

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018598.D
 Acq On : 25 Sep 2020 16:17
 Operator : JC/SP
 Sample : L4098-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEAL-POT

Quant Time: Sep 28 02:58:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	416430	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	539910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	138138	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	142751	24.23	ug/l	0.00
Spiked Amount			Recovery	=	48.46%	
35) Dibromofluoromethane	5.48	113	149023	39.93	ug/l	0.01
Spiked Amount			Recovery	=	79.86%	
50) Toluene-d8	8.70	98	597382	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	
62) 4-Bromofluorobenzene	11.12	95	143921	26.68	ug/l	0.00
Spiked Amount			Recovery	=	53.36%	

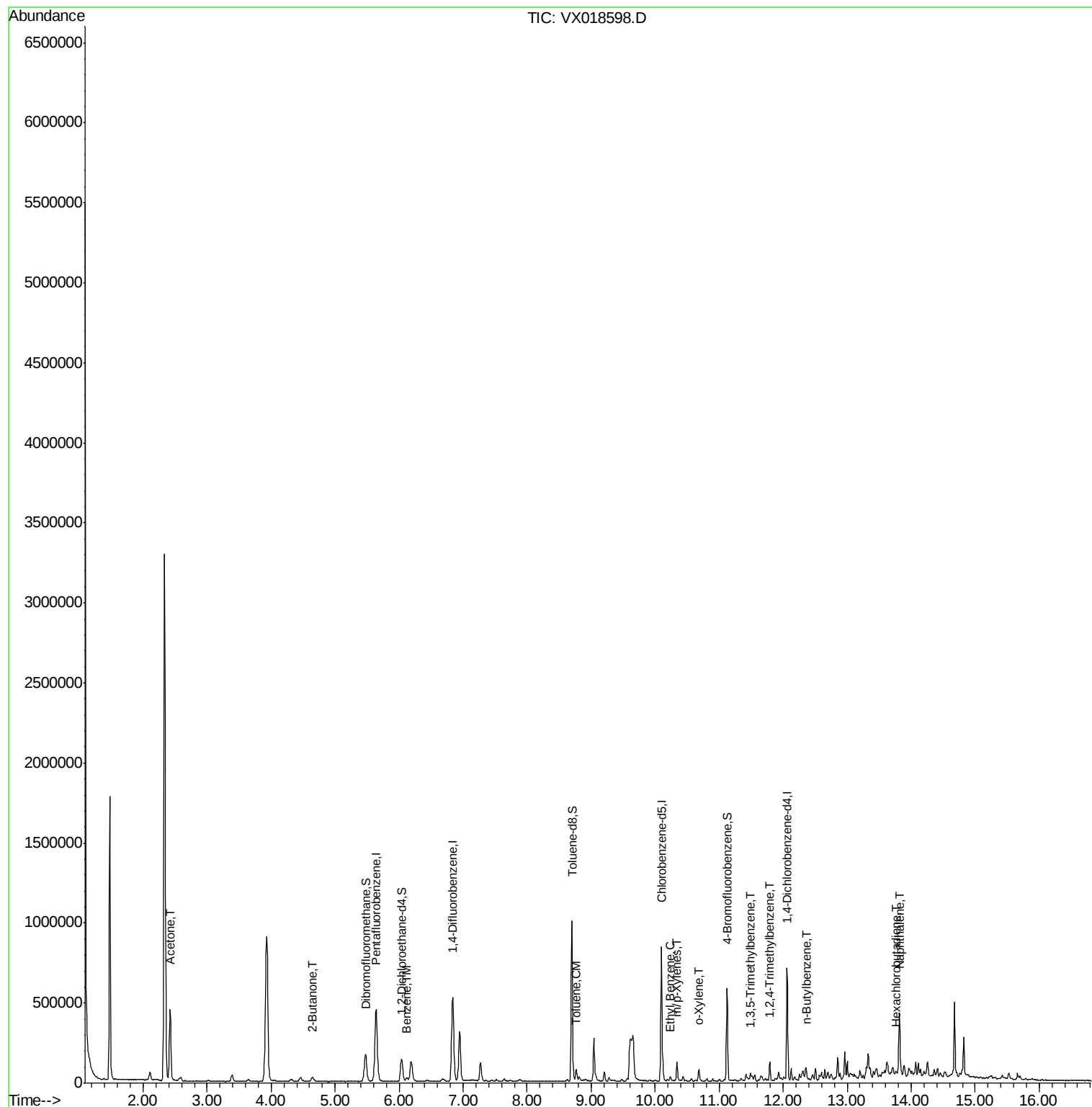
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	463163	205.580	ug/l	100
25) 2-Butanone	4.65	43	40089	11.426	ug/l	100
40) Benzene	6.12	78	25787	1.717	ug/l	98
52) Toluene	8.77	92	24983	2.644	ug/l	98
67) Ethyl Benzene	10.24	91	14017	1.059	ug/l	92
68) m/p-Xylenes	10.34	106	27426	5.476	ug/l	99
69) o-Xylene	10.68	106	14981	3.159	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	20994	2.660	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	46342	5.831	ug/l	98
89) n-Butylbenzene	12.37	91	12263m	1.594	ug/l	
94) Hexachlorobutadiene	13.77	225	2033	1.625	ug/l	92
95) Naphthalene	13.82	128	221372	24.579	ug/l	98

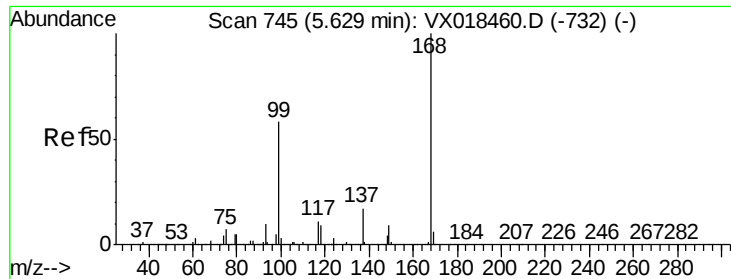
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092520\
Data File : VX018598.D
Acq On : 25 Sep 2020 16:17
Operator : JC/SP
Sample : L4098-21
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

Quant Time: Sep 28 02:58:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 747

