

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041919\
 Data File : VX009064.D
 Acq On : 19 Apr 2019 12:46
 Operator : JC/SP
 Sample : K2482-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-041819

Quant Time: Apr 22 11:08:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373031	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138901	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	155553	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
35) Dibromofluoromethane	5.50	113	113940	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	8.71	98	465785	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.13	95	155406	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	

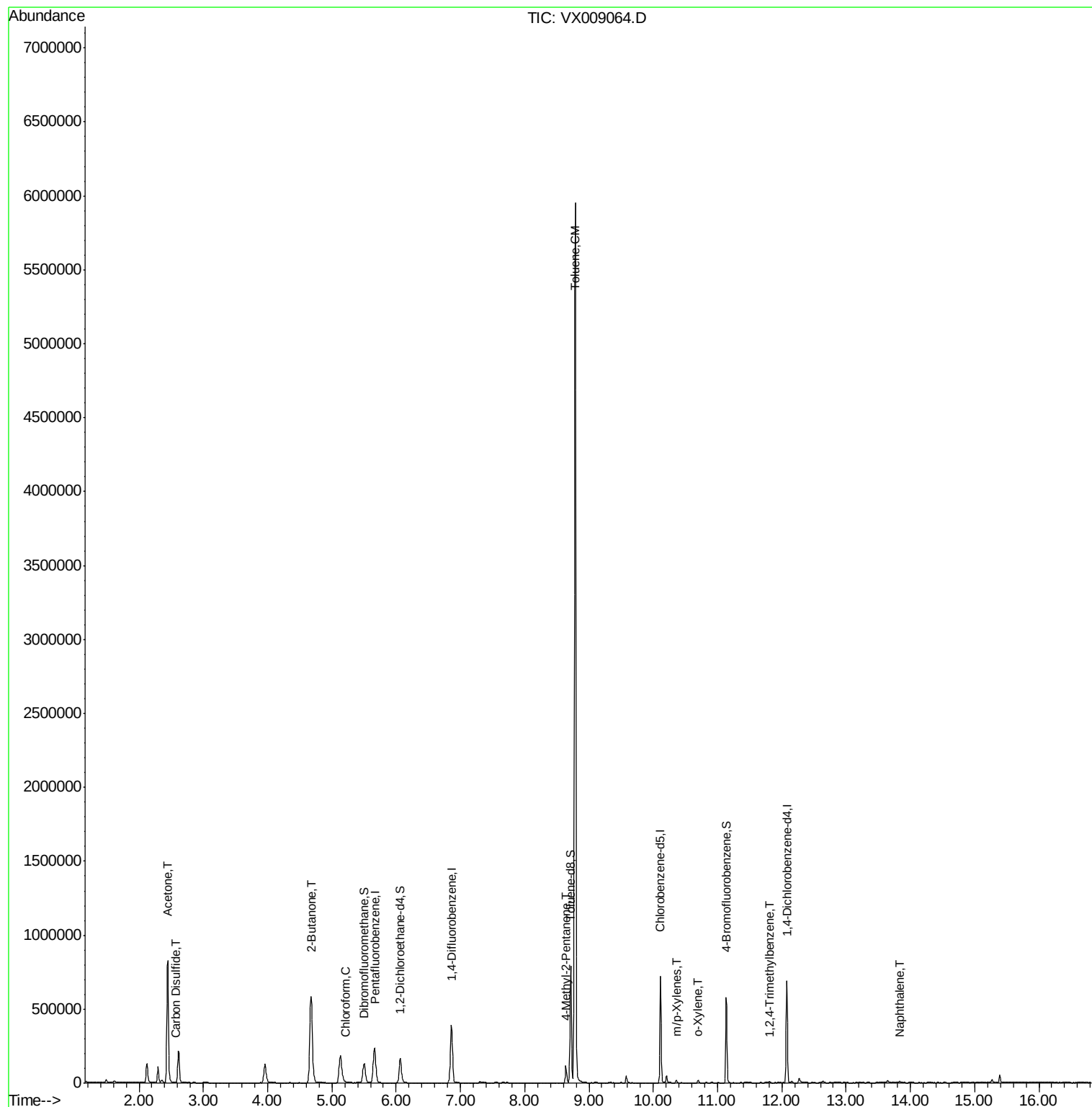
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	920499	548.379	ug/l	99
17) Carbon Disulfide	2.57	76	2746	1.623	ug/l	99
25) 2-Butanone	4.68	43	1097253	408.950	ug/l	99
30) Chloroform	5.22	83	2790	0.595	ug/l	90
51) 4-Methyl-2-Pentanone	8.64	43	75965	14.905	ug/l	100
52) Toluene	8.79	92	2191202	321.245	ug/l	98
68) m/p-Xylenes	10.36	106	4171	0.931	ug/l	95
69) o-Xylene	10.70	106	3572	0.819	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	3034	0.337	ug/l	87
95) Naphthalene	13.83	128	4660	0.439	ug/l	99

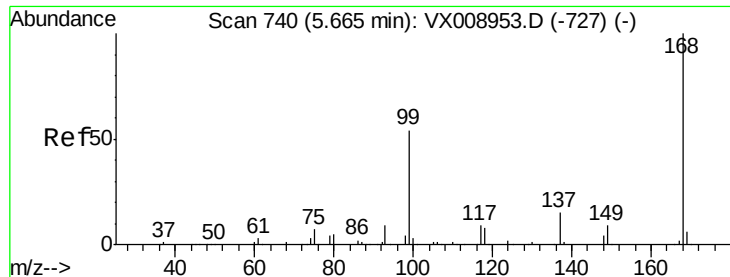
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041919\
Data File : VX009064.D
Acq On : 19 Apr 2019 12:46
Operator : JC/SP
Sample : K2482-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AU-041819

Quant Time: Apr 22 11:08:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009064.D

