

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056190.D
 Acq On : 11 Jun 2019 00:59
 Operator : JC/SP
 Sample : K3214-03 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 02:25:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	319980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	486825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	221630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	171614	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
35) Dibromofluoromethane	7.59	113	160523	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
50) Toluene-d8	10.09	98	635463	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.40	95	230660	59.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.02%	

Target Compounds

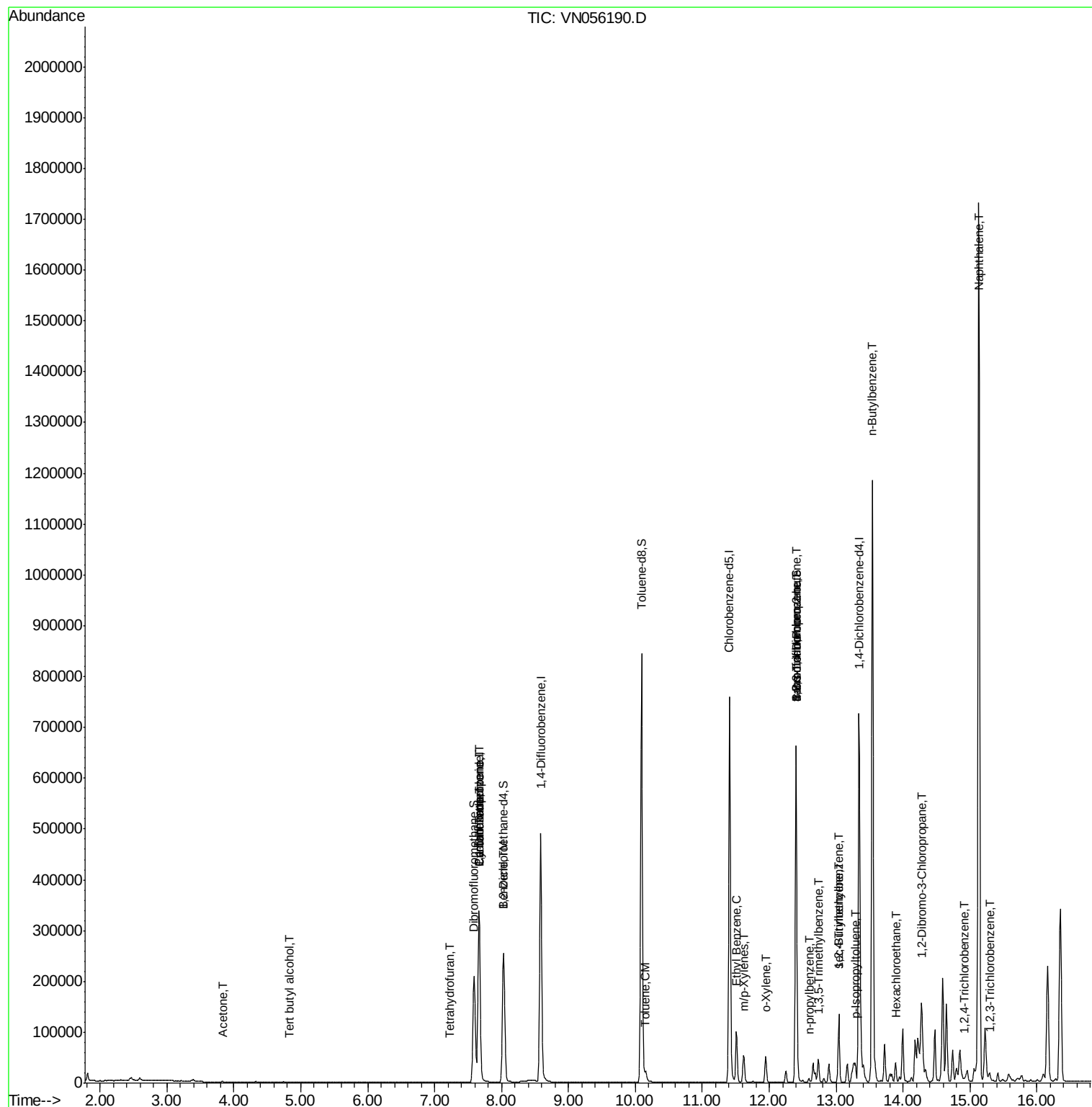
						Qvalue
11) Tert butyl alcohol	4.82	59	286	0.517	ug/l #	74
16) Acetone	3.83	43	2250	1.481	ug/l	88
29) Tetrahydrofuran	7.23	42	372	0.313	ug/l #	38
31) Cyclohexane	7.66	56	4520	0.897	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	18431	4.403	ug/l #	48
38) Carbon Tetrachloride	7.66	117	25703	6.660	ug/l #	15
40) Benzene	8.04	78	78897	6.206	ug/l	99
52) Toluene	10.16	92	6616	0.836	ug/l	100
67) Ethyl Benzene	11.51	91	77100	4.558	ug/l	98
68) m/p-Xylenes	11.62	106	19242	2.978	ug/l	99
69) o-Xylene	11.95	106	14777	2.325	ug/l	100
71) Bromoform	12.40	173	1583	3.273	ug/l #	1
73) Isopropylbenzene	12.25	105	16557	Below Cal		94
76) 1,2,3-Trichloropropane	12.40	75	105677	25.913	ug/l #	100
78) n-propylbenzene	12.59	91	7289	0.389	ug/l	99
79) 2-Chlorotoluene	12.65	91	2903	Below Cal	#	53
80) 1,3,5-Trimethylbenzene	12.73	105	25231	1.693	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	105677	86.296	ug/l #	15
83) tert-Butylbenzene	13.04	119	9737	Below Cal	#	69
84) 1,2,4-Trimethylbenzene	13.04	105	78135	5.529	ug/l	98
85) sec-Butylbenzene	13.04	105	78135	4.706	ug/l #	55
86) p-Isopropyltoluene	13.29	119	19369	1.303	ug/l	96
89) n-Butylbenzene	13.54	91	96793	8.793	ug/l #	42
90) Hexachloroethane	13.89	117	2635	1.176	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3325	4.518	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	857	4.462	ug/l #	77
94) Hexachlorobutadiene	15.01	225	58	Below Cal	#	19
95) Naphthalene	15.13	128	1580473	141.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1228	3.308	ug/l #	73

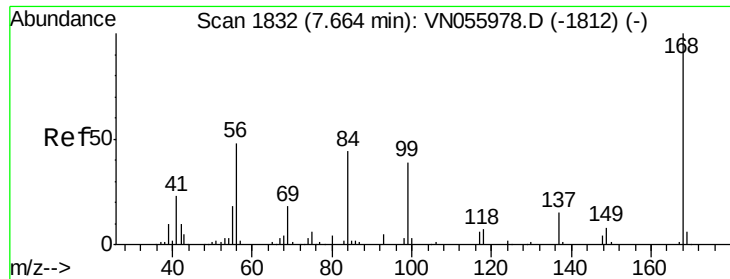
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 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: VN056190.D

Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

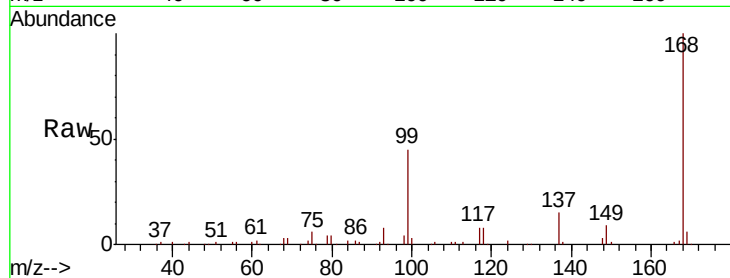
ClientSampleId :

Tot Ion:168 Resp: 319980

Ion Ratio Lower Upper

168 100

99 45.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

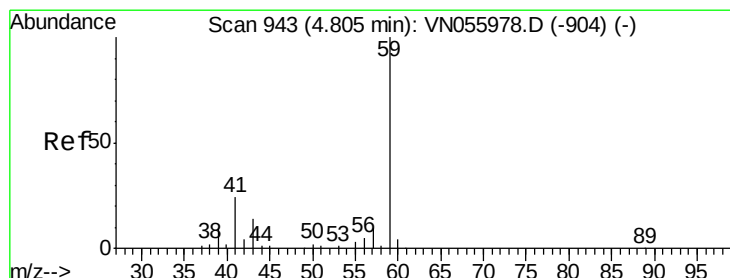
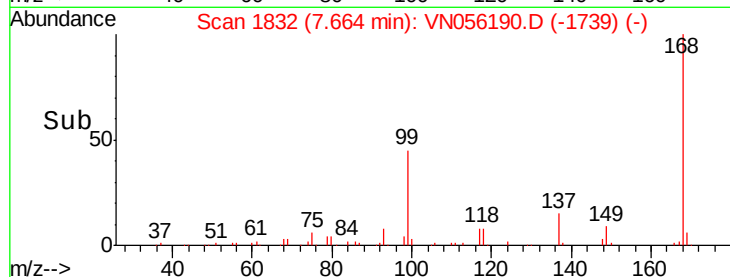
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.517 ug/l

RT: 4.82 min Scan# 949

Delta R.T. 0.02 min

Lab File: VN056190.D

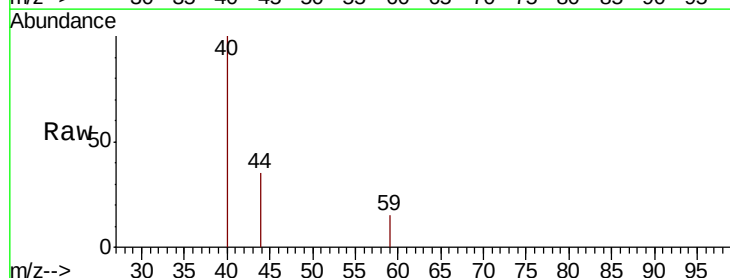
Acq: 11 Jun 2019 00:59

Tgt Ion: 59 Resp: 286

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

250

200

150

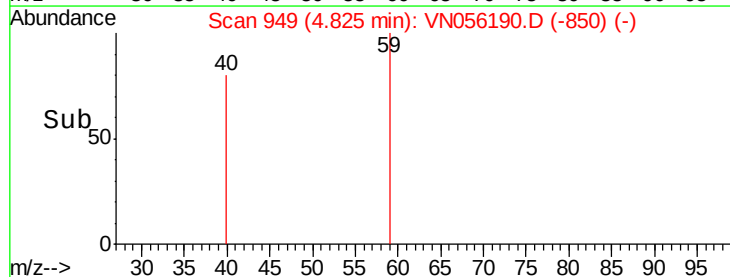
100

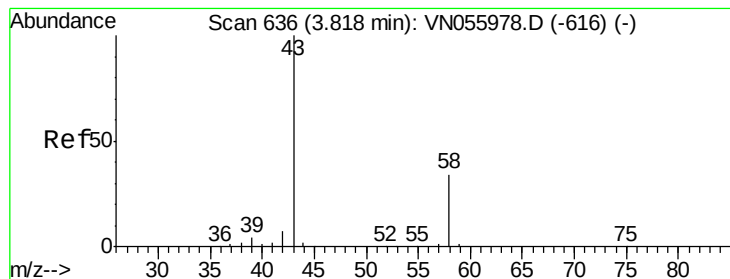
50

0

4.80 4.82 4.84

Time-->





#16

Acetone

Concen: 1.481 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

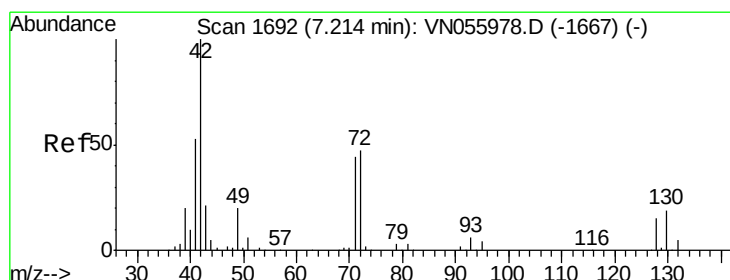
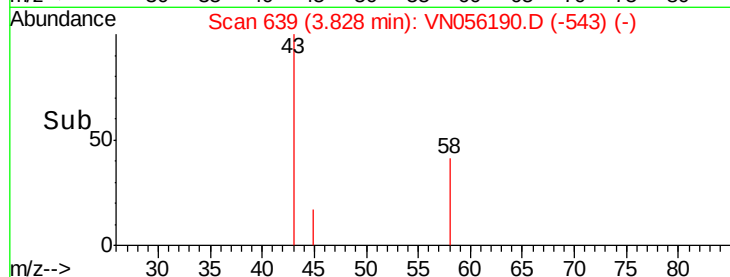
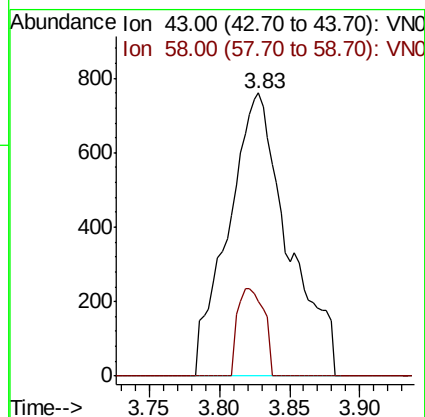
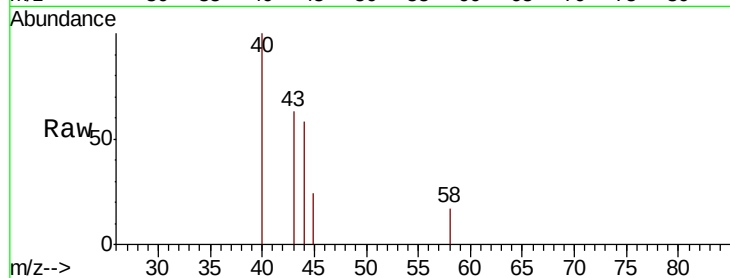
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2250

