

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002793.D
 Acq On : 21 Jun 2018 17:23
 Operator : JC/MD
 Sample : J3603-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 26KV-TP-1

Quant Time: Jun 22 01:56:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175242	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161875	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	5.51	113	127155	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.72	98	471432	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.14	95	162666	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	

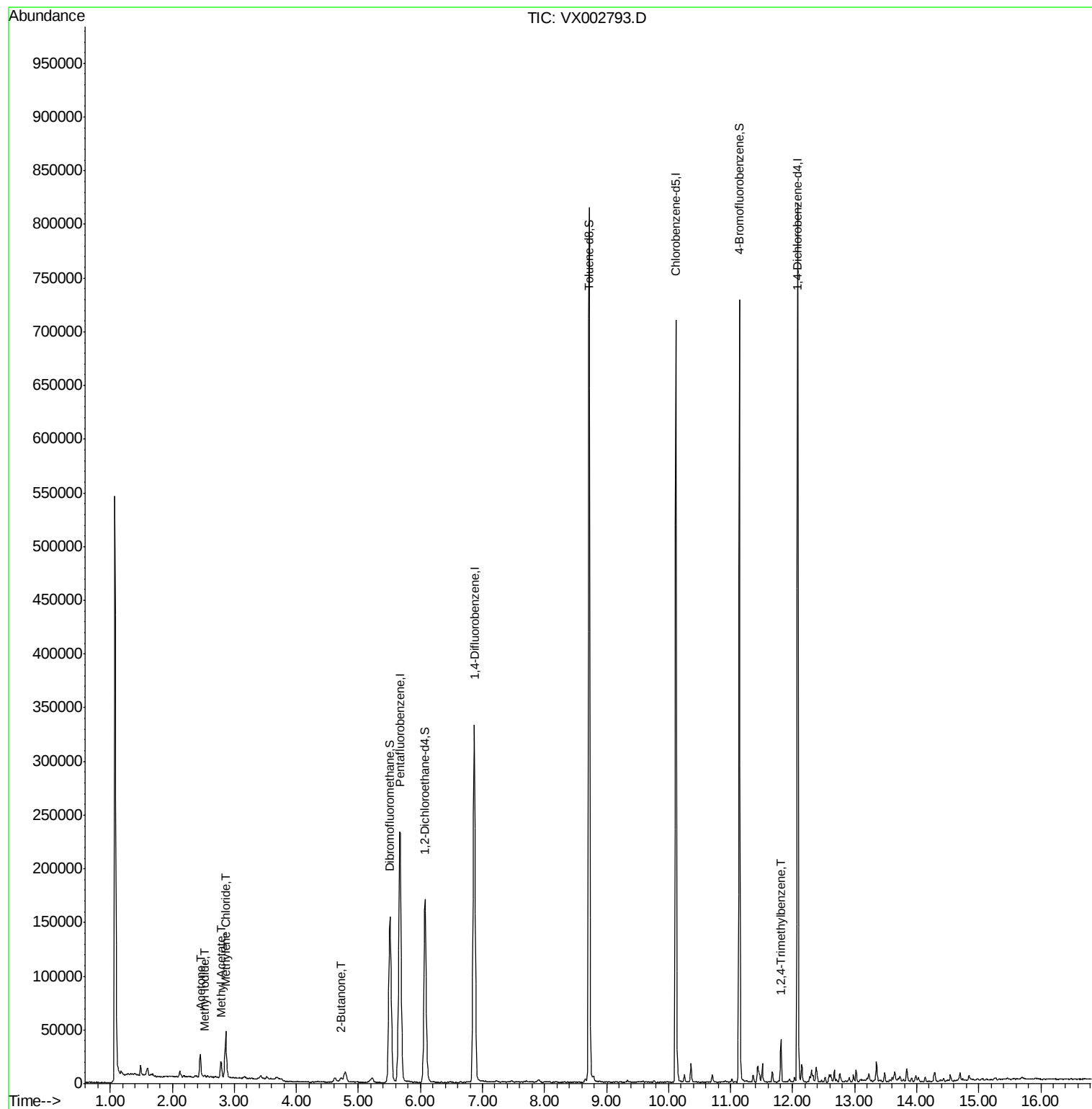
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	1591	5.56	ug/l	# 91
16) Acetone	2.45	43	23344	14.86	ug/l	100
18) Methyl Acetate	2.78	43	17830	4.26	ug/l	96
20) Methylene Chloride	2.86	84	18873	5.86	ug/l	96
25) 2-Butanone	4.71	43	7071	3.43	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	16054	1.59	ug/l	98

