

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016704.D
 Acq On : 11 Jun 2020 15:11
 Operator : JC/SP
 Sample : L2977-05DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-OC-2DL

Quant Time: Jun 12 07:32:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	205891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	333602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187718	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	126586	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	5.46	113	106925	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
50) Toluene-d8	8.70	98	411280	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.12	95	174726	56.56	ug/l	0.00
Spiked Amount			Recovery	=	113.12%	

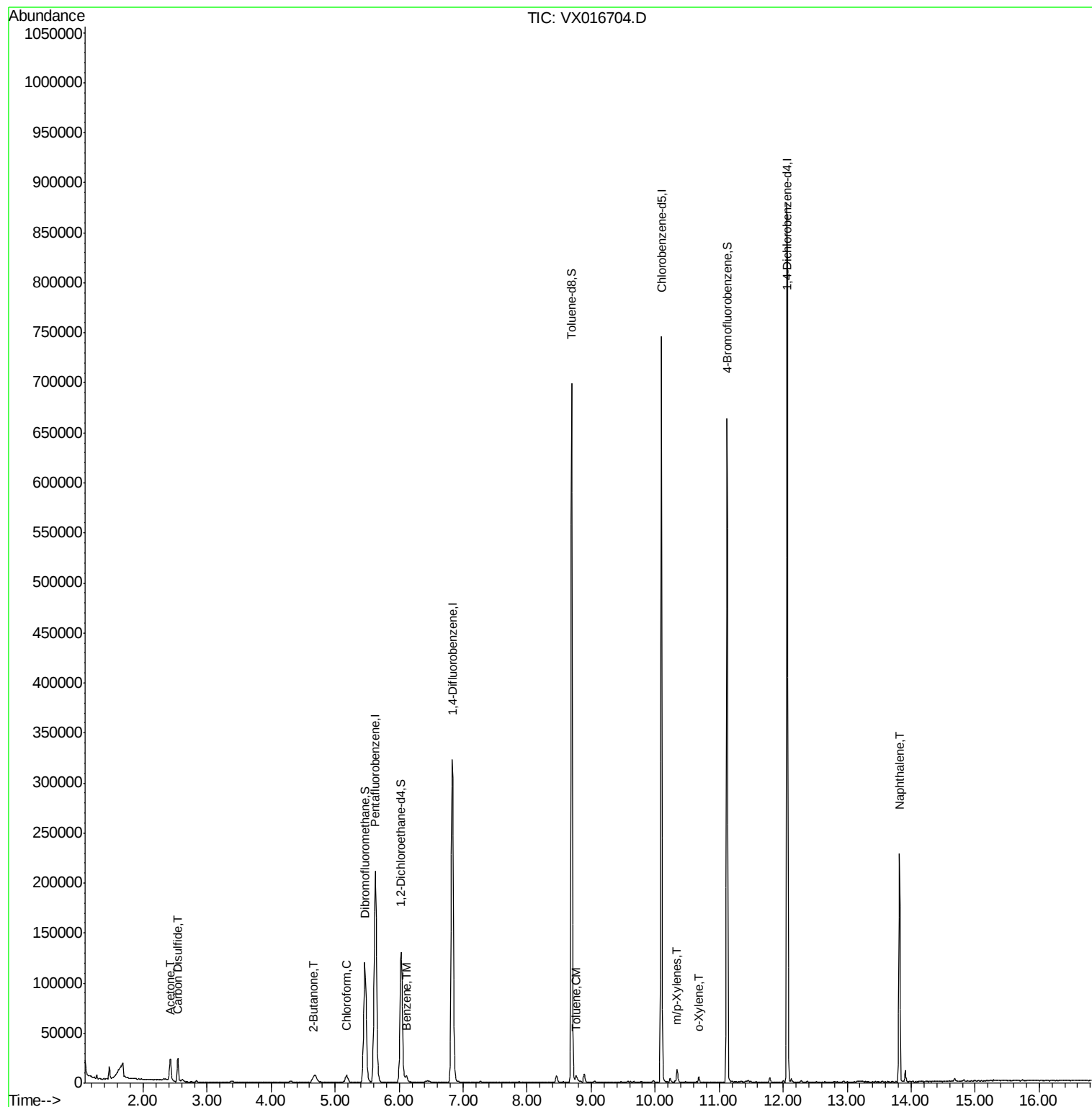
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	23878	21.315	ug/l	96
17) Carbon Disulfide	2.54	76	29572	5.027	ug/l	99
25) 2-Butanone	4.65	43	5219	2.749	ug/l	98
30) Chloroform	5.18	83	8448	2.122	ug/l	91
40) Benzene	6.11	78	7513	0.799	ug/l	97
52) Toluene	8.76	92	1962	0.331	ug/l	97
68) m/p-Xylenes	10.34	106	2797	0.600	ug/l	90
69) o-Xylene	10.68	106	1303	0.289	ug/l	90
95) Naphthalene	13.82	128	138457	10.621	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016704.D

