

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006298.D
 Acq On : 05 Dec 2018 14:11
 Operator : JC/MD
 Sample : J6240-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-EB-2018-2

Quant Time: Dec 06 00:44:03 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

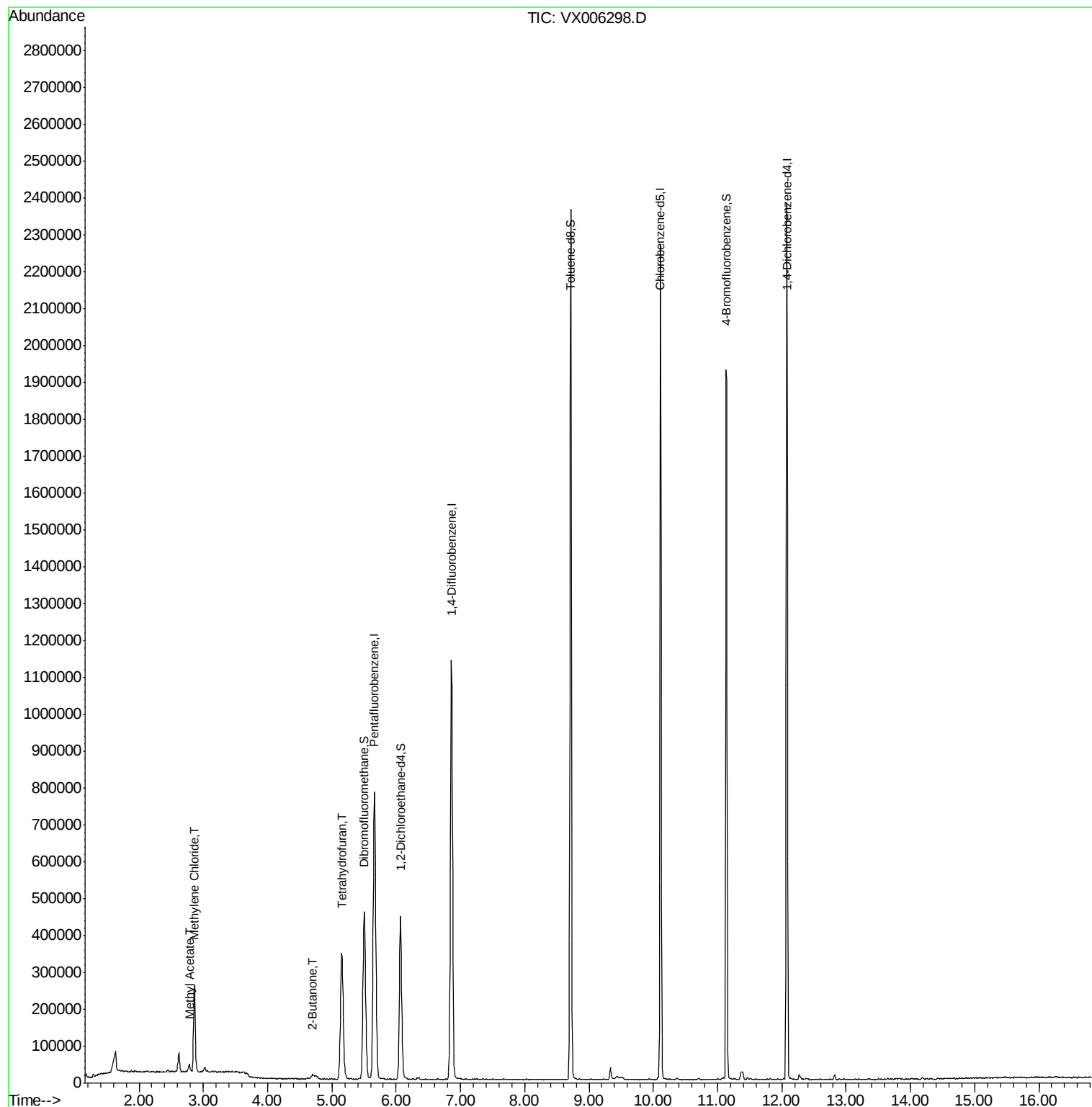
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	829953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1245017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1122907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	532274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	412129	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
35) Dibromofluoromethane	5.50	113	392792	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	1452261	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	530419	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
Target Compounds						
18) Methyl Acetate	2.78	43	24528	1.845	ug/l	97
20) Methylene Chloride	2.86	84	109780	12.973	ug/l	95
25) 2-Butanone	4.70	43	24487	4.316	ug/l	95
29) Tetrahydrofuran	5.15	42	317956	80.639	ug/l	98