Acq: 19 Apr 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

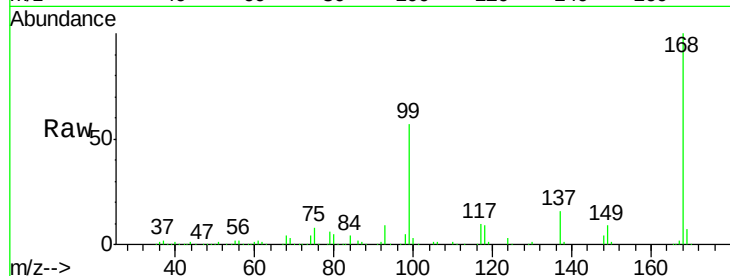
AU-041819

Tot Ion:168 Resp: 229684

Ion Ratio Lower Upper

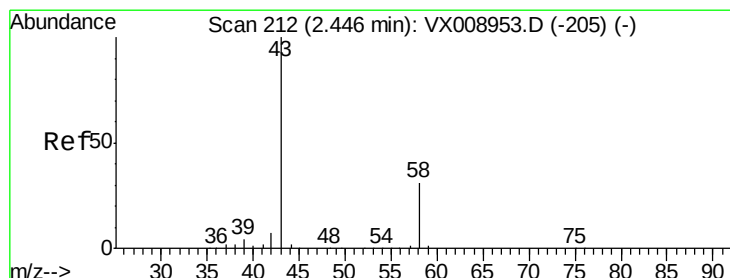
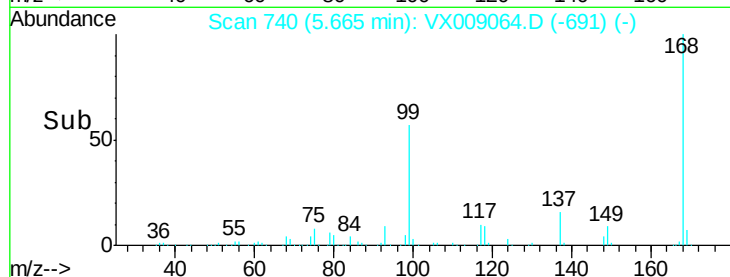
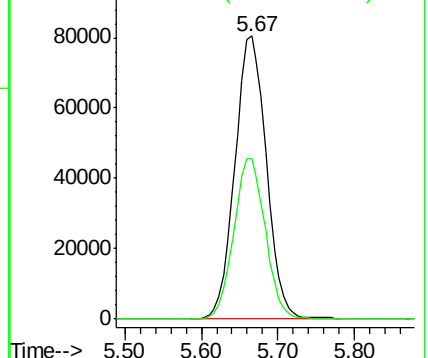
168 100

99 56.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 548.379 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009064.D

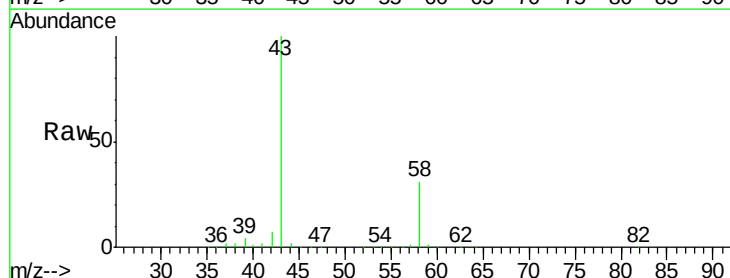
Acq: 19 Apr 2019 12:46

Tgt Ion: 43 Resp: 920499

Ion Ratio Lower Upper

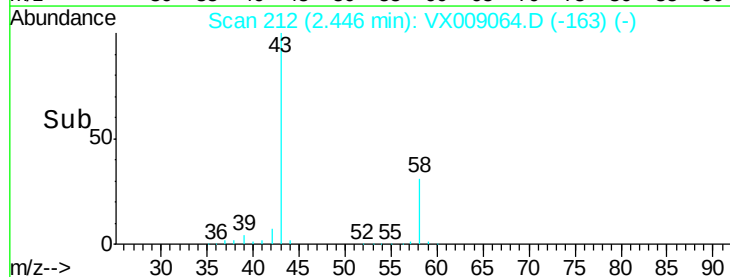
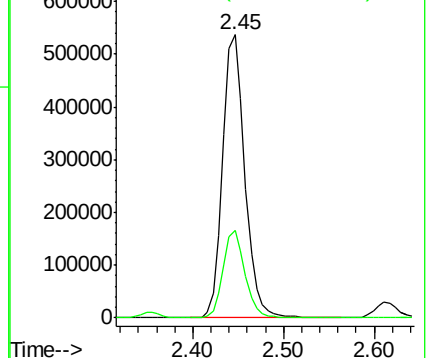
43 100

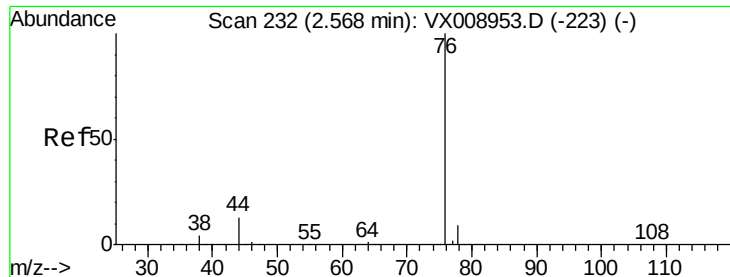
58 30.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.623 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009064.D

Acq: 19 Apr 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

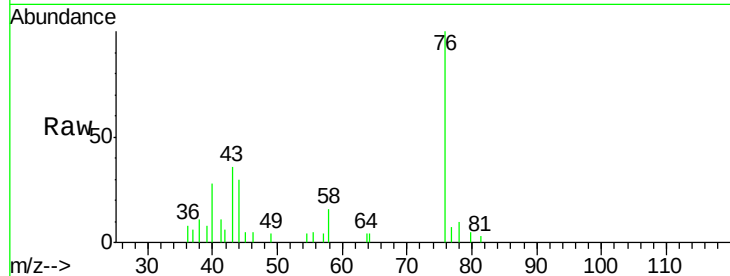
AU-041819

Tot Ion: 76 Resp: 2746

Ion Ratio Lower Upper

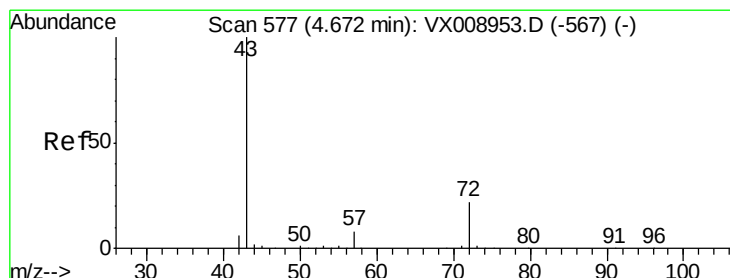
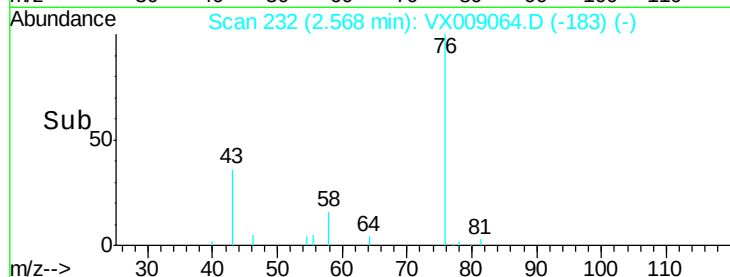
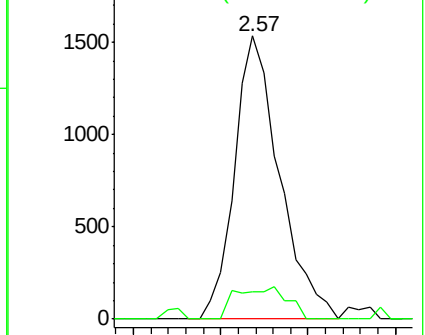
76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 408.950 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009064.D