Ion Ratio Lower Upper

43 100

58 26.6 26.6 39.8



#29

Tetrahydrofuran

Concen: 0.313 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

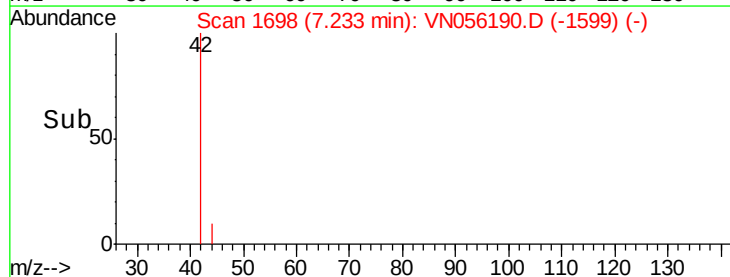
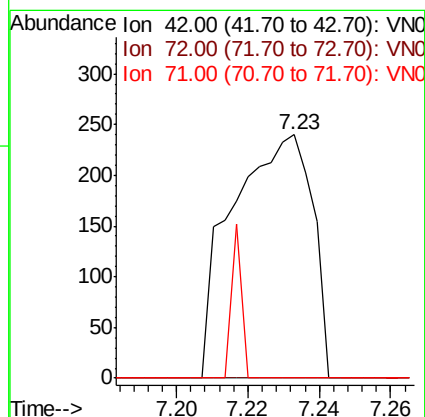
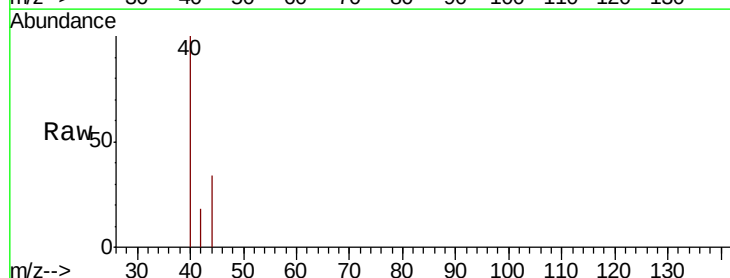
Tgt Ion: 42 Resp: 372

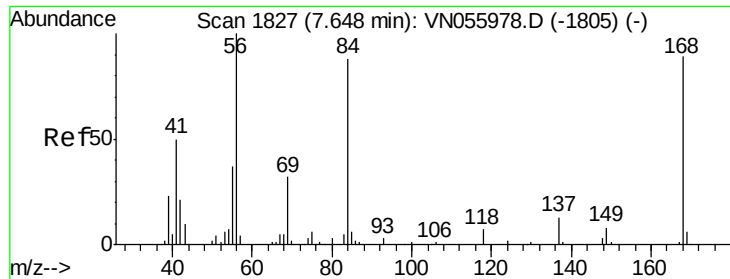
Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 7.8 34.0 51.0#

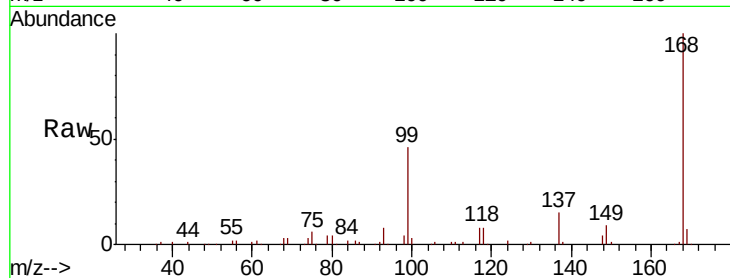




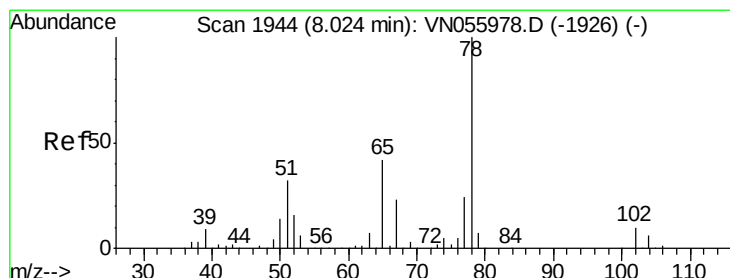
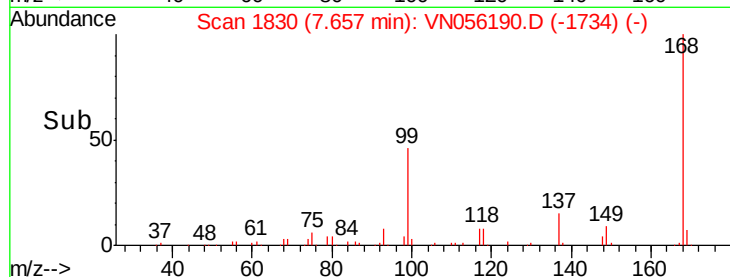
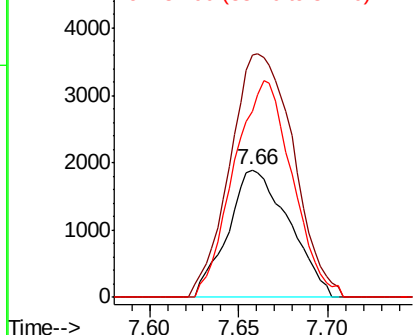
#31
Cyclohexane
Concen: 0.897 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN056190.D
Acq: 11 Jun 2019 00:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 4520
Ion Ratio Lower Upper
56 100
69 190.7 25.6 38.4#
84 146.1 67.4 101.0#

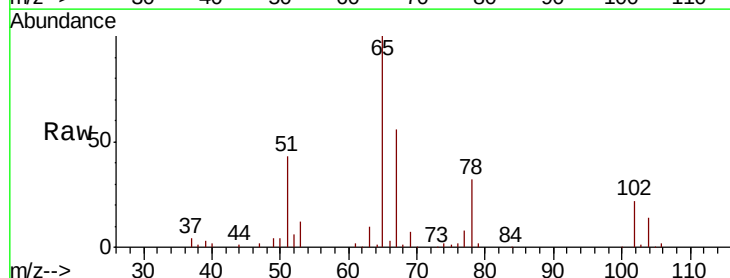


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

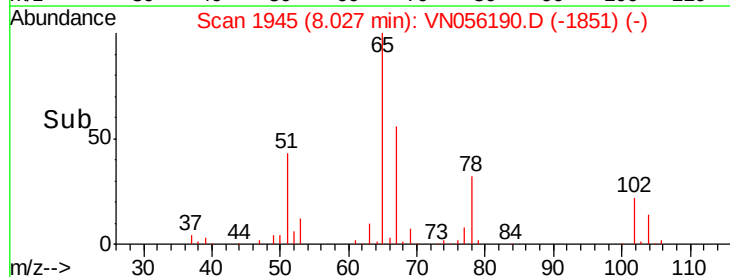
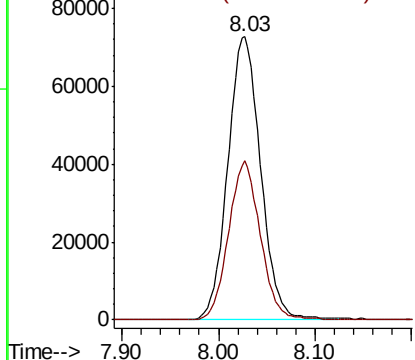


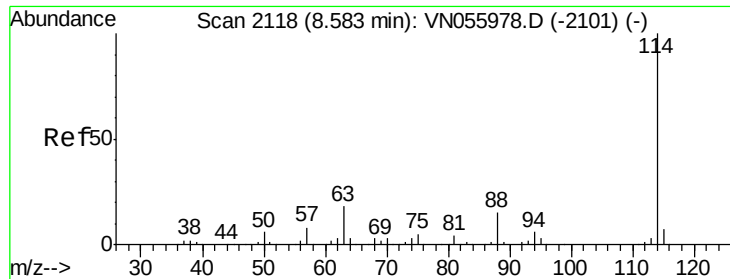
#33
1,2-Dichloroethane-d4
Concen: 54.015 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056190.D
Acq: 11 Jun 2019 00:59

Tgt Ion: 65 Resp: 171614
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

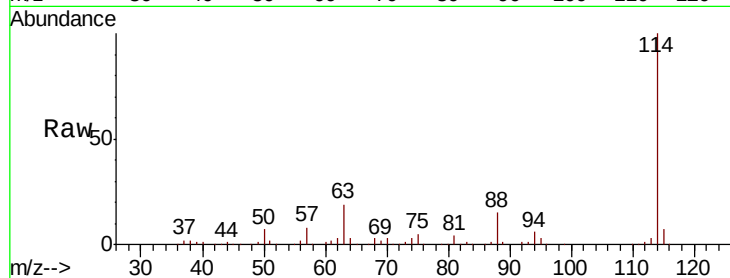




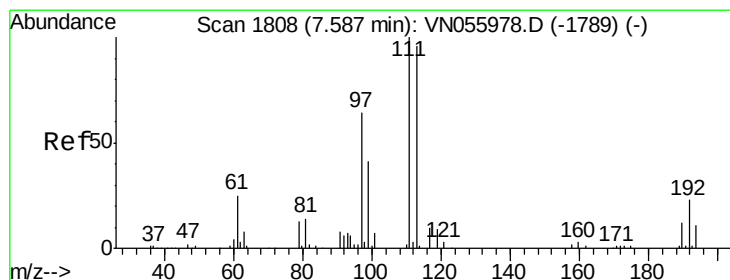
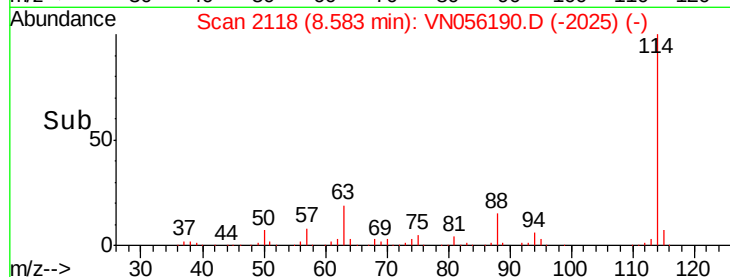
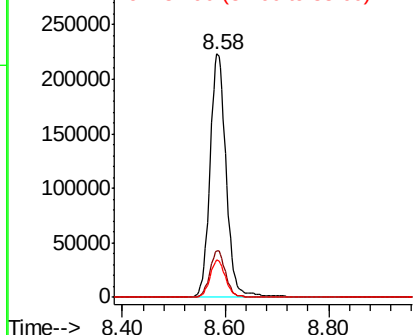
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056190.D
Acq: 11 Jun 2019 00:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 486825
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 15.2 0.0 31.0

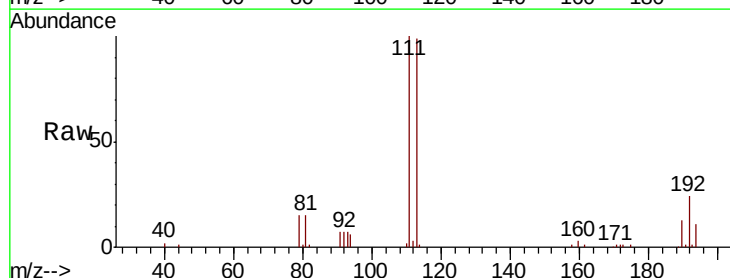


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

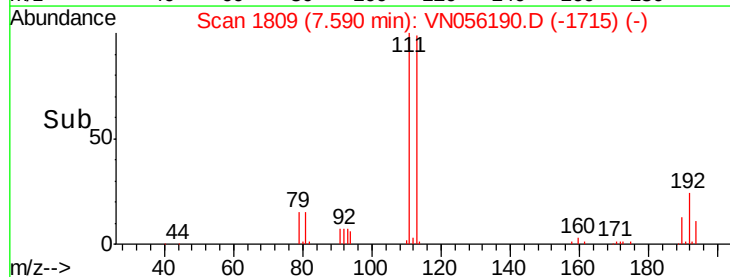
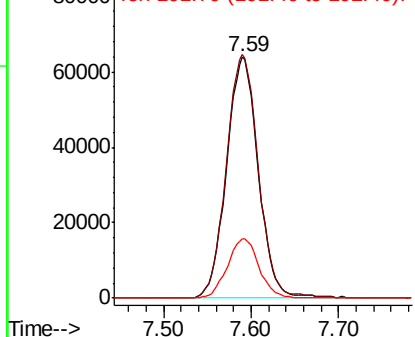