Acq: 11 Jun 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

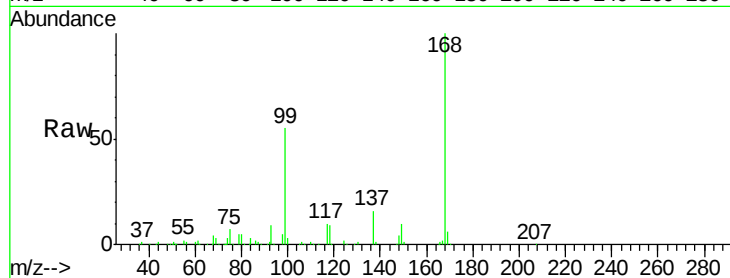
I-OC-2DL

Tot Ion:168 Resp: 205891

Ion Ratio Lower Upper

168 100

99 54.5 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

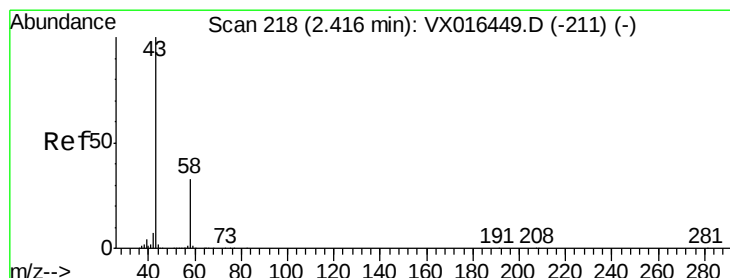
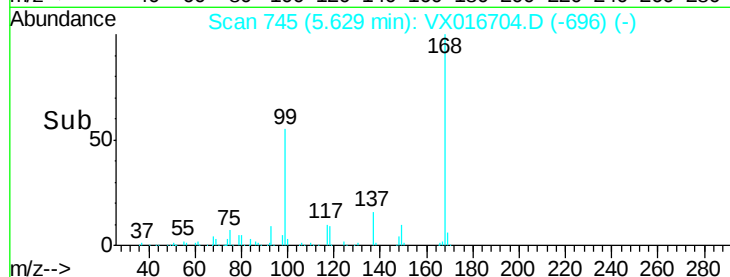
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 21.315 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016704.D

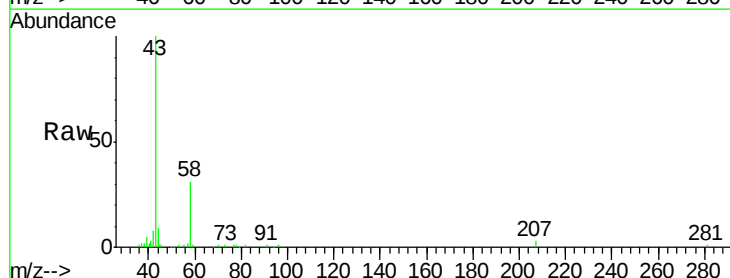
Acq: 11 Jun 2020 15:11

Tgt Ion: 43 Resp: 23878

Ion Ratio Lower Upper

43 100

58 30.5 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

15000

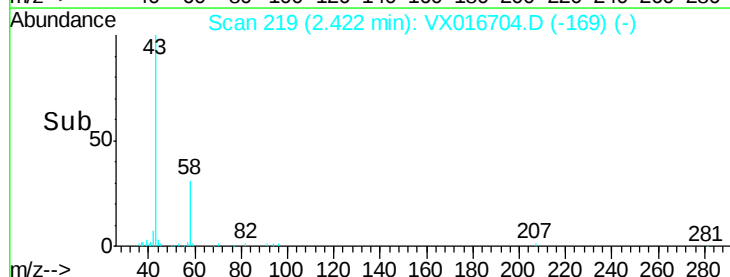
10000

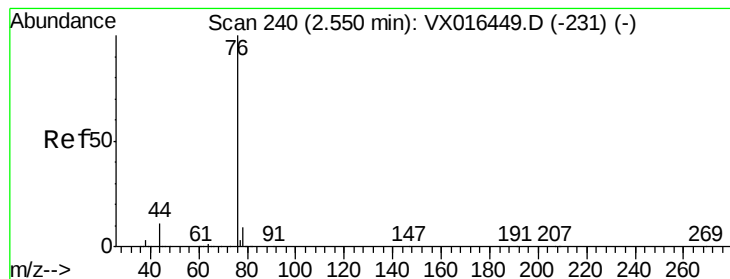
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#17

Carbon Disulfide

Concen: 5.027 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016704.D

Acq: 11 Jun 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

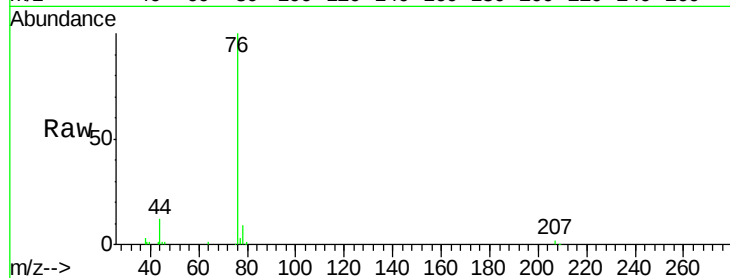
I-OC-2DL

Tot Ion: 76 Resp: 29572

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

20000

15000

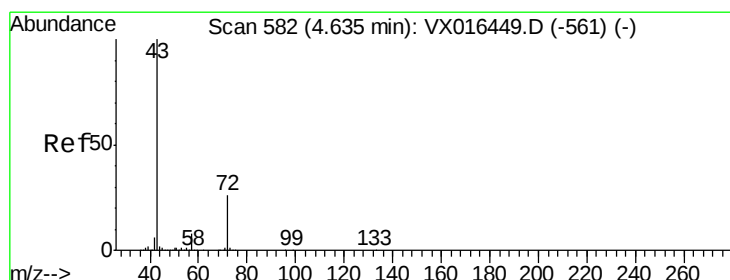
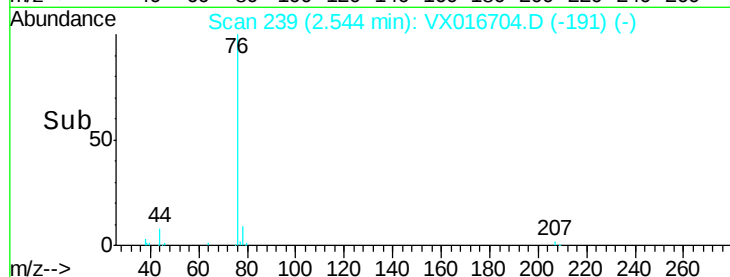
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#25

