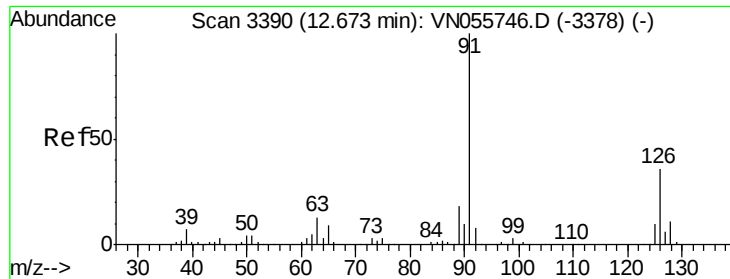
Tgt Ion: 75 Resp: 107194

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

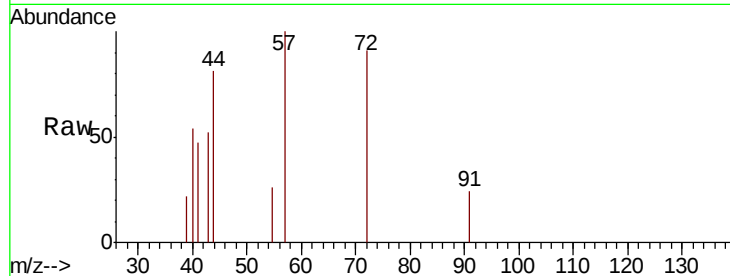
MW5-R1-1

Tot Ion: 91 Resp: 128

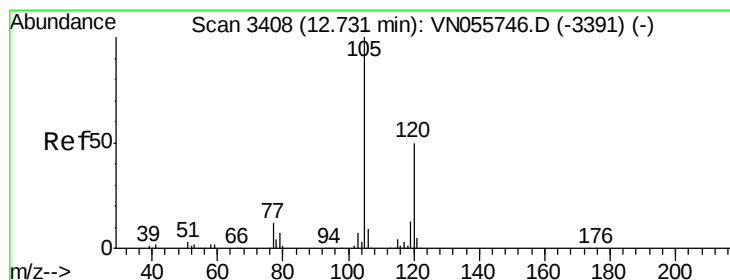
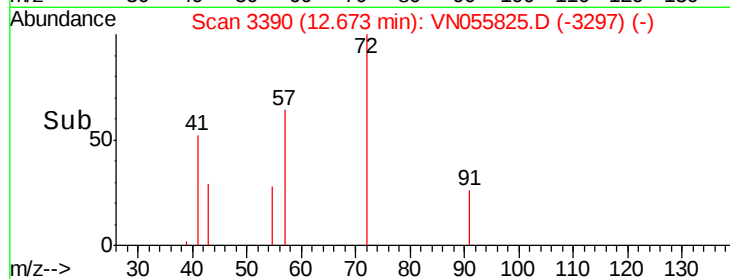
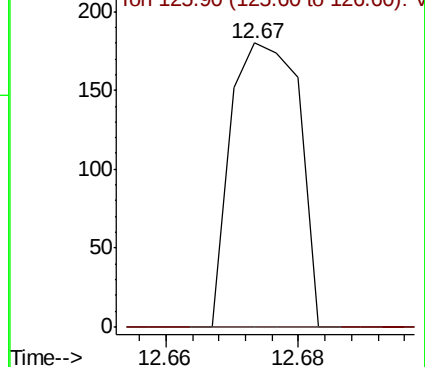
Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055825.D