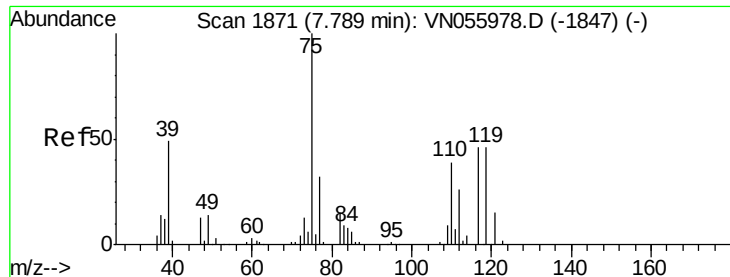
#35
Dibromofluoromethane
Concen: 53.744 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056190.D
Acq: 11 Jun 2019 00:59

Tgt Ion:113 Resp: 160523
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 24.5 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

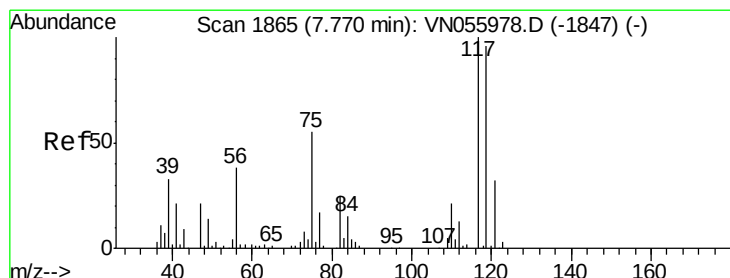
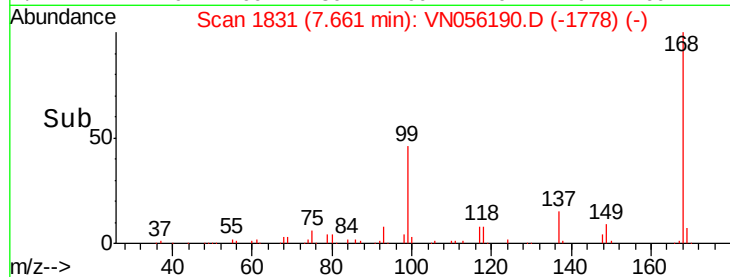
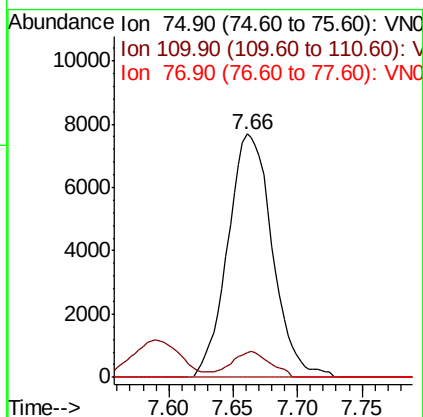
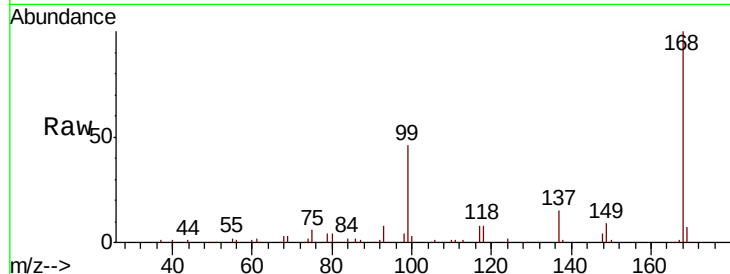




#36
 1,1-Dichloropropene
 Concen: 4.403 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056190.D
 Acq: 11 Jun 2019 00:59

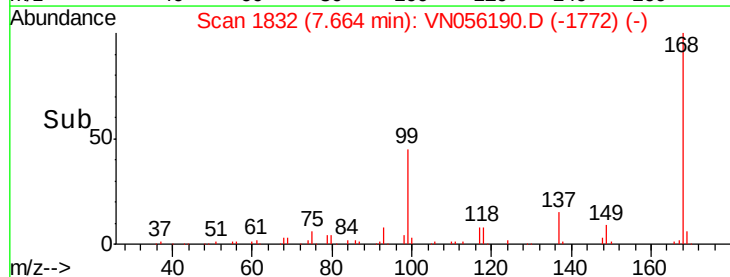
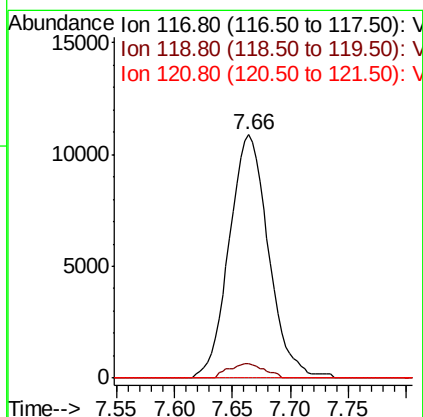
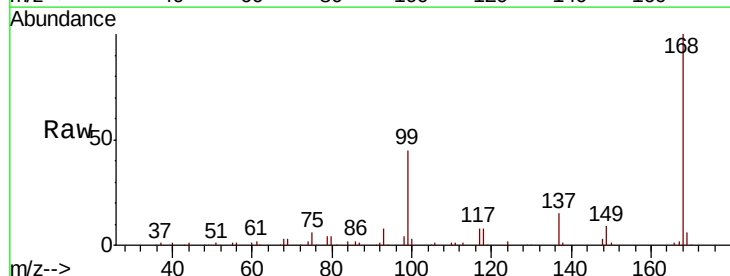
Instrument :
 MSVOA_N
 ClientSampled :

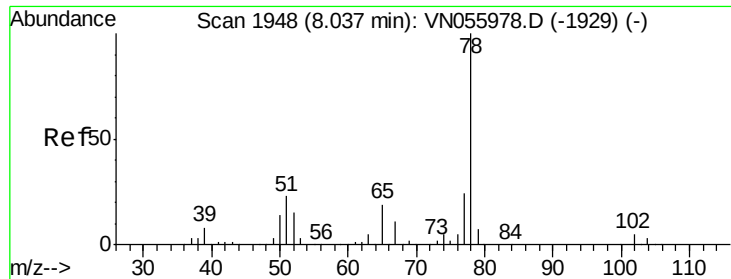
Tot Ion	75	Resp	18431
Ion Ratio	Lower	Upper	
75	100		
110	9.4	19.0	57.0#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.660 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056190.D
 Acq: 11 Jun 2019 00:59

Tgt Ion	117	Resp	25703
Ion Ratio	Lower	Upper	
117	100		
119	5.8	79.0	118.6#
121	0.0	24.7	37.1#





#40

Benzene

Concen: 6.206 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

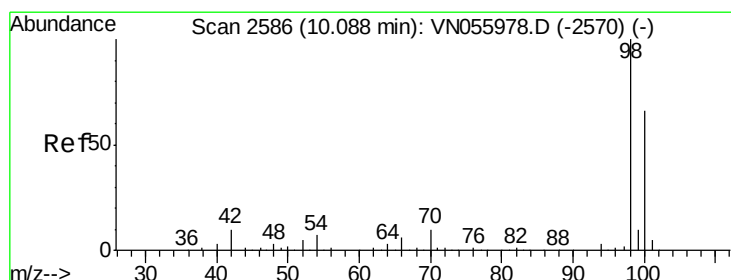
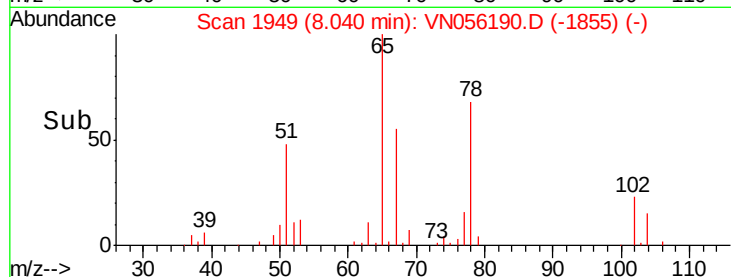
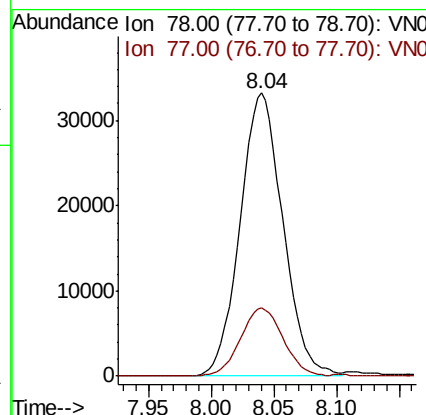
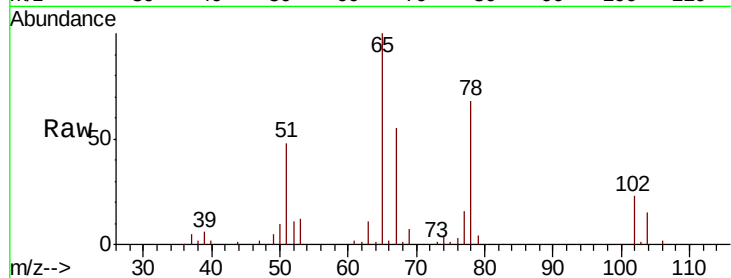
ClientSampled :

Tot Ion: 78 Resp: 78897

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



#50

Toluene-d8

Concen: 55.290 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056190.D

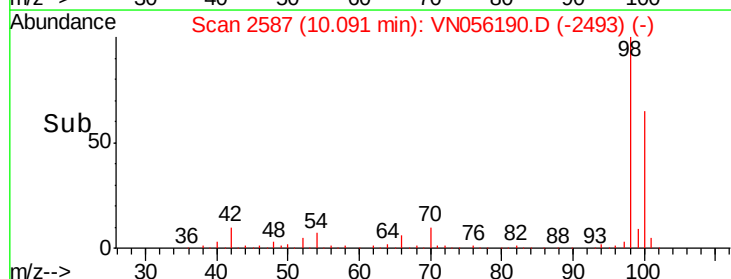
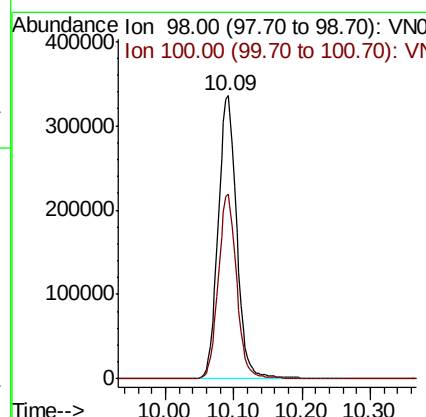
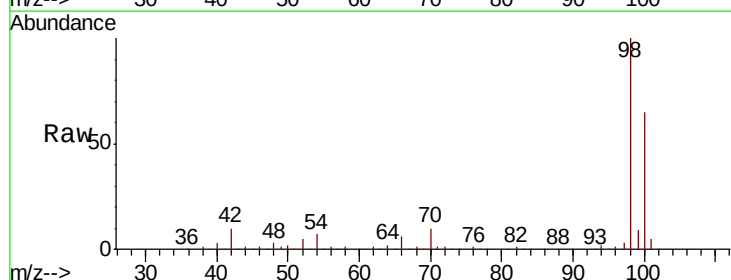
Acq: 11 Jun 2019 00:59

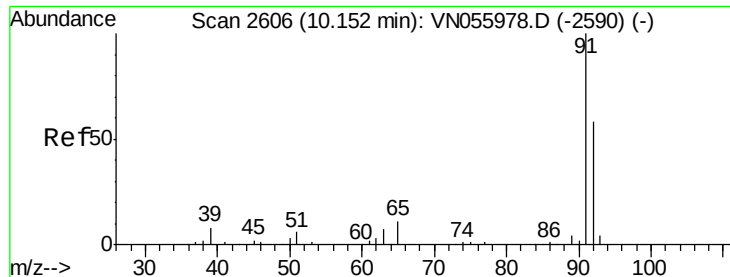
Tgt Ion: 98 Resp: 635463

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9





#52

Toluene

Concen: 0.836 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

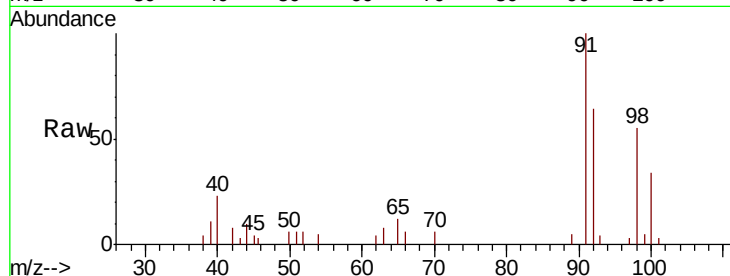
ClientSampleId :

