

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011460.D
 Acq On : 24 Jul 2019 04:24
 Operator : SY/VA
 Sample : K3934-10
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1S-2

Quant Time: Jul 24 08:06:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	413564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156711	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	154359	49.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.10%	
35) Dibromofluoromethane	7.88	113	122522	49.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.40%	
50) Toluene-d8	10.32	98	509857	51.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.62	95	202724	55.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.02%	

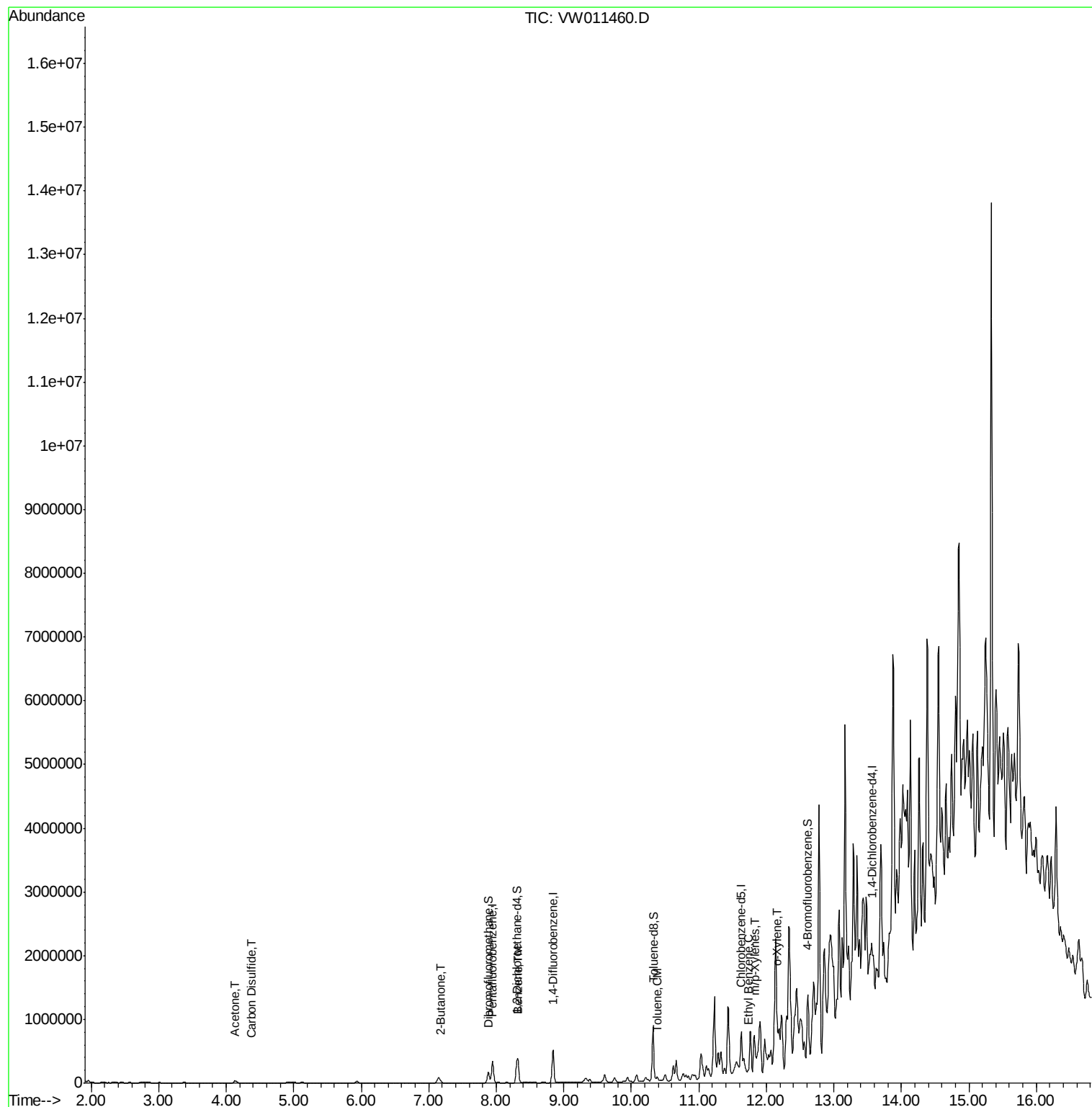
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	75358	100.531	ug/l	97
17) Carbon Disulfide	4.38	76	12951	1.551	ug/l	97
25) 2-Butanone	7.18	43	26411	22.446	ug/l	97
40) Benzene	8.32	78	252777	20.769	ug/l	99
52) Toluene	10.39	92	29197	3.955	ug/l	96
67) Ethyl Benzene	11.73	91	32914	2.583	ug/l	97
68) m/p-Xylenes	11.83	106	13432	2.913	ug/l	87
69) o-Xylene	12.16	106	8142	1.873	ug/l	67

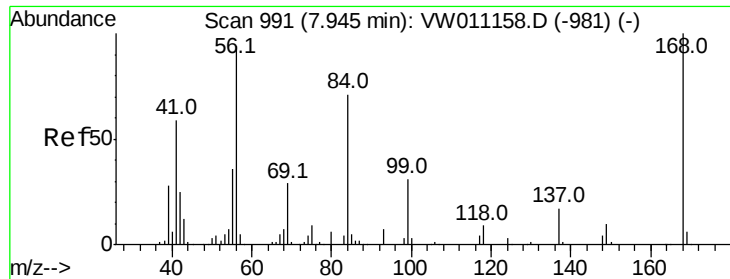
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TP-1S-2

Quant Time: Jul 24 08:06:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011460.D