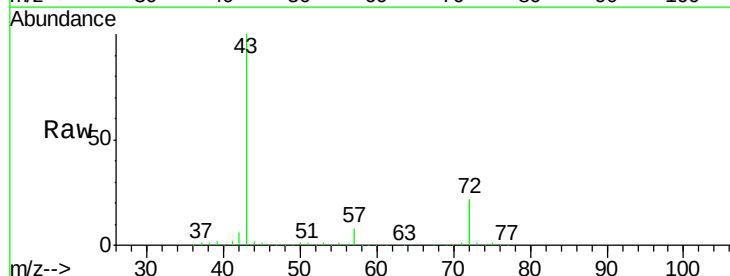
Acq: 19 Apr 2019 12:46

Tgt Ion: 43 Resp: 1097253

Ion Ratio Lower Upper

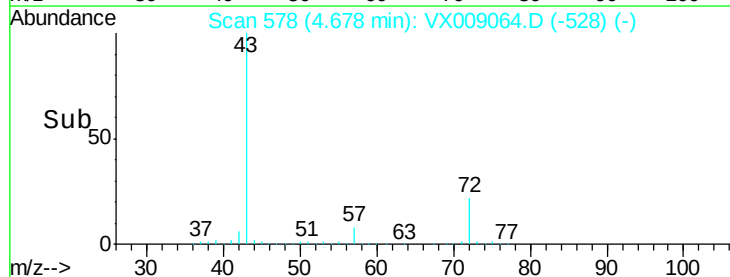
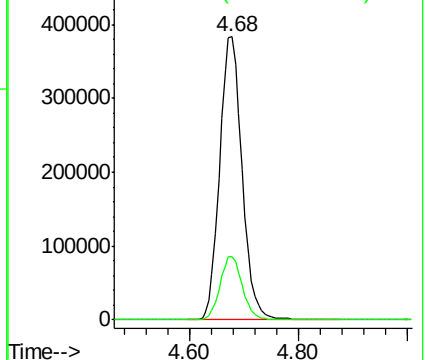
43 100

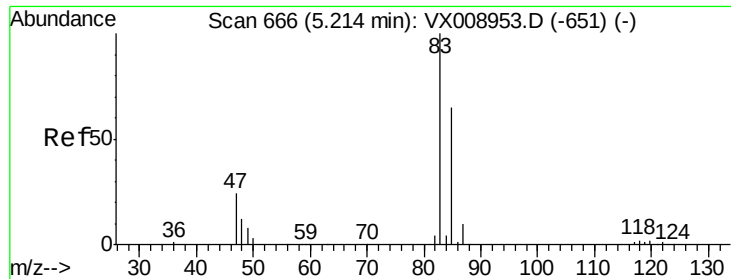
72 22.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

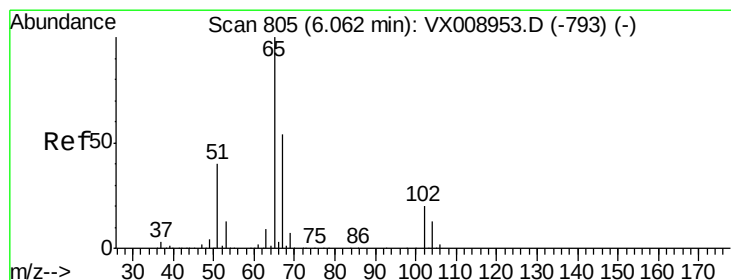
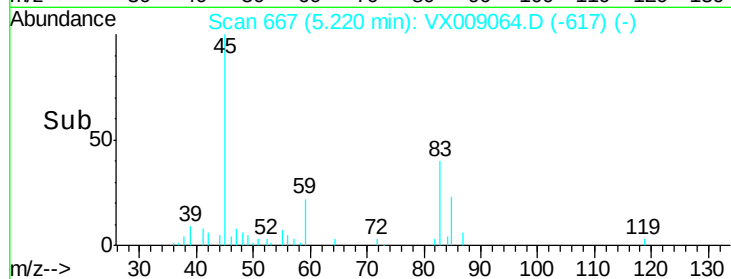
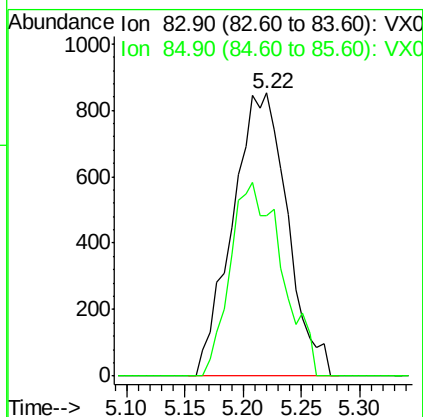
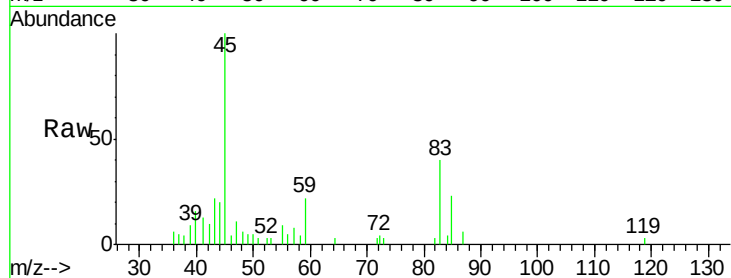




#30
Chloroform
Concen: 0.595 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009064.D
Acq: 19 Apr 2019 12:46