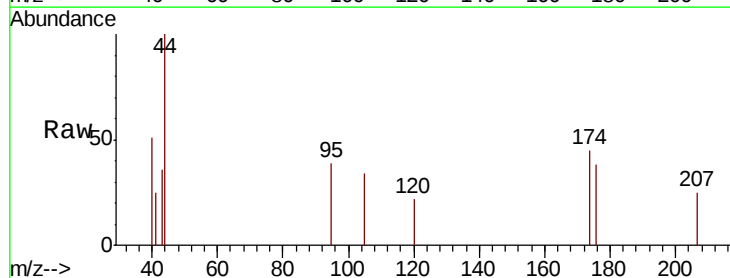
Acq: 25 May 2019 4:14

Tgt Ion: 105 Resp: 389

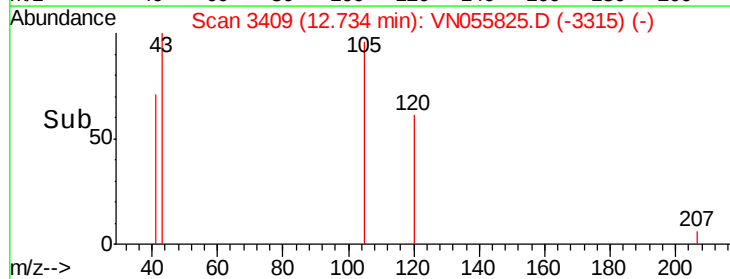
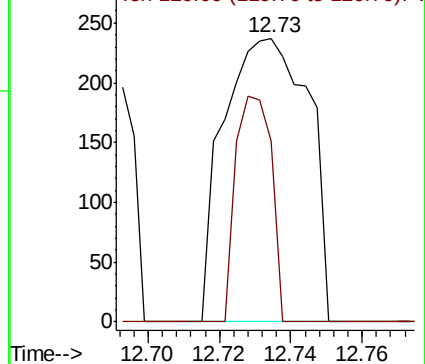
Ion Ratio Lower Upper

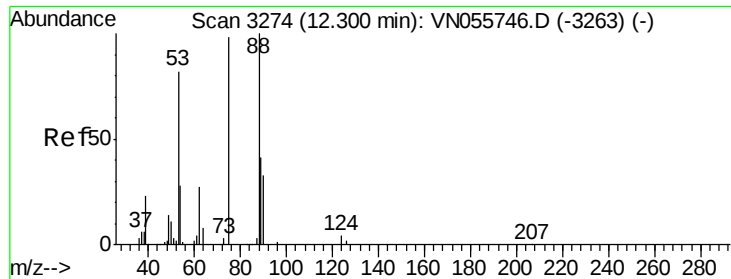
105 100

120 33.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 71.385 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampled :

MW5-R1-1

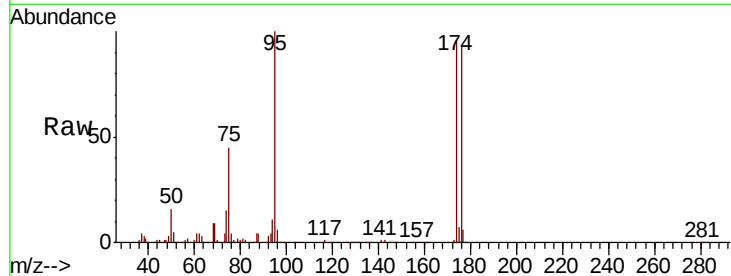
Tot Ion: 75 Resp: 107194

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

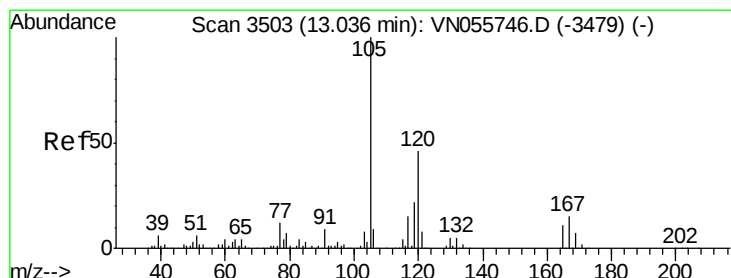
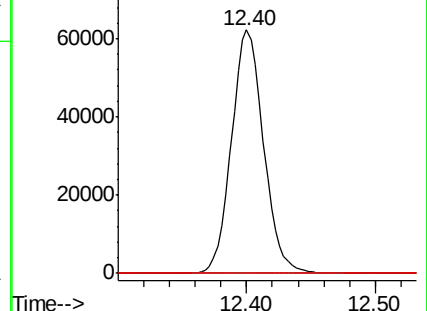
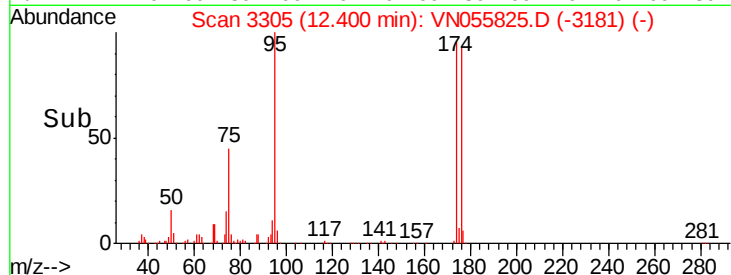
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055825.D