Acq: 24 Jul 2019 04:24

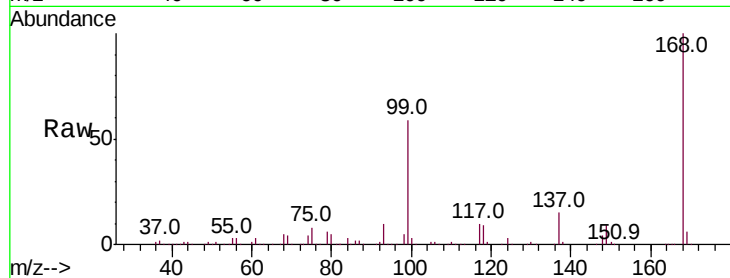
Instrument :
MSVOA_W
ClientSampled :
TP-1S-2

Tot Ion:168 Resp: 247934

Ion Ratio Lower Upper

168 100

99 58.5 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

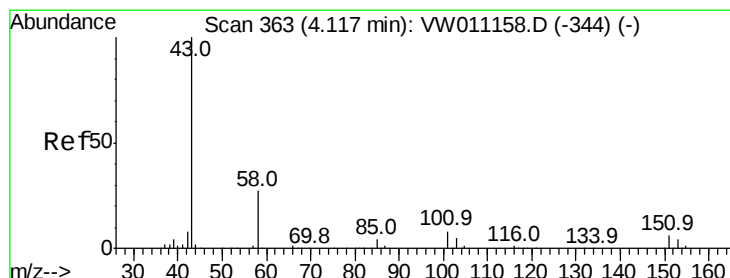
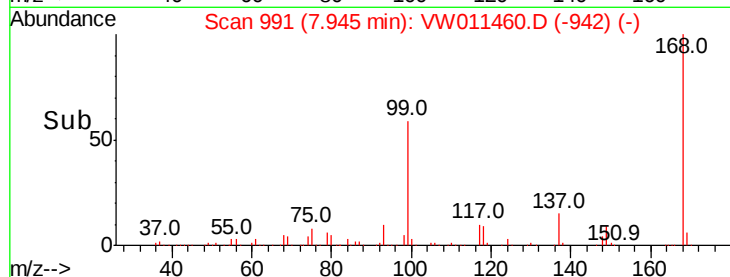
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 100.531 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011460.D

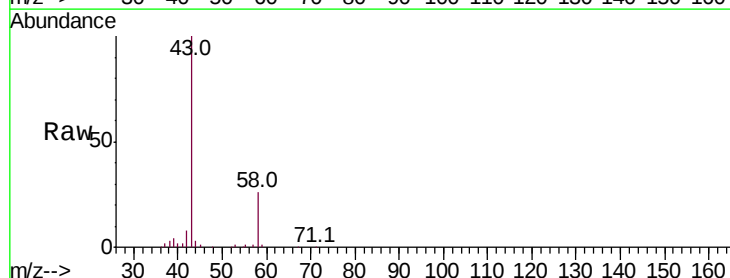
Acq: 24 Jul 2019 04:24

Tgt Ion: 43 Resp: 75358

Ion Ratio Lower Upper

43 100

58 25.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

25000

20000

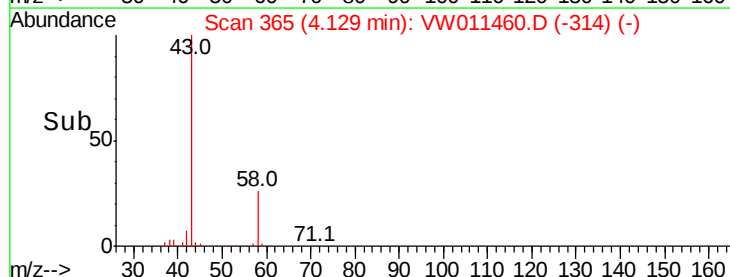
15000

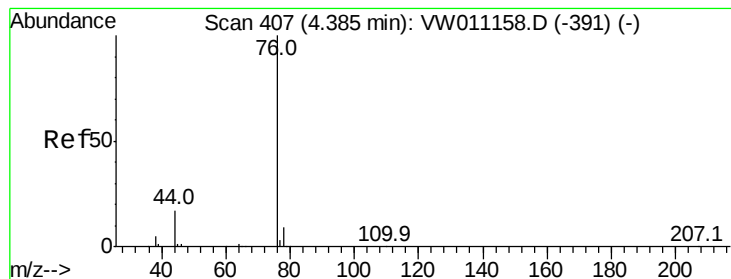
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.551 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011460.D

Acq: 24 Jul 2019 04:24

Instrument :

MSVOA_W

ClientSampled :