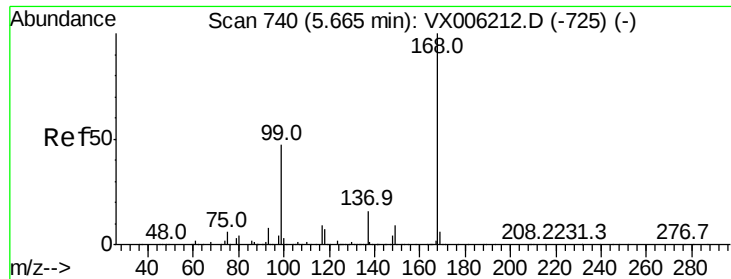
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006298.D

Acq: 05 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

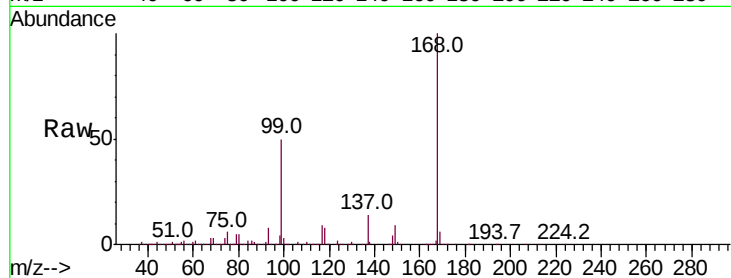
S32-EB-2018-2

Tot Ion:168 Resp: 829953

Ion Ratio Lower Upper

168 100

99 49.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

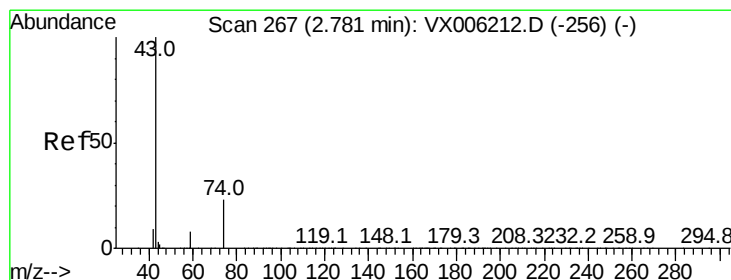
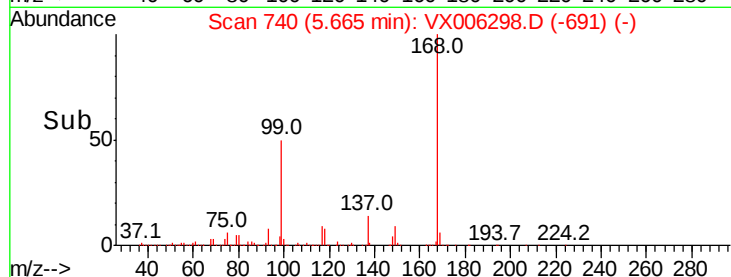
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 1.845 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006298.D