2-Butanone

Concen: 2.749 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX016704.D

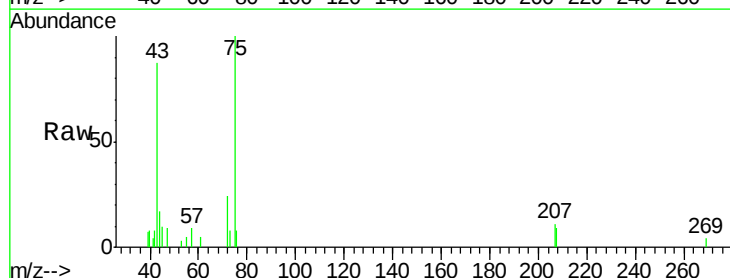
Acq: 11 Jun 2020 15:11

Tgt Ion: 43 Resp: 5219

Ion Ratio Lower Upper

43 100

72 27.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

1500

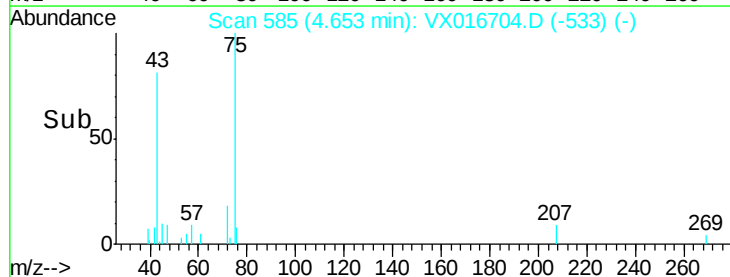
1000

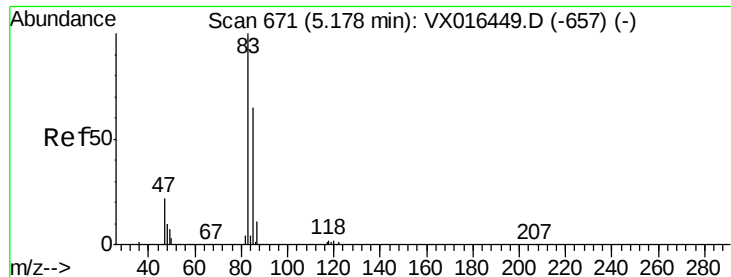
500

0

Time-->

4.60 4.70 4.80

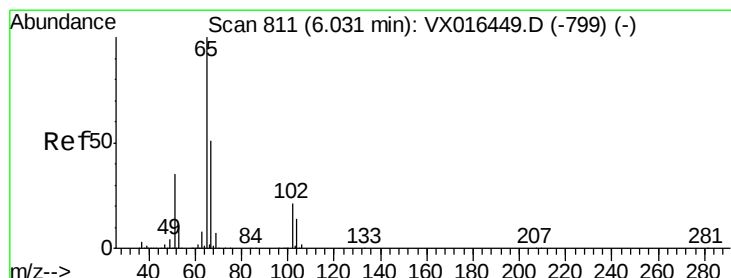
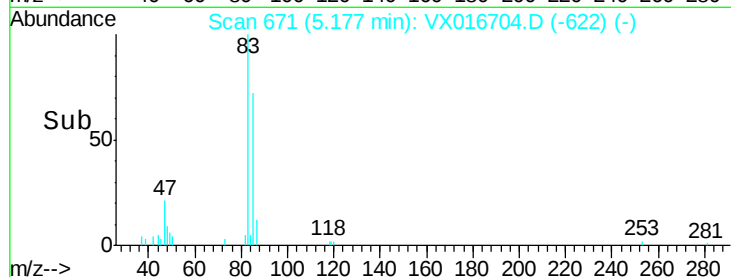
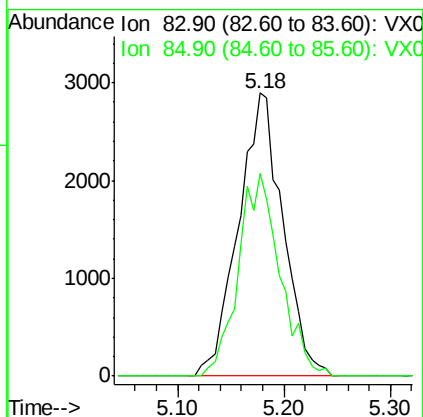
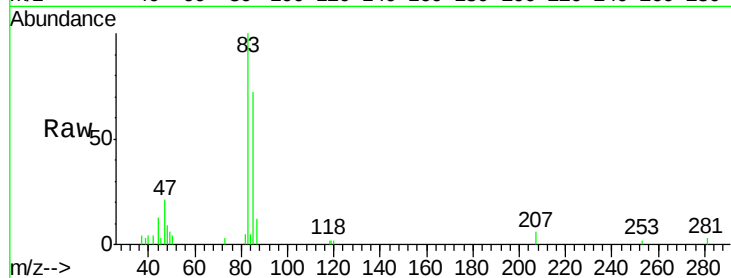




#30
Chloroform
Concen: 2.122 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016704.D
Acq: 11 Jun 2020 15:11

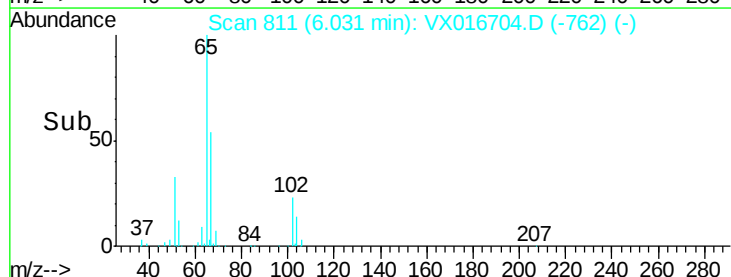
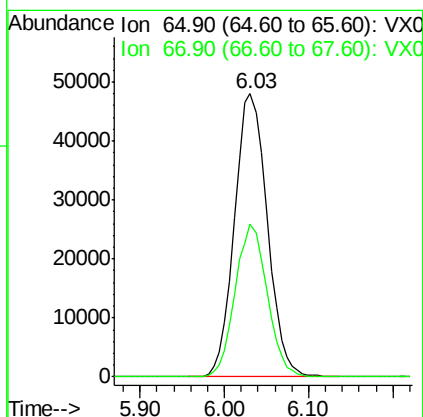
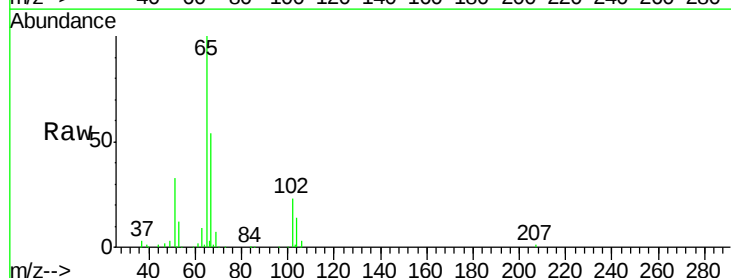
Instrument :
MSVOA_X
ClientSampleId :
I-OC-2DL