Tot Ion: 92 Resp: 6616

Ion Ratio Lower Upper

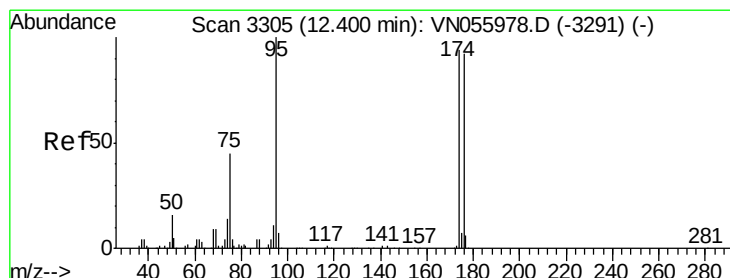
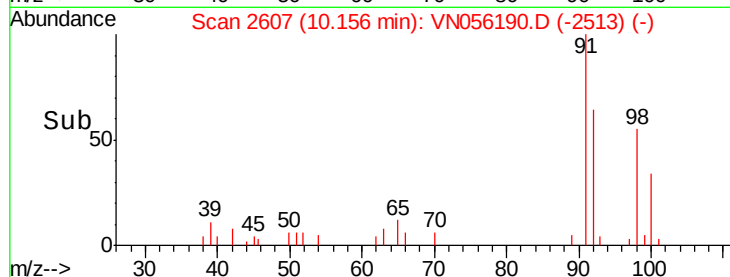
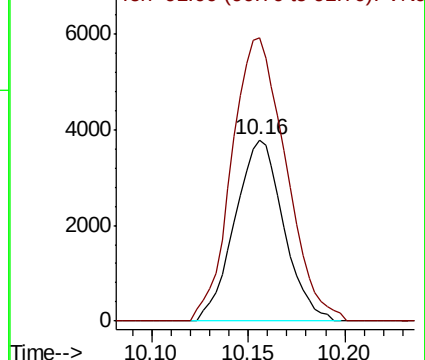
92 100

91 173.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 59.013 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

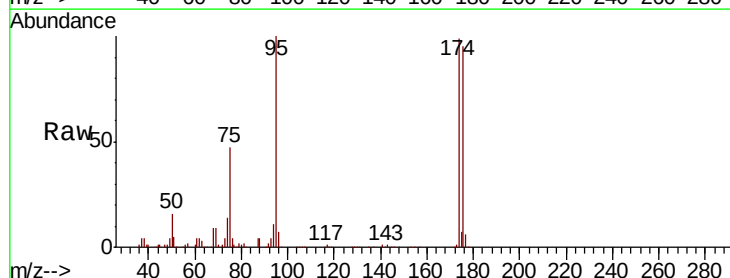
Tgt Ion: 95 Resp: 230660

Ion Ratio Lower Upper

95 100

174 97.9 0.0 191.0

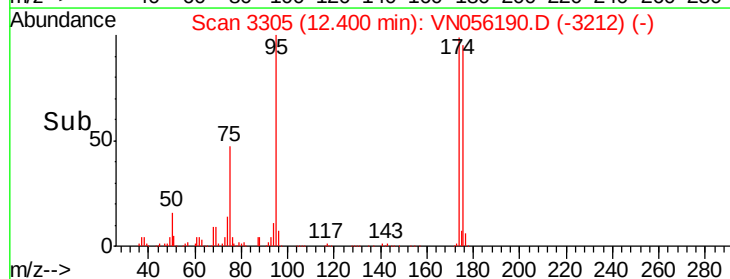
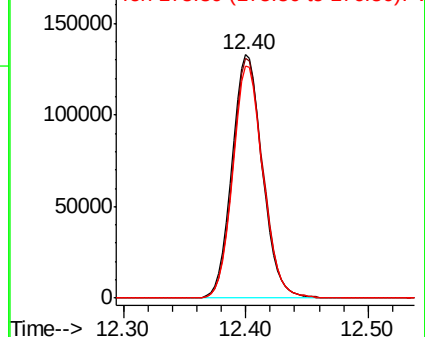
176 94.9 0.0 185.2

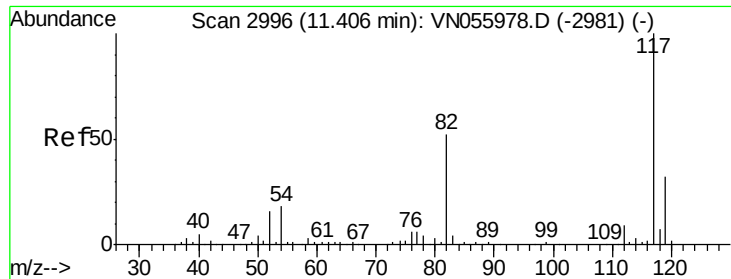


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

ClientSampled :

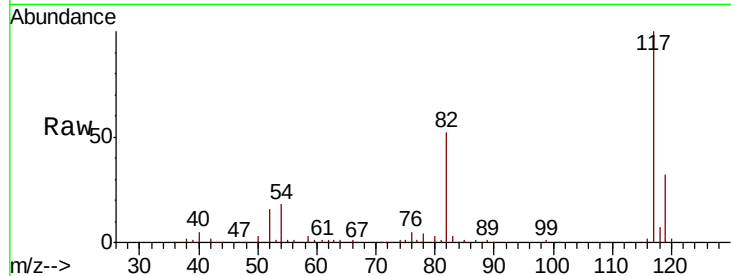
Tot Ion:117 Resp: 488782

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

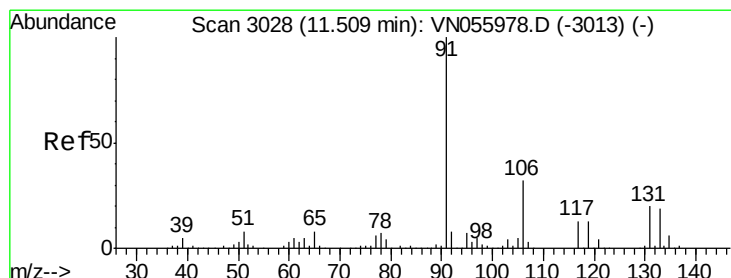
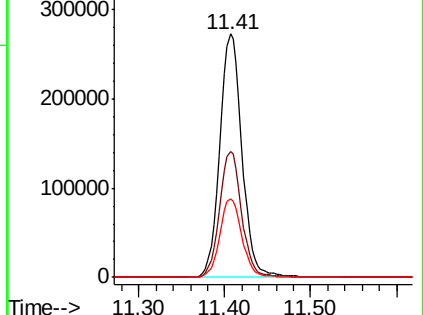
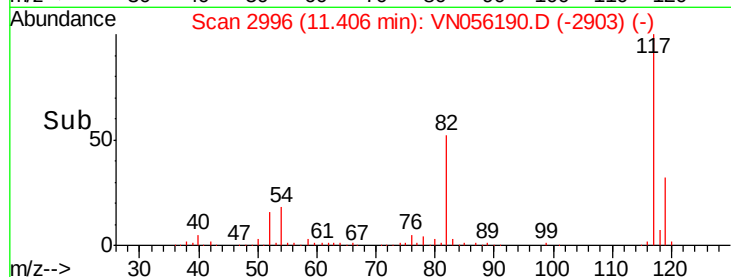
119 32.3 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 4.558 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056190.D

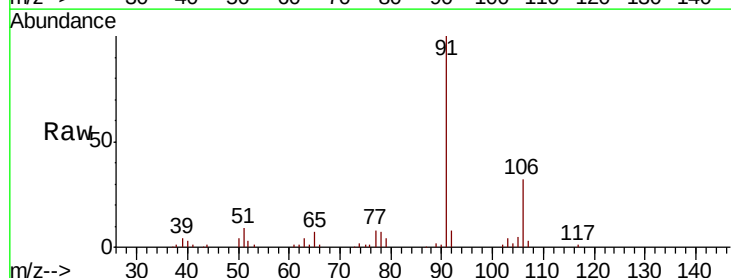
Acq: 11 Jun 2019 00:59

Tgt Ion: 91 Resp: 77100

Ion Ratio Lower Upper

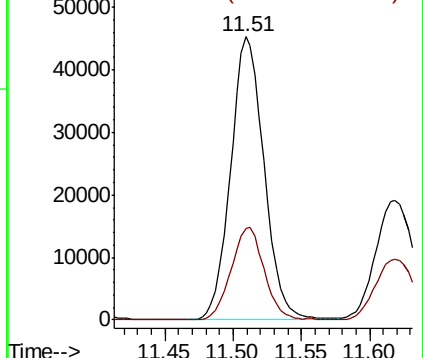
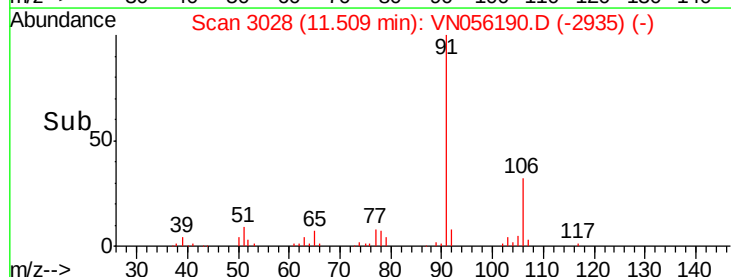
91 100

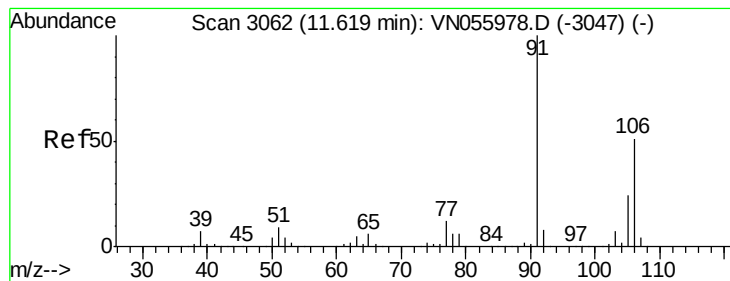
106 32.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 2.978 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

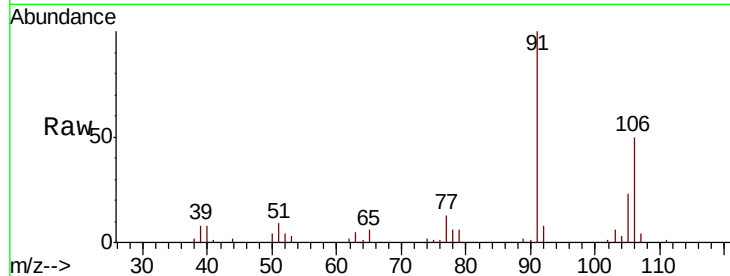
ClientSampleId :

Tot Ion:106 Resp: 19242

Ion Ratio Lower Upper

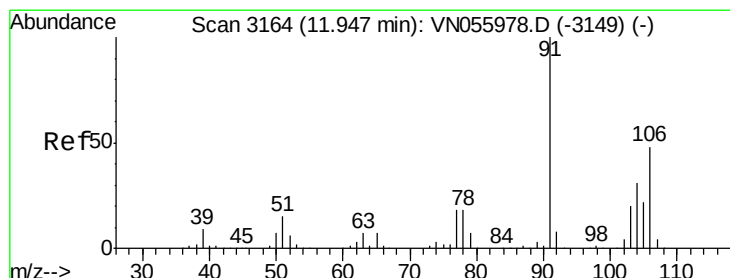
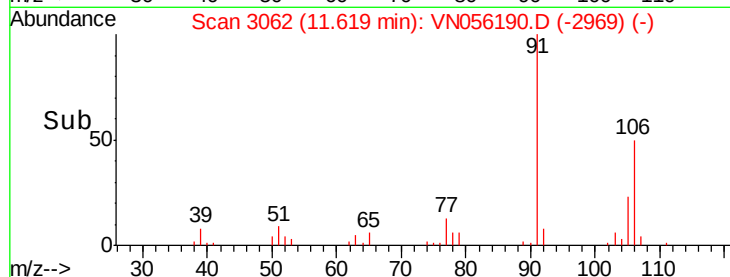
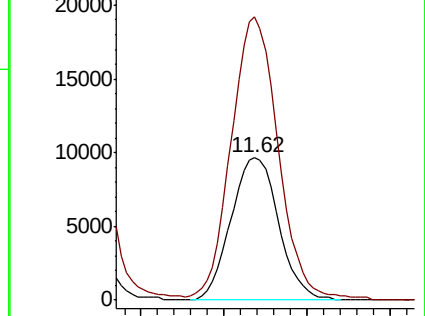
106 100

