

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006271.D
 Acq On : 04 Dec 2018 12:02
 Operator : JC/MD
 Sample : J5771-07
 Misc : 6.91g/5mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-02-112918-A

Quant Time: Dec 04 14:42:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	728771	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	1080734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	981948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	532446	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	349847	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	5.50	113	339545	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	8.71	98	1263311	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	490047	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

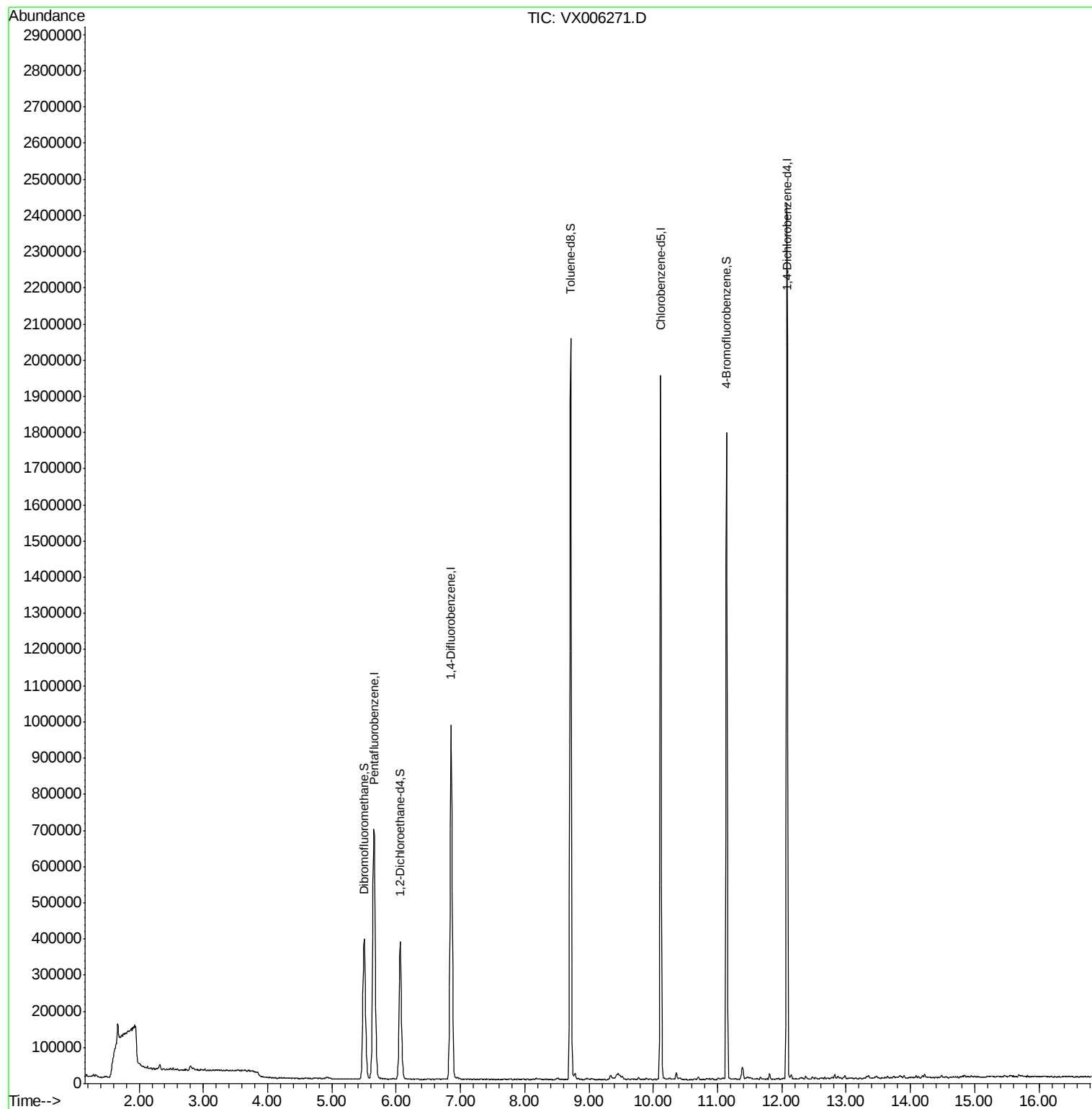
Target Compounds	Qvalue

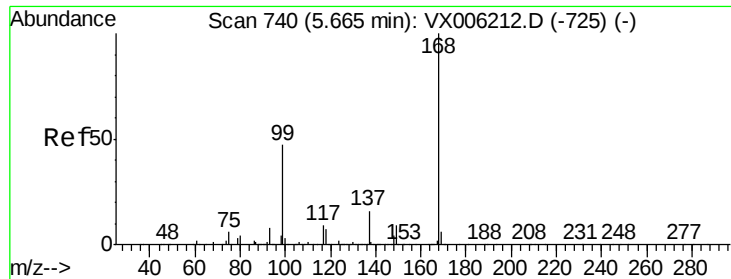
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