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

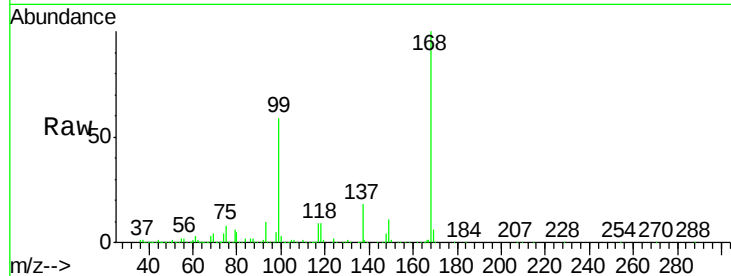
SEAL-POT

Tot Ion:168 Resp: 416430

Ion Ratio Lower Upper

168 100

99 59.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

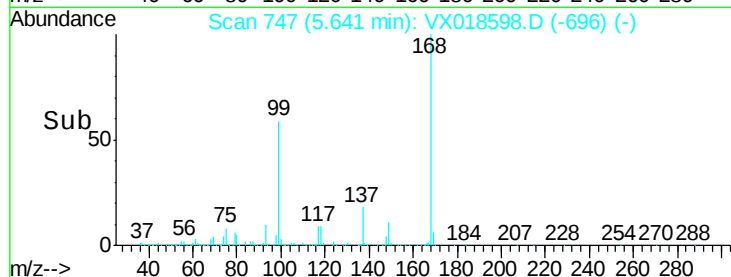
150000

100000

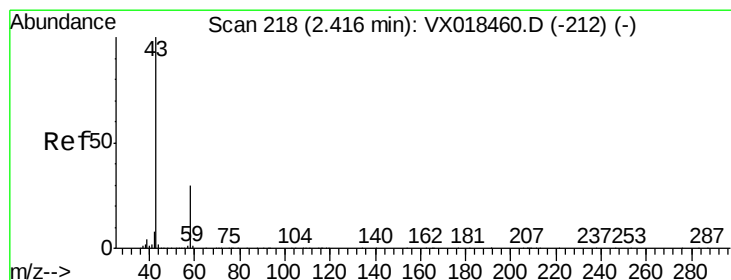
50000

0

5.50 5.60 5.70 5.80



Time-->



#16

Acetone

Concen: 205.580 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018598.D

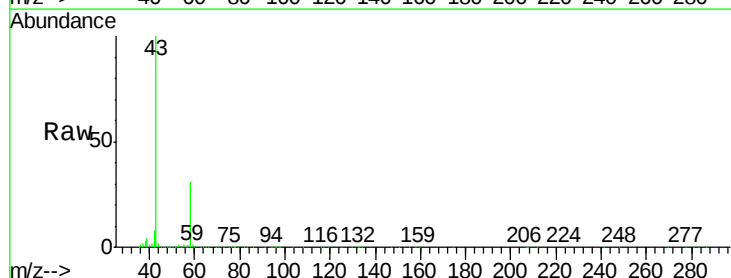
Acq: 25 Sep 2020 16:17

Tgt Ion: 43 Resp: 463163

Ion Ratio Lower Upper

43 100

58 29.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000000

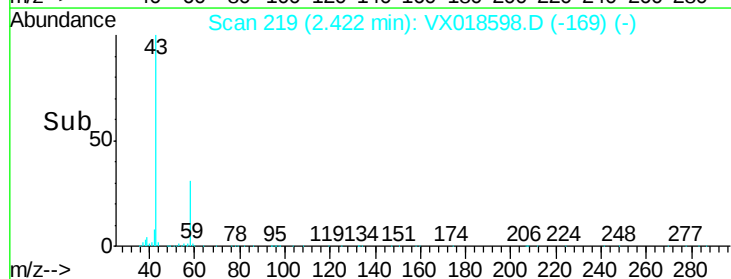
1500000

1000000

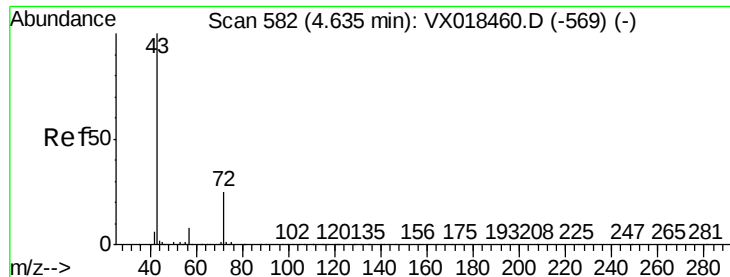
500000

0

2.35 2.40 2.45 2.50



Time-->



#25

2-Butanone

Concen: 11.426 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

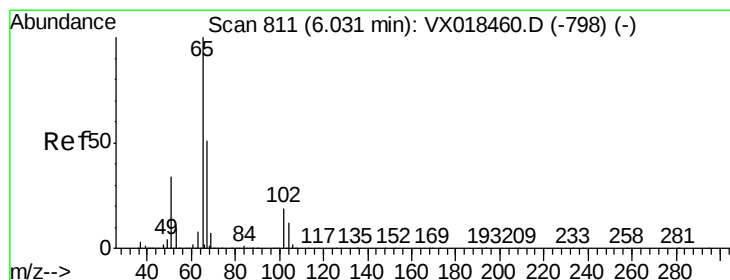
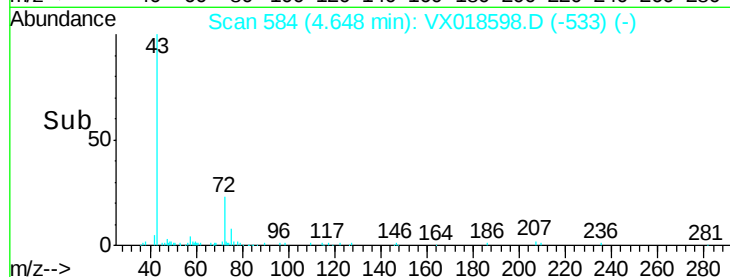
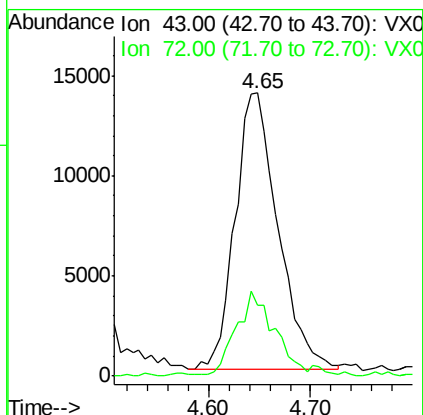
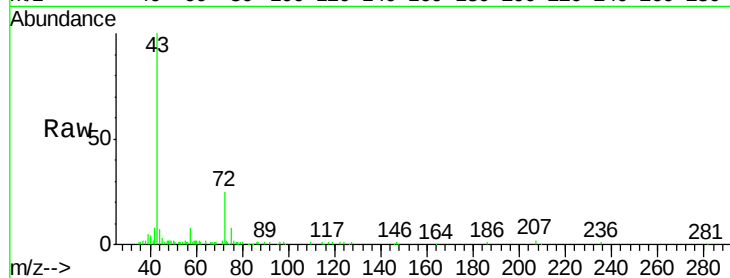
SEAL-POT

Tot Ion: 43 Resp: 40089

Ion Ratio Lower Upper

43 100

72 25.1 20.2 30.4



#33

1,2-Dichloroethane-d4

Concen: 24.232 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018598.D

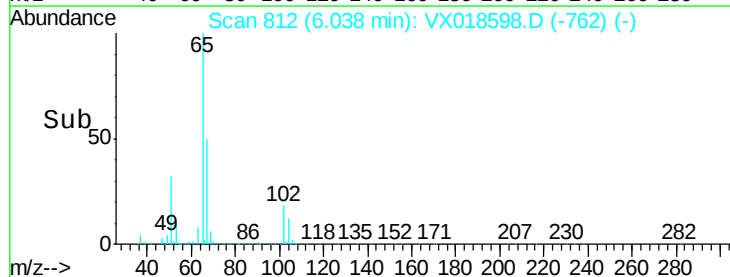
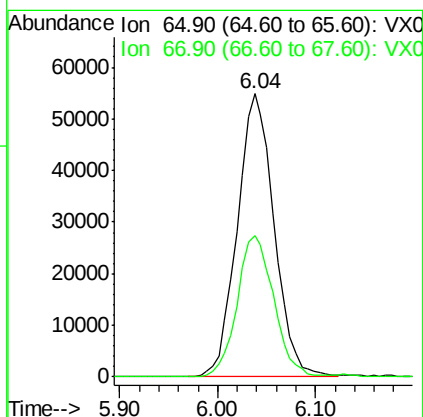
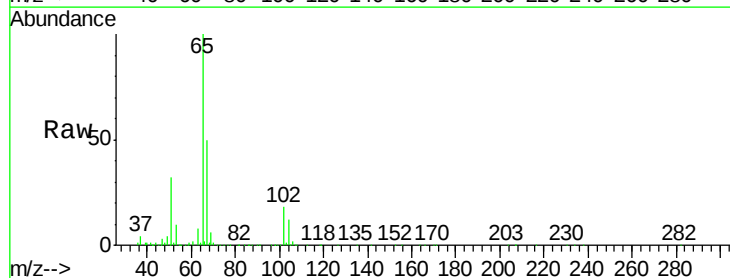
Acq: 25 Sep 2020 16:17