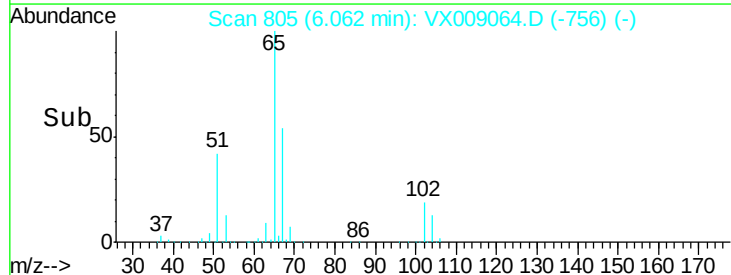
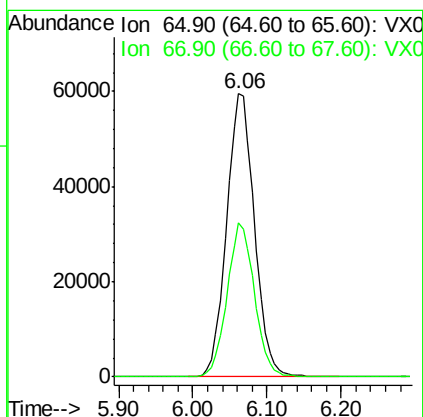
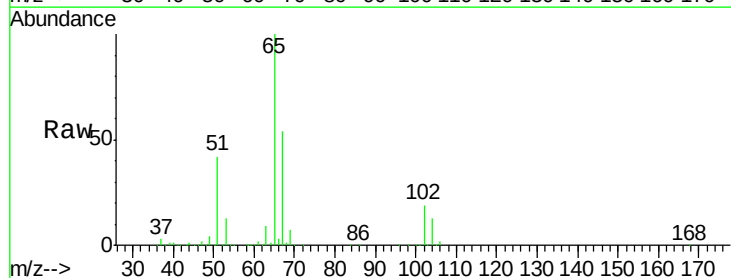
Instrument :
MSVOA_X
ClientSampleId :
AU-041819

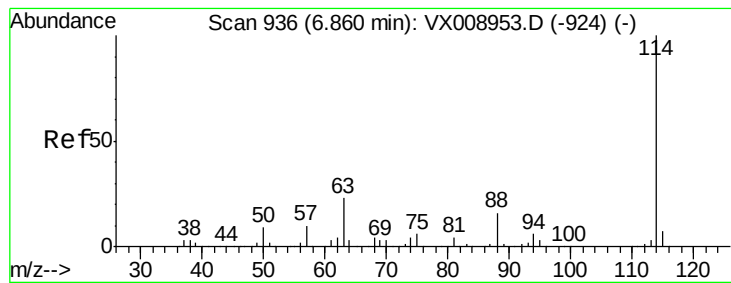
Tot Ion: 83 Resp: 2790
Ion Ratio Lower Upper
83 100
85 56.7 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 48.056 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009064.D
Acq: 19 Apr 2019 12:46

Tgt Ion: 65 Resp: 155553
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009064.D

Acq: 19 Apr 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

AU-041819

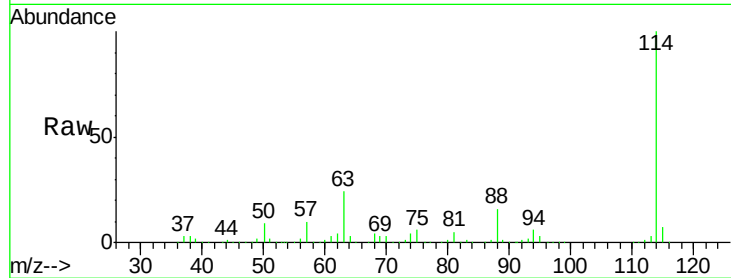
Tot Ion:114 Resp: 373031

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.0

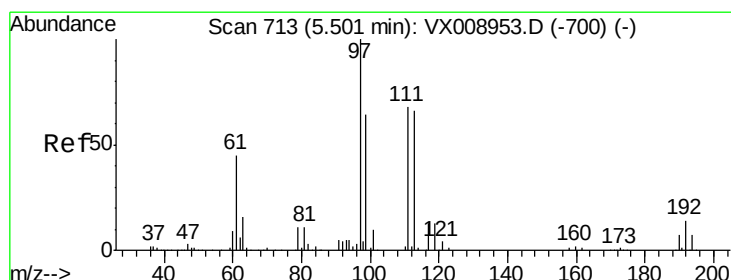
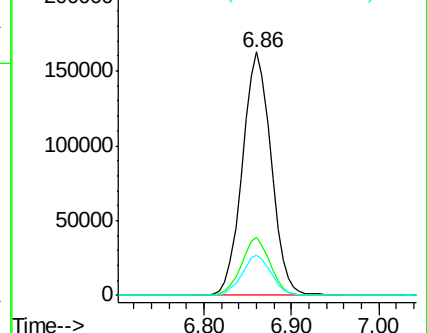
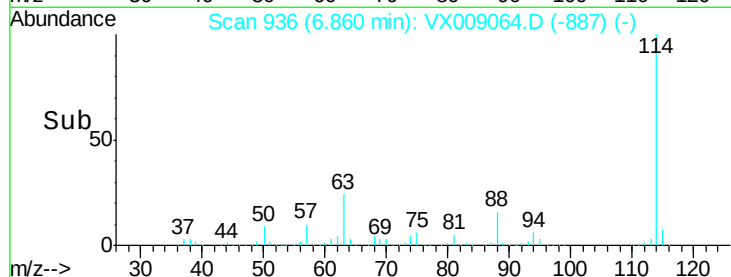
88 16.5 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.594 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009064.D

Acq: 19 Apr 2019 12:46

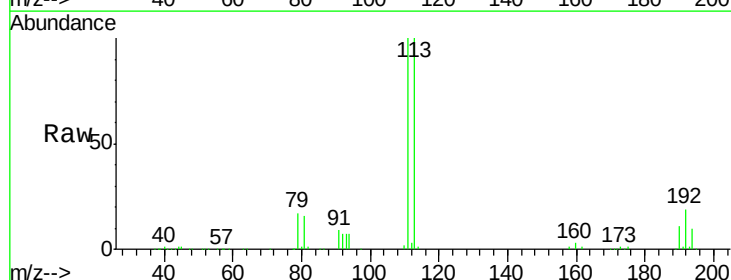
Tgt Ion:113 Resp: 113940

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

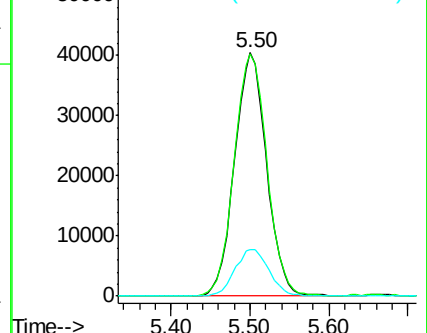
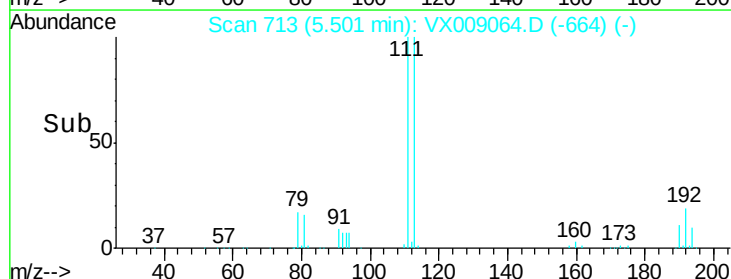
192 20.6 17.4 26.0