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002793.D

Acq: 21 Jun 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

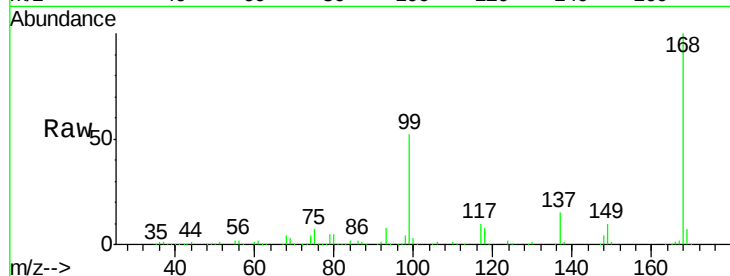
26KV-TP-1

Tot Ion:168 Resp: 234237

Ion Ratio Lower Upper

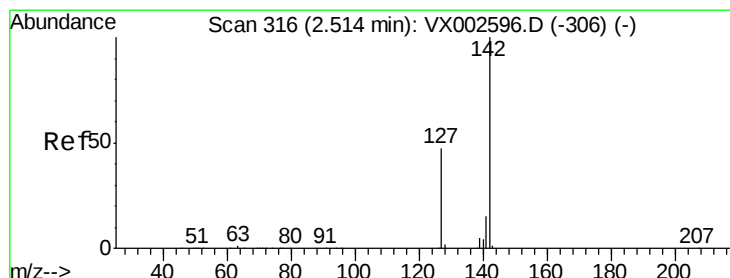
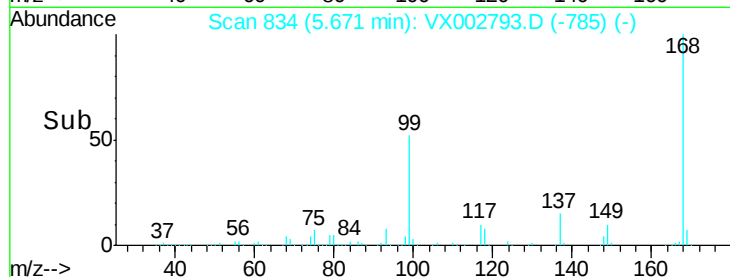
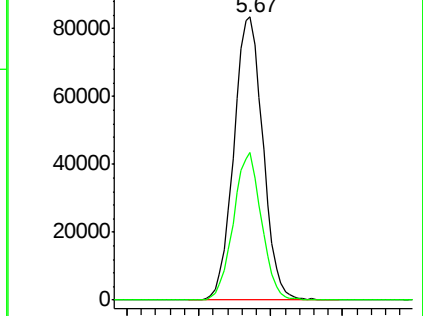
168 100

99 52.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.56 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002793.D

Acq: 21 Jun 2018 17:23

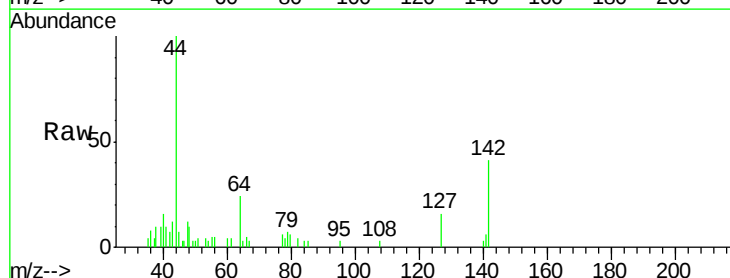
Tgt Ion:142 Resp: 1591

Ion Ratio Lower Upper

142 100

127 49.8 36.6 55.0

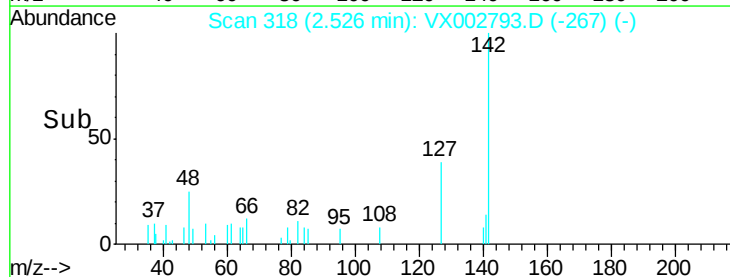
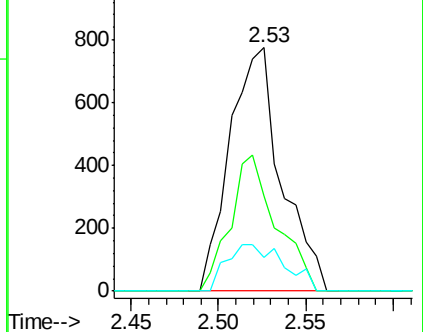
141 21.3 11.3 16.9#

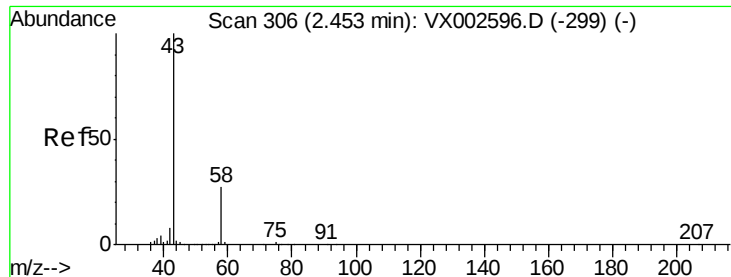


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 14.86 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002793.D