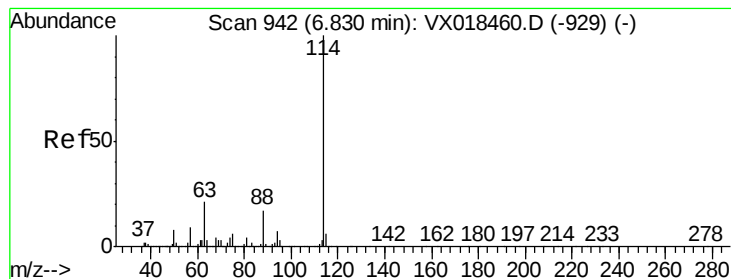
Tgt Ion: 65 Resp: 142751

Ion Ratio Lower Upper

65 100

67 49.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

SEAL-POT

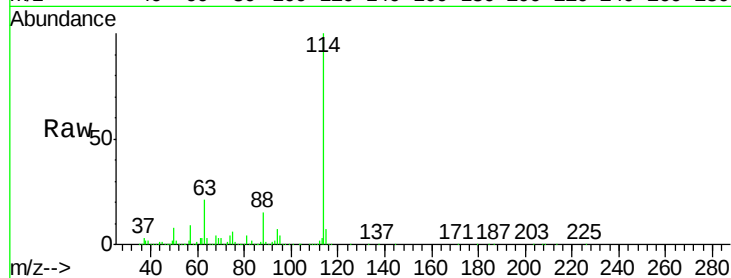
Tot Ion:114 Resp: 539910

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

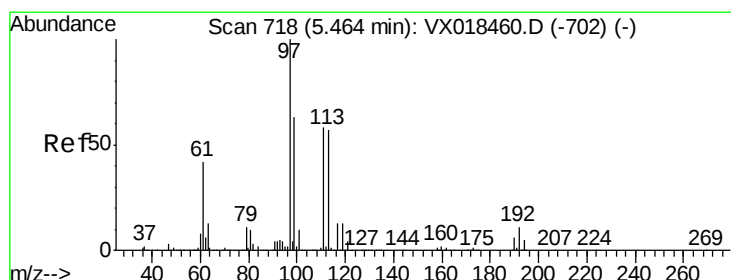
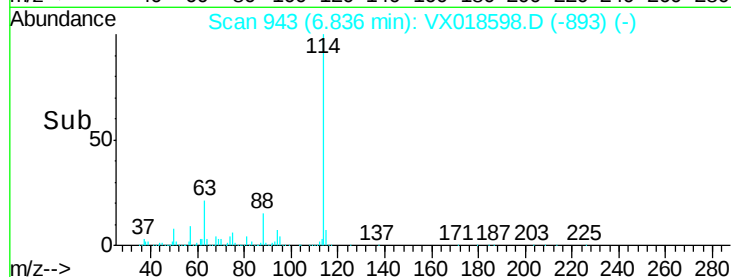
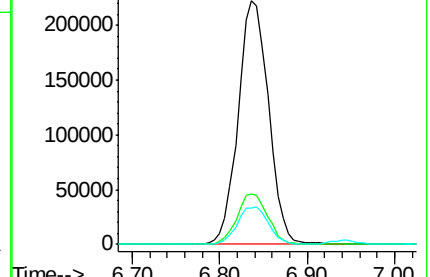
88 15.0 0.0 33.6



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: 39.926 ug/l

RT: 5.48 min Scan# 720

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

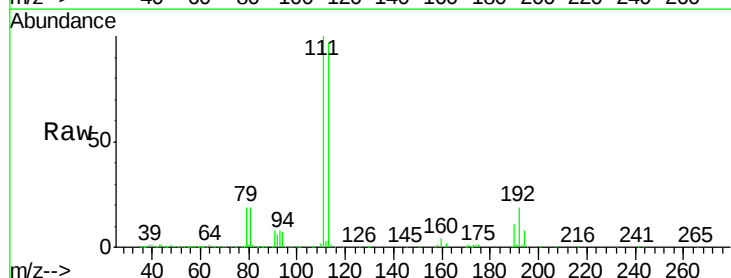
Tgt Ion:113 Resp: 149023

Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.2

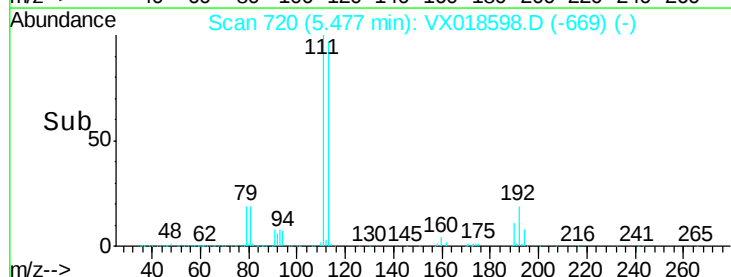
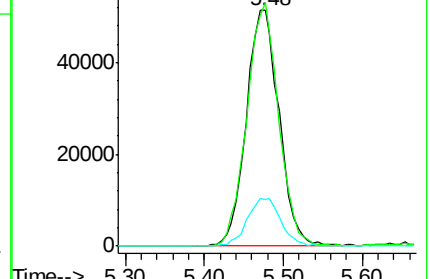
192 20.6 16.6 24.8

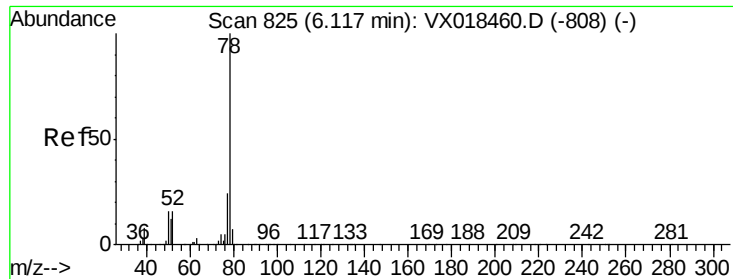


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.717 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