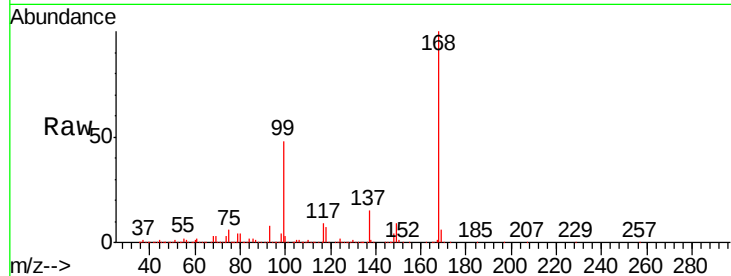
EO-02-112918-A

Tgt Ion:168 Resp: 728771

Ion Ratio Lower Upper

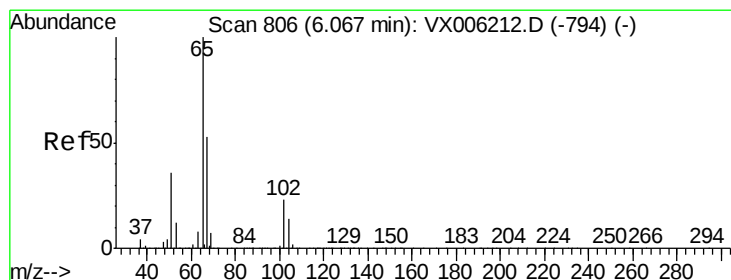
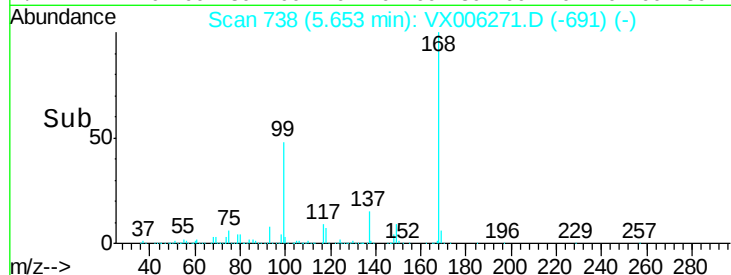
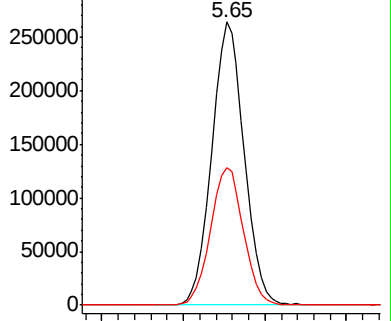
168 100

99 48.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.025 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006271.D

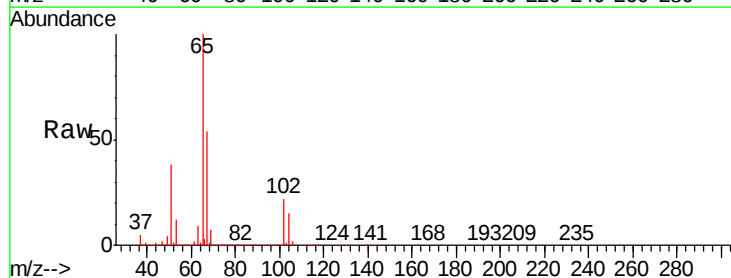
Acq: 04 Dec 2018 12:02

Tgt Ion: 65 Resp: 349847

Ion Ratio Lower Upper

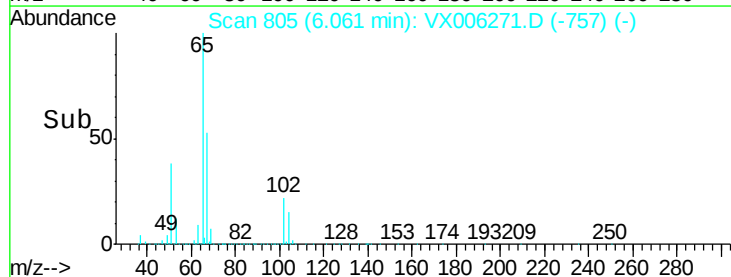
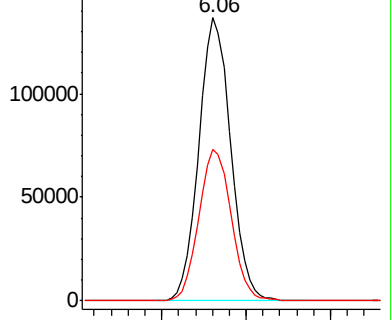
65 100