91 197.7 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 2.325 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN056190.D

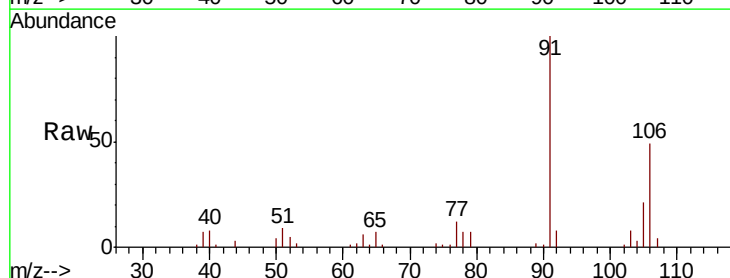
Acq: 11 Jun 2019 00:59

Tgt Ion:106 Resp: 14777

Ion Ratio Lower Upper

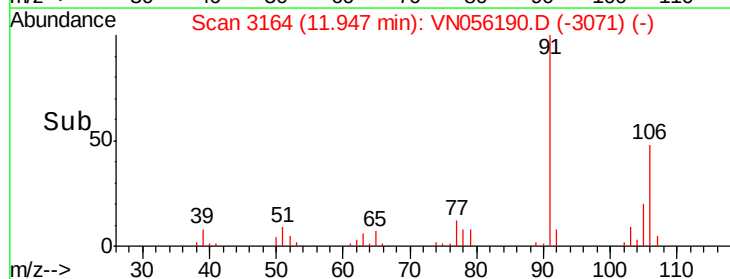
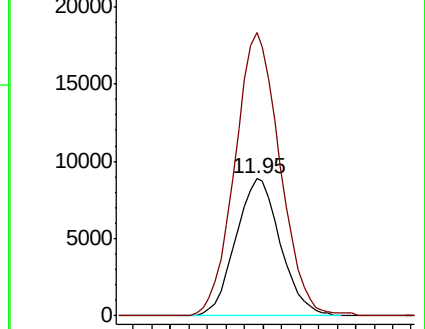
106 100

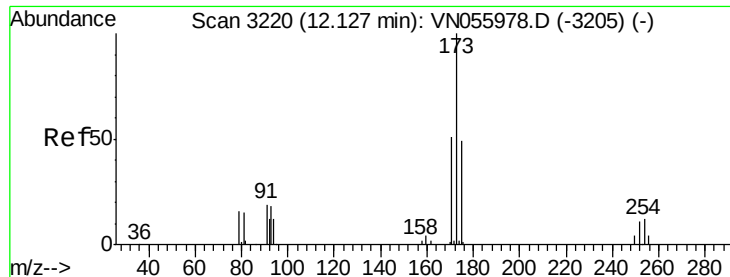
91 209.5 104.7 314.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 3.273 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

ClientSampleId :

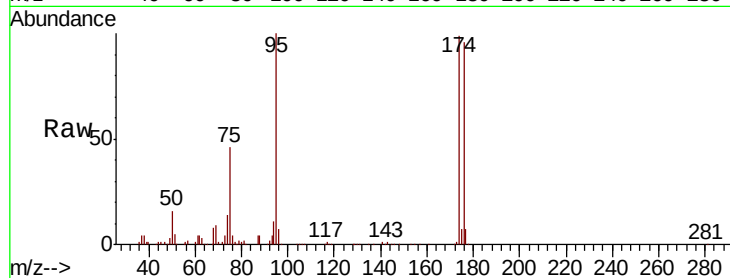
Tot Ion:173 Resp: 1583

Ion Ratio Lower Upper

173 100

175 903.5 24.3 72.8#

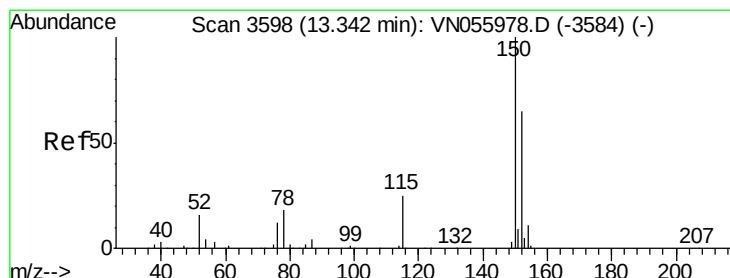
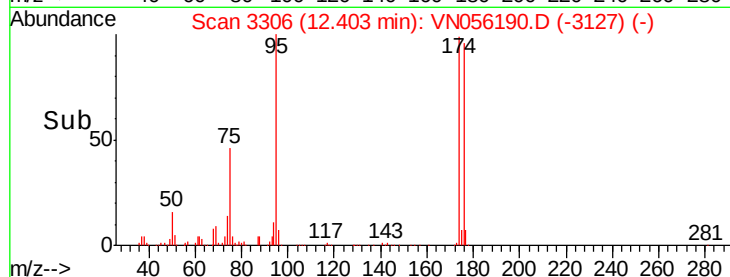
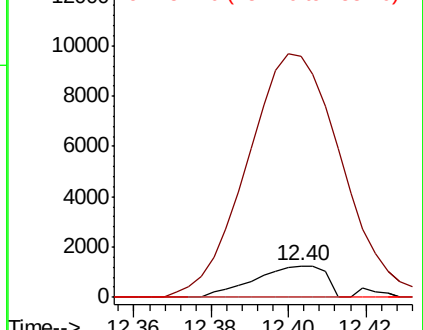
254 0.0 0.0 0.0



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: VN056190.D

Acq: 11 Jun 2019 00:59

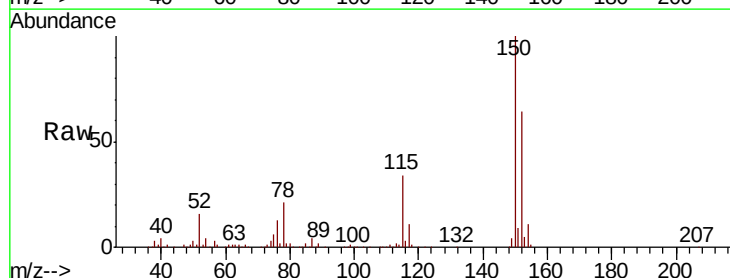
Tgt Ion:152 Resp: 221630

Ion Ratio Lower Upper

152 100

115 52.3 27.0 81.0

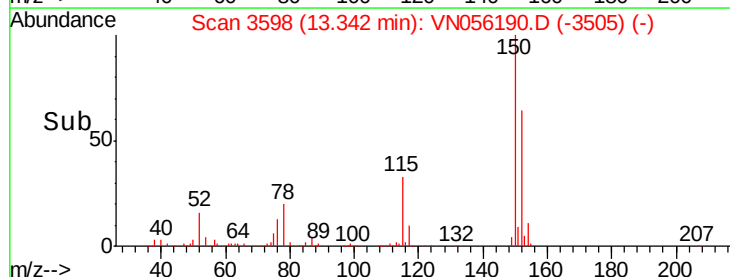
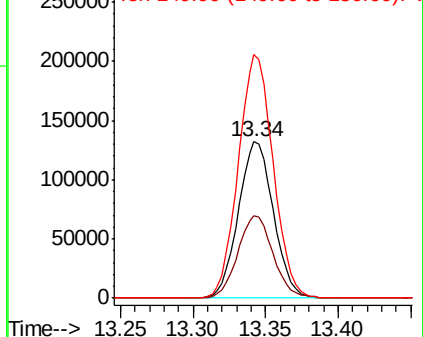
150 155.1 0.0 343.2

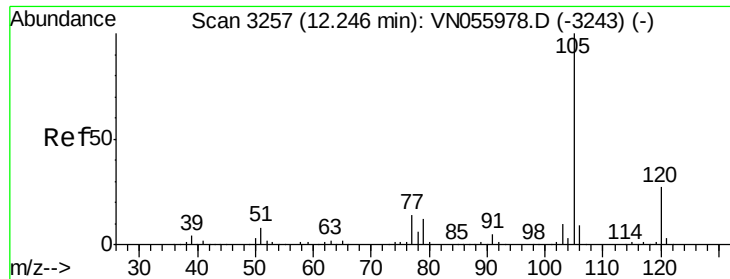


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN056190.D

Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

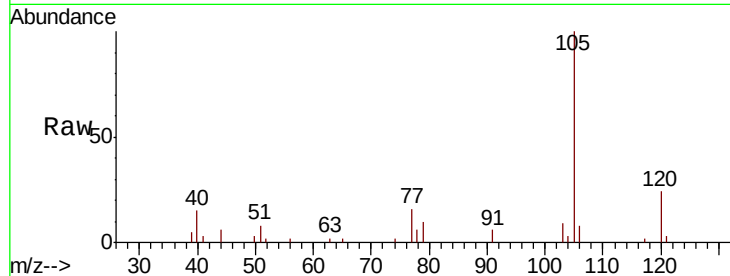
ClientSampled :

Tot Ion:105 Resp: 16557

Ion Ratio Lower Upper

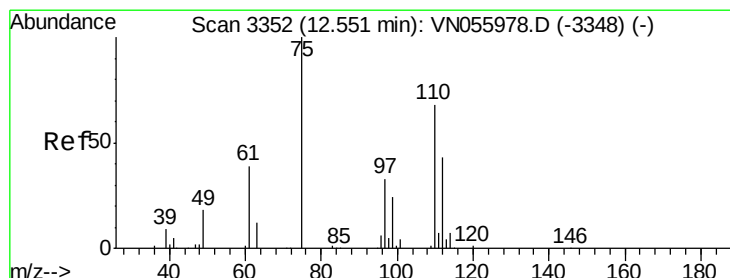
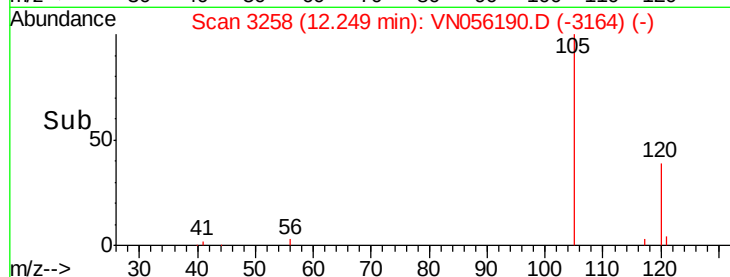
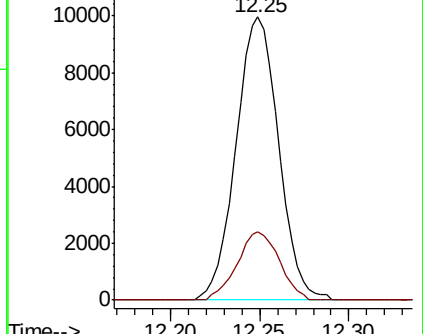
105 100

120 24.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 25.913 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056190.D

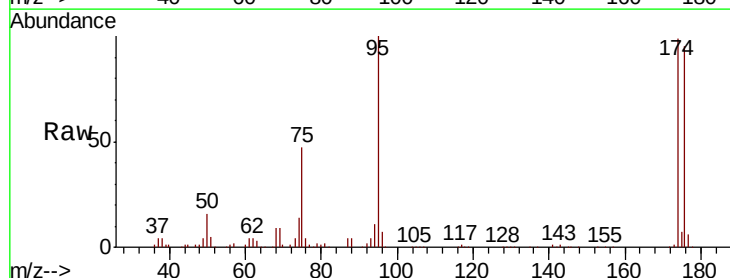
Acq: 11 Jun 2019 00:59

Tgt Ion: 75 Resp: 105677

Ion Ratio Lower Upper

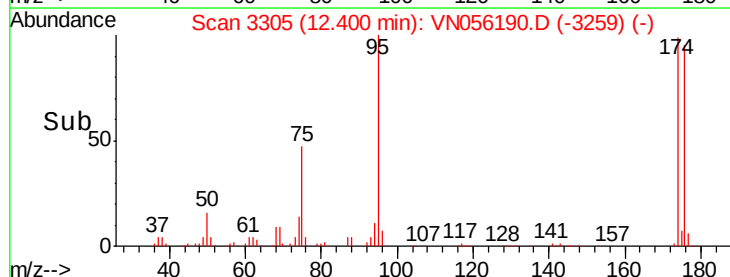
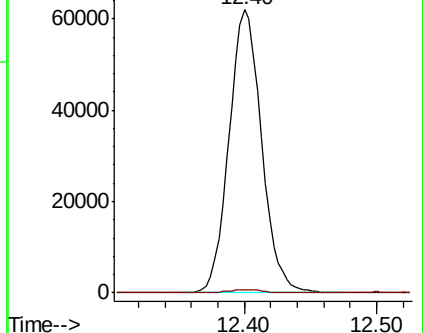
75 100