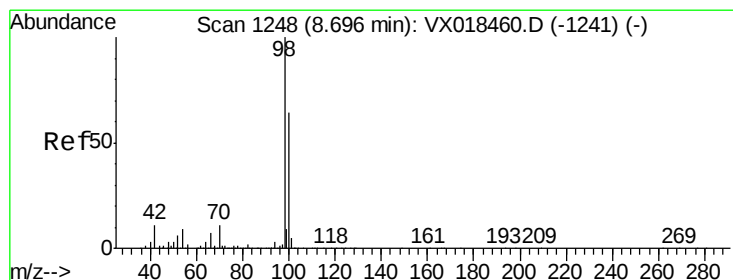
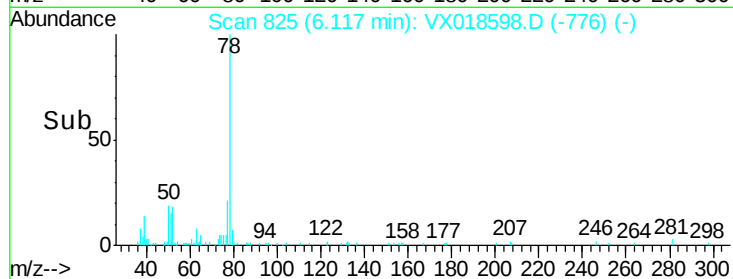
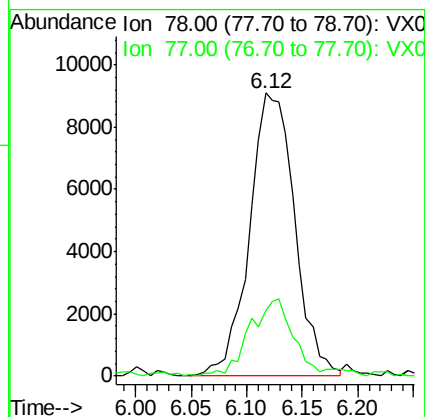
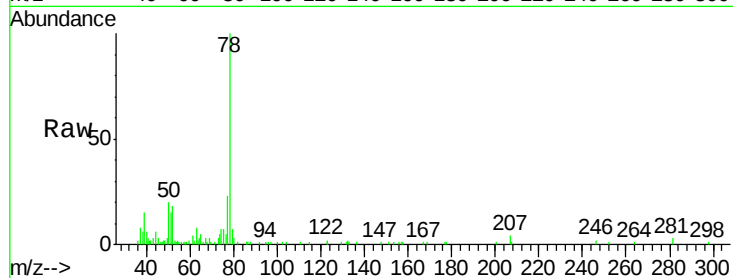
SEAL-POT

Tot Ion: 78 Resp: 25787

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.4



#50

Toluene-d8

Concen: 44.050 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX018598.D

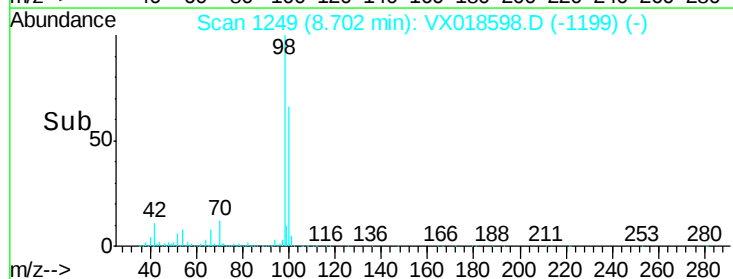
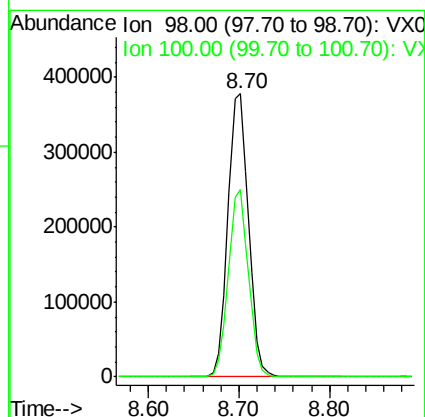
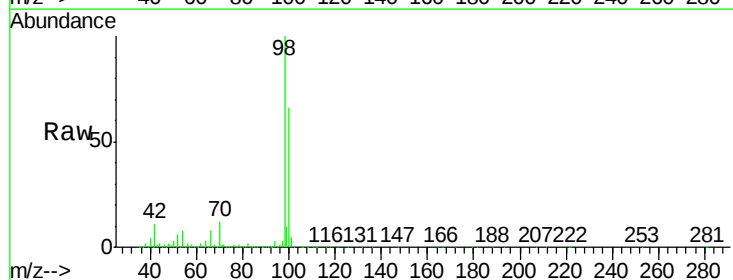
Acq: 25 Sep 2020 16:17

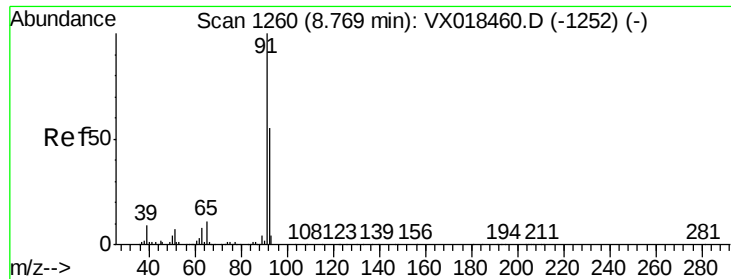
Tgt Ion: 98 Resp: 597382

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5





#52

Toluene

Concen: 2.644 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

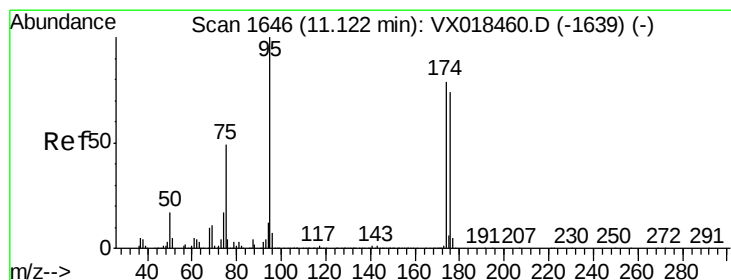
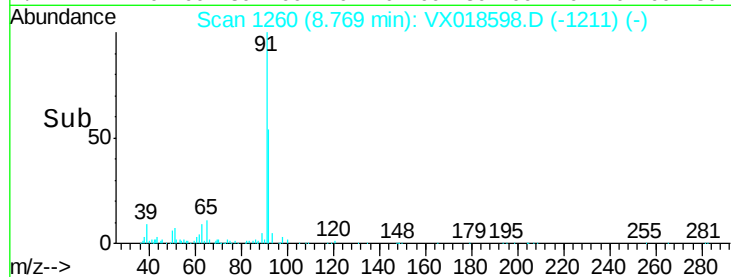
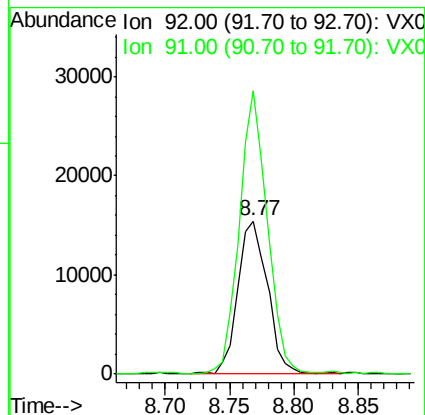
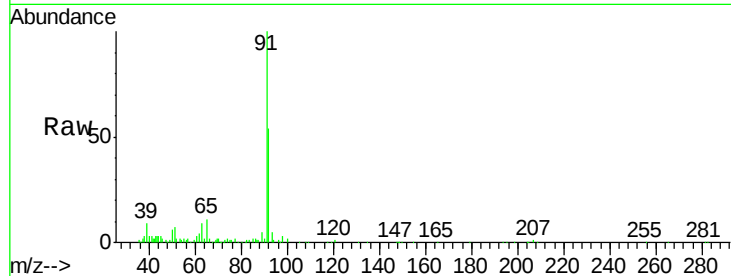
SEAL-POT