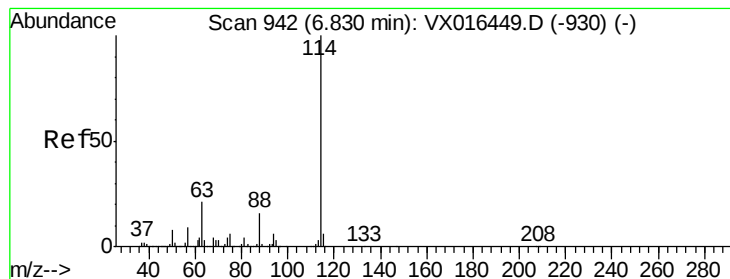
Tot Ion: 83 Resp: 8448
Ion Ratio Lower Upper
83 100
85 71.7 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 49.508 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016704.D
Acq: 11 Jun 2020 15:11

Tgt Ion: 65 Resp: 126586
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016704.D

Acq: 11 Jun 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

I-OC-2DL

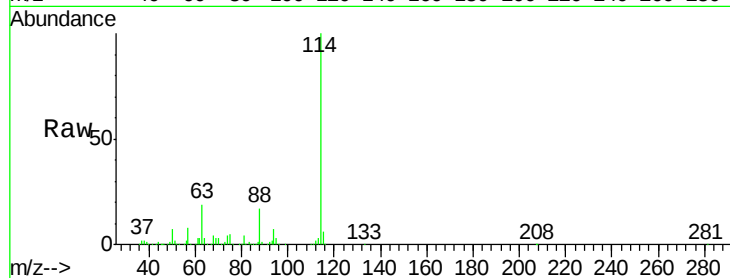
Tot Ion:114 Resp: 333602

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.6

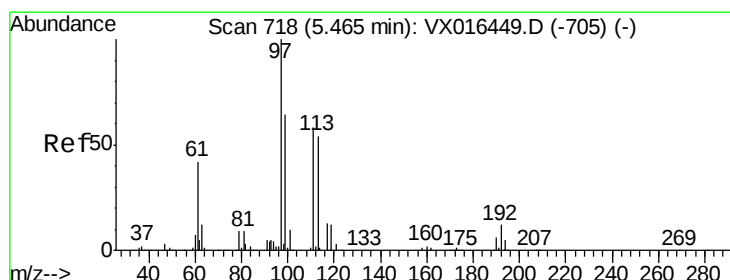
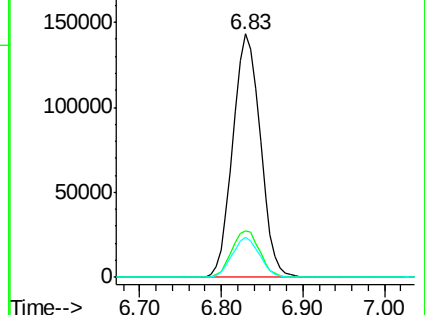
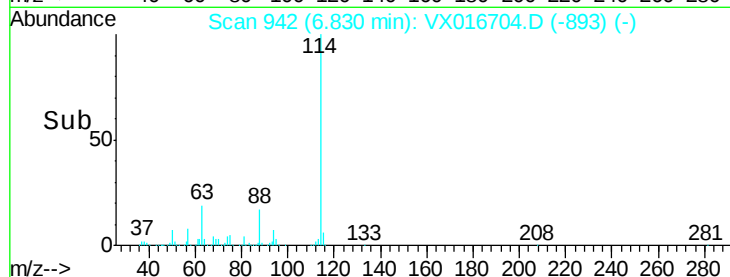
88 16.7 0.0 32.8



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: 52.053 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016704.D

Acq: 11 Jun 2020 15:11

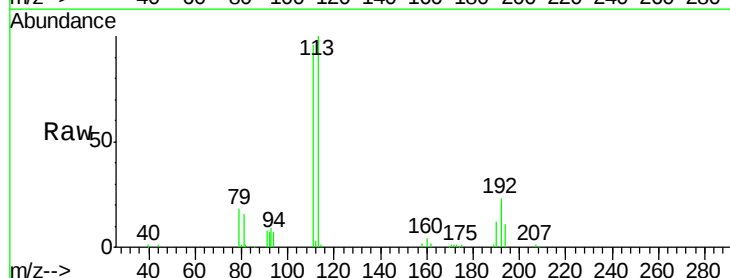
Tgt Ion:113 Resp: 106925

Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.6

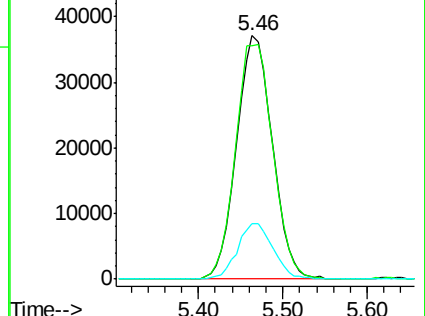
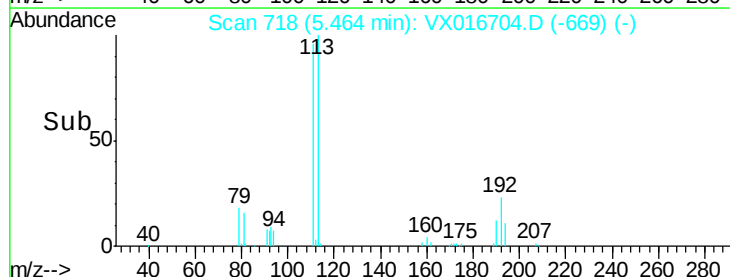
192 22.8 17.7 26.5