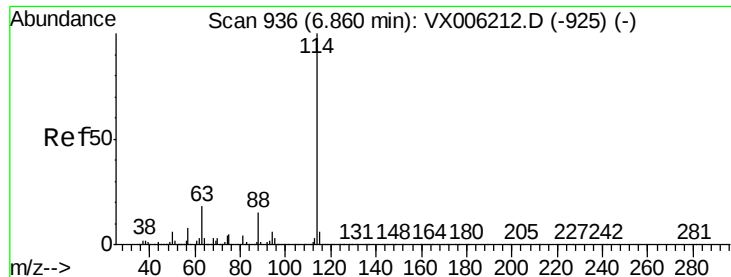
67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

EO-02-112918-A

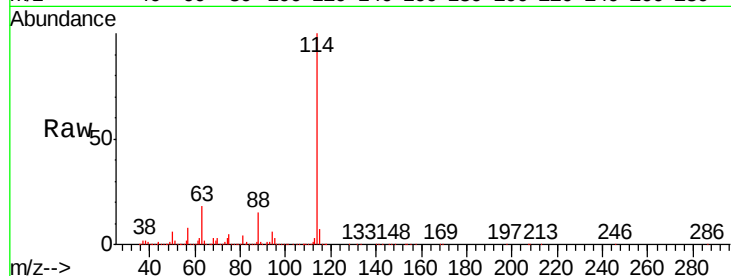
Tgt Ion:114 Resp: 1080734

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

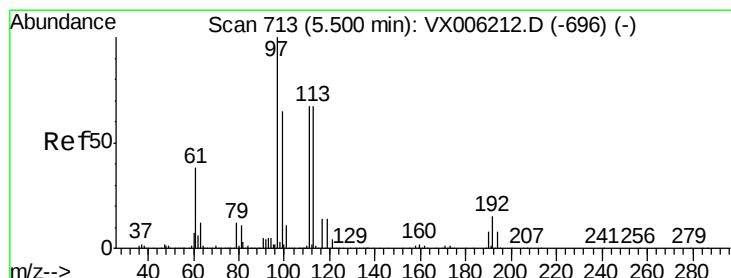
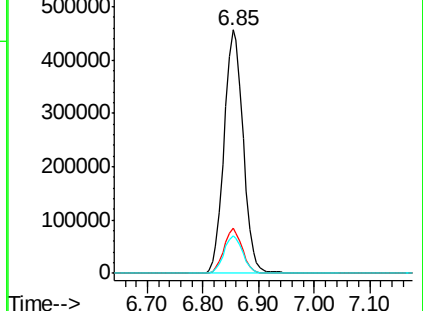
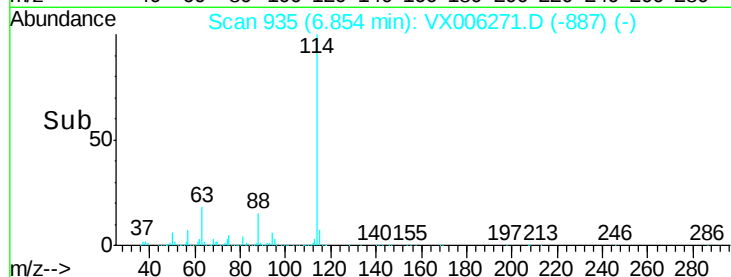
88 15.4 0.0 29.0



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: 48.525 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