Tot Ion: 92 Resp: 24983

Ion Ratio Lower Upper

92 100

91 172.6 140.6 210.8



#62

4-Bromofluorobenzene

Concen: 26.680 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

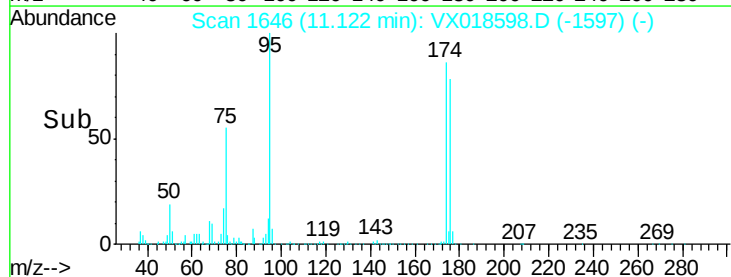
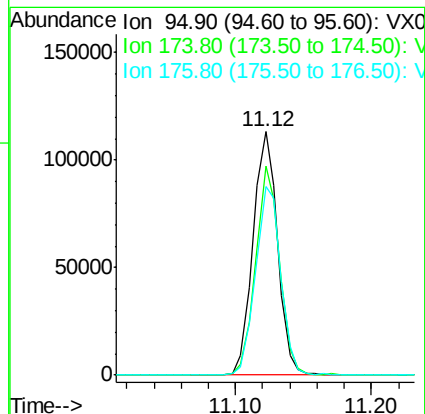
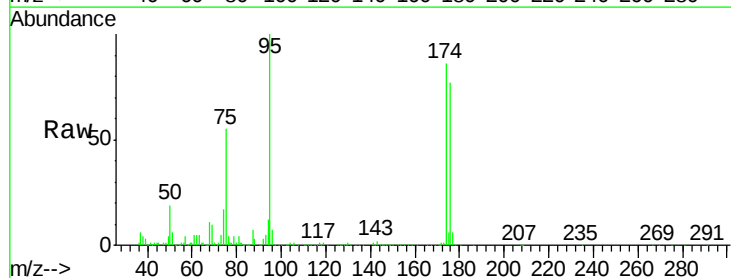
Tgt Ion: 95 Resp: 143921

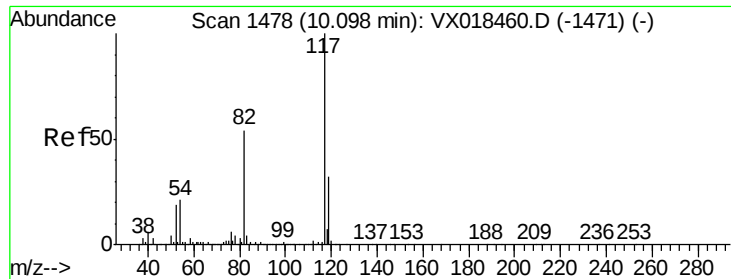
Ion Ratio Lower Upper

95 100

174 83.9 0.0 161.4

176 79.8 0.0 151.4

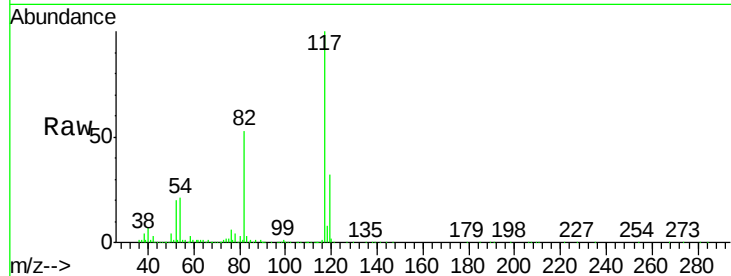




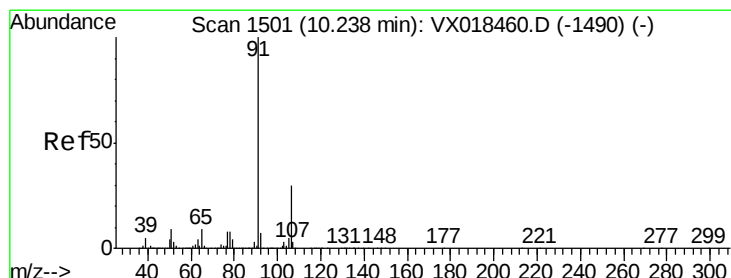
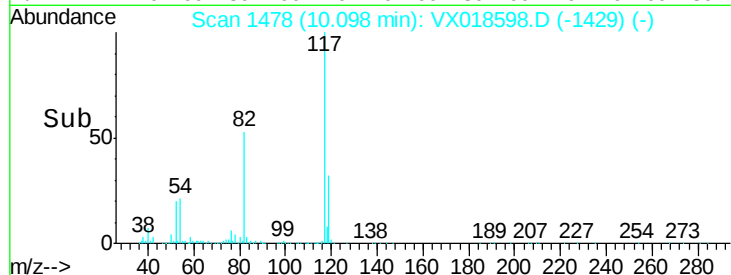
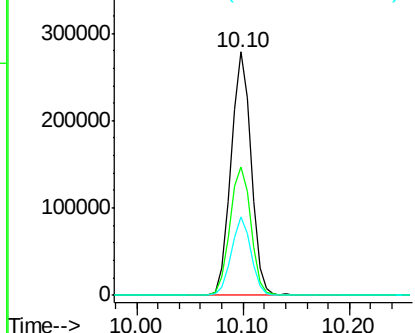
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

Tot Ion:117 Resp: 371447
Ion Ratio Lower Upper
117 100
82 52.5 43.3 64.9
119 32.3 25.9 38.9

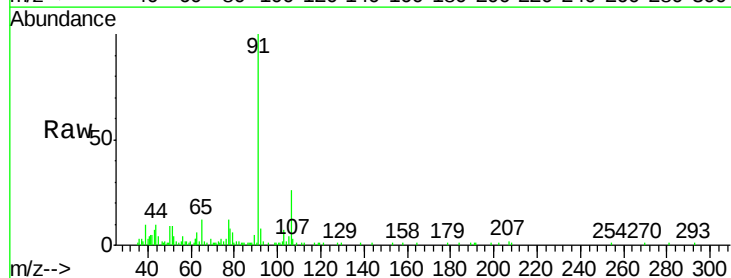


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

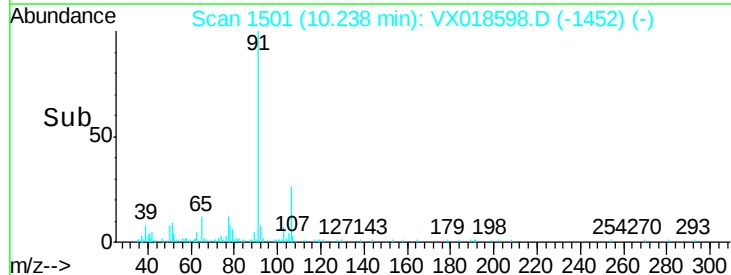
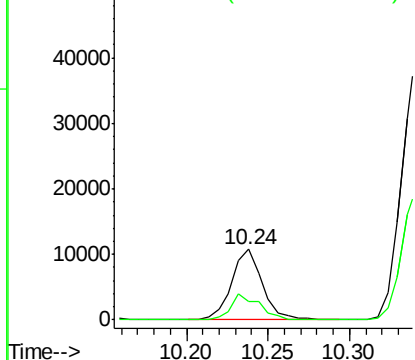