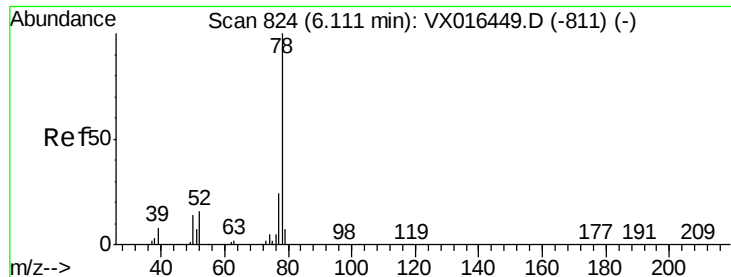


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.799 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX016704.D

Acq: 11 Jun 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

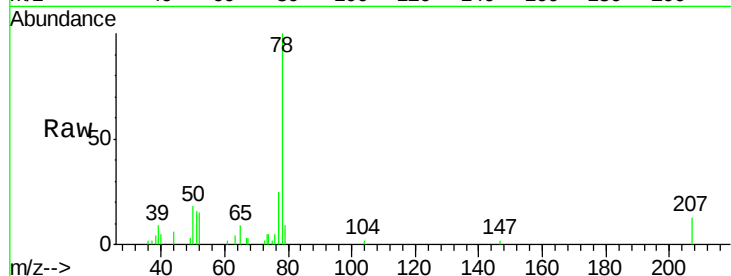
I-OC-2DL

Tot Ion: 78 Resp: 7513

Ion Ratio Lower Upper

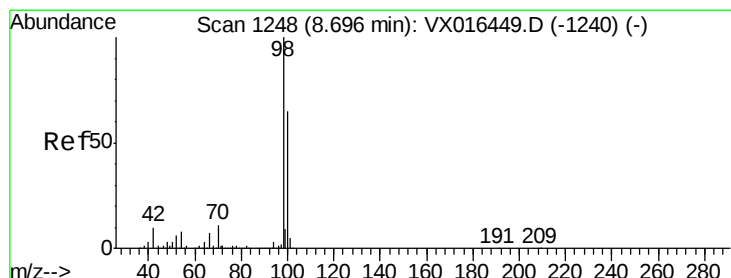
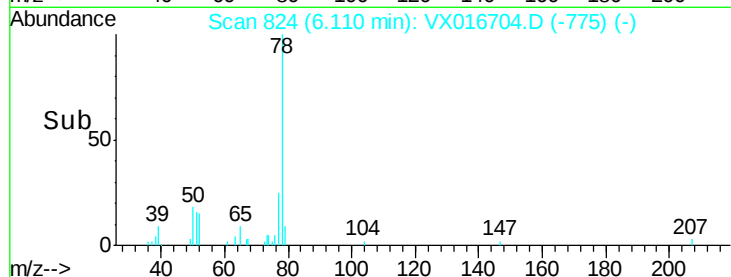
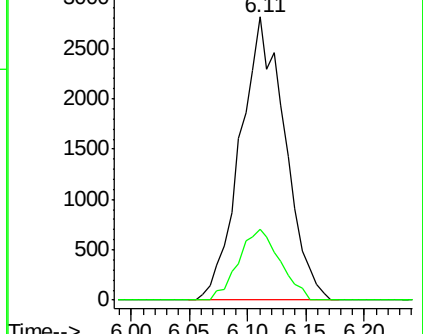
78 100

77 24.9 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.441 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016704.D

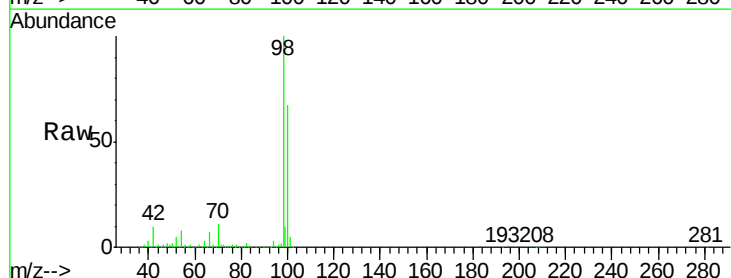
Acq: 11 Jun 2020 15:11

Tgt Ion: 98 Resp: 411280

Ion Ratio Lower Upper

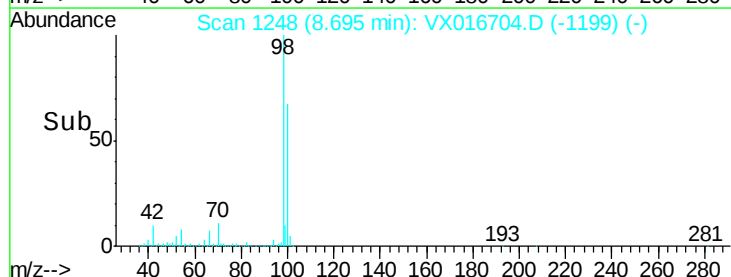
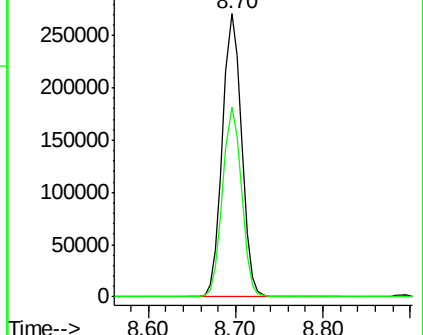
98 100

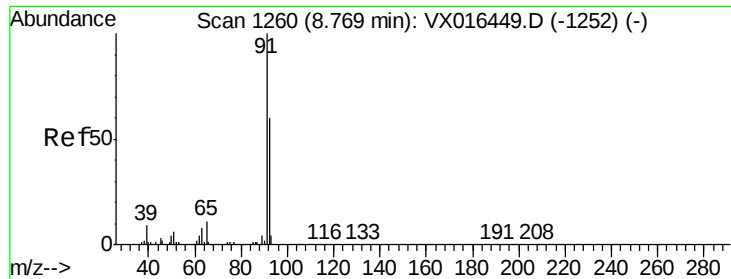
100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.331 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016704.D