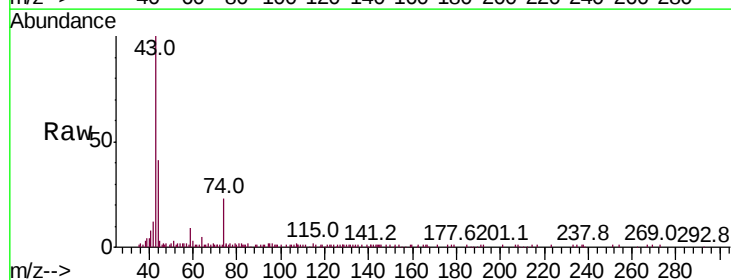
Acq: 05 Dec 2018 14:11

Tgt Ion: 43 Resp: 24528

Ion Ratio Lower Upper

43 100

74 23.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

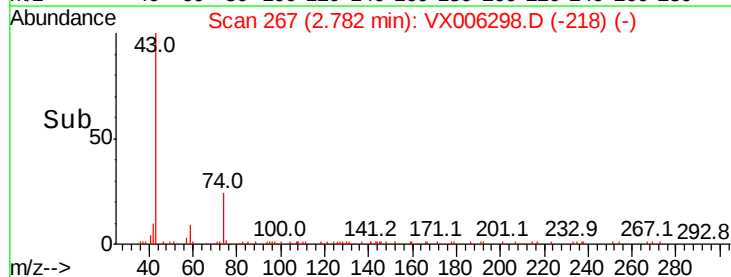
15000

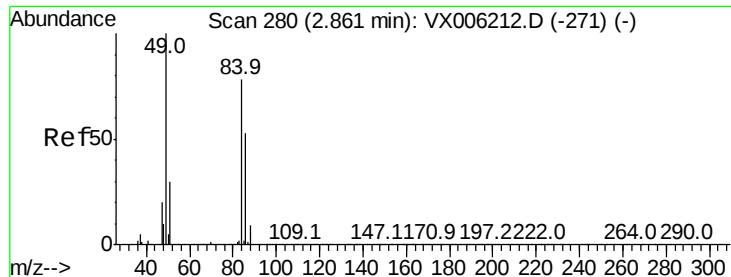
10000

5000

0

Time-->

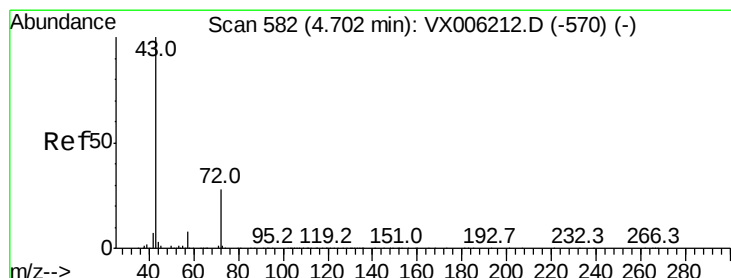
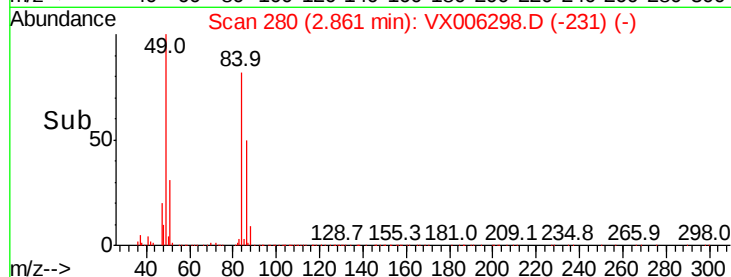
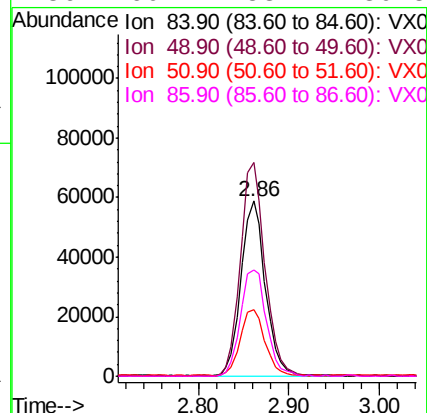
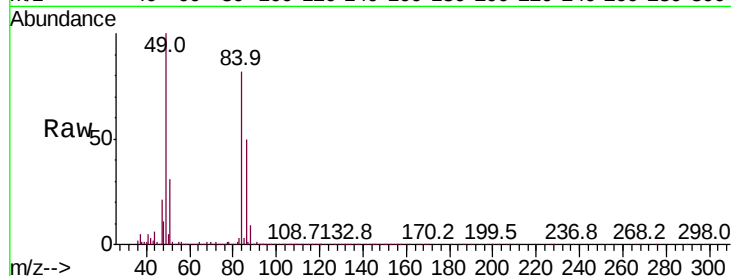




#20
Methvlene Chloride
Concen: 12.973 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006298.D
Acq: 05 Dec 2018 14:11