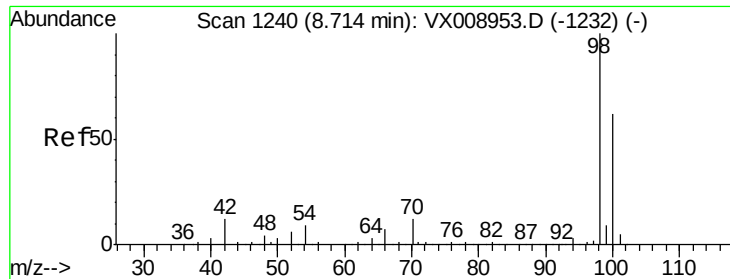


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.786 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009064.D

Acq: 19 Apr 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

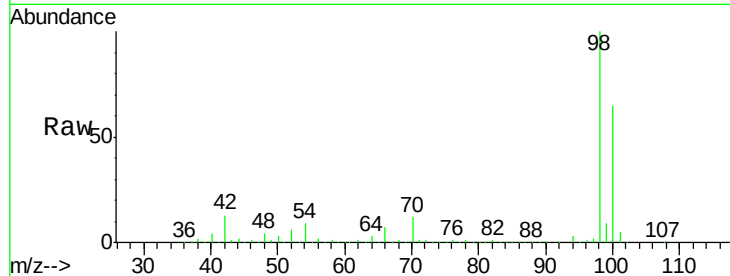
AU-041819

Tot Ion: 98 Resp: 465785

Ion Ratio Lower Upper

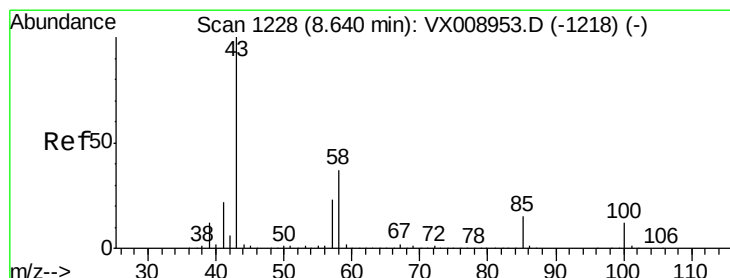
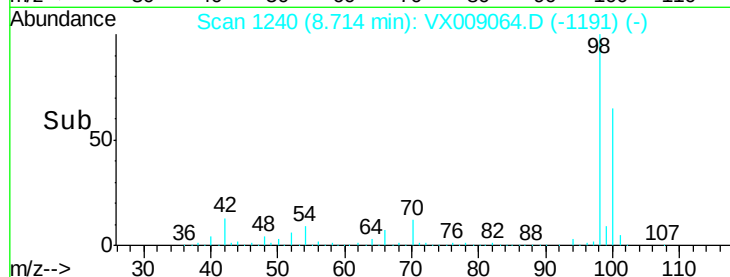
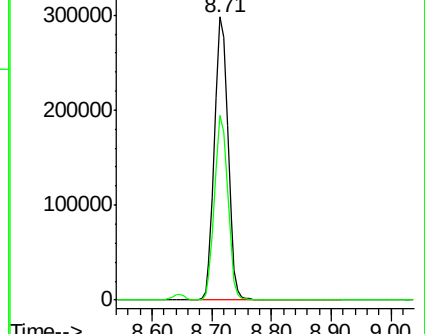
98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 14.905 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009064.D

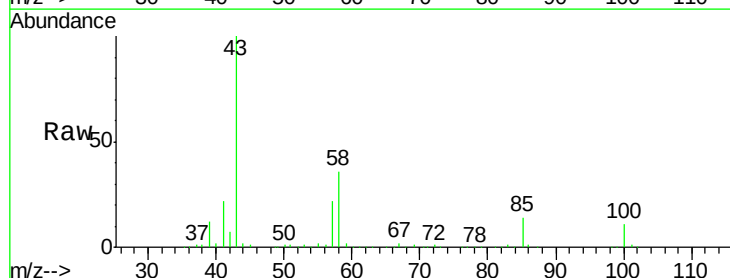
Acq: 19 Apr 2019 12:46

Tgt Ion: 43 Resp: 75965

Ion Ratio Lower Upper

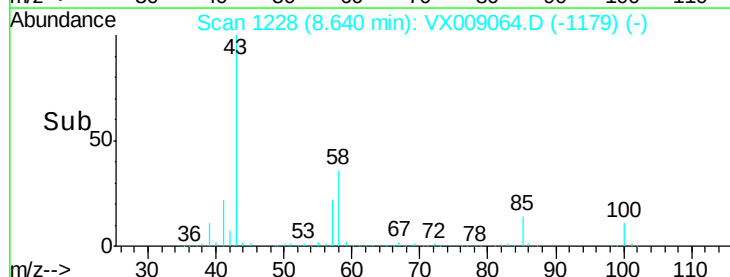
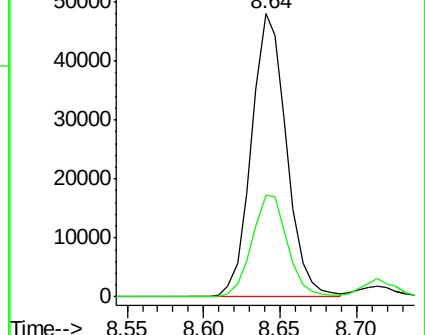
43 100

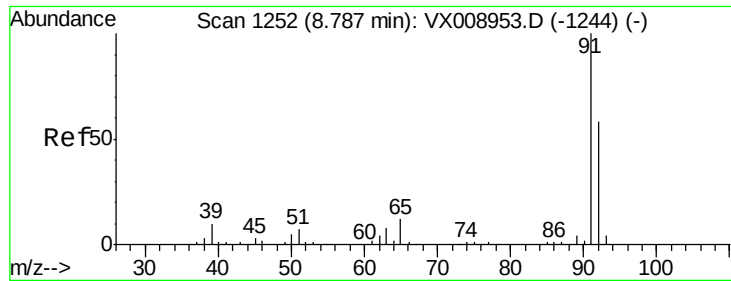
58 37.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 321.245 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009064.D

