

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006900.D
 Acq On : 03 Jan 2019 17:38
 Operator : JC/MD
 Sample : K1002-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-010219-D

Quant Time: Jan 04 05:55:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	641441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	980272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	926117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	451027	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	336036	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	297361	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
50) Toluene-d8	8.71	98	1186235	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	422961	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	

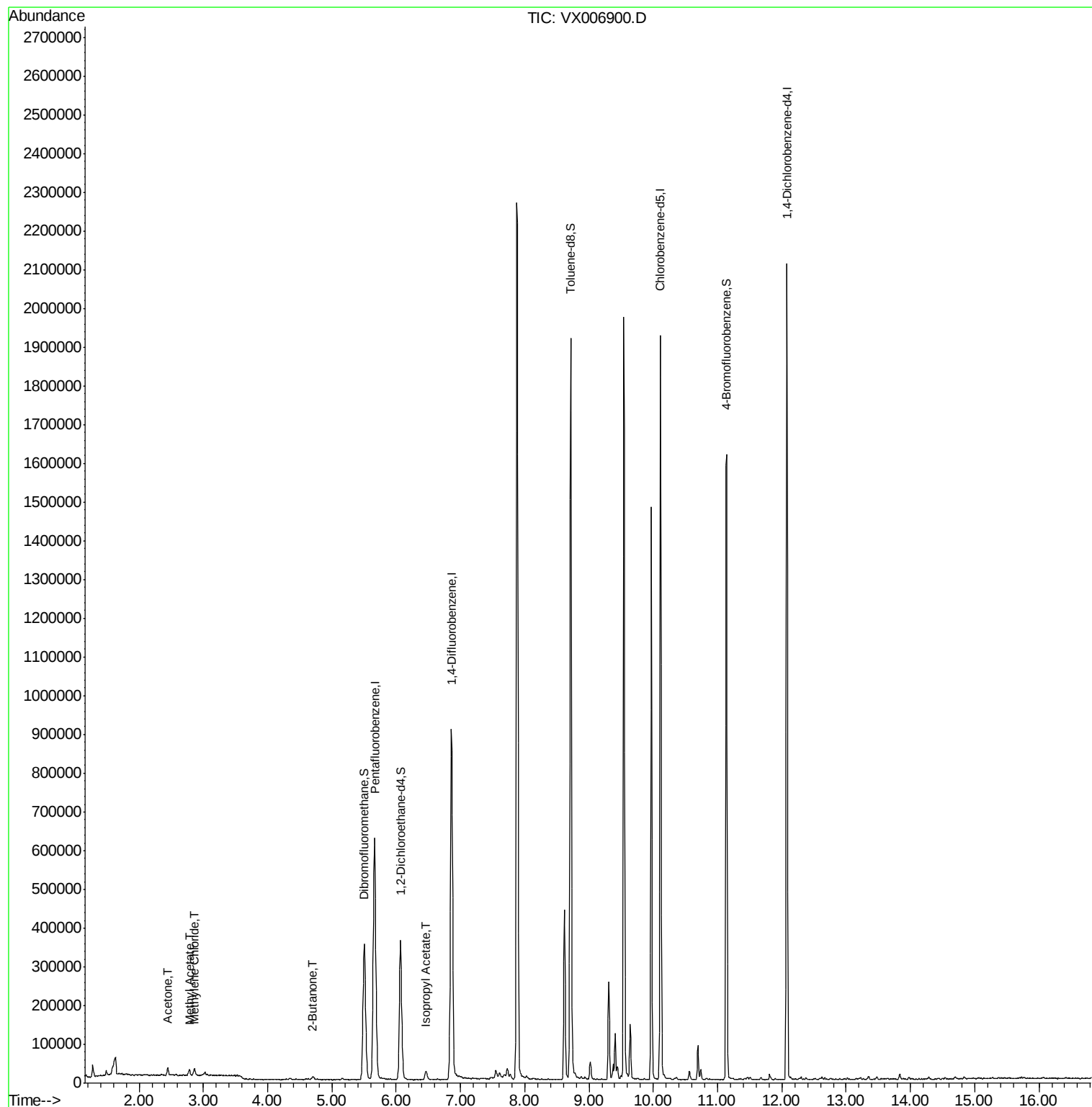
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	19820	6.240	ug/l	96
18) Methyl Acetate	2.78	43	21052	2.254	ug/l	95
20) Methylene Chloride	2.86	84	8138	1.239	ug/l	94
25) 2-Butanone	4.70	43	13962	3.125	ug/l	95
43) Isopropyl Acetate	6.46	43	29504	2.295	ug/l	95