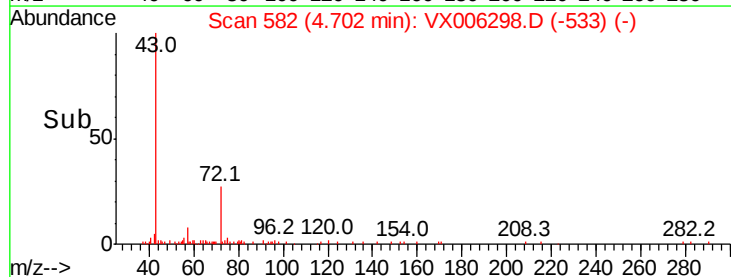
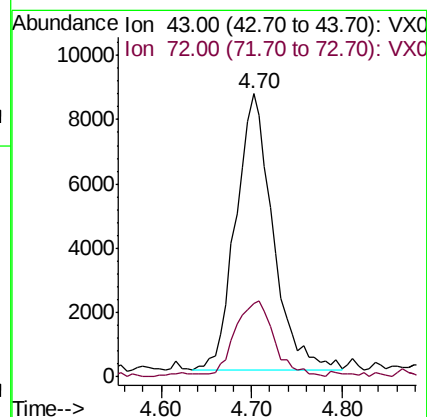
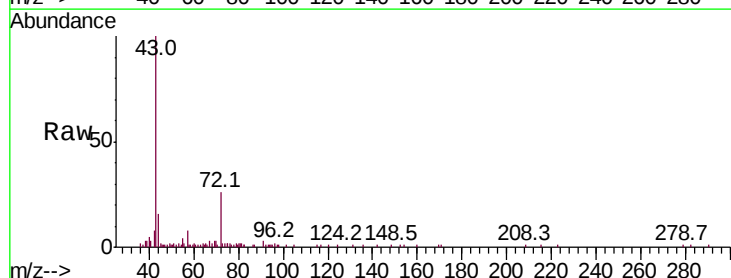
Instrument :
MSVOA_X
ClientSampled :
S32-EB-2018-2

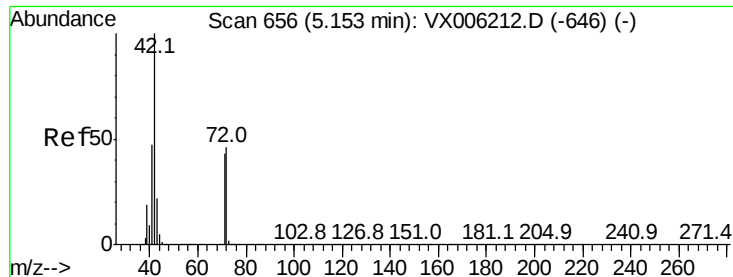
Tot Ion:	84	Resp:	109780
Ion	Ratio	Lower	Upper
84	100		
49	121.8	102.2	153.4
51	37.5	31.1	46.7
86	60.7	53.7	80.5



#25
2-Butanone
Concen: 4.316 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006298.D
Acq: 05 Dec 2018 14:11

Tgt Ion:	43	Resp:	24487
Ion	Ratio	Lower	Upper
43	100		
72	25.7	22.6	33.8





#29

Tetrahydrofuran

Concen: 80.639 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006298.D

Acq: 05 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampled :

S32-EB-2018-2

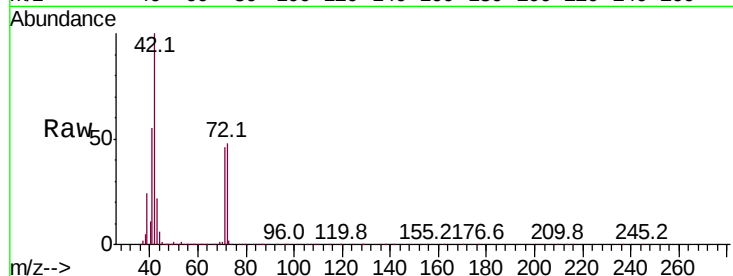
Tot Ion: 42 Resp: 317956

Ion Ratio Lower Upper

42 100

72 48.1 37.8 56.8

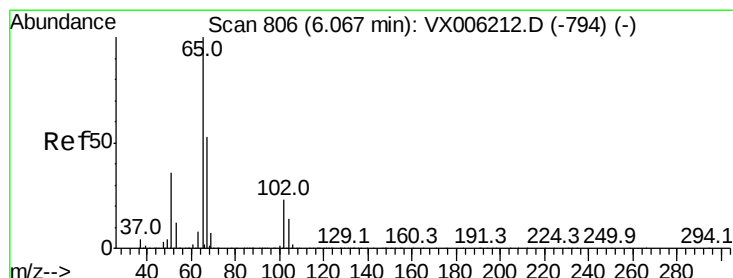
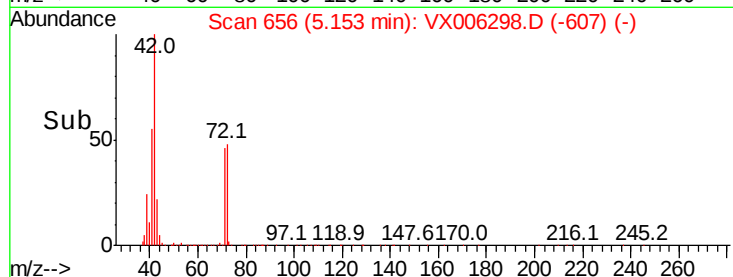
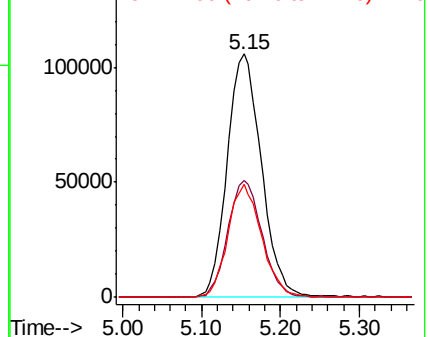
71 45.4 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.643 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006298.D