Acq: 11 Jun 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

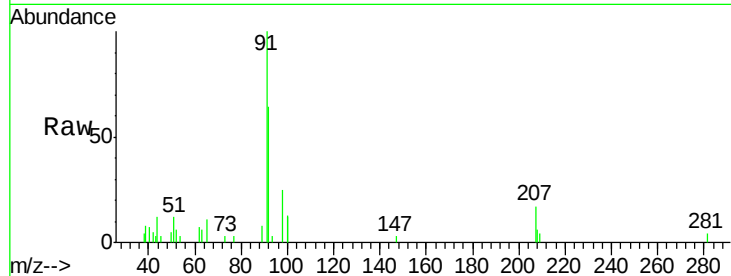
I-OC-2DL

Tot Ion: 92 Resp: 1962

Ion Ratio Lower Upper

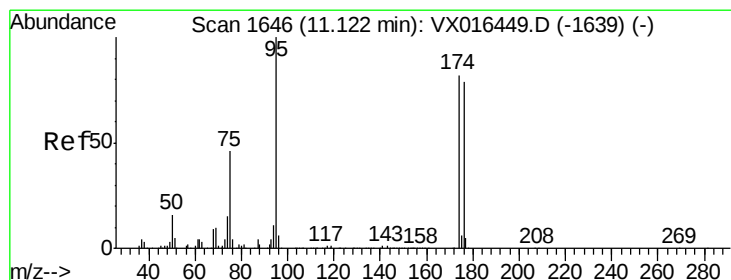
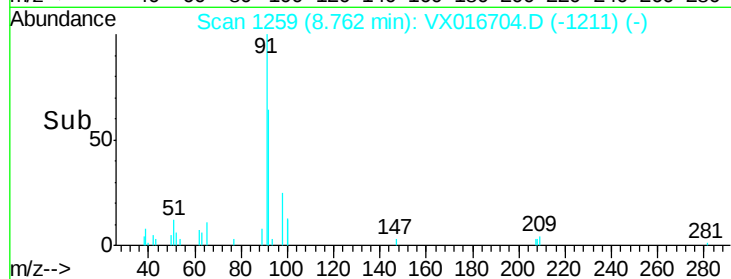
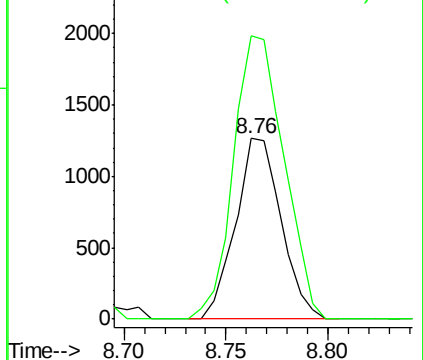
92 100

91 173.0 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 56.558 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016704.D

Acq: 11 Jun 2020 15:11

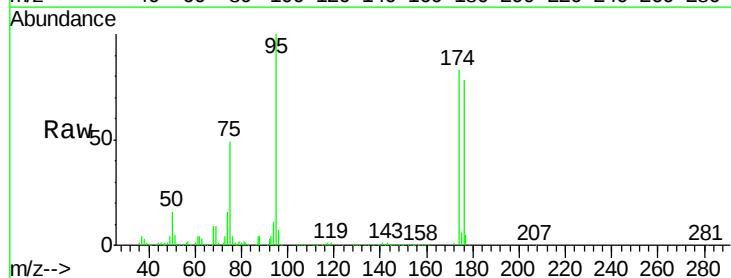
Tgt Ion: 95 Resp: 174726

Ion Ratio Lower Upper

95 100

174 86.5 0.0 163.0

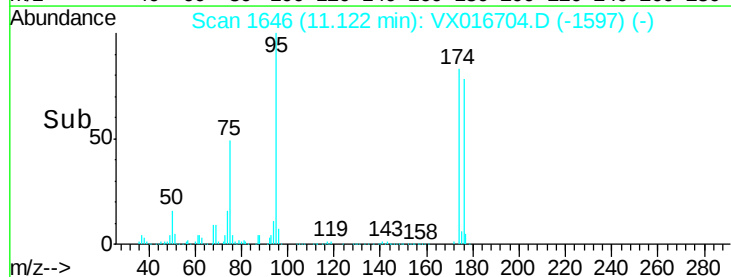
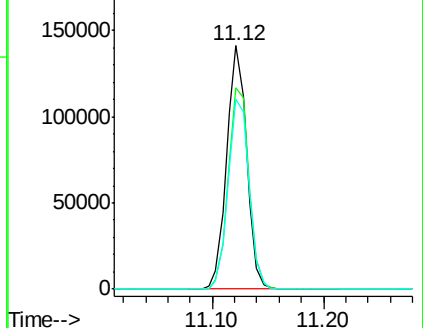
176 82.1 0.0 156.8