Acq: 19 Apr 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

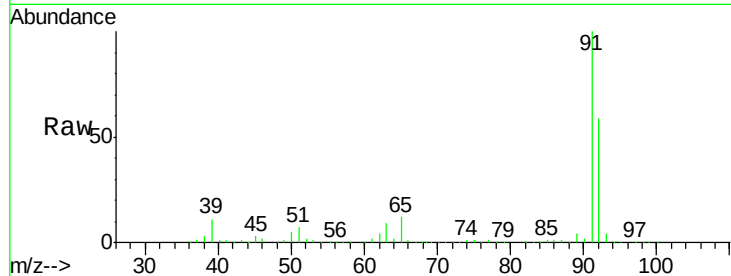
AU-041819

Tot Ion: 92 Resp: 2191202

Ion Ratio Lower Upper

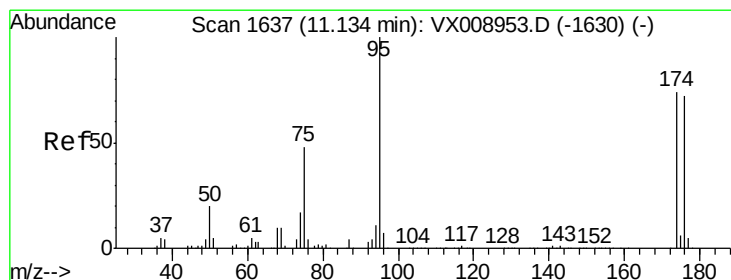
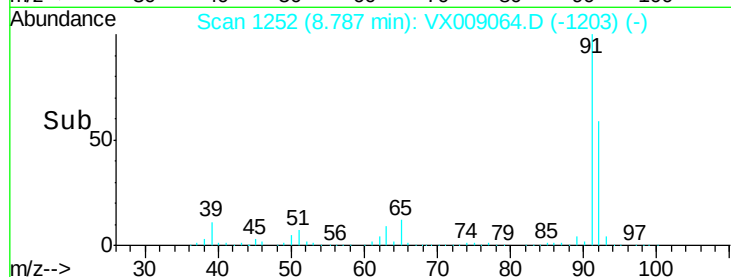
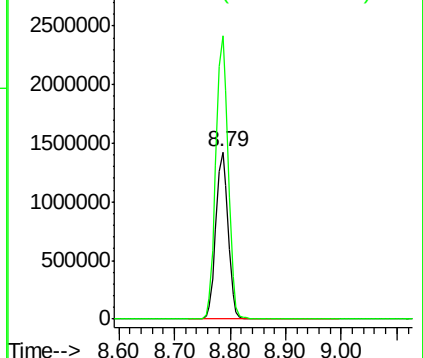
92 100

91 171.0 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.111 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009064.D

Acq: 19 Apr 2019 12:46

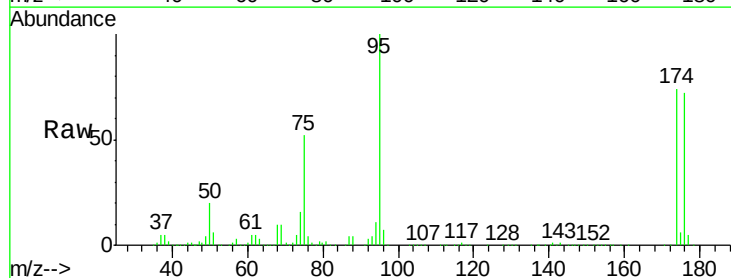
Tgt Ion: 95 Resp: 155406

Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.6

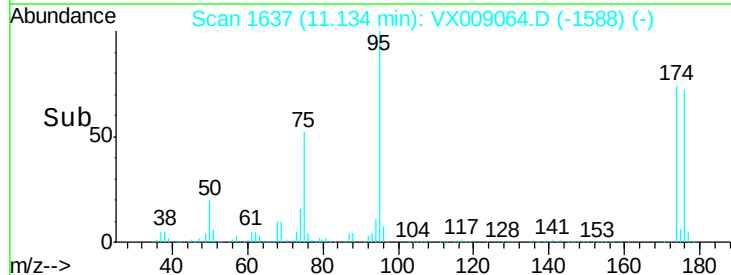
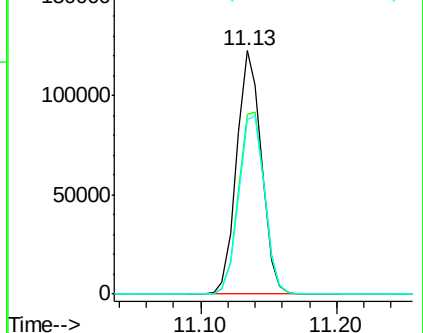
176 76.8 0.0 154.8