Acq: 21 Jun 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

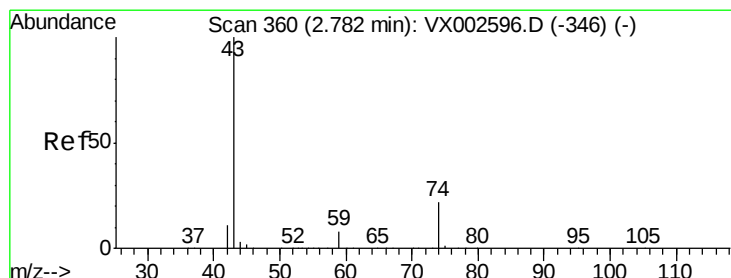
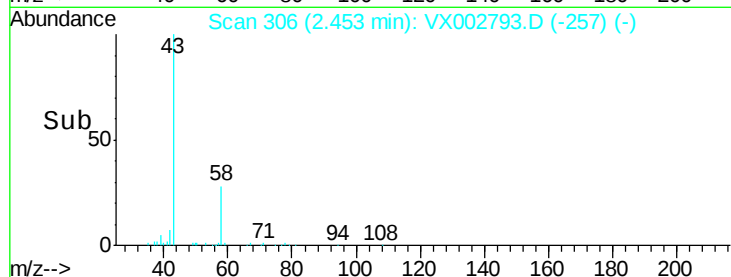
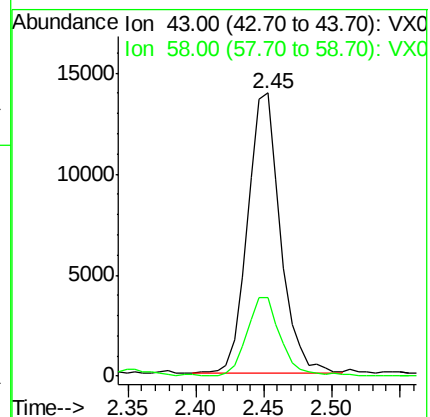
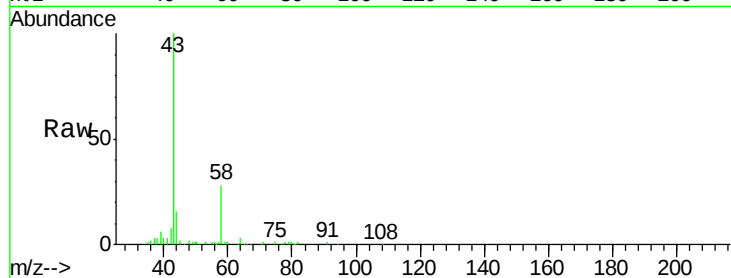
26KV-TP-1

Tot Ion: 43 Resp: 23344

Ion Ratio Lower Upper

43 100

58 27.5 22.1 33.1



#18

Methyl Acetate

Concen: 4.26 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002793.D

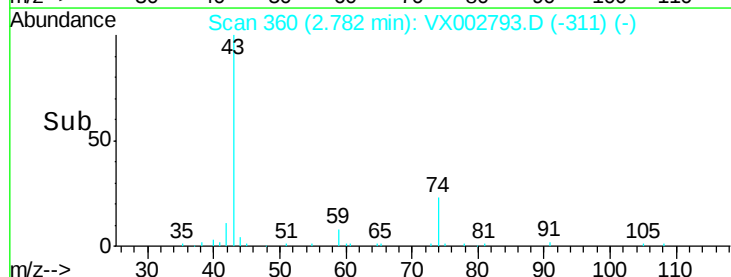
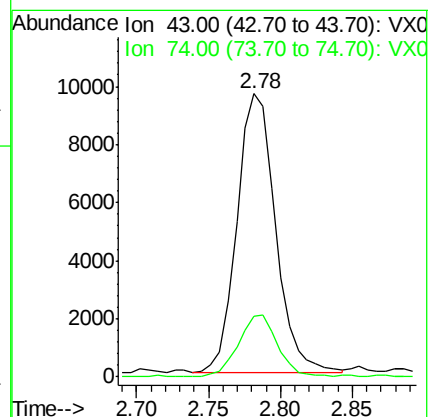
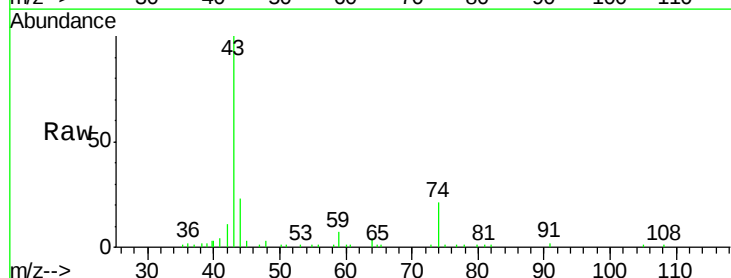
Acq: 21 Jun 2018 17:23