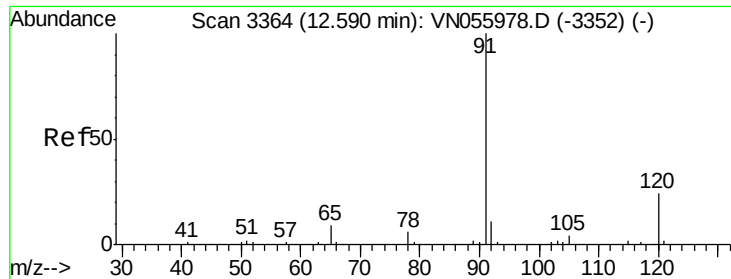
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

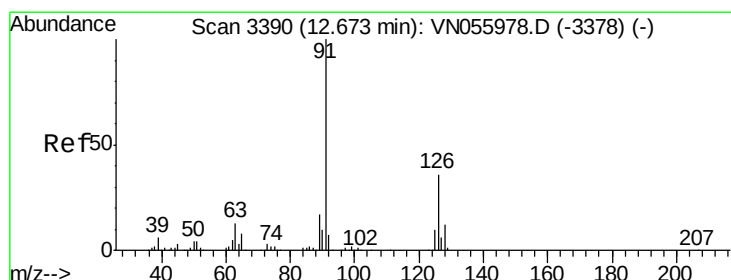
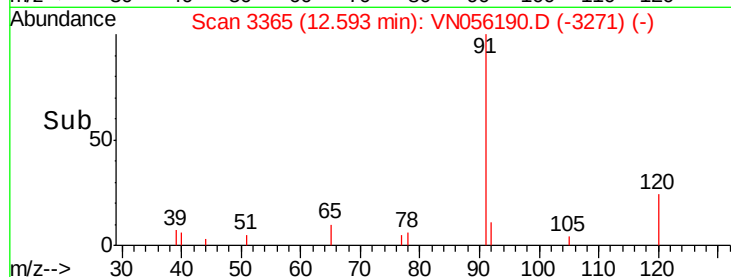
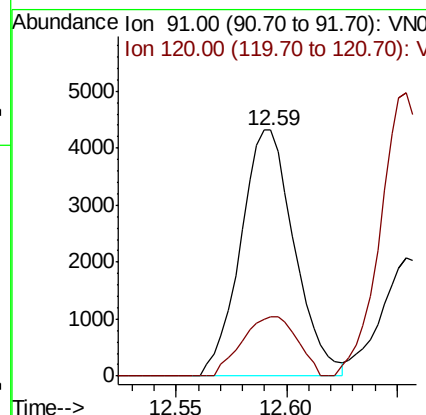
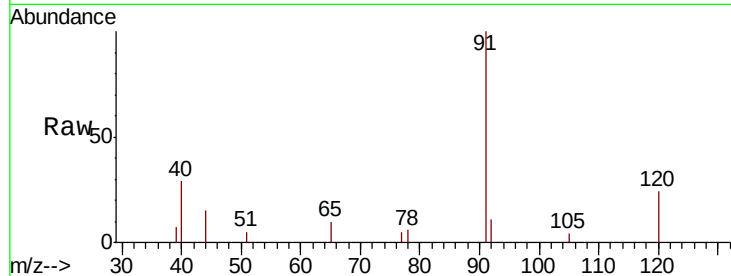




#78
n-propylbenzene
Concen: 0.389 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN056190.D
Acq: 11 Jun 2019 00:59

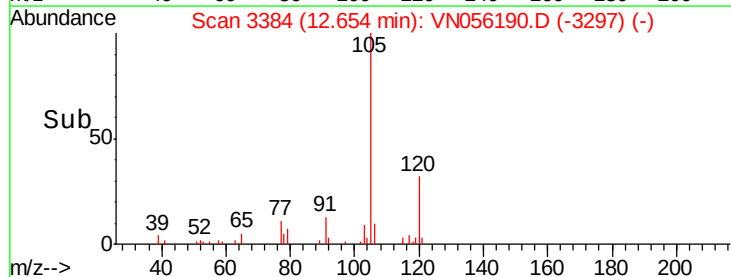
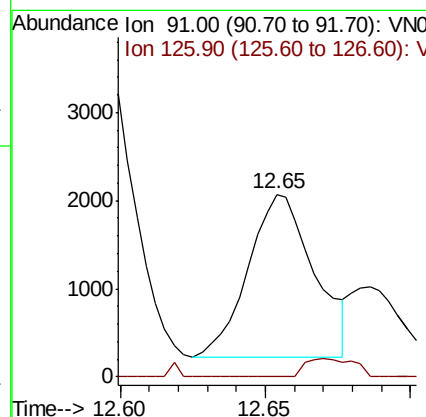
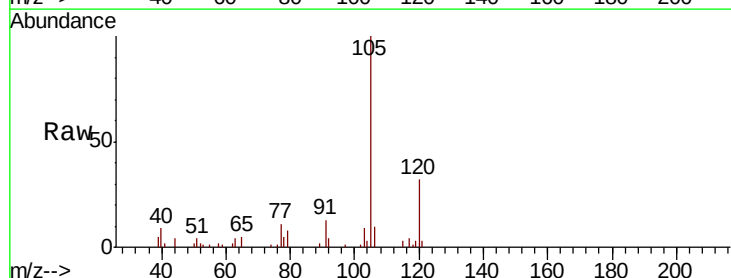
Instrument :
MSVOA_N
ClientSampled :

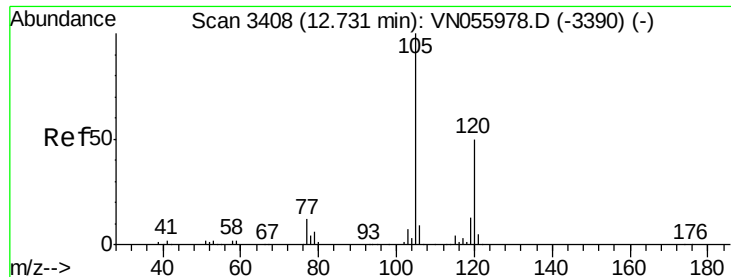
Tot Ion: 91 Resp: 7289
Ion Ratio Lower Upper
91 100
120 24.7 12.0 36.0



#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.65 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VN056190.D
Acq: 11 Jun 2019 00:59

Tgt Ion: 91 Resp: 2903
Ion Ratio Lower Upper
91 100
126 8.4 18.1 54.4#

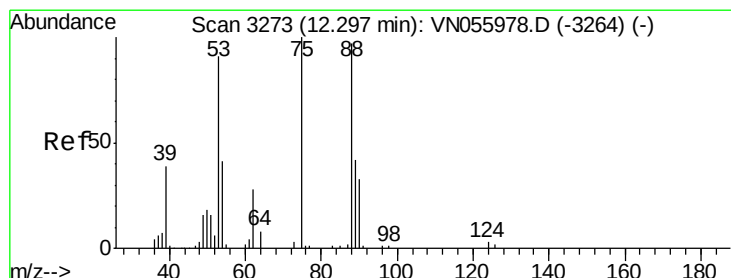
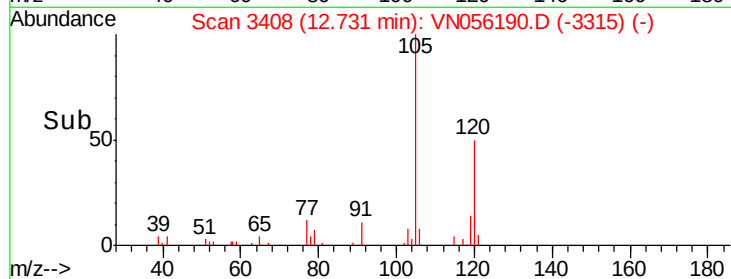
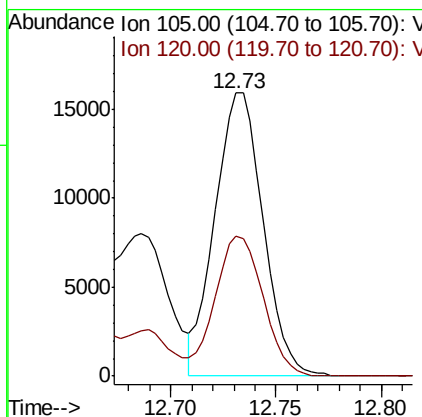
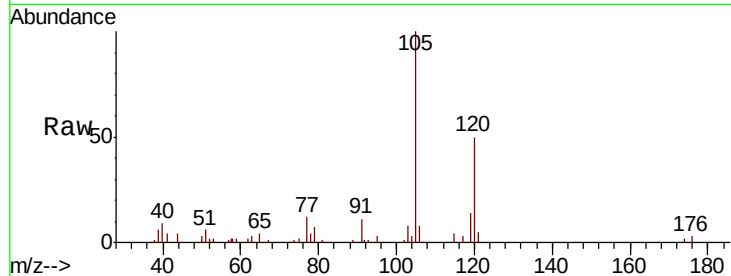




#80
 1,3,5-Trimethylbenzene
 Concen: 1.693 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056190.D
 Acq: 11 Jun 2019 00:59

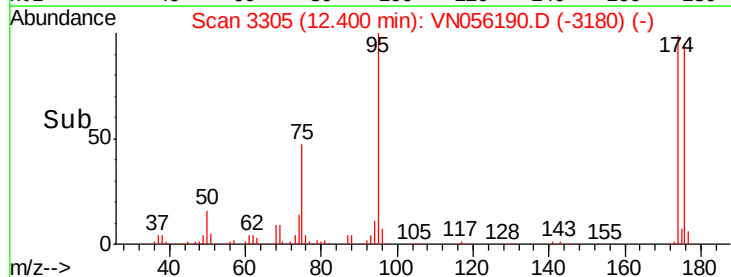
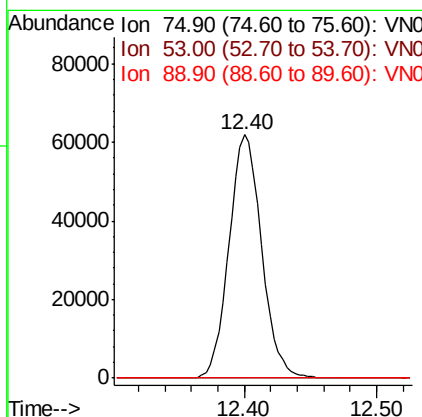
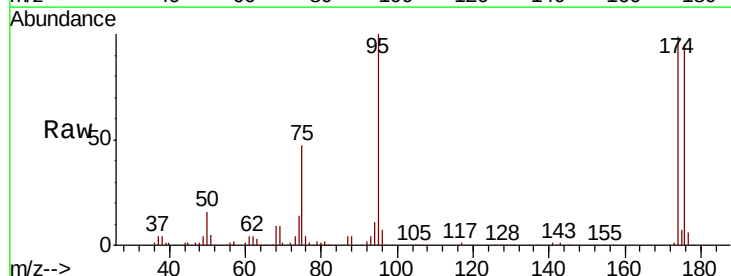
Instrument :
 MSVOA_N
 ClientSampleId :

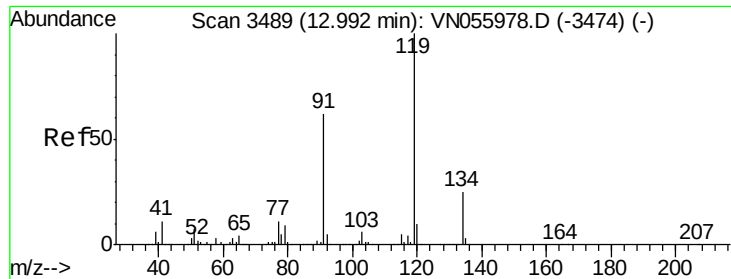
Tot Ion:105 Resp: 25231
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.296 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056190.D
 Acq: 11 Jun 2019 00:59

Tgt Ion: 75 Resp: 105677
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.1 102.1#
 89 0.0 36.9 55.3#