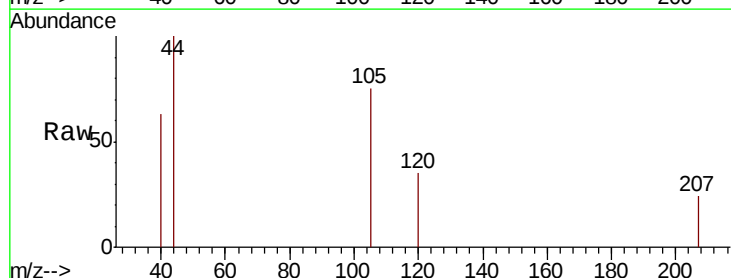
Acq: 25 May 2019 4:14

Tgt Ion: 105 Resp: 923

Ion Ratio Lower Upper

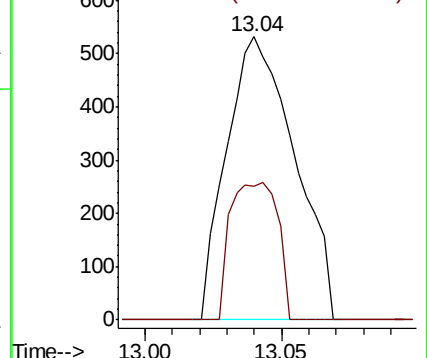
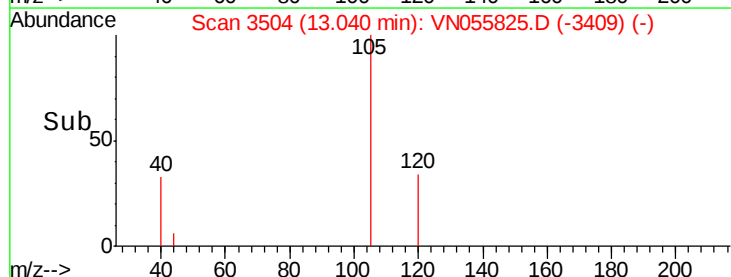
105 100

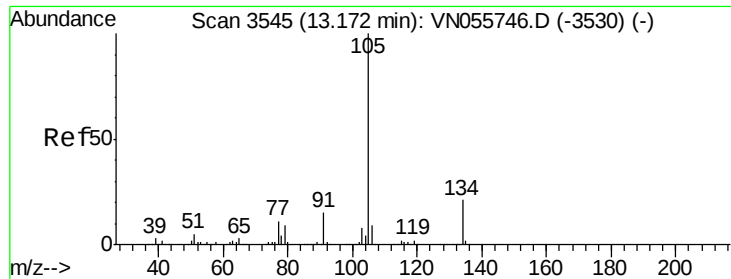
120 33.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN055825.D

Acq: 25 May 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

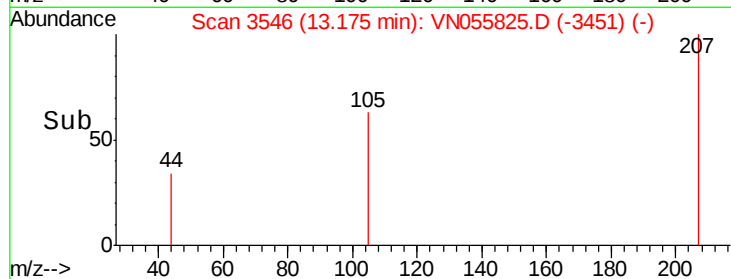
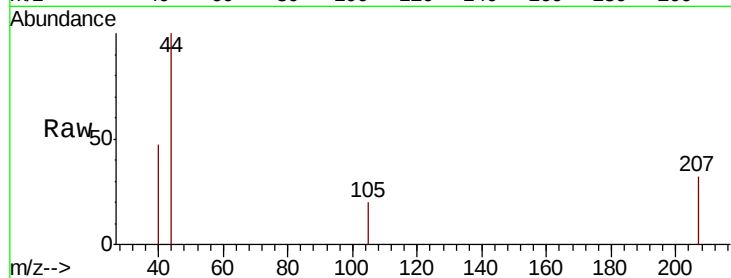
MW5-R1-1

Tot Ion:105 Resp: 30

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

150

100

50

0

Time-->