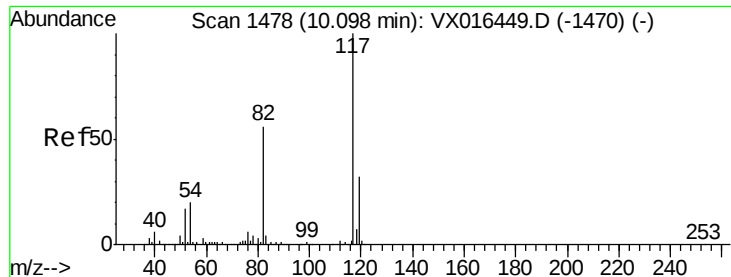


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

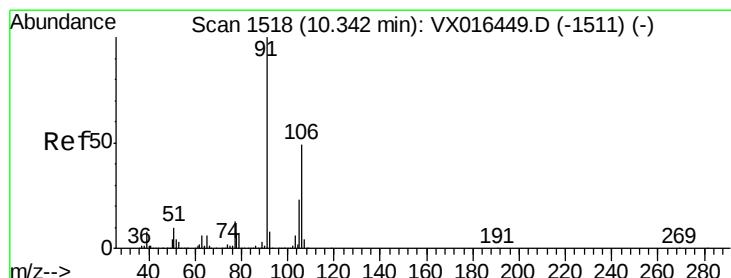
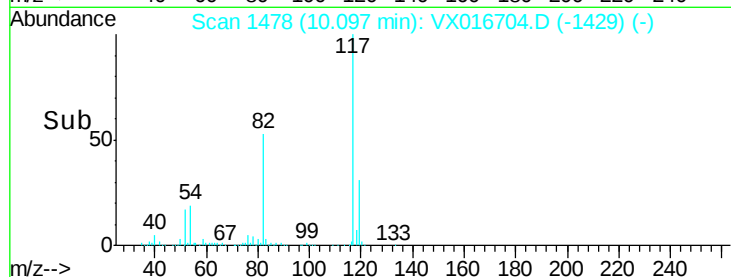
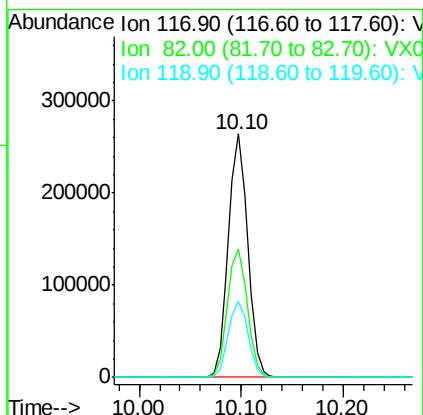
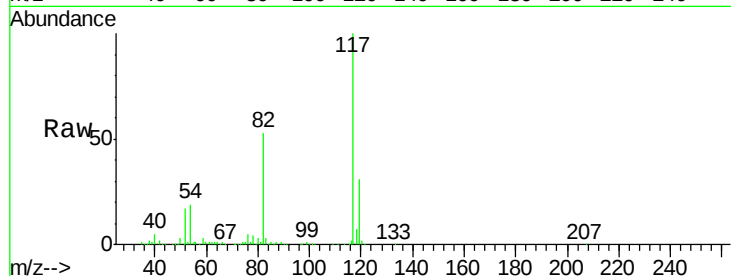




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016704.D
Acq: 11 Jun 2020 15:11

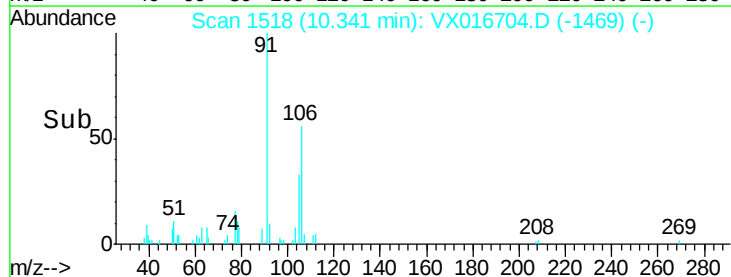
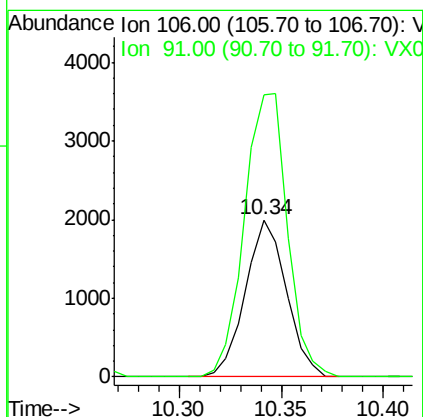
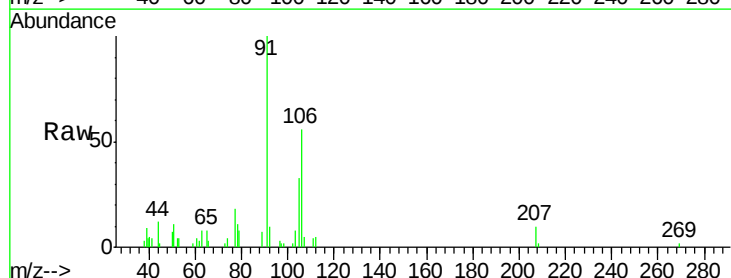
Instrument :
MSVOA_X
ClientSampleId :
I-OC-2DL

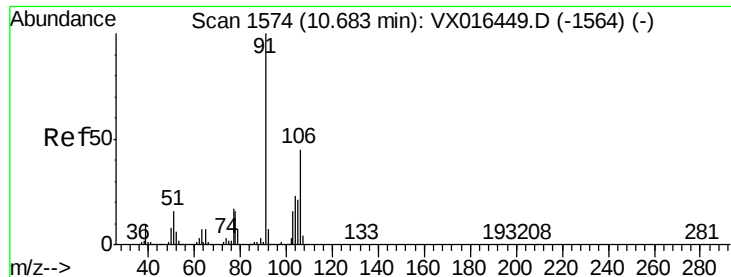
Tot Ion:117 Resp: 346208
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.6
119 31.2 25.8 38.8



#68
m/p-Xylenes
Concen: 0.600 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016704.D
Acq: 11 Jun 2020 15:11