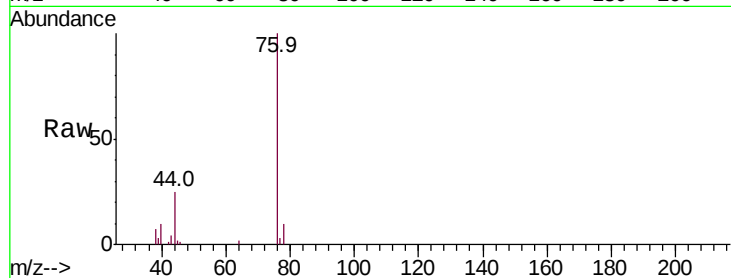
TP-1S-2

Tot Ion: 76 Resp: 12951

Ion Ratio Lower Upper

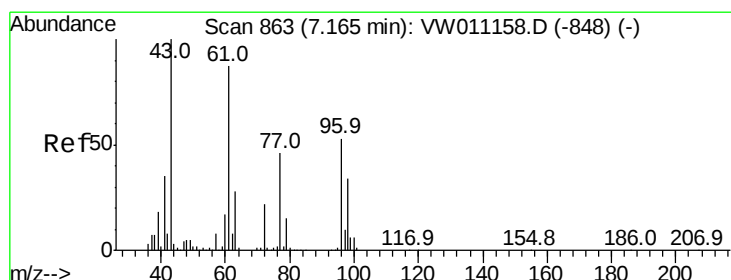
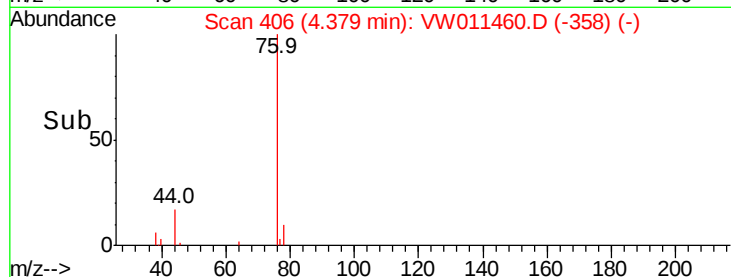
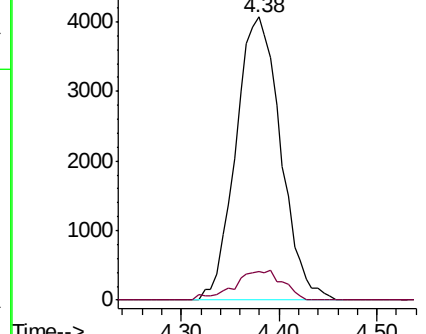
76 100

78 9.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 22.446 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011460.D

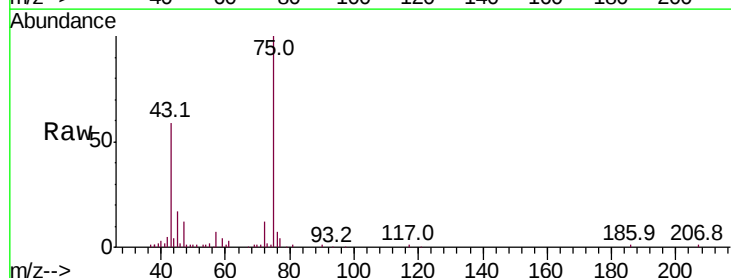
Acq: 24 Jul 2019 04:24

Tgt Ion: 43 Resp: 26411

Ion Ratio Lower Upper

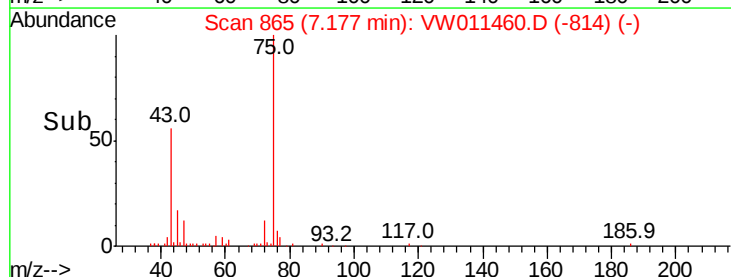
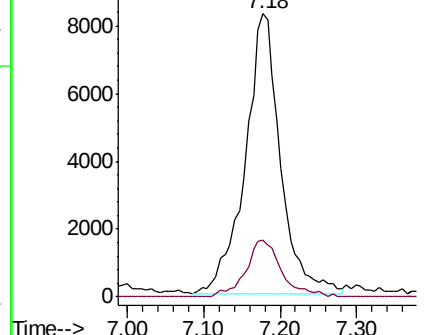
43 100

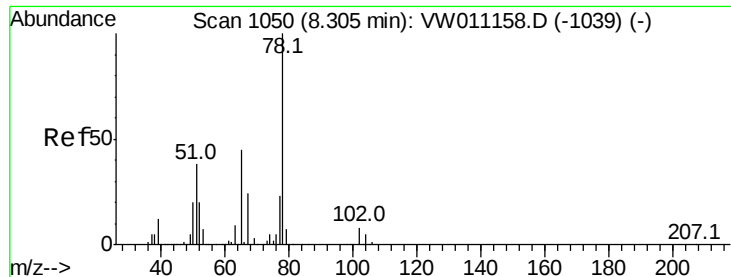
72 20.5 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 49.547 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011460.D

Acq: 24 Jul 2019 04:24

Instrument :

MSVOA_W

ClientSampleId :

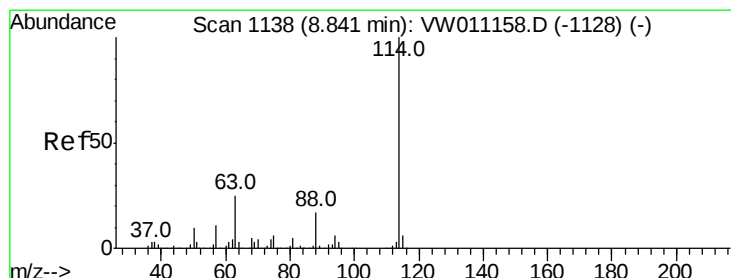
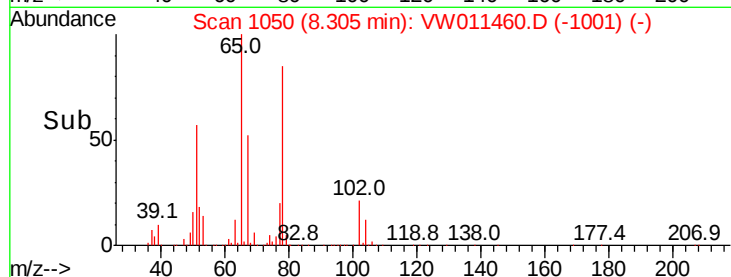
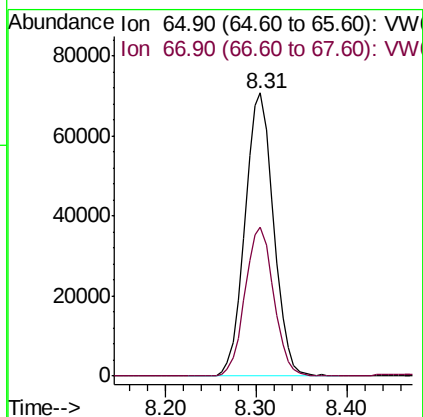
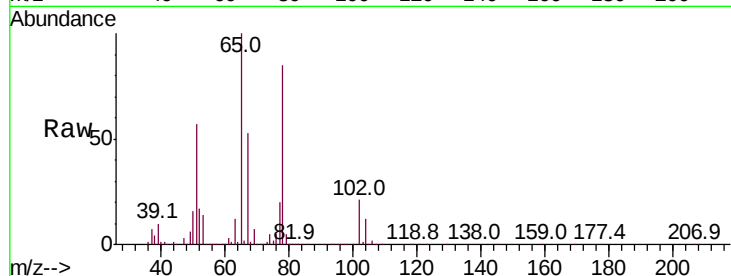
TP-1S-2