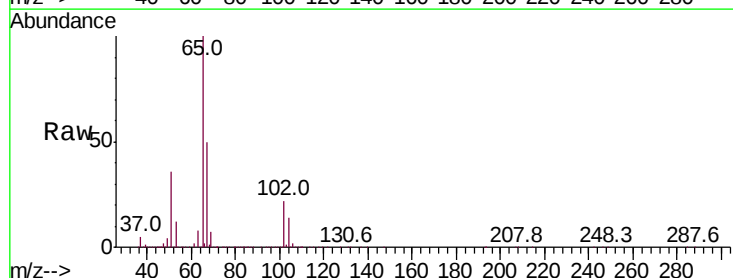
Acq: 05 Dec 2018 14:11

Tgt Ion: 65 Resp: 412129

Ion Ratio Lower Upper

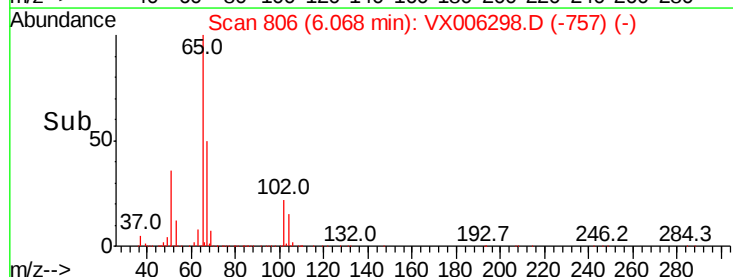
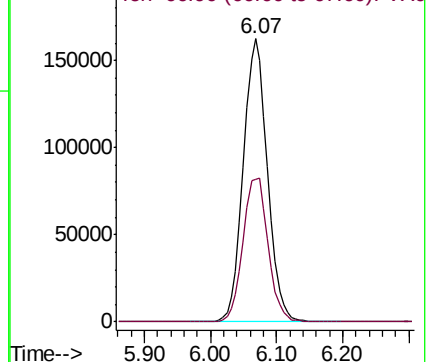
65 100

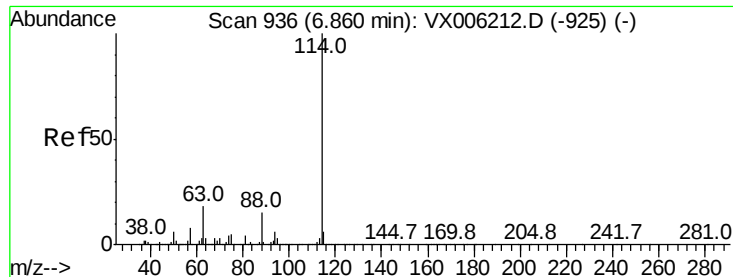
67 53.1 0.0 107.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006298.D