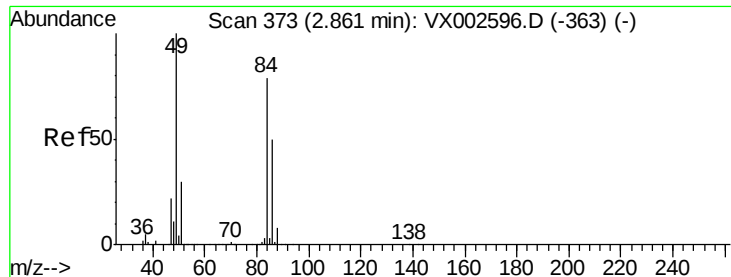
Tgt Ion: 43 Resp: 17830

Ion Ratio Lower Upper

43 100

74 22.7 16.7 25.1





#20

Methylene Chloride

Concen: 5.86 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002793.D

Acq: 21 Jun 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

26KV-TP-1

Tot Ion: 84 Resp: 18873

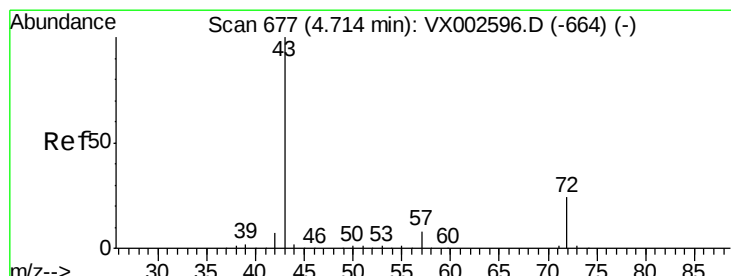
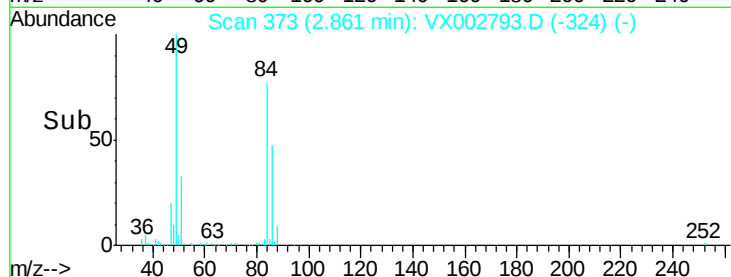
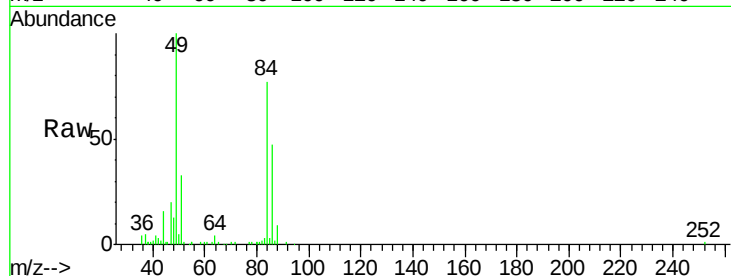
Ion	Ratio	Lower	Upper
84	100		
49	129.4	107.8	161.6
51	41.8	32.8	49.2
86	61.3	52.5	78.7

Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 3.43 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002793.D

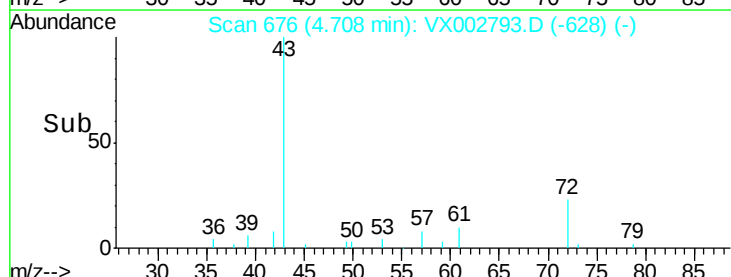
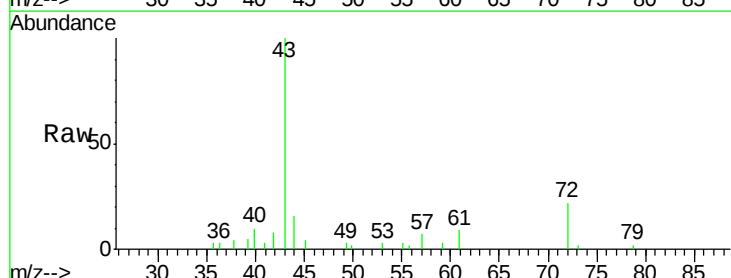
Acq: 21 Jun 2018 17:23