Tot Ion: 65 Resp: 154359

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011460.D

Acq: 24 Jul 2019 04:24

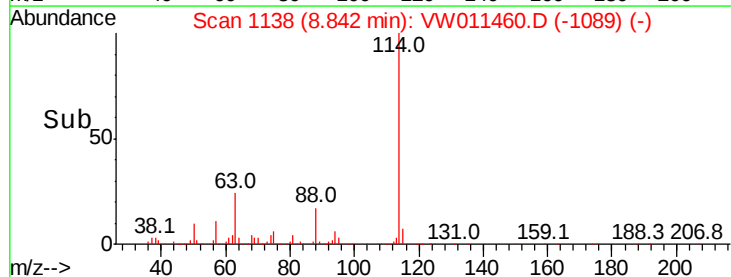
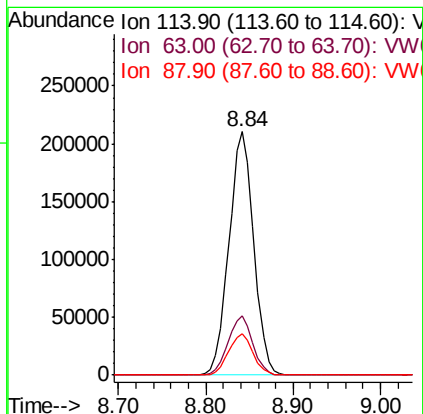
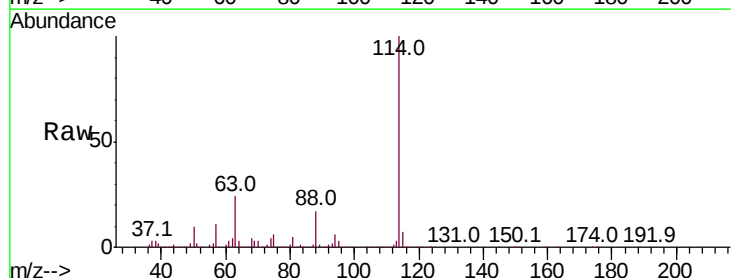
Tgt Ion: 114 Resp: 413564

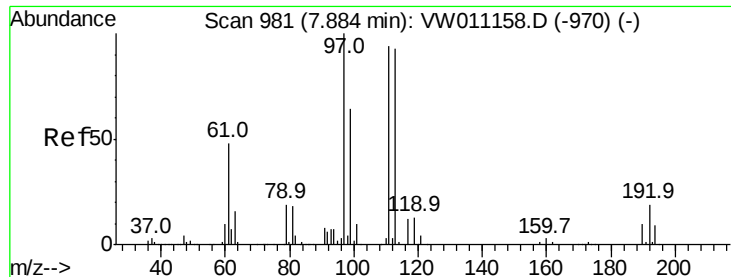
Ion Ratio Lower Upper

114 100

63 24.4 0.0 50.8

88 16.8 0.0 34.2

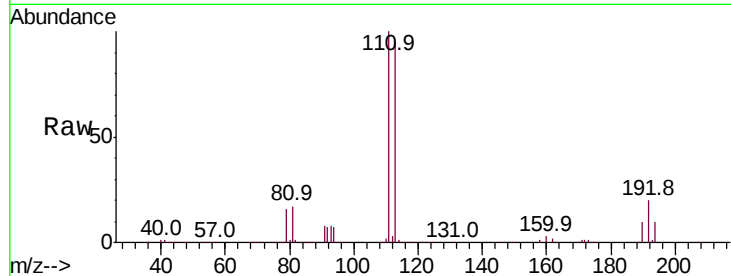




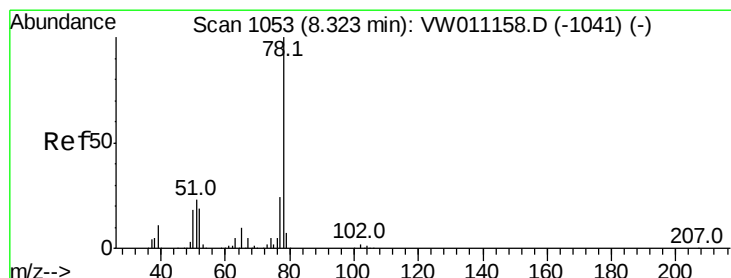
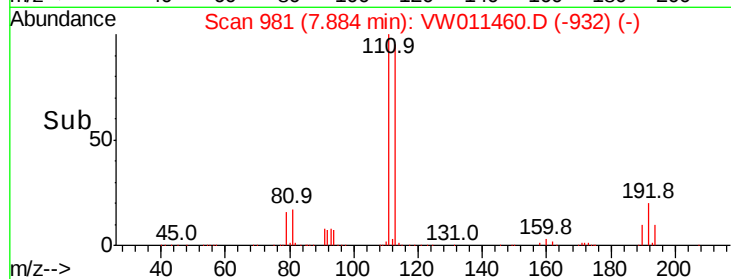
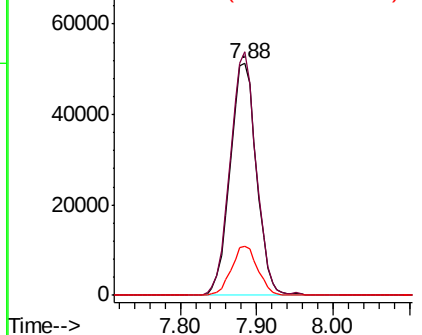
#35
 Dibromofluoromethane
 Concen: 49.704 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011460.D
 Acq: 24 Jul 2019 04:24