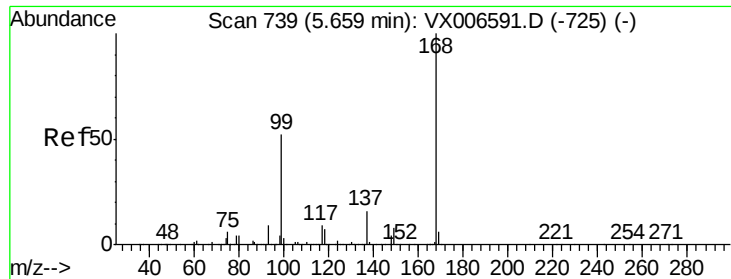
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006900.D

Acq: 03 Jan 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

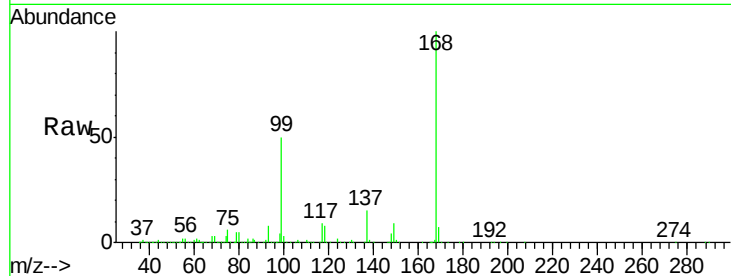
AU-05-010219-D

Tot Ion:168 Resp: 641441

Ion Ratio Lower Upper

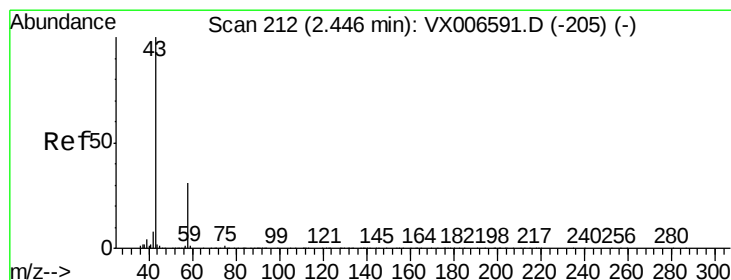
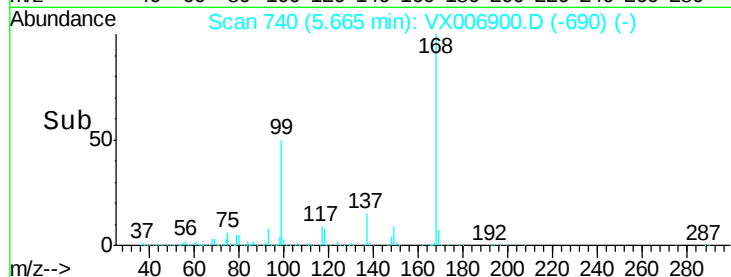
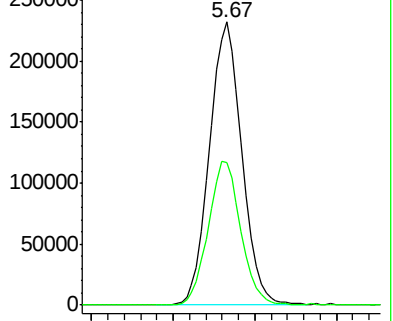
168 100

99 50.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.240 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006900.D