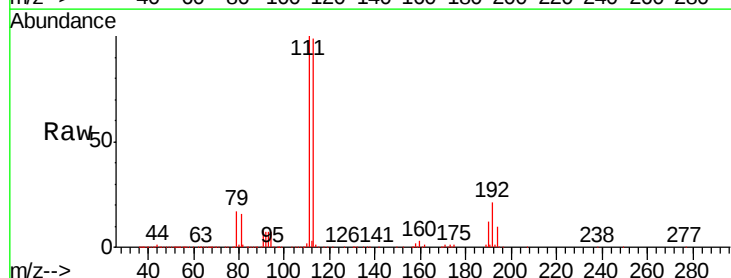
Tgt Ion:113 Resp: 339545

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

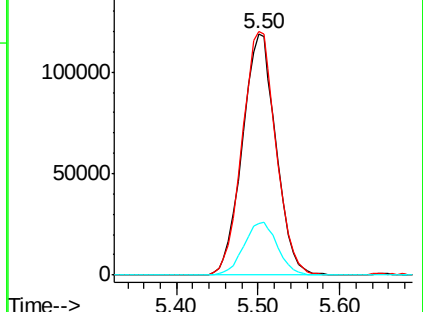
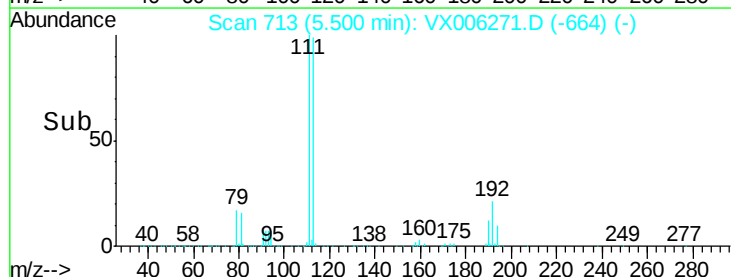
192 22.0 18.2 27.2



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: 49.635 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

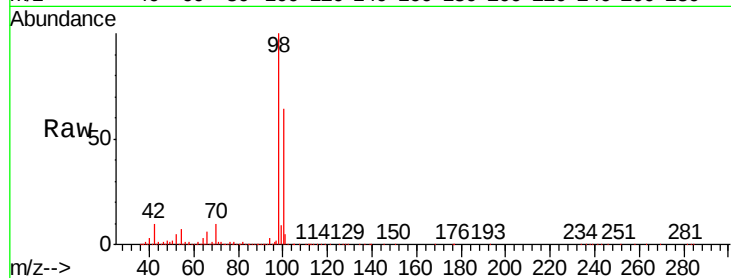
EO-02-112918-A

Tgt Ion: 98 Resp: 1263311

Ion Ratio Lower Upper

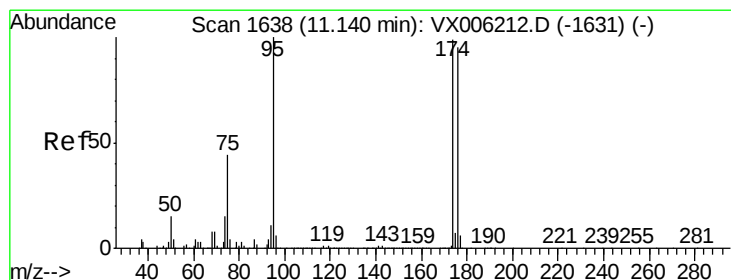
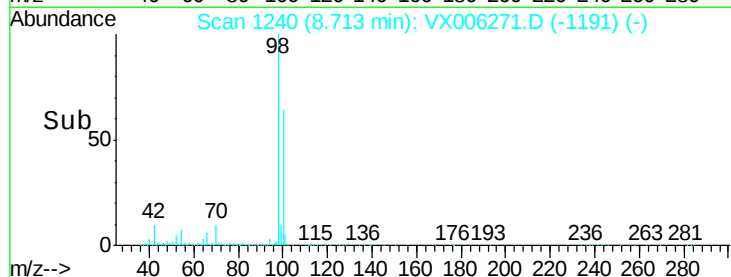
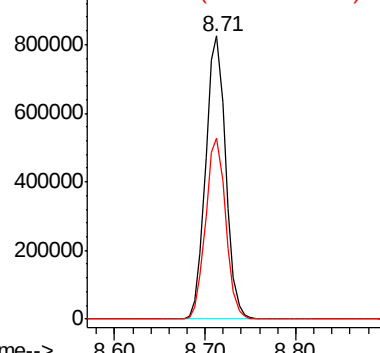
98 100

100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 51.094 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006271.D