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1S-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	21.0	15.8	23.8

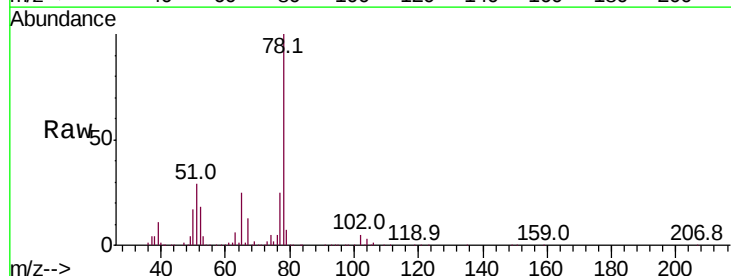


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

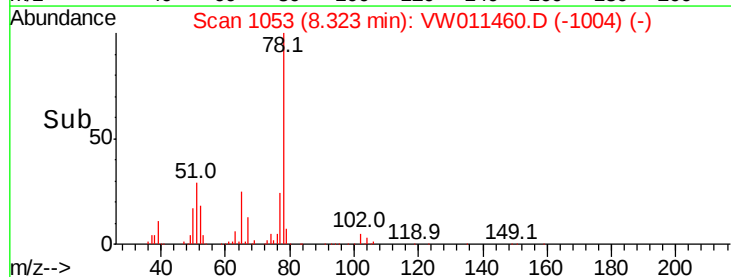
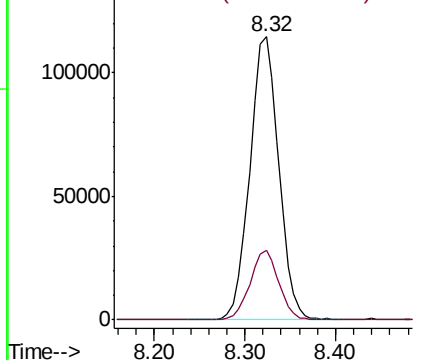


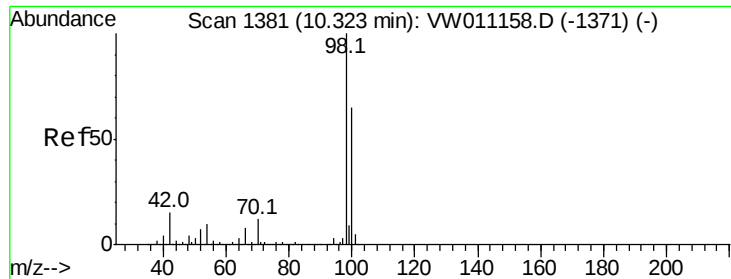
#40
 Benzene
 Concen: 20.769 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VW011460.D
 Acq: 24 Jul 2019 04:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.6



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

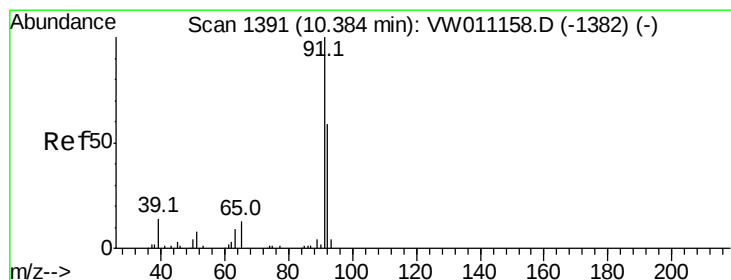
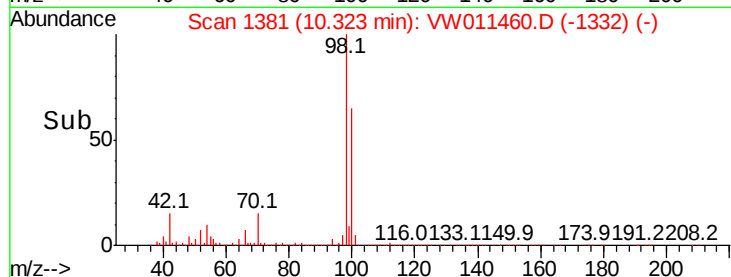
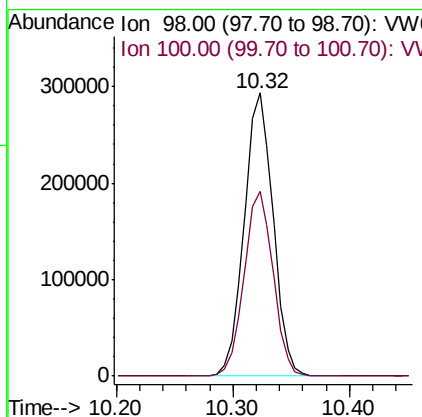
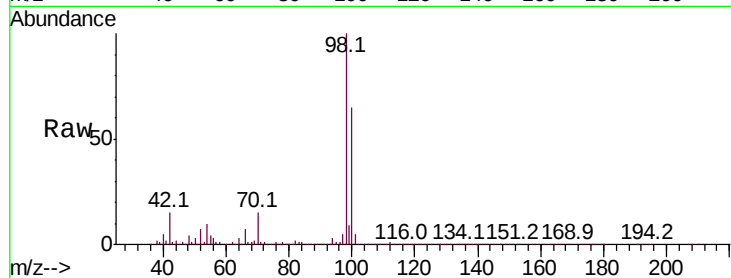




#50
Toluene-d8
Concen: 51.170 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011460.D
Acq: 24 Jul 2019 04:24