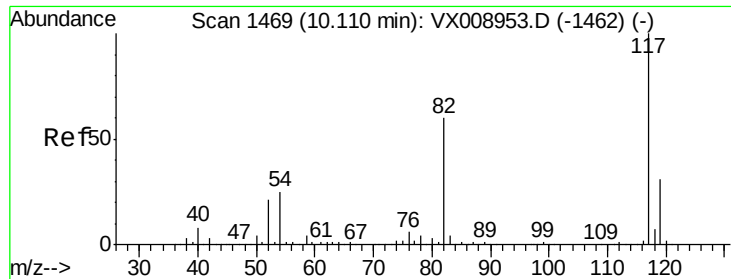


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

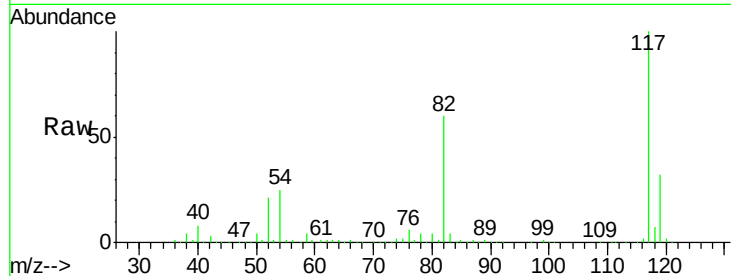




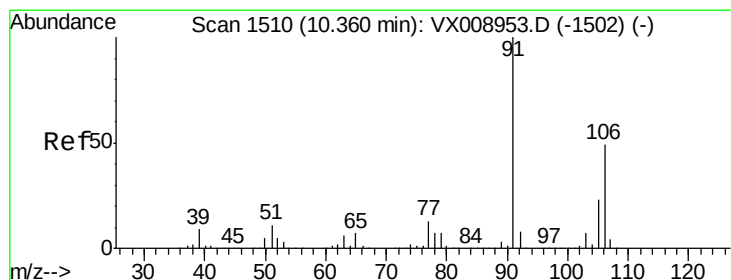
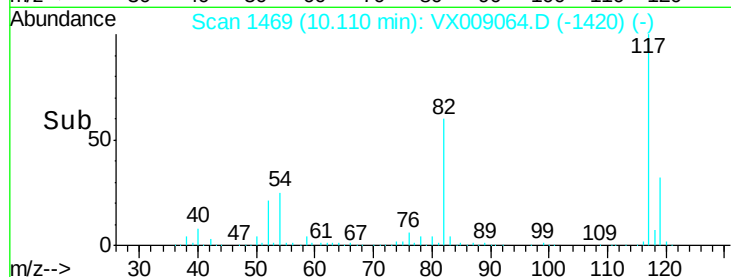
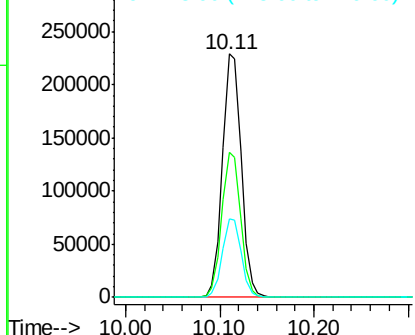
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009064.D
Acq: 19 Apr 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
AU-041819

Tot Ion:117 Resp: 319655
Ion Ratio Lower Upper
117 100
82 59.8 48.2 72.4
119 32.4 25.0 37.6

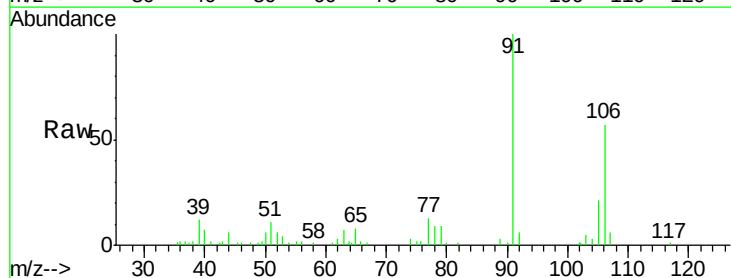


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

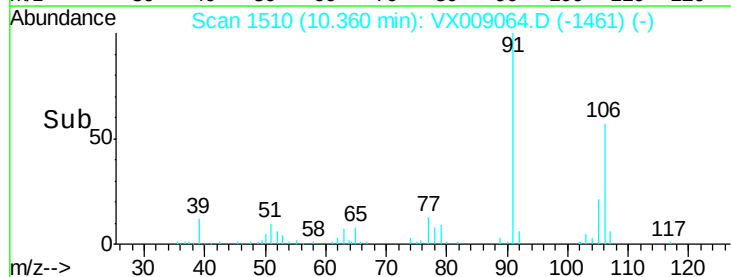
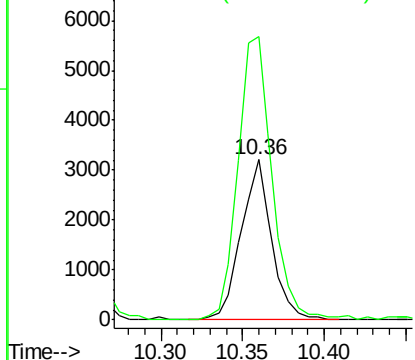


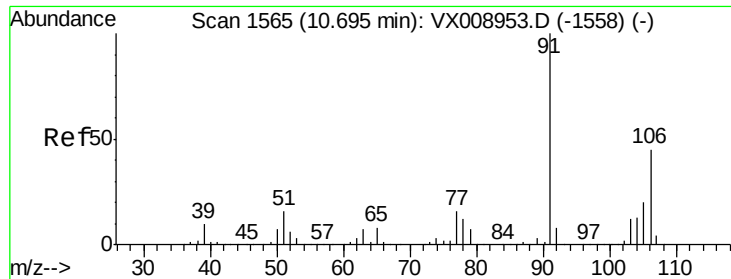
#68
m/p-Xylenes
Concen: 0.931 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009064.D
Acq: 19 Apr 2019 12:46

Tgt Ion:106 Resp: 4171
Ion Ratio Lower Upper
106 100
91 198.5 165.4 248.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

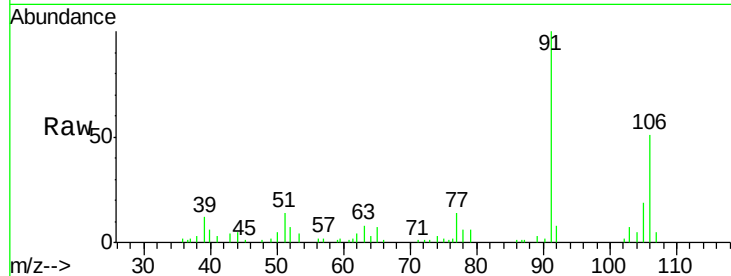




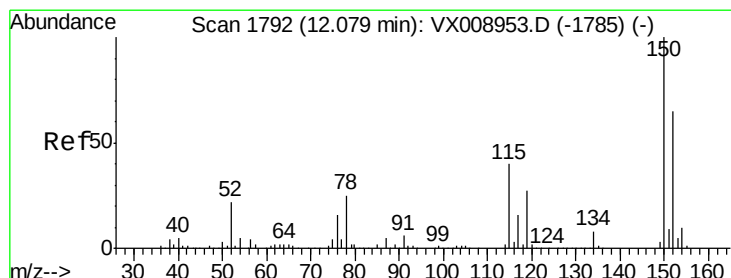
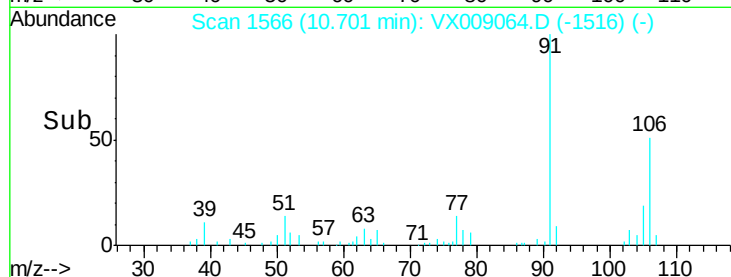
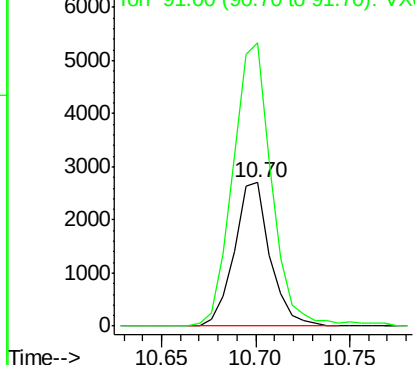
#69
o-Xylene
Concen: 0.819 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009064.D
Acq: 19 Apr 2019 12:46