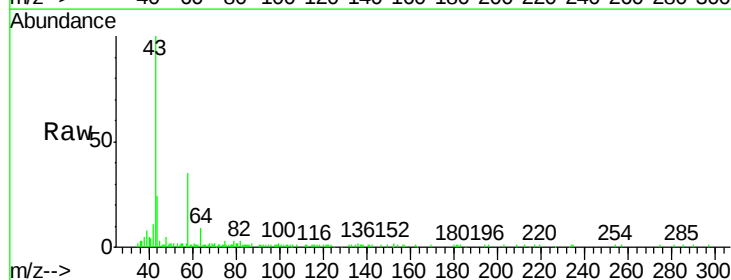
Acq: 03 Jan 2019 17:38

Tgt Ion: 43 Resp: 19820

Ion Ratio Lower Upper

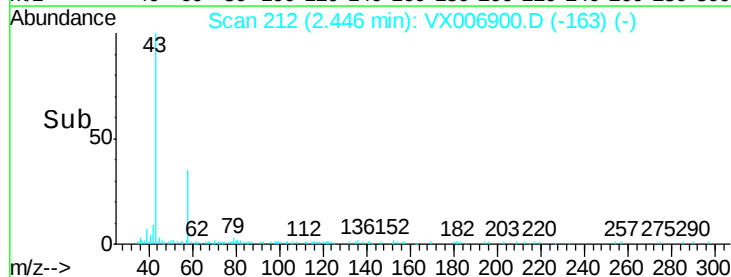
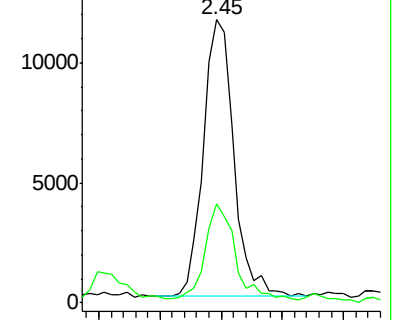
43 100

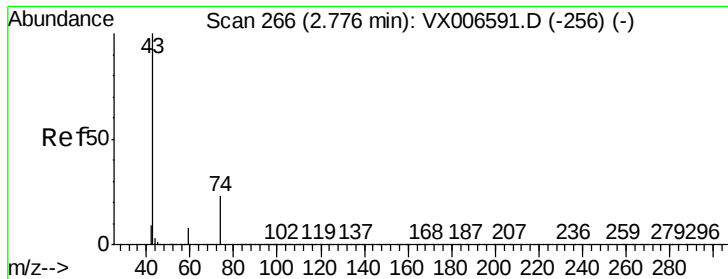
58 33.5 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

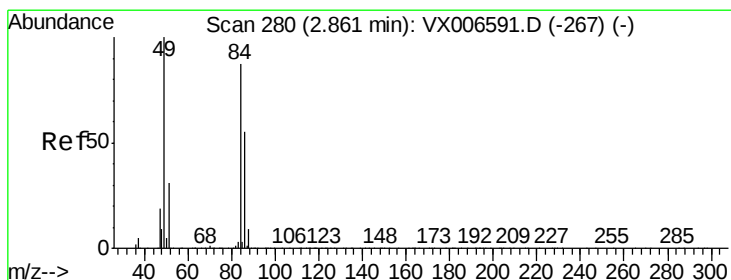
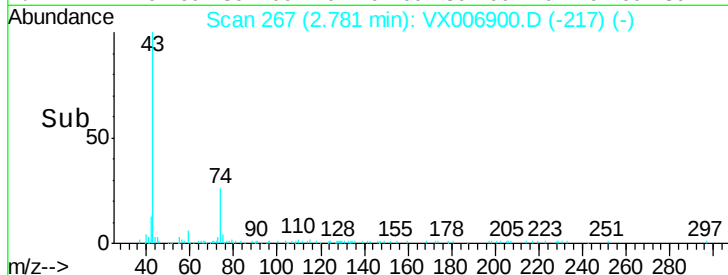
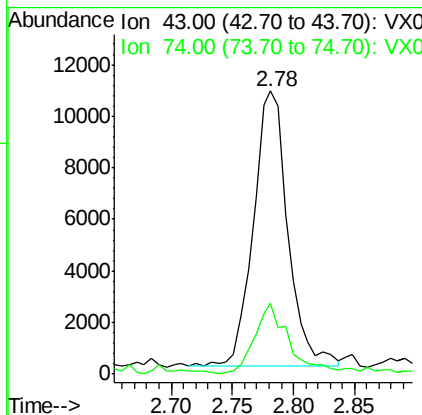
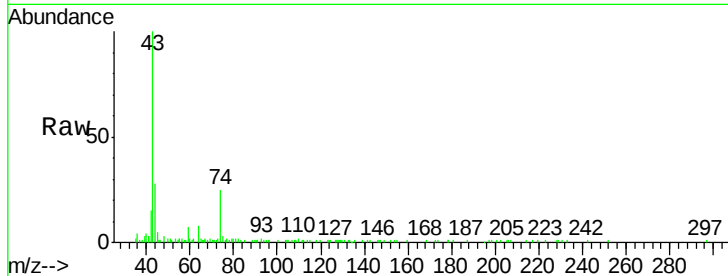