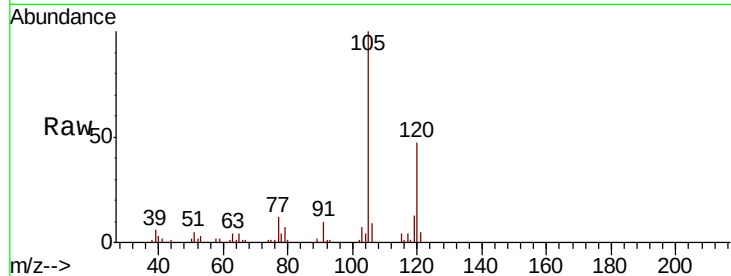




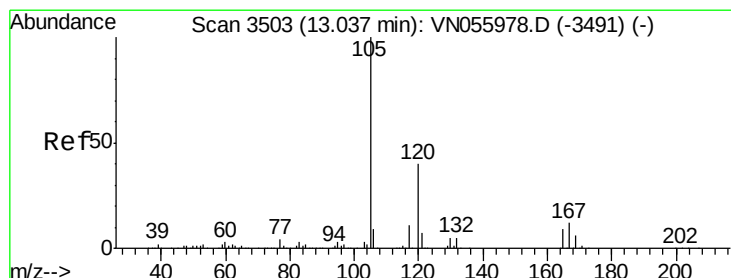
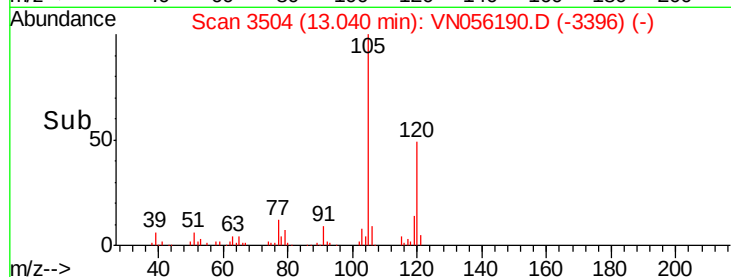
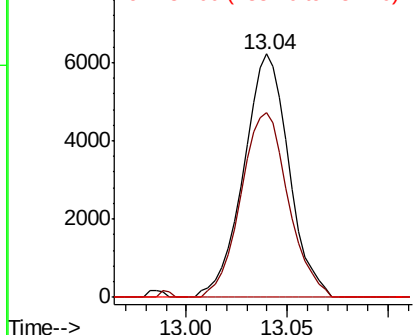
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN056190.D
Acq: 11 Jun 2019 00:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 9737
Ion Ratio Lower Upper
119 100
91 79.4 30.9 92.8
134 0.0 13.3 39.8#

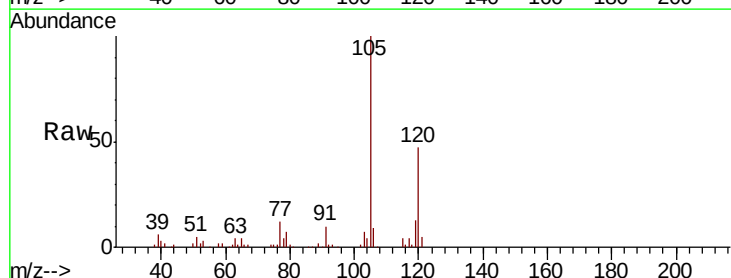


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

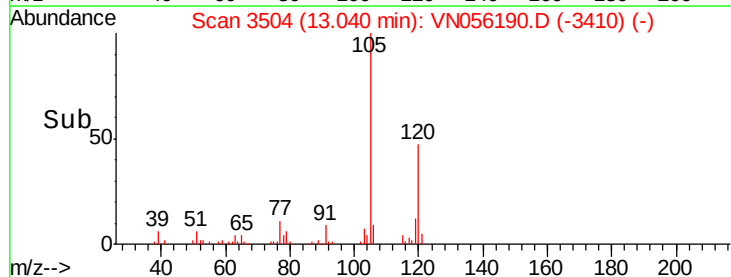
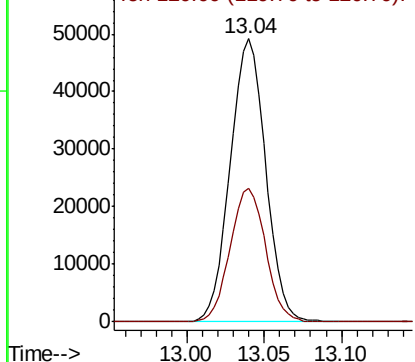


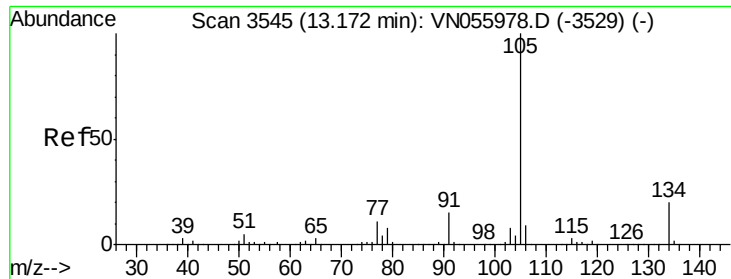
#84
1,2,4-Trimethylbenzene
Concen: 5.529 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056190.D
Acq: 11 Jun 2019 00:59

Tgt Ion:105 Resp: 78135
Ion Ratio Lower Upper
105 100
120 47.1 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: 4.706 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

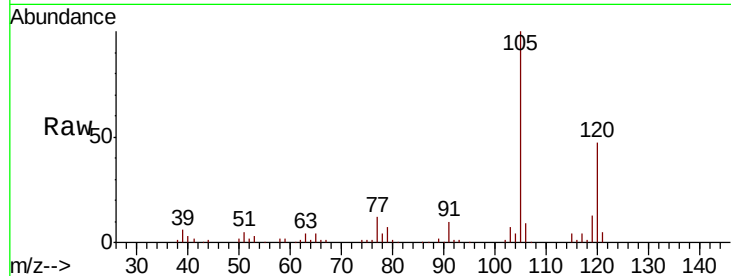
ClientSampled :

Tot Ion:105 Resp: 78135

Ion Ratio Lower Upper

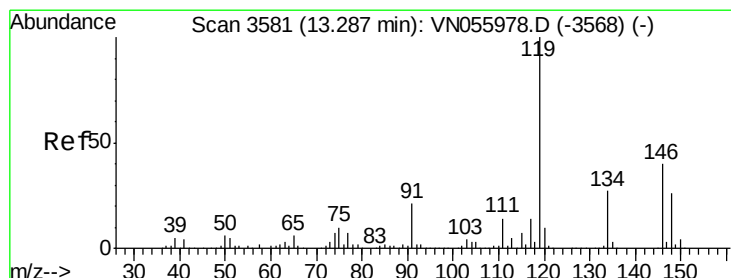
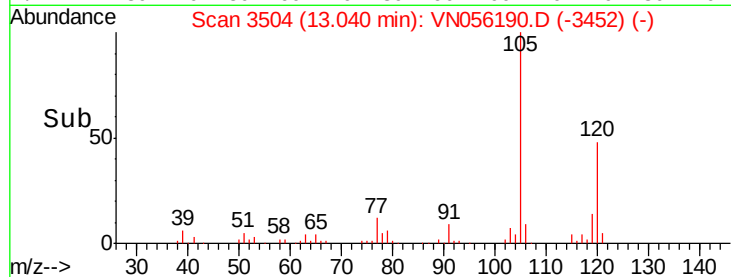
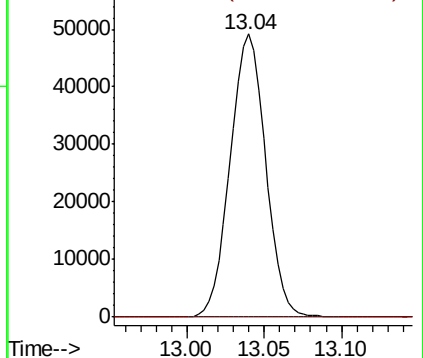
105 100

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



#86

p-Isopropyltoluene

Concen: 1.303 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

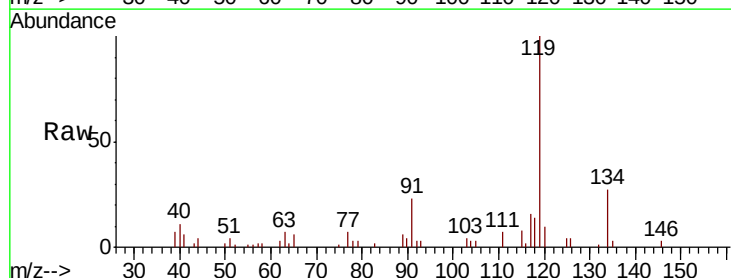
Tgt Ion:119 Resp: 19369

Ion Ratio Lower Upper

119 100

134 25.3 13.4 40.1

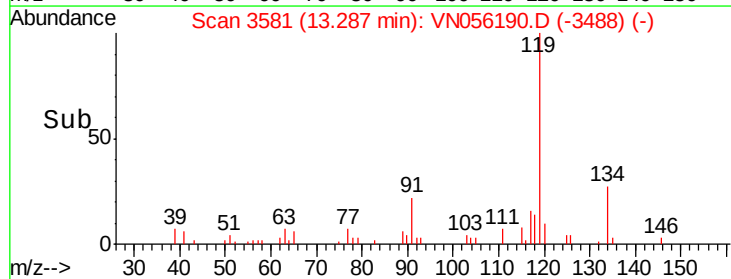
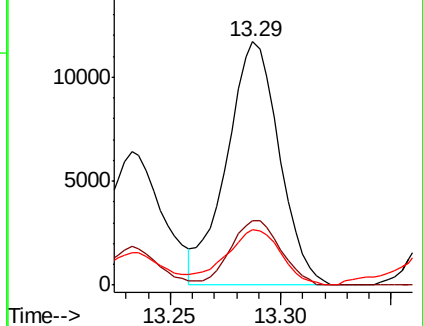
91 24.2 10.9 32.9

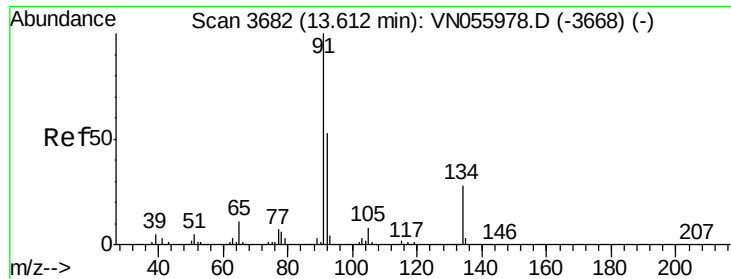


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 8.793 ug/l

RT: 13.54 min Scan# 3660

Delta R.T. -0.07 min

Lab File: VN056190.D

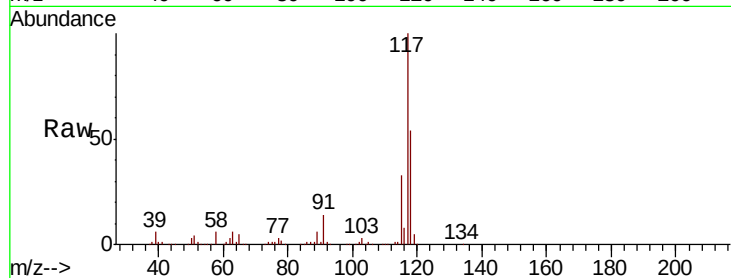
Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	91	Resp:	96793
Ion	Ratio	Lower	Upper
91	100		
92	9.9	26.4	79.0#
134	0.0	13.9	41.7#

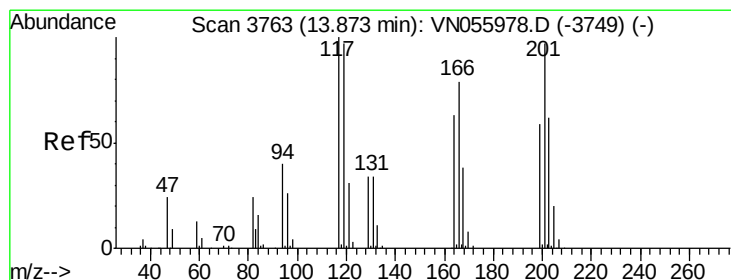
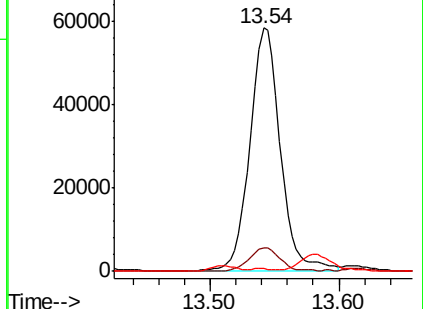
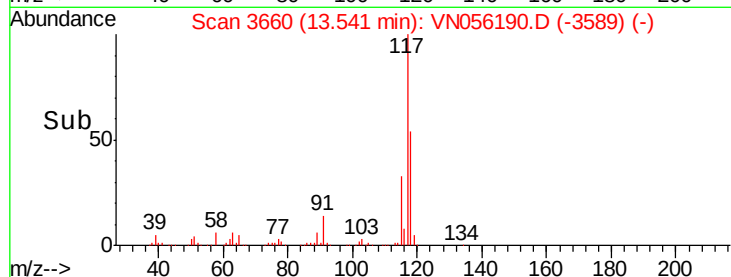


Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 1.176 ug/l

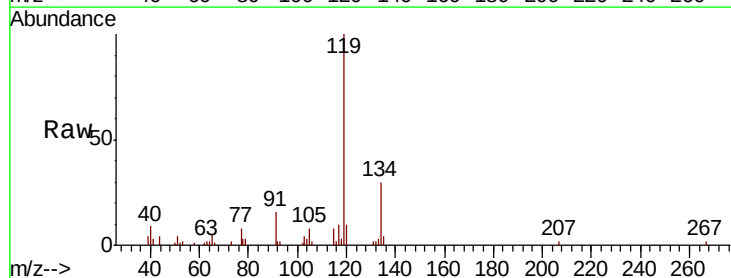
RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

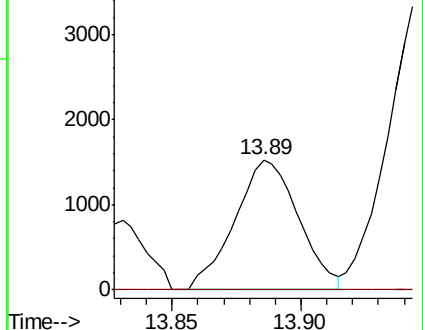
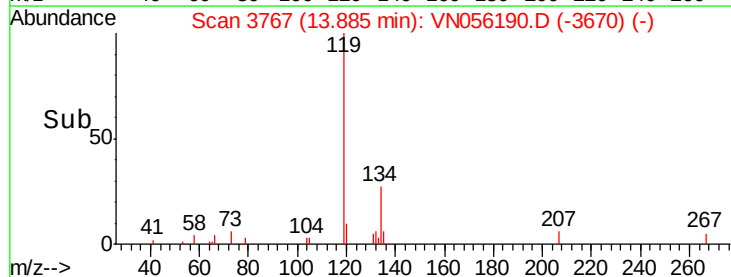
Tgt Ion:	117	Resp:	2635
Ion	Ratio	Lower	Upper
117	100		
201	0.0	50.0	150.0#

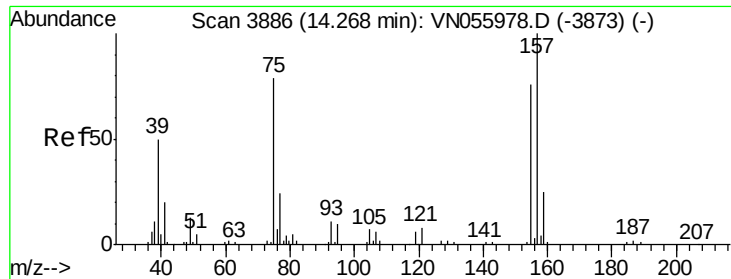


Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.518 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.01 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

Instrument :

MSVOA_N

ClientSampleId :

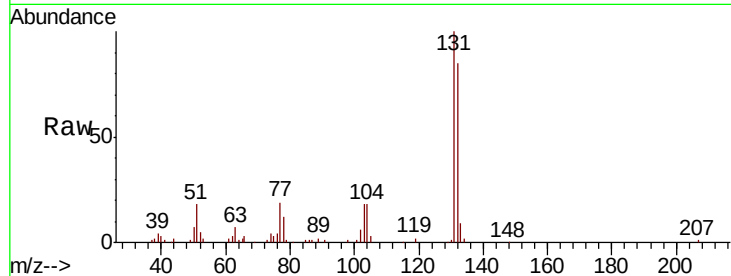
Tot Ion: 75 Resp: 3325

Ion Ratio Lower Upper

75 100

155 0.0 50.0 150.1#

157 0.0 64.8 194.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3873) (-)

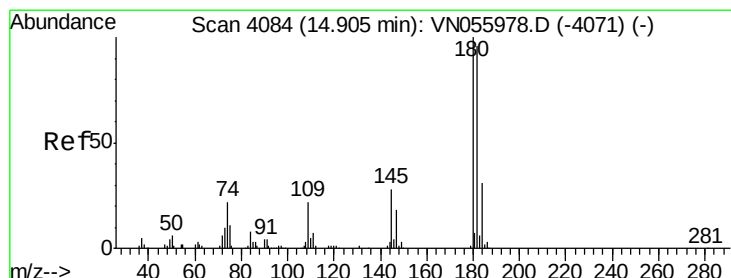
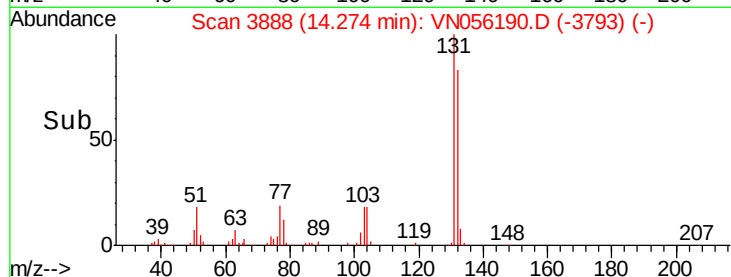
Ion 154.80 (154.50 to 155.50): VN055978.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN055978.D (-3873) (-)

14.27

14.25 14.30

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.462 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056190.D

Acq: 11 Jun 2019 00:59

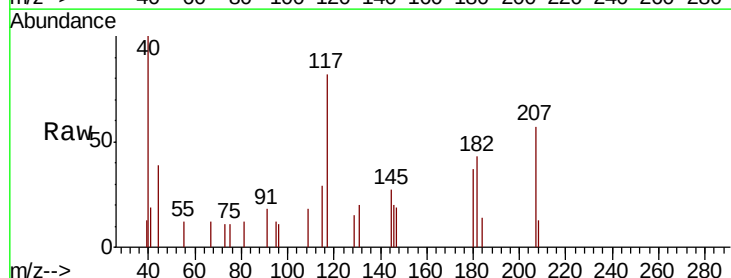
Tgt Ion: 180 Resp: 857

Ion Ratio Lower Upper

180 100

182 109.6 48.3 144.9

145 58.6 14.0 41.9#



Abundance Ion 179.80 (179.50 to 180.50): VN055978.D (-4071) (-)

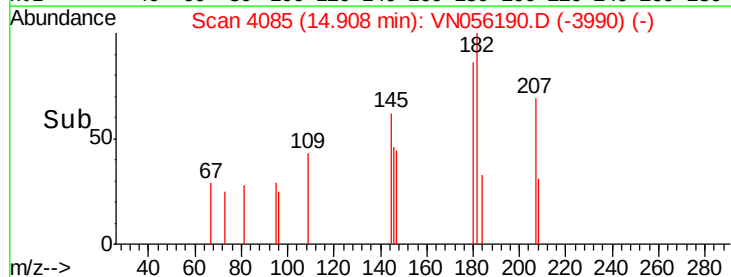
Ion 181.80 (181.50 to 182.50): VN055978.D (-4071) (-)

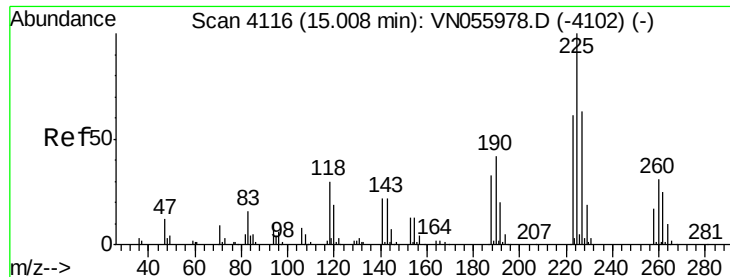
Ion 144.80 (144.50 to 145.50): VN055978.D (-4071) (-)

14.91

14.90

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

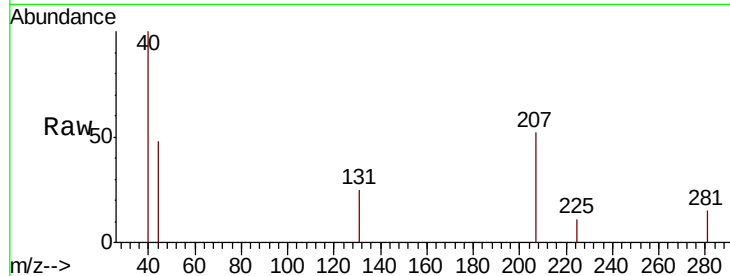
Delta R.T. 0.00 min

Lab File: VN056190.D

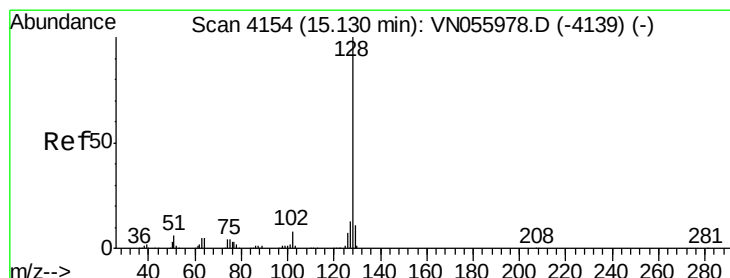
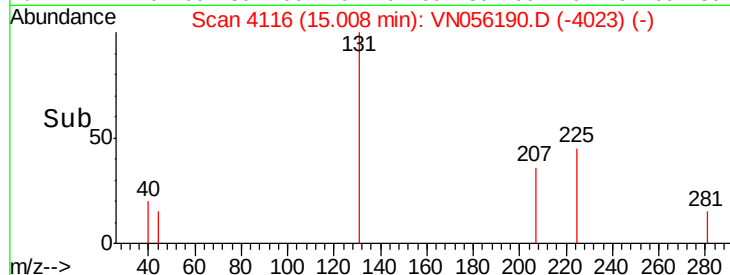
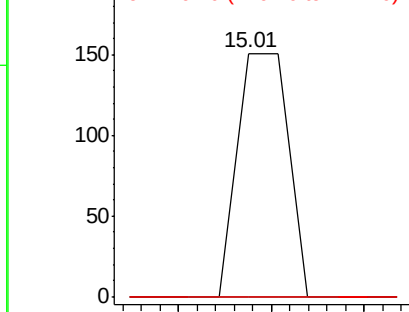
Acq: 11 Jun 2019 00:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	225	Resp:	58
Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.9	92.7#
227	0.0	31.6	94.7#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 141.459 ug/l

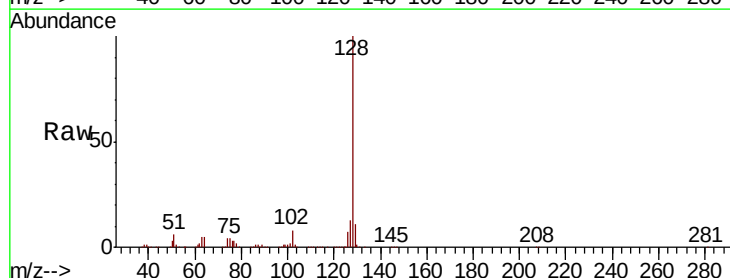
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

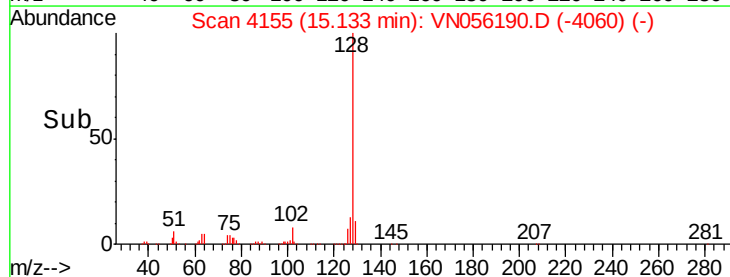
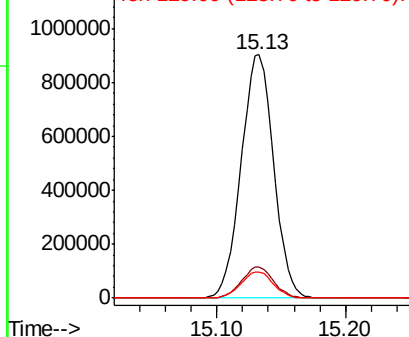
Lab File: VN056190.D

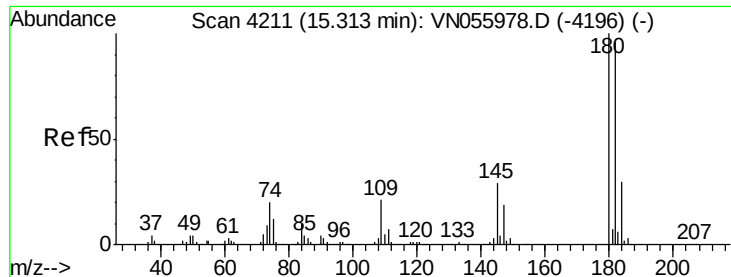
Acq: 11 Jun 2019 00:59

Tgt Ion:	128	Resp:	1580473
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1



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





#96
 1,2,3-Trichlorobenzene
 Concen: 3.308 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN056190.D
 Acq: 11 Jun 2019 00:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1228
 Ion Ratio Lower Upper
 180 100
 182 78.3 47.9 143.7
 145 0.0 14.9 44.7#