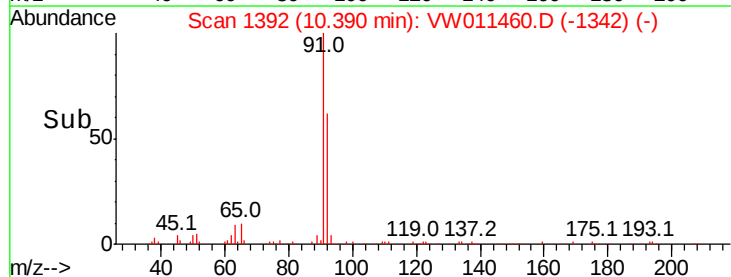
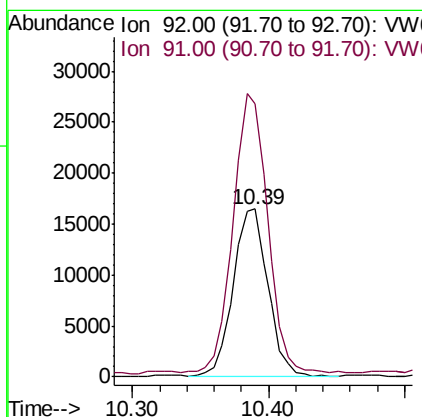
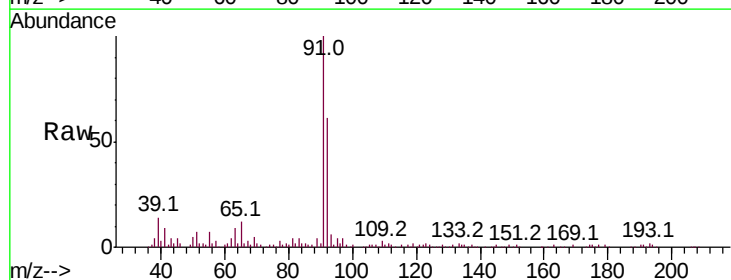
Instrument :
MSVOA_W
ClientSampleId :
TP-1S-2

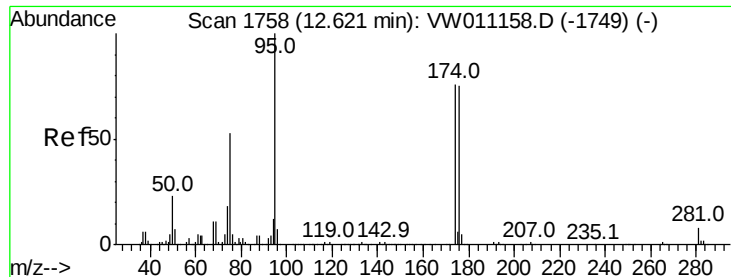
Tot Ion: 98 Resp: 509857
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#52
Toluene
Concen: 3.955 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW011460.D
Acq: 24 Jul 2019 04:24

Tgt Ion: 92 Resp: 29197
Ion Ratio Lower Upper
92 100
91 165.4 136.6 205.0

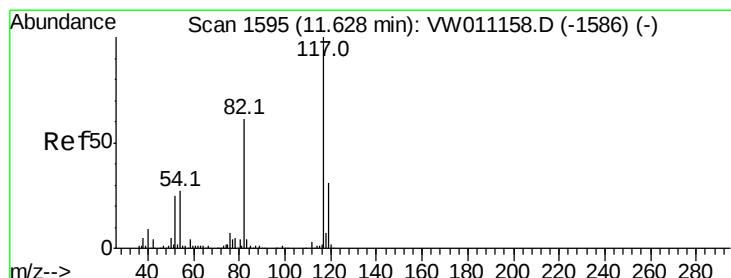
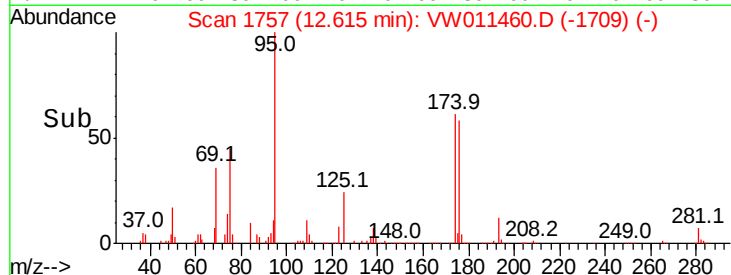
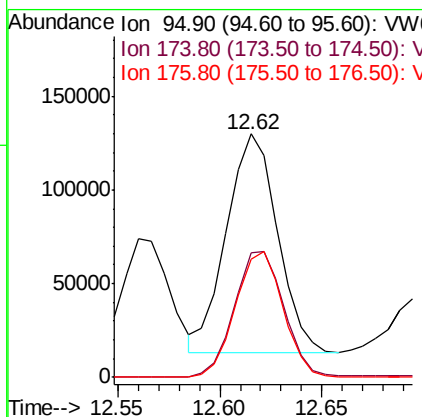
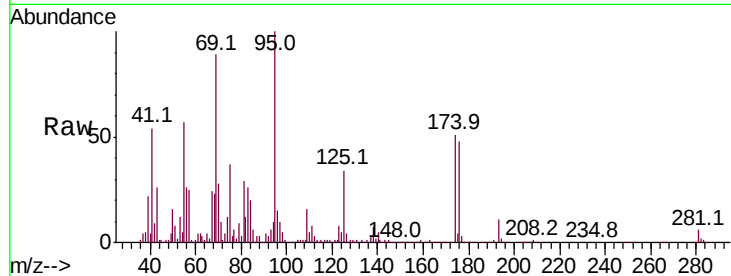




#62
4-Bromofluorobenzene
Concen: 55.508 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011460.D
Acq: 24 Jul 2019 04:24