#18
Methyl Acetate
Concen: 2.254 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006900.D
Acq: 03 Jan 2019 17:38

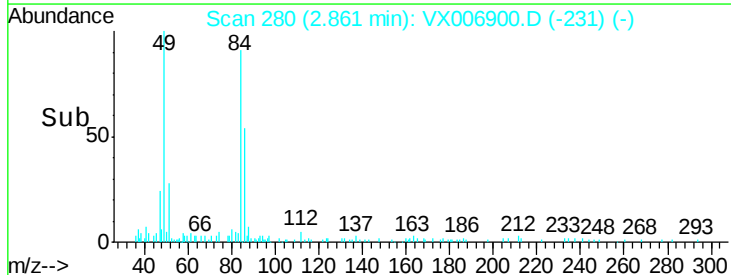
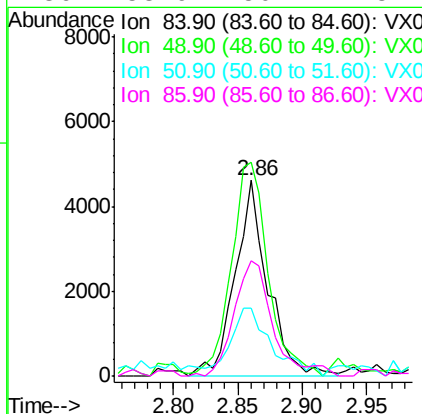
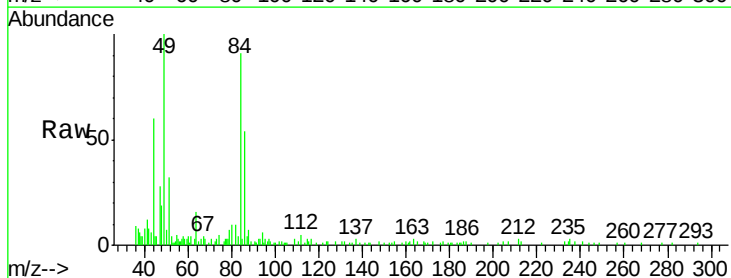
Instrument :
MSVOA_X
ClientSampleId :
AU-05-010219-D

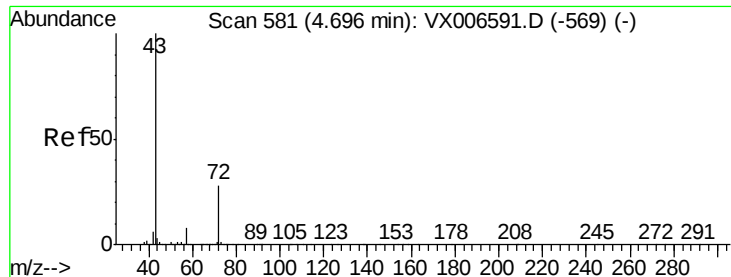
Tot Ion: 43 Resp: 21052
Ion Ratio Lower Upper
43 100
74 25.5 18.6 28.0



#20
Methylene Chloride
Concen: 1.239 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006900.D
Acq: 03 Jan 2019 17:38

Tgt Ion: 84 Resp: 8138
Ion Ratio Lower Upper
84 100
49 108.0 91.8 137.6
51 30.0 28.5 42.7
86 58.9 50.2 75.2