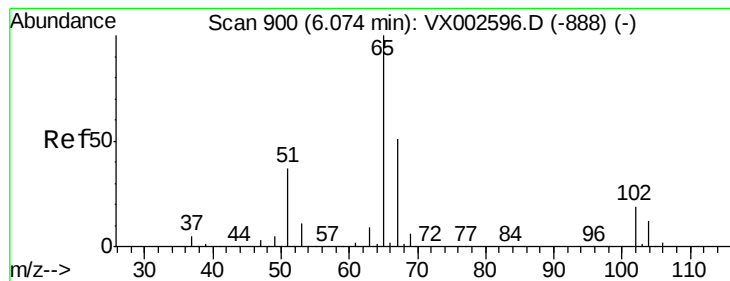
Tgt Ion: 43 Resp: 7071

Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.5	27.7

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002793.D

Acq: 21 Jun 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

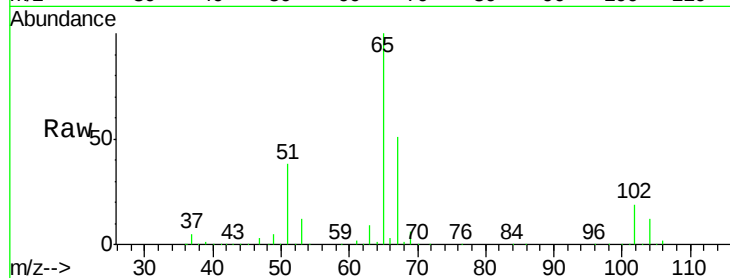
26KV-TP-1

Tot Ion: 65 Resp: 161875

Ion Ratio Lower Upper

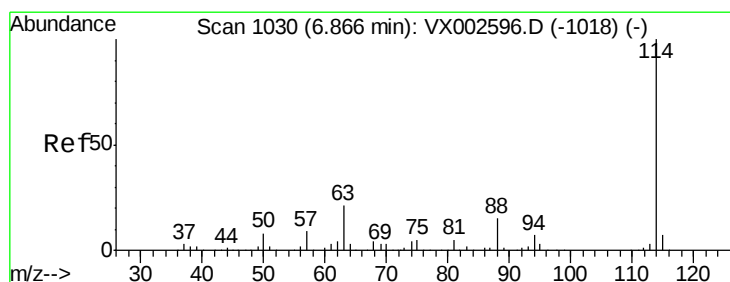
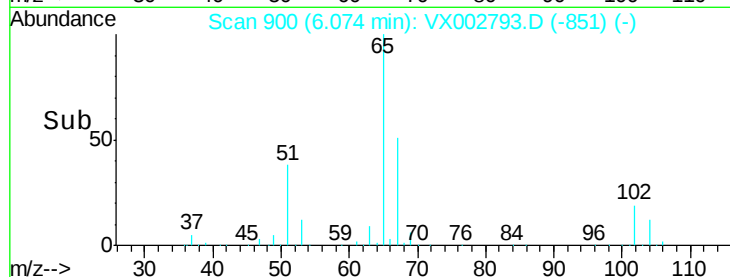
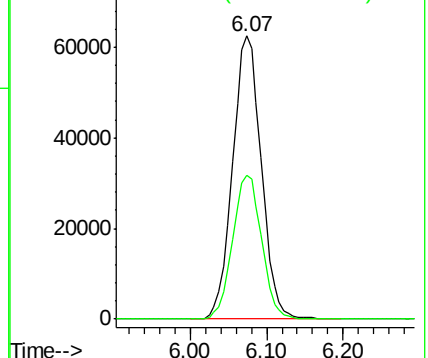
65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002793.D

Acq: 21 Jun 2018 17:23

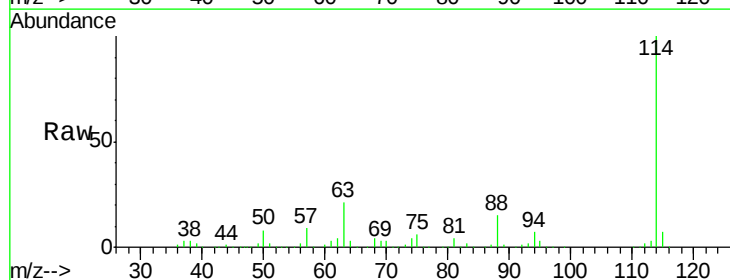
Tgt Ion: 114 Resp: 325325

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

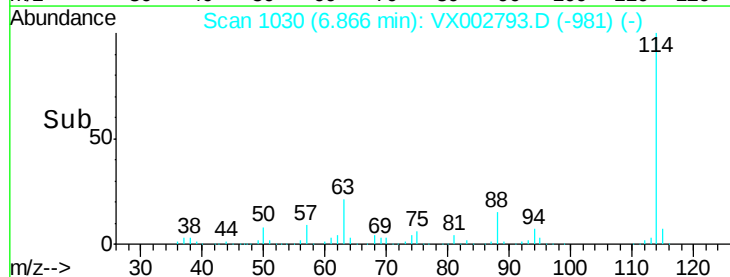
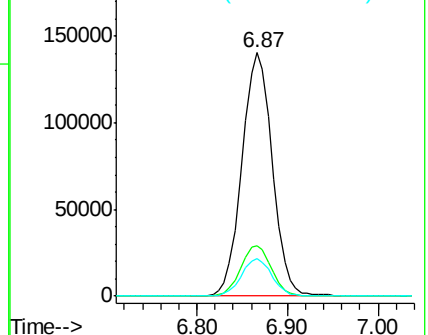
88 15.2 0.0 30.0