Tgt Ion:106 Resp: 2797
Ion Ratio Lower Upper
106 100
91 188.7 163.8 245.8

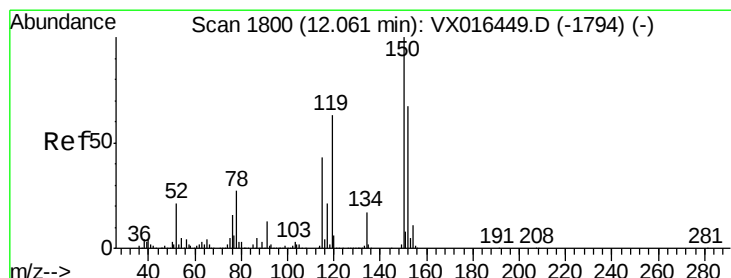
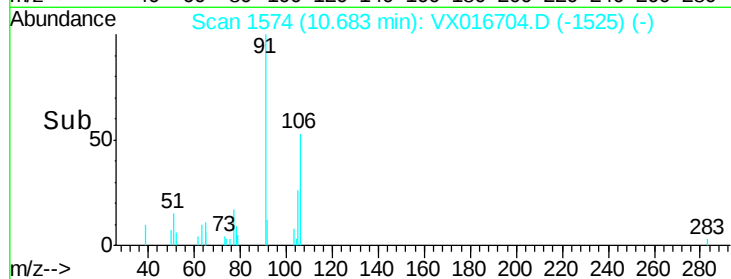
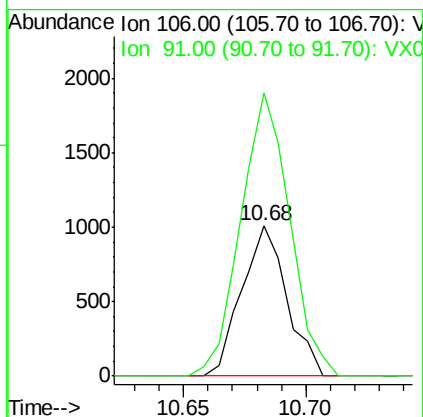
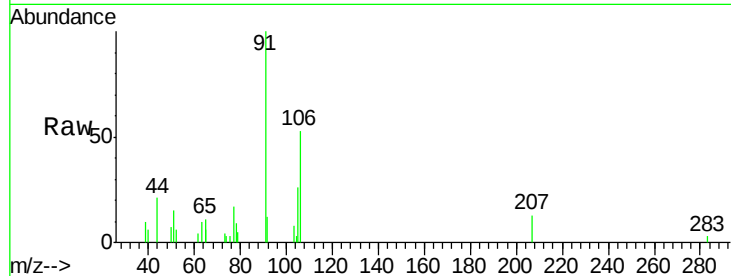




#69
o-Xylene
Concen: 0.289 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016704.D
Acq: 11 Jun 2020 15:11

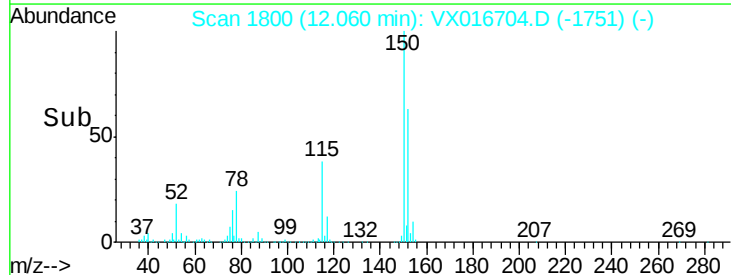
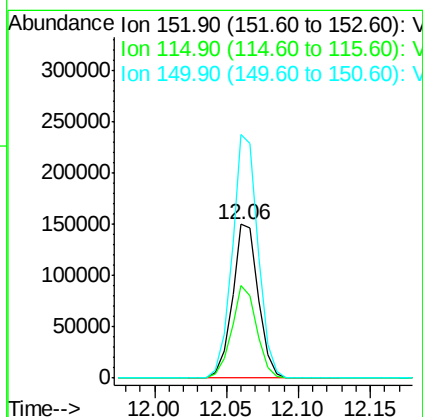
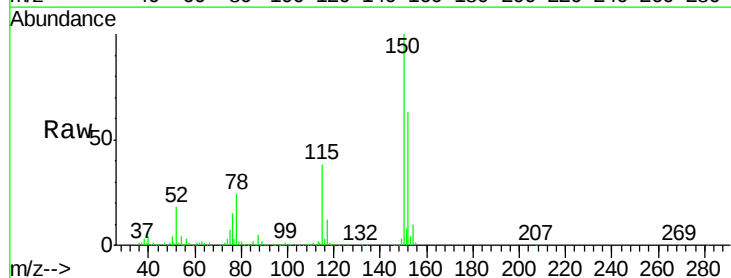
Instrument :
MSVOA_X
ClientSampled :
I-OC-2DL

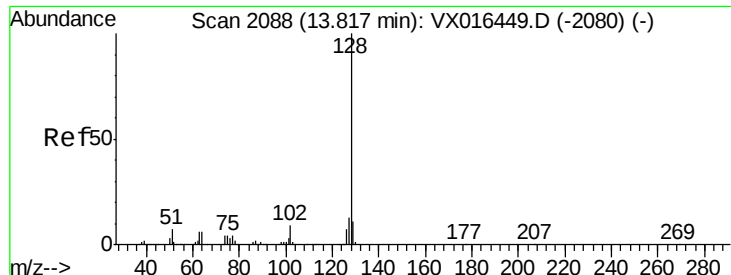
Tot Ion:106 Resp: 1303
Ion Ratio Lower Upper
106 100
91 203.5 109.6 328.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016704.D
Acq: 11 Jun 2020 15:11

Tgt Ion:152 Resp: 187718
Ion Ratio Lower Upper
152 100
115 57.9 39.9 119.6
150 157.2 0.0 341.0





#95

Naphthalene

Concen: 10.621 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016704.D

Acq: 11 Jun 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

I-OC-2DL

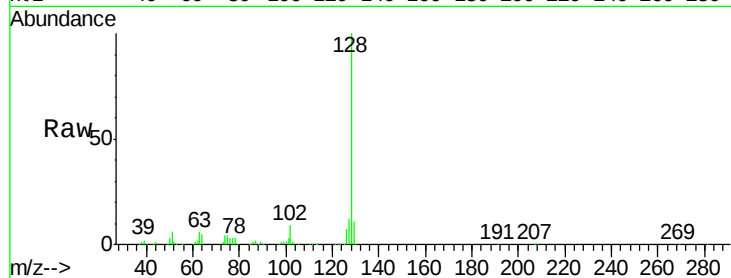
Tot Ion:128 Resp: 138457

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 11.1 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