Acq: 04 Dec 2018 12:02

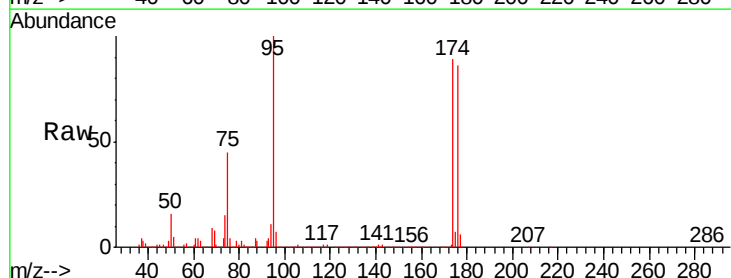
Tgt Ion: 95 Resp: 490047

Ion Ratio Lower Upper

95 100

174 89.7 0.0 187.0

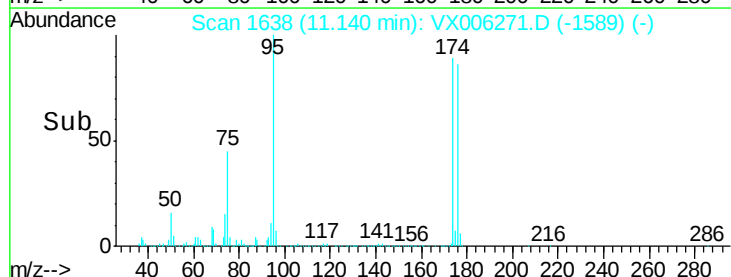
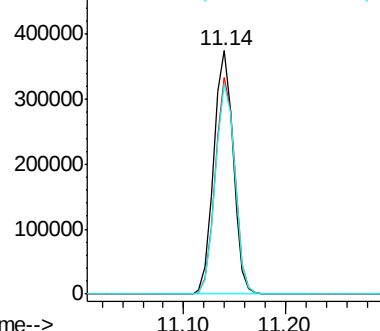
176 87.5 0.0 181.8



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

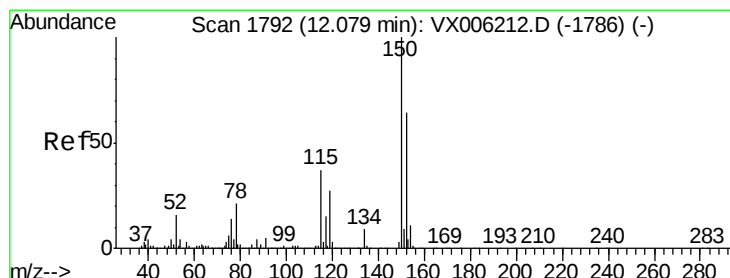
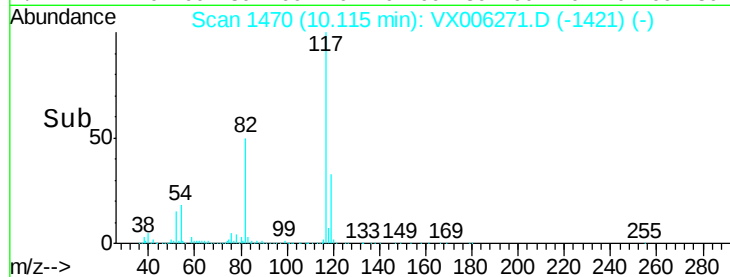
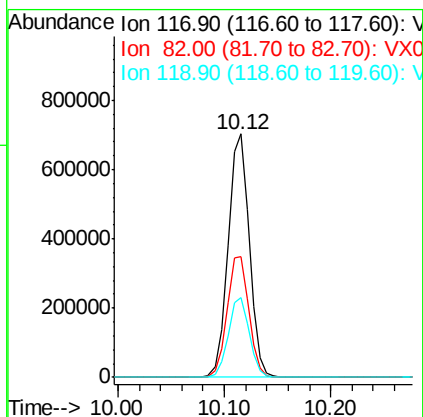
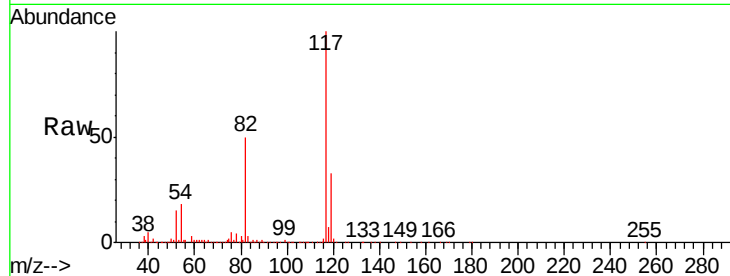




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006271.D
Acq: 04 Dec 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
EO-02-112918-A

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.6	59.4
119	33.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006271.D
Acq: 04 Dec 2018 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	39.0	116.9
150	156.9	0.0	345.8