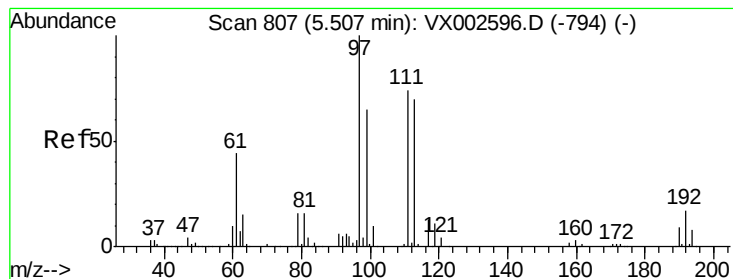


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.97 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002793.D

Acq: 21 Jun 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

26KV-TP-1

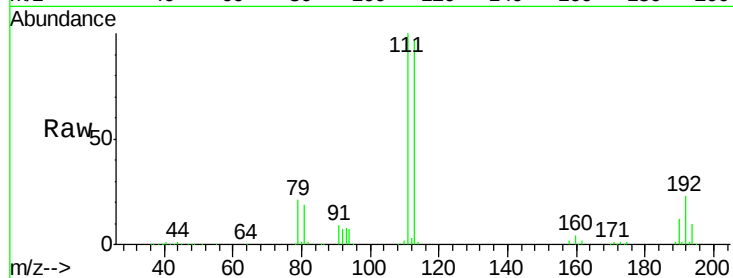
Tot Ion:113 Resp: 127155

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

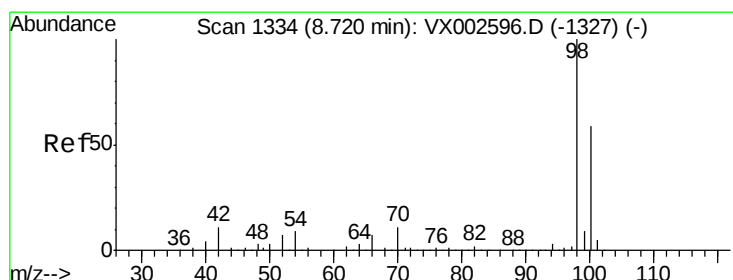
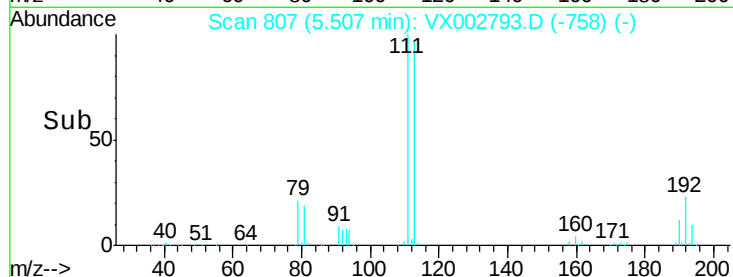
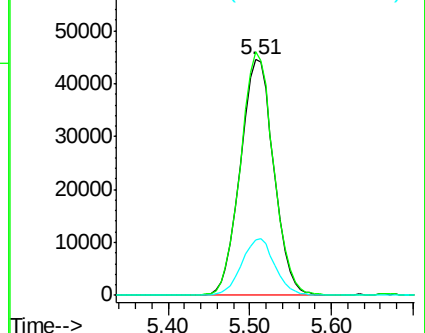
192 23.6 19.1 28.7



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: 47.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002793.D

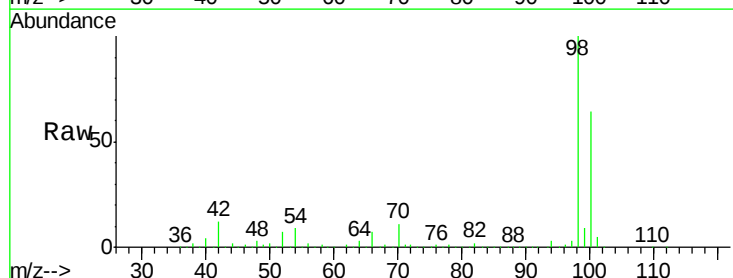
Acq: 21 Jun 2018 17:23

Tgt Ion: 98 Resp: 471432

Ion Ratio Lower Upper

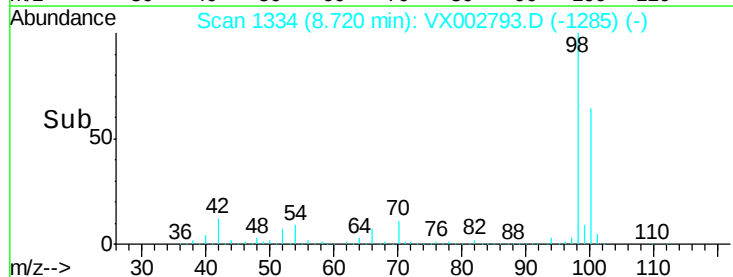
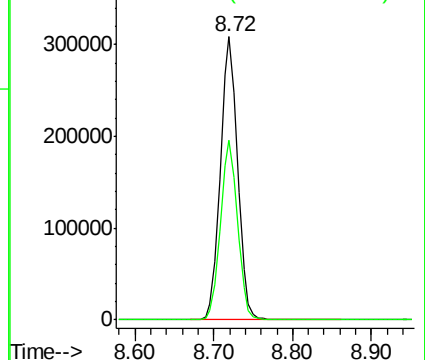
98 100