Acq: 05 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

S32-EB-2018-2

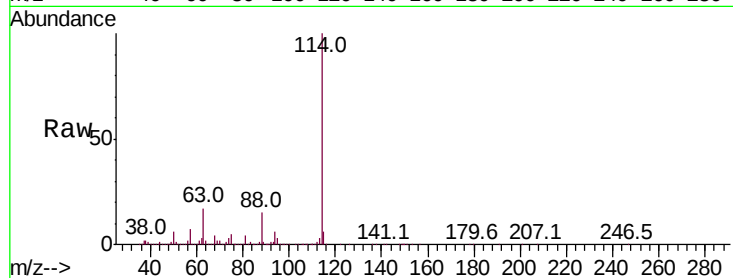
Tot Ion:114 Resp: 1245017

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

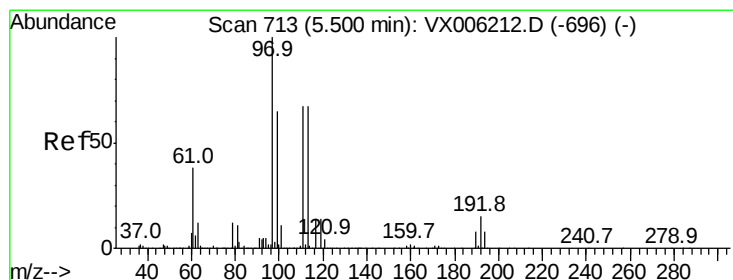
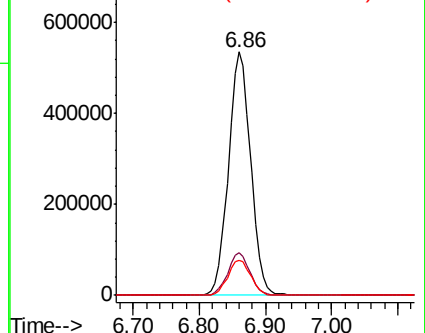
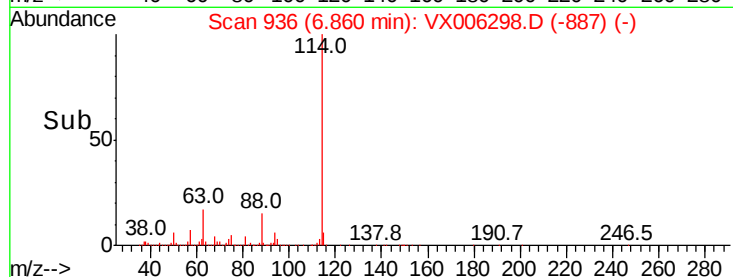
88 14.6 0.0 29.0



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: 48.727 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006298.D

Acq: 05 Dec 2018 14:11

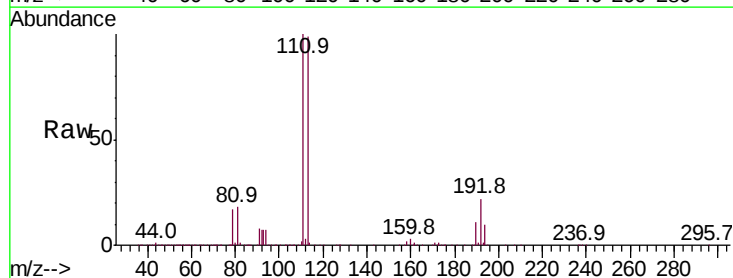
Tgt Ion:113 Resp: 392792

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

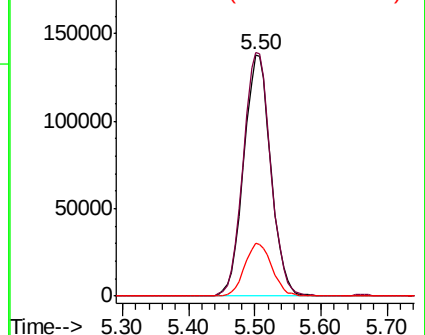
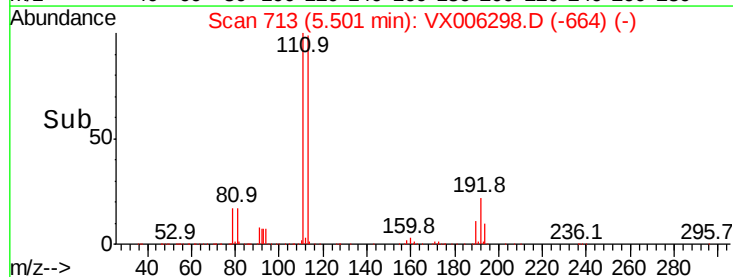
192 22.1 18.2 27.2

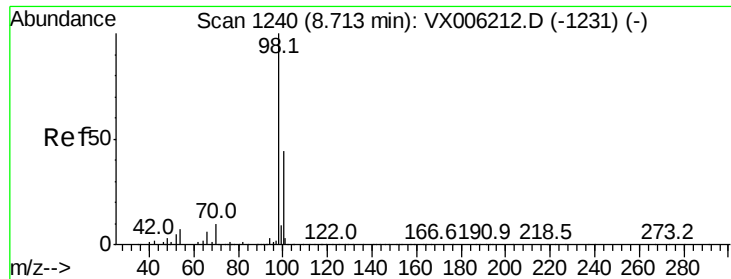


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.529 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006298.D