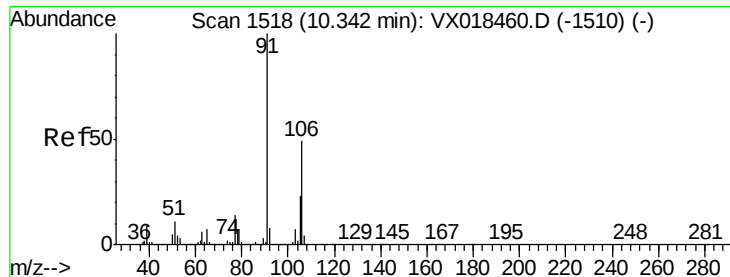
#67
Ethyl Benzene
Concen: 1.059 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion: 91 Resp: 14017
Ion Ratio Lower Upper
91 100
106 25.7 24.1 36.1



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





#68

m/p-Xylenes

Concen: 5.476 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

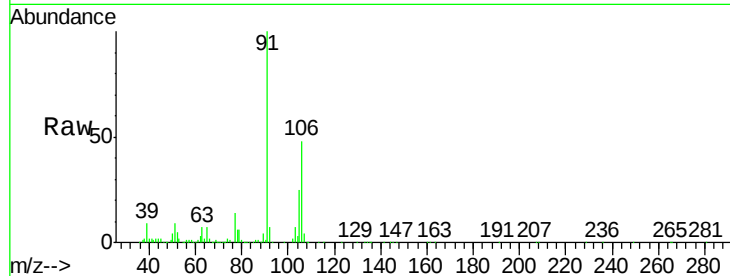
SEAL-POT

Tot Ion:106 Resp: 27426

Ion Ratio Lower Upper

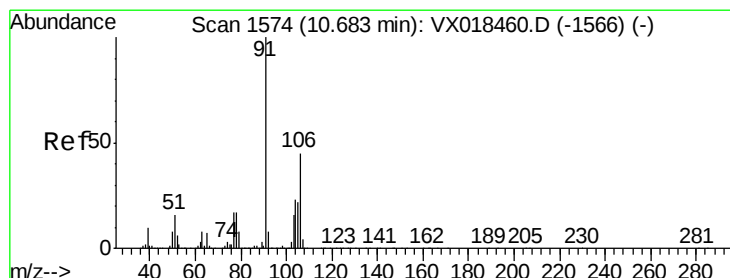
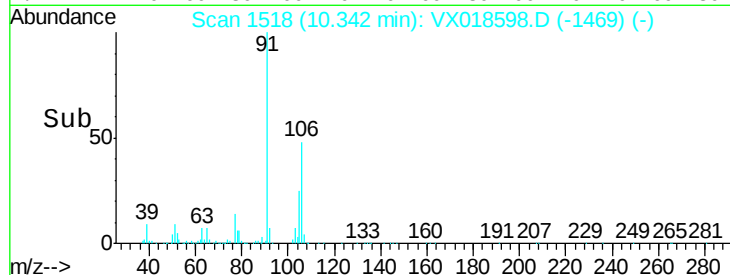
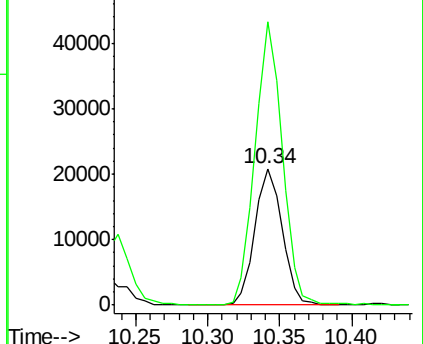
106 100

91 206.3 163.8 245.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 3.159 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018598.D

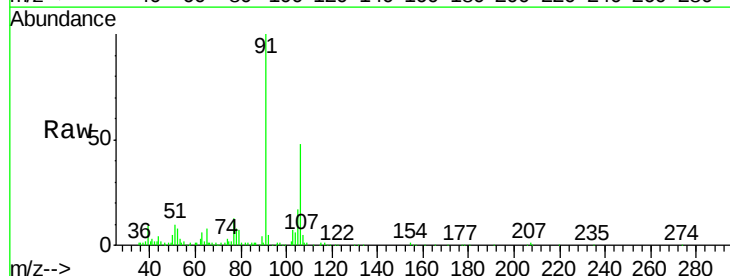
Acq: 25 Sep 2020 16:17

Tgt Ion:106 Resp: 14981

Ion Ratio Lower Upper

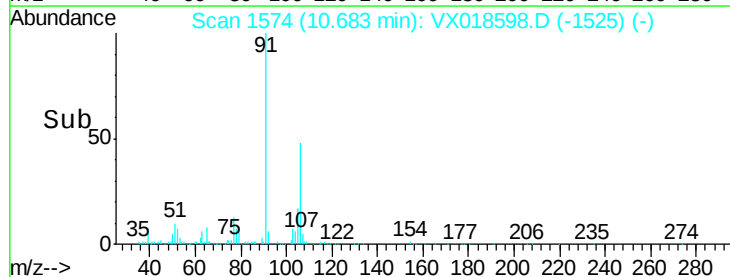
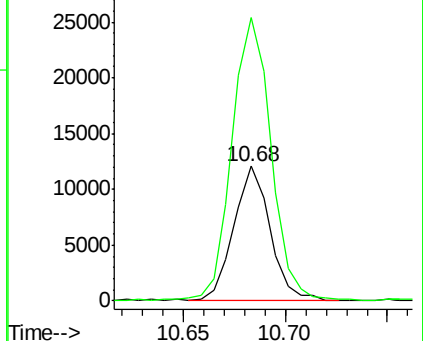
106 100

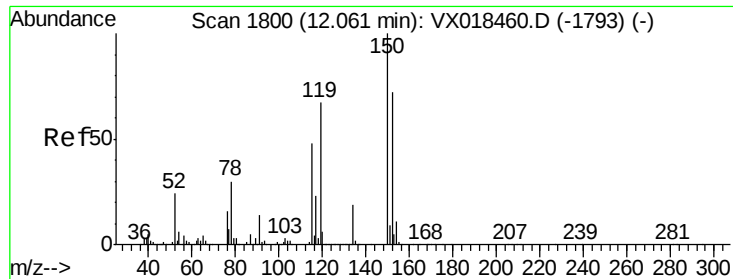
91 227.2 109.7 329.0



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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