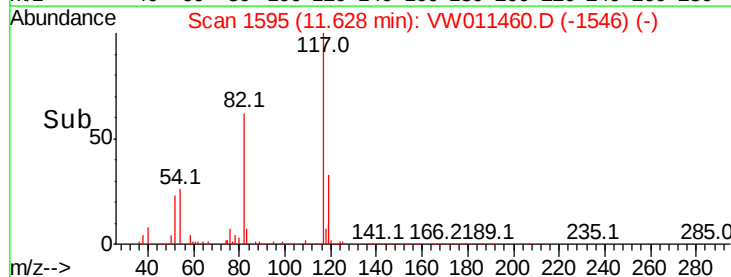
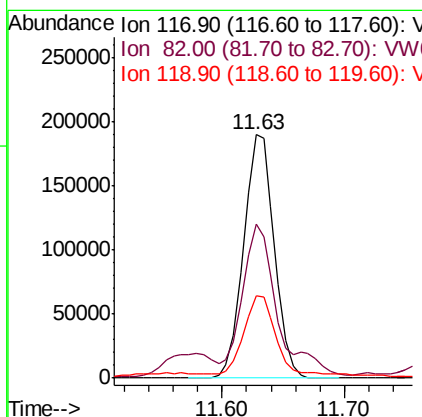
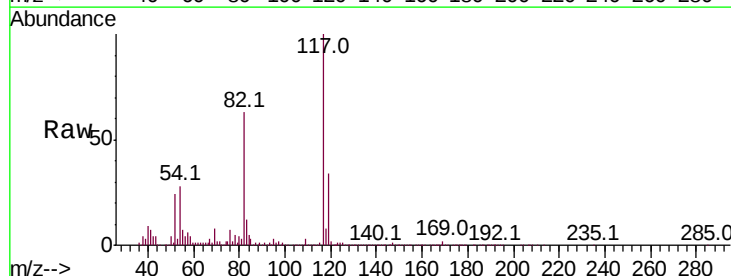
Instrument :
MSVOA_W
ClientSampleId :
TP-1S-2

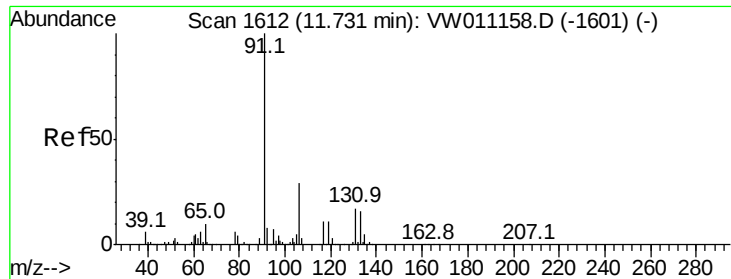
Tot Ion: 95 Resp: 202724
Ion Ratio Lower Upper
95 100
174 56.9 0.0 147.6
176 53.8 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011460.D
Acq: 24 Jul 2019 04:24

Tgt Ion: 117 Resp: 327436
Ion Ratio Lower Upper
117 100
82 61.9 48.9 73.3
119 32.2 25.0 37.6





#67

Ethyl Benzene

Concen: 2.583 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW011460.D

Acq: 24 Jul 2019 04:24

Instrument :

MSVOA_W

ClientSampled :

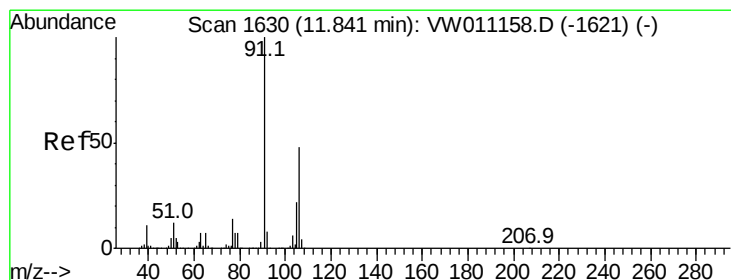
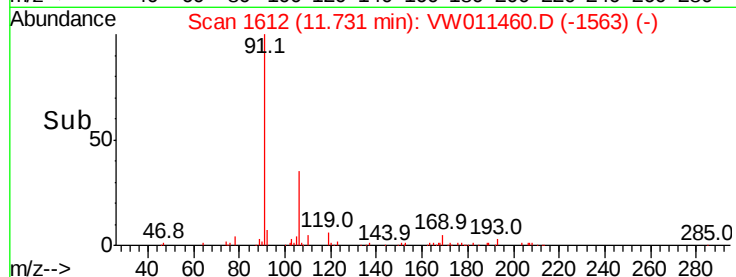
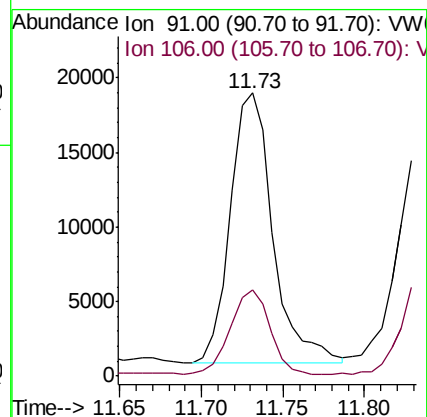
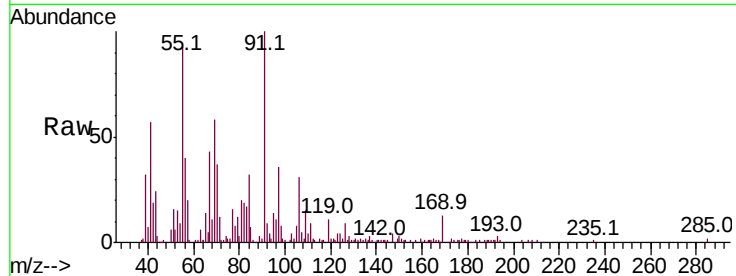
TP-1S-2