Acq: 05 Dec 2018 14:11

Instrument :

MSVOA_X

ClientSampleId :

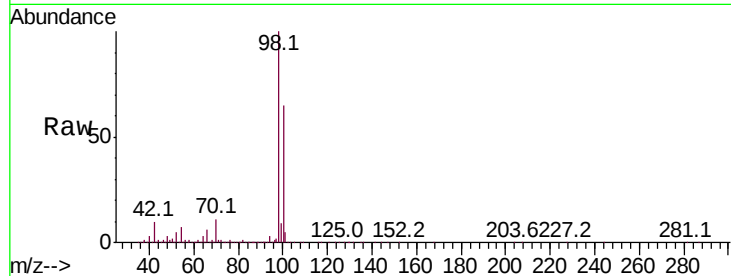
S32-EB-2018-2

Tot Ion: 98 Resp: 1452261

Ion Ratio Lower Upper

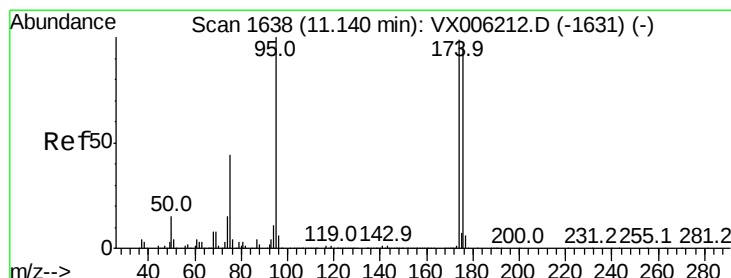
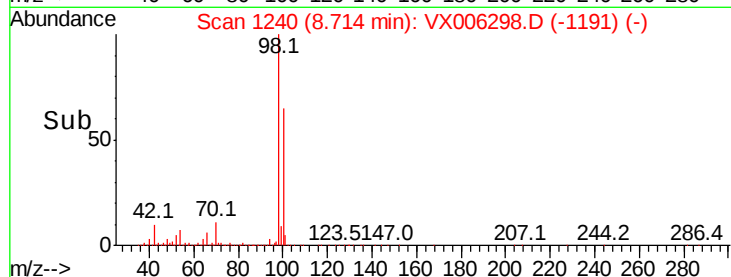
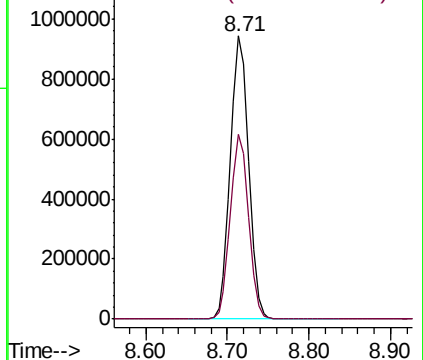
98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.006 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006298.D

Acq: 05 Dec 2018 14:11

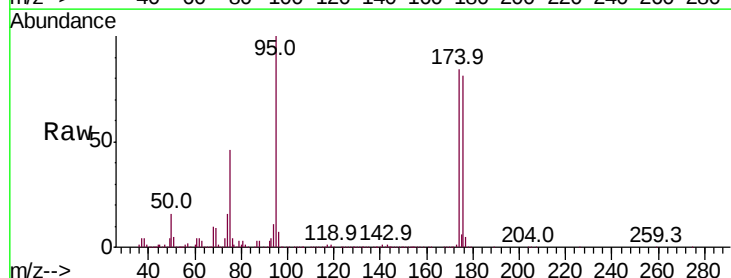
Tgt Ion: 95 Resp: 530419

Ion Ratio Lower Upper

95 100

174 89.1 0.0 187.0

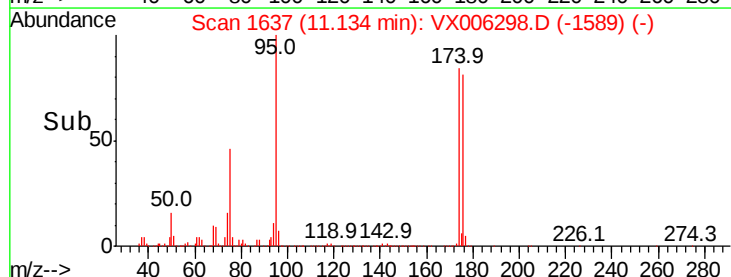
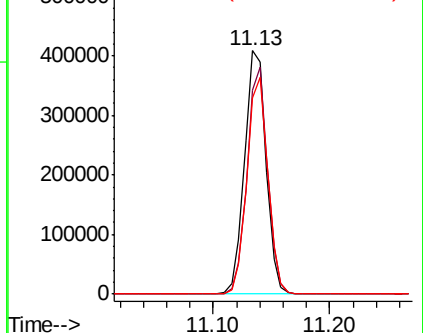
176 86.8 0.0 181.8