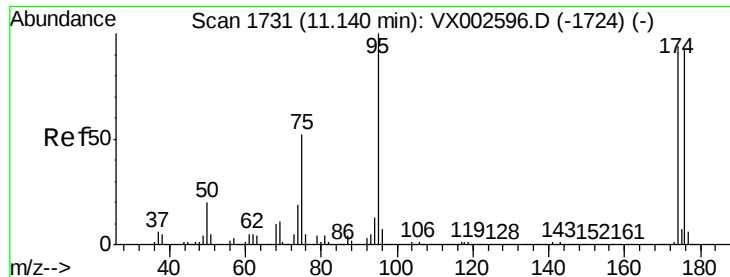
100 62.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

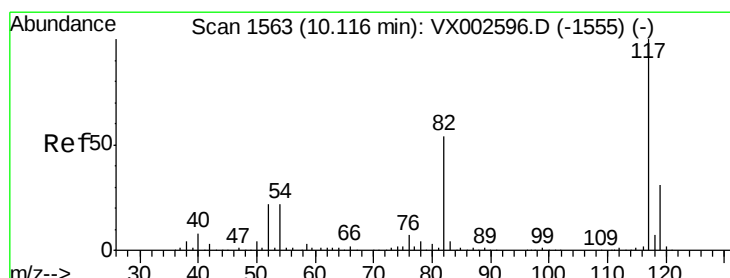
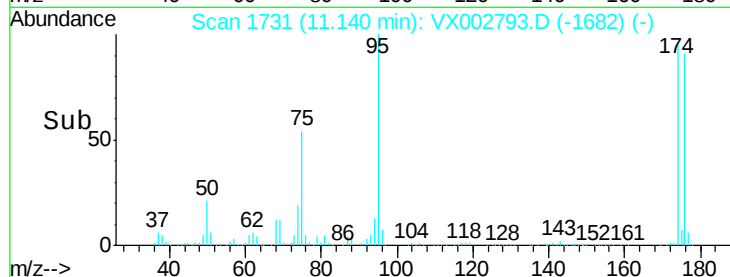
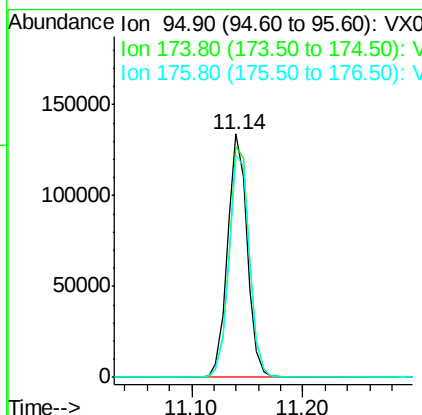
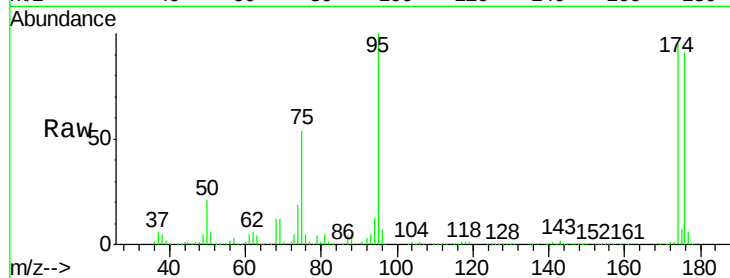




#62
4-Bromofluorobenzene
Concen: 43.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002793.D
Acq: 21 Jun 2018 17:23

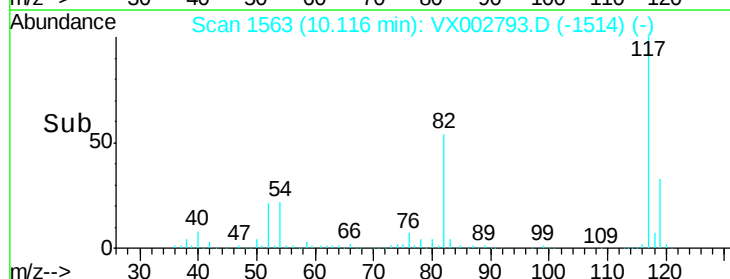
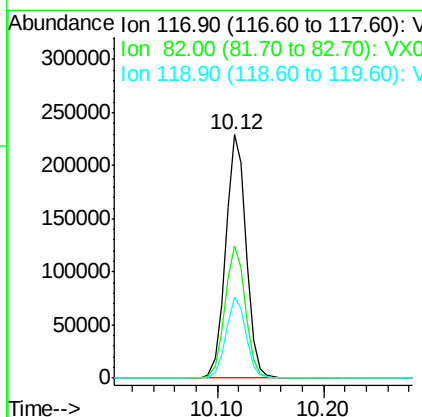
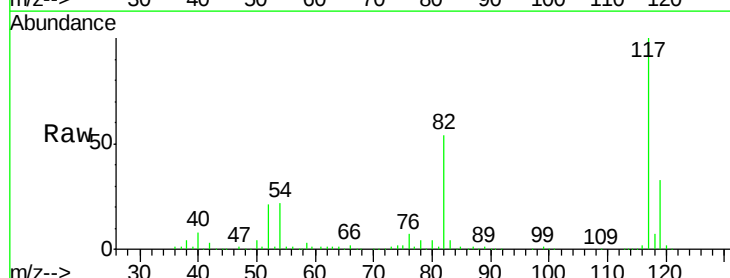
Instrument :
MSVOA_X
ClientSampleId :
26KV-TP-1