SEAL-POT

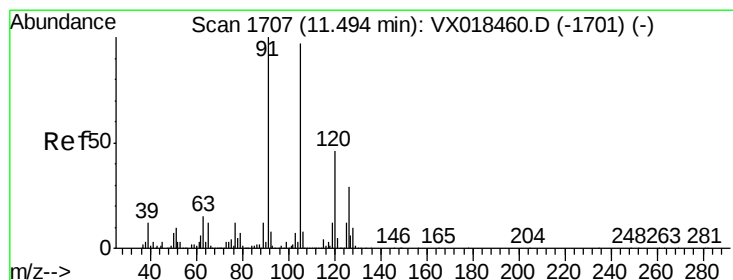
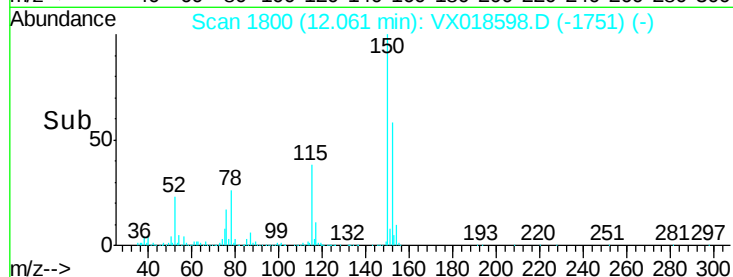
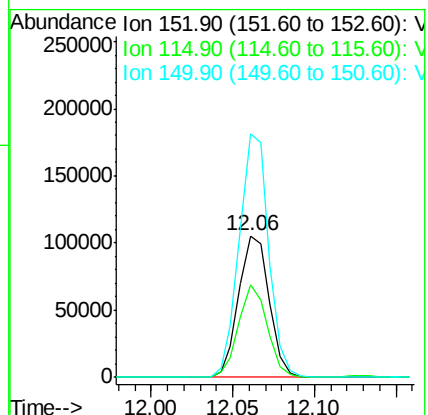
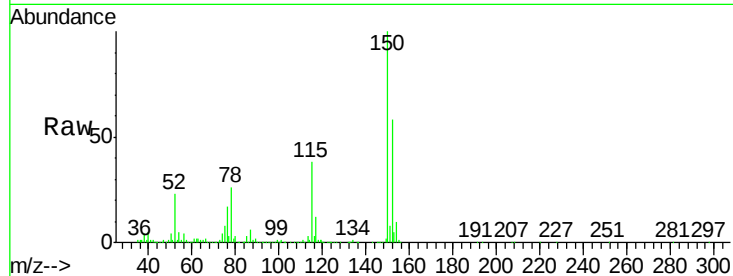
Tot Ion:152 Resp: 138138

Ion Ratio Lower Upper

152 100

115 61.3 41.8 125.4

150 165.6 0.0 342.4



#80

1,3,5-Trimethylbenzene

Concen: 2.660 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018598.D

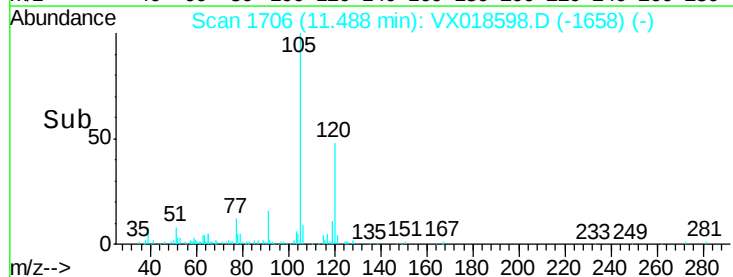
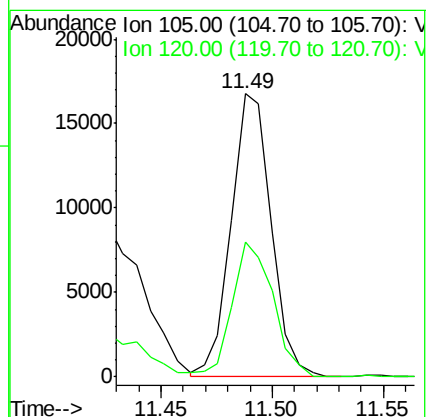
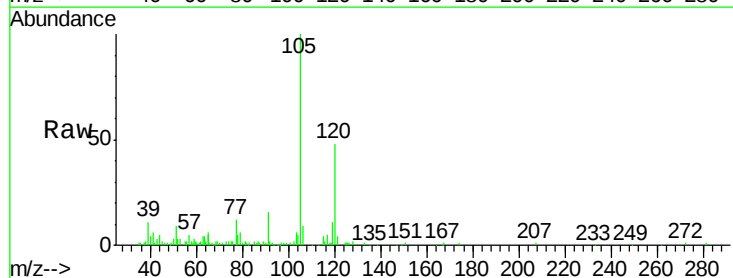
Acq: 25 Sep 2020 16:17

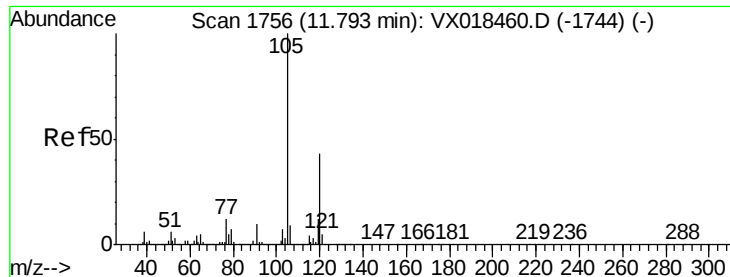
Tgt Ion:105 Resp: 20994

Ion Ratio Lower Upper

105 100

120 48.6 23.6 71.0

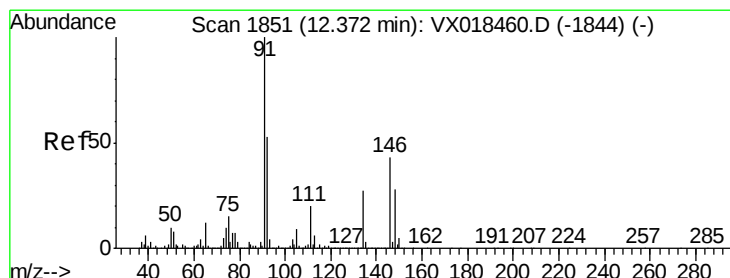
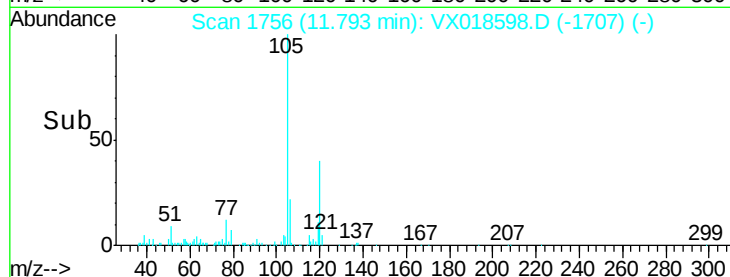
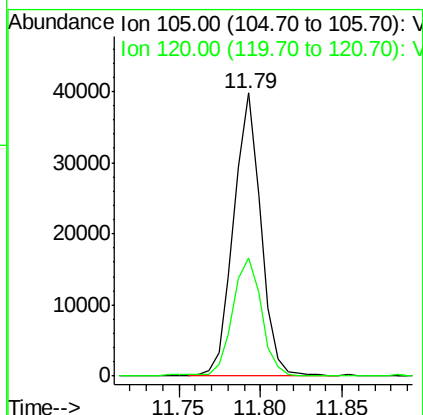
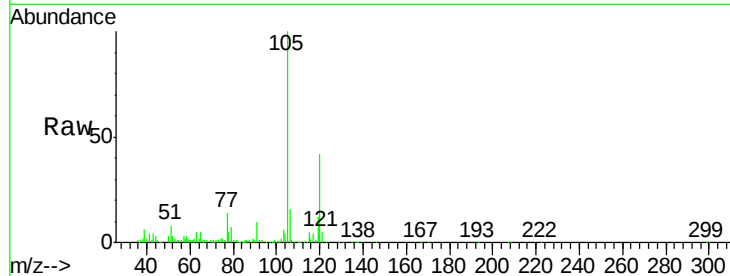