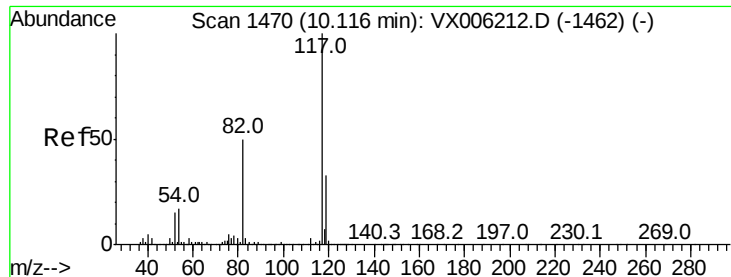


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

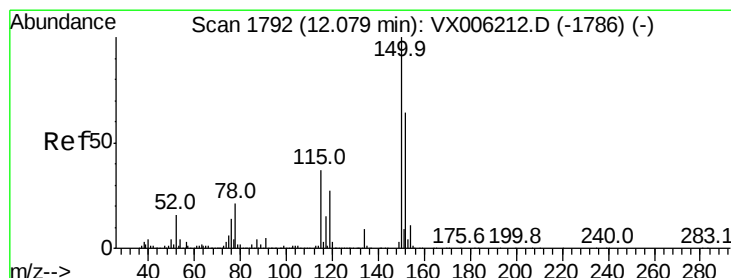
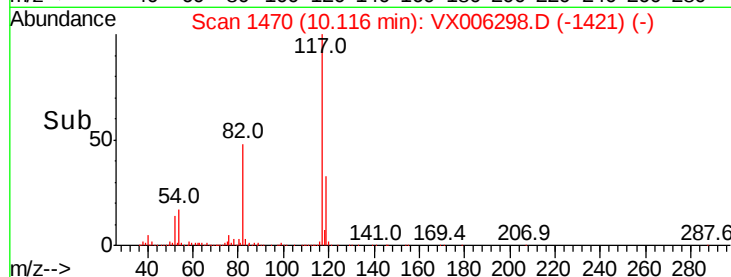
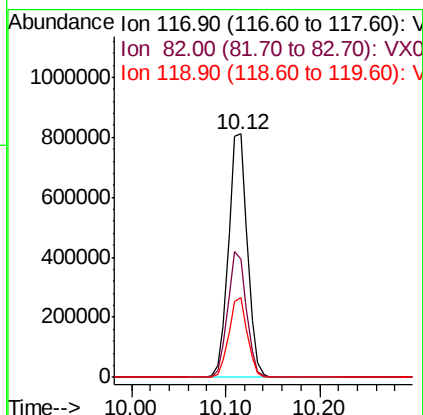
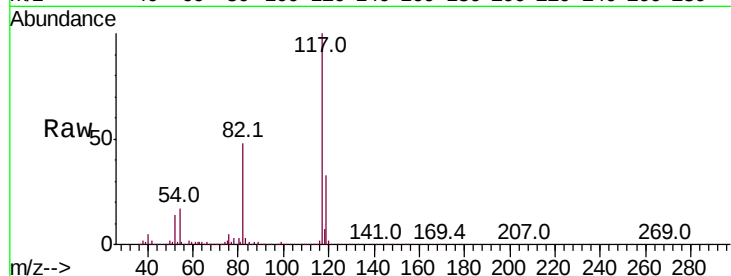




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006298.D
Acq: 05 Dec 2018 14:11

Instrument :
MSVOA_X
ClientSampled :
S32-EB-2018-2

Tot Ion:117 Resp: 1122907
Ion Ratio Lower Upper
117 100
82 48.5 39.6 59.4
119 32.5 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: VX006298.D
Acq: 05 Dec 2018 14:11

Tgt Ion:152 Resp: 532274
Ion Ratio Lower Upper
152 100
115 55.9 39.0 116.9
150 156.7 0.0 345.8