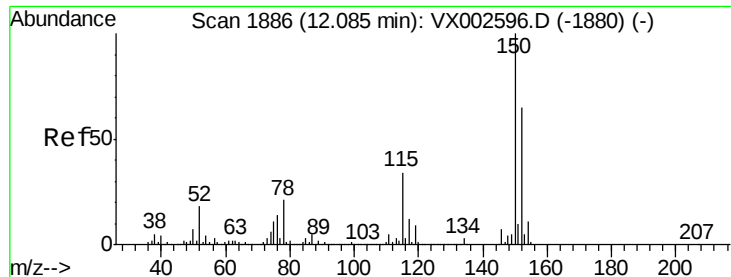
Tot Ion: 95 Resp: 162666
Ion Ratio Lower Upper
95 100
174 98.5 0.0 187.4
176 95.1 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002793.D
Acq: 21 Jun 2018 17:23

Tgt Ion: 117 Resp: 308525
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 33.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002793.D

Acq: 21 Jun 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

26KV-TP-1

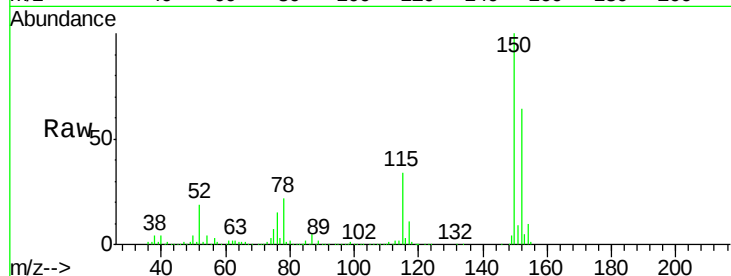
Tot Ion:152 Resp: 175242

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

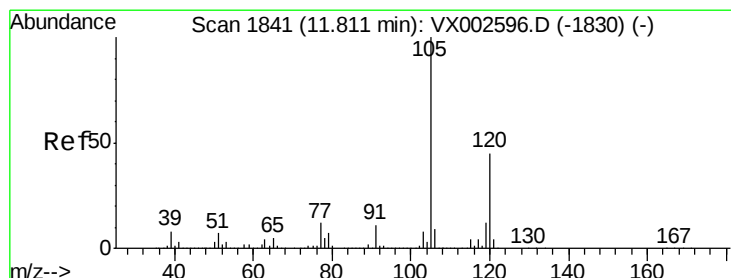
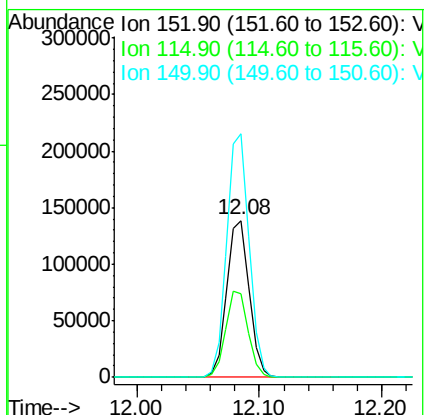
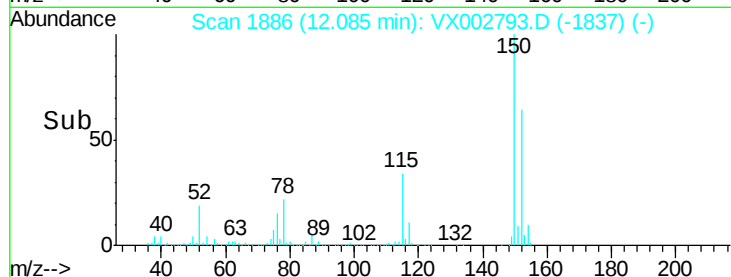
150 154.9 0.0 347.2



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: 1.59 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002793.D

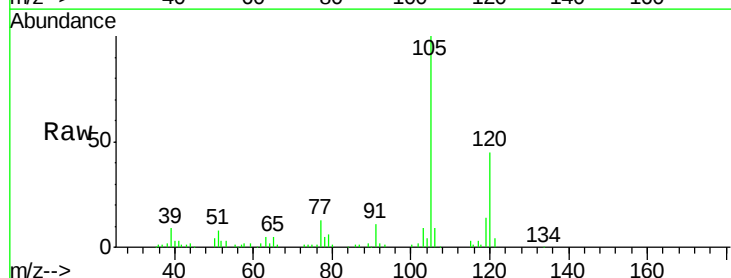
Acq: 21 Jun 2018 17:23

Tgt Ion:105 Resp: 16054

Ion Ratio Lower Upper

105 100

120 46.1 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