Instrument :
MSVOA_X
ClientSampled :
AU-041819

Tot Ion:106 Resp: 3572
Ion Ratio Lower Upper
106 100
91 214.2 108.9 326.7

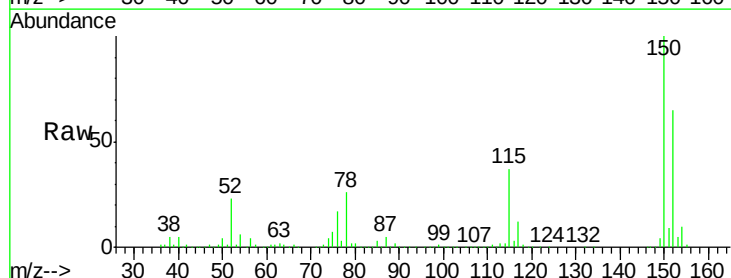


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

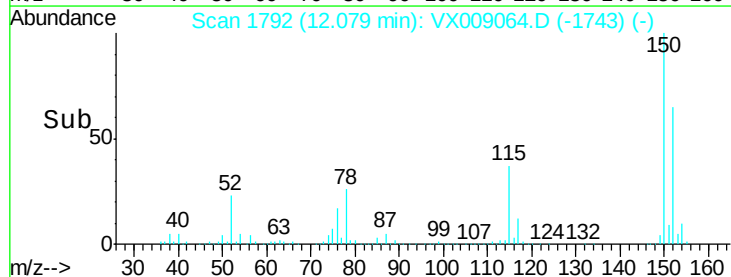
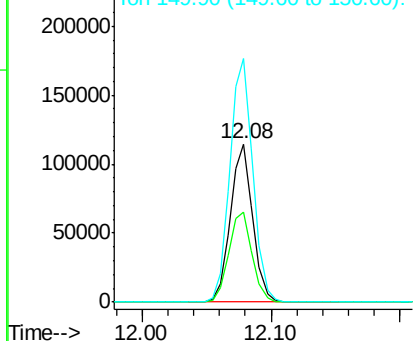


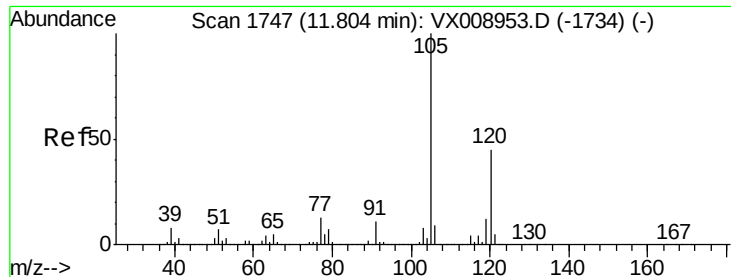
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009064.D
Acq: 19 Apr 2019 12:46

Tgt Ion:152 Resp: 138901
Ion Ratio Lower Upper
152 100
115 59.7 41.4 124.2
150 158.2 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 0.337 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009064.D

Acq: 19 Apr 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

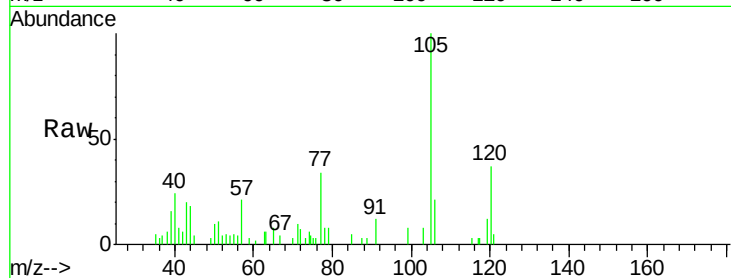
AU-041819

Tot Ion:105 Resp: 3034

Ion Ratio Lower Upper

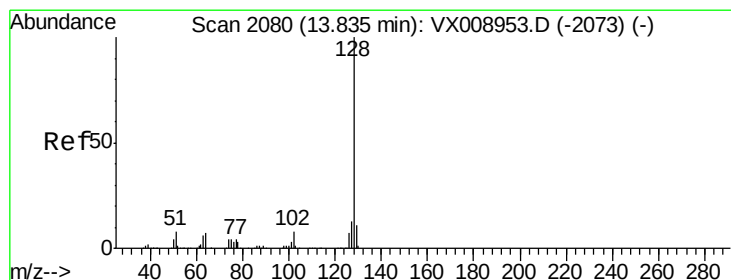
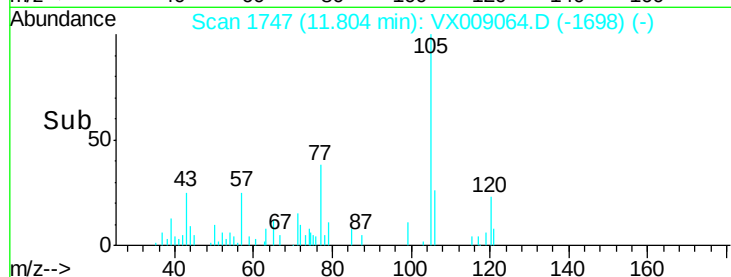
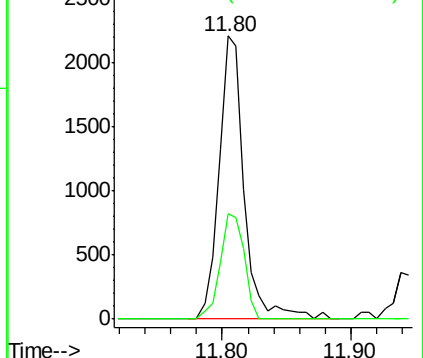
105 100

120 35.5 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.439 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009064.D

Acq: 19 Apr 2019 12:46

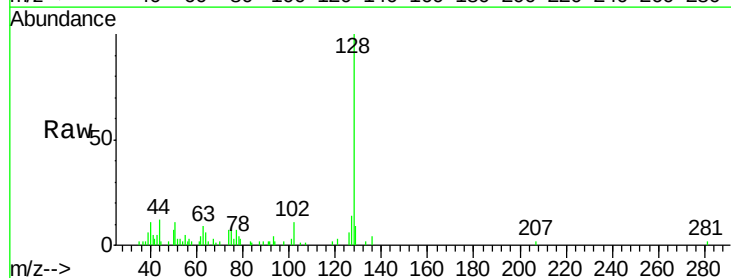
Tgt Ion:128 Resp: 4660

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.6 8.6 13.0



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