#84
 1,2,4-Trimethylbenzene
 Concen: 5.831 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

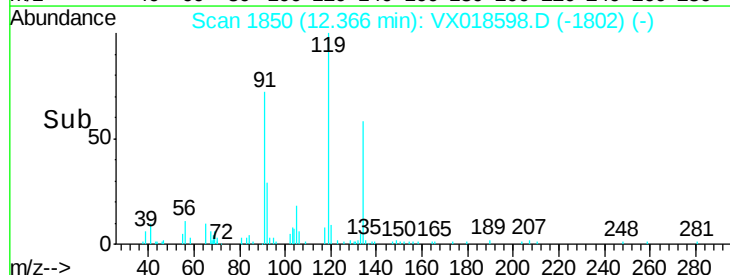
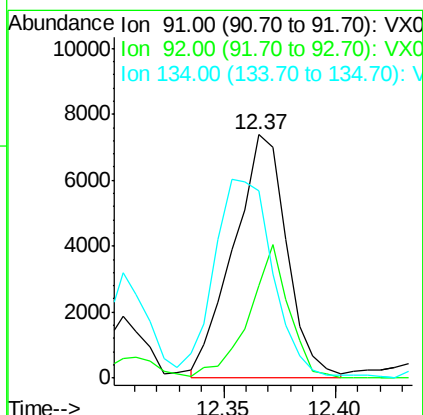
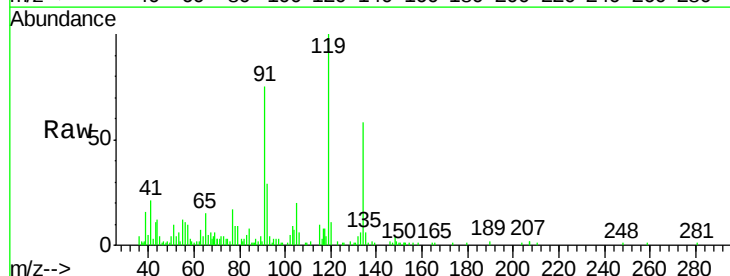
Instrument :
 MSVOA_X
 ClientSampleId :
 SEAL-POT

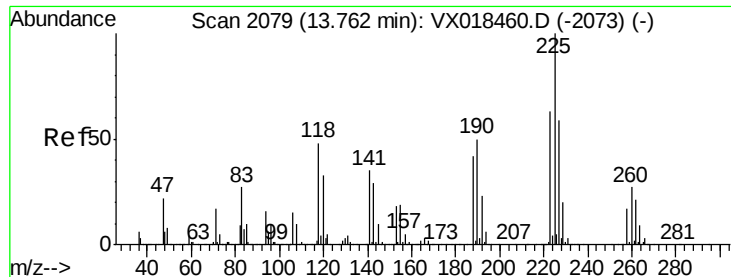
Tot Ion:105 Resp: 46342
 Ion Ratio Lower Upper
 105 100
 120 44.8 21.6 65.0



#89
 n-Butylbenzene
 Concen: 1.594 ug/l m
 RT: 12.37 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

Tgt Ion: 91 Resp: 12263
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.1 78.2#
 134 0.0 13.3 39.8#





#94

Hexachlorobutadiene

Concen: 1.625 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampled :

SEAL-POT

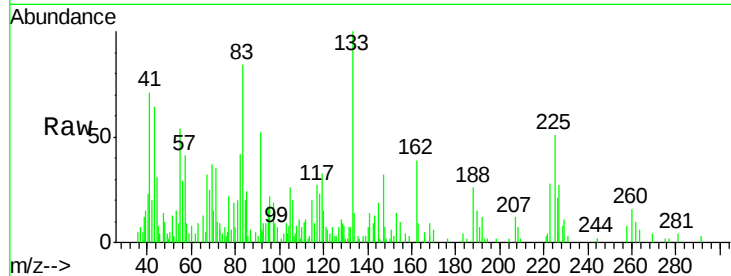
Tot Ion:225 Resp: 2033

Ion Ratio Lower Upper

225 100

223 59.3 32.0 96.2

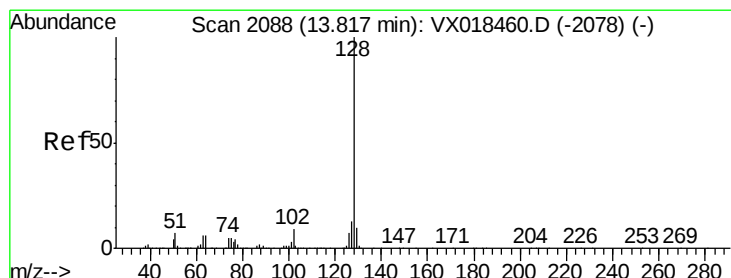
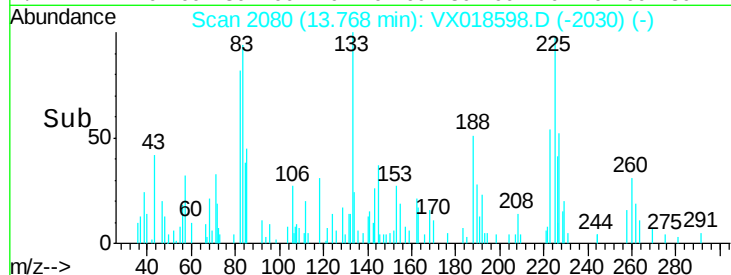
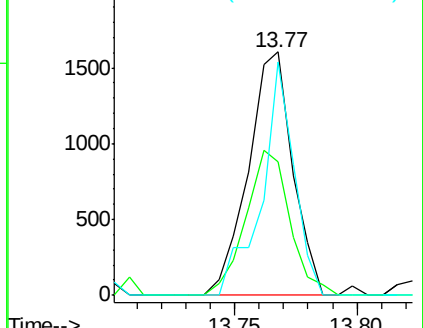
227 70.6 31.7 95.1



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: 24.579 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

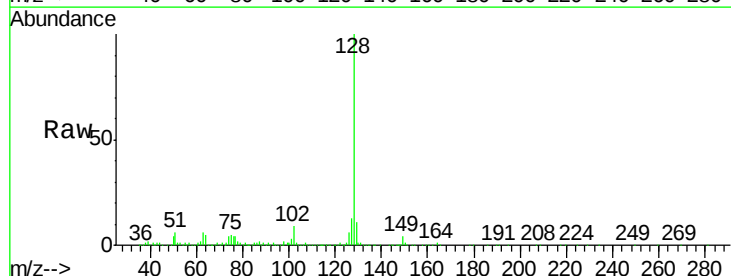
Tgt Ion:128 Resp: 221372

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.7 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