Tot Ion: 91 Resp: 32914

Ion Ratio Lower Upper

91 100

106 31.1 23.5 35.3



#68

m/p-Xylenes

Concen: 2.913 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW011460.D

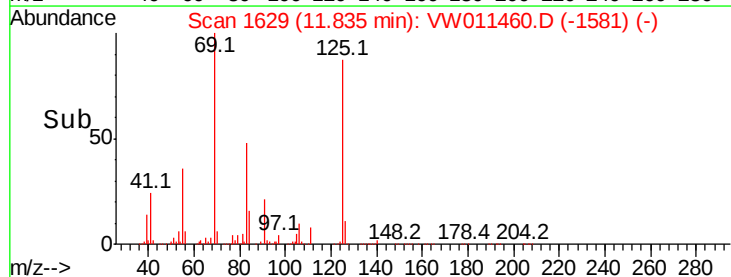
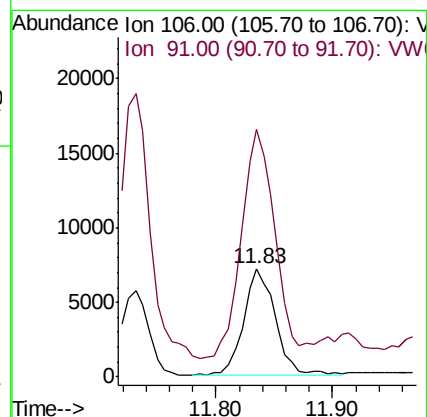
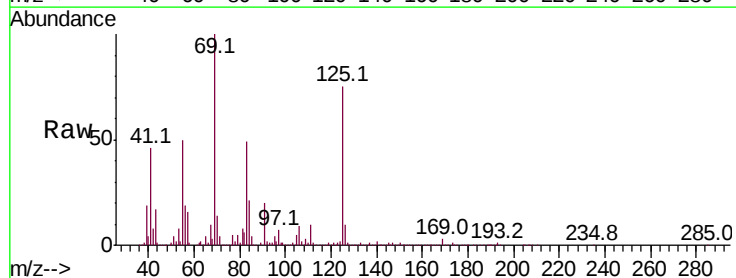
Acq: 24 Jul 2019 04:24

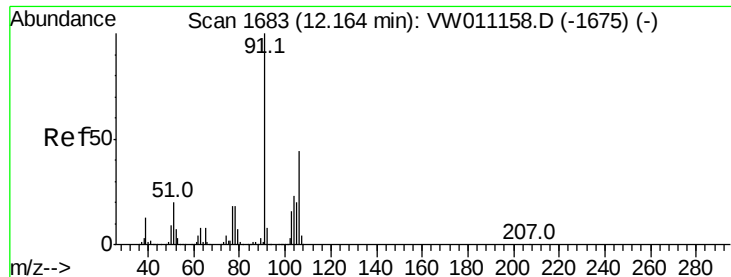
Tgt Ion: 106 Resp: 13432

Ion Ratio Lower Upper

106 100

91 230.4 167.7 251.5

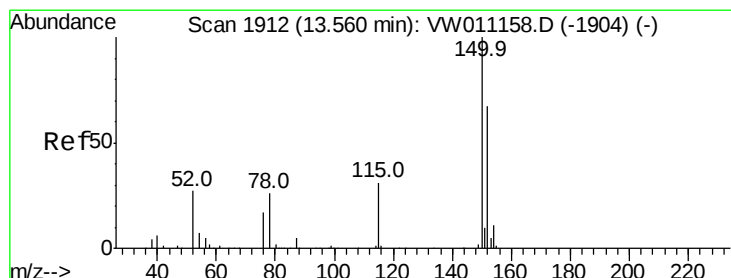
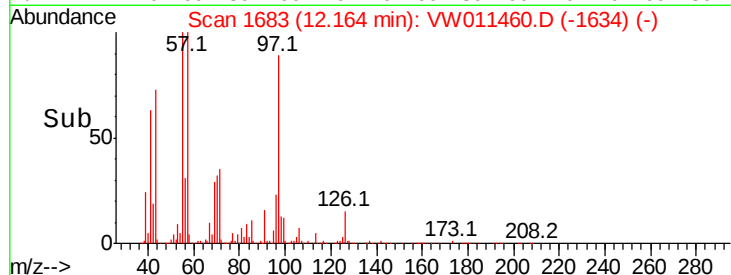
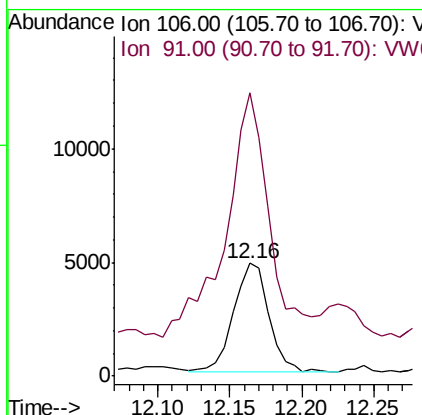
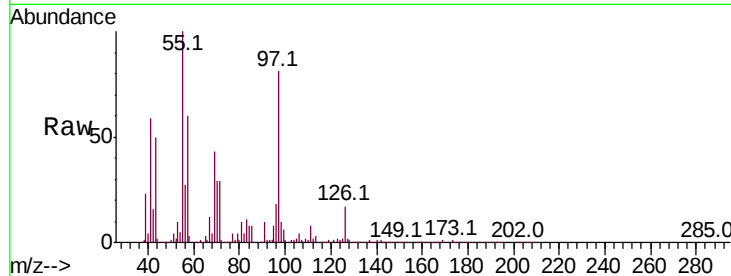




#69
o-Xylene
Concen: 1.873 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011460.D
Acq: 24 Jul 2019 04:24

Instrument :
MSVOA_W
ClientSampled :
TP-1S-2

Tot Ion:106 Resp: 8142
Ion Ratio Lower Upper
106 100
91 274.9 110.7 332.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011460.D
Acq: 24 Jul 2019 04:24

Tgt Ion:152 Resp: 156711
Ion Ratio Lower Upper
152 100
115 44.7 30.1 90.3
150 114.6 0.0 346.0