#25

2-Butanone

Concen: 3.125 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006900.D

Acq: 03 Jan 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

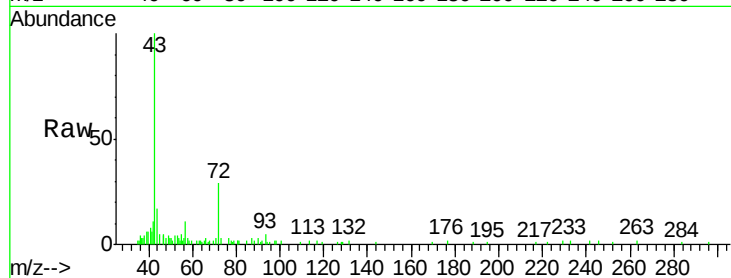
AU-05-010219-D

Tot Ion: 43 Resp: 13962

Ion Ratio Lower Upper

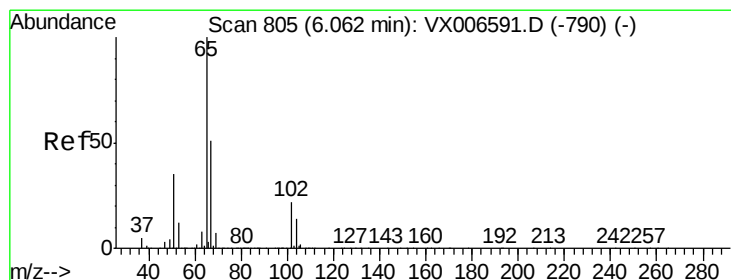
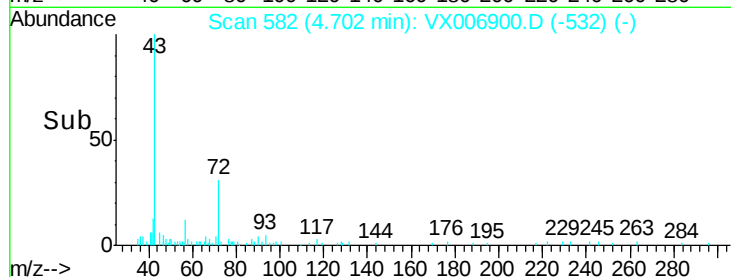
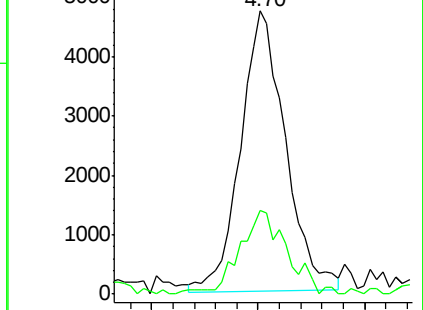
43 100

72 30.4 22.4 33.6



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: 48.608 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006900.D

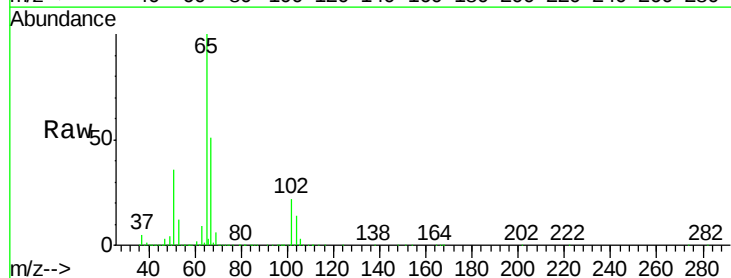
Acq: 03 Jan 2019 17:38

Tgt Ion: 65 Resp: 336036

Ion Ratio Lower Upper

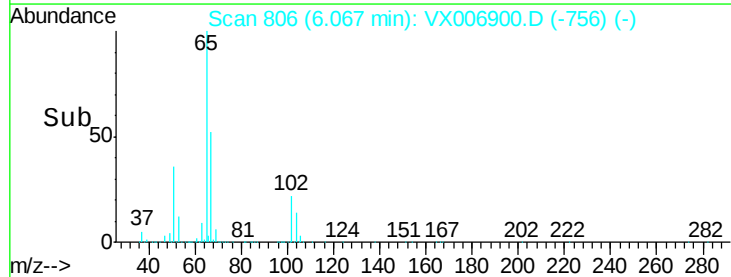
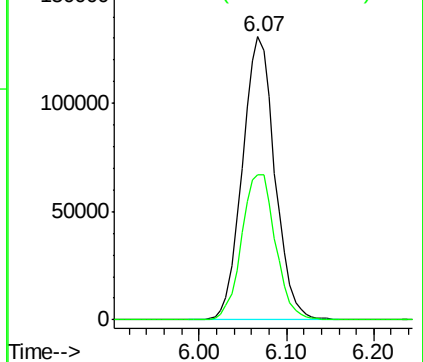
65 100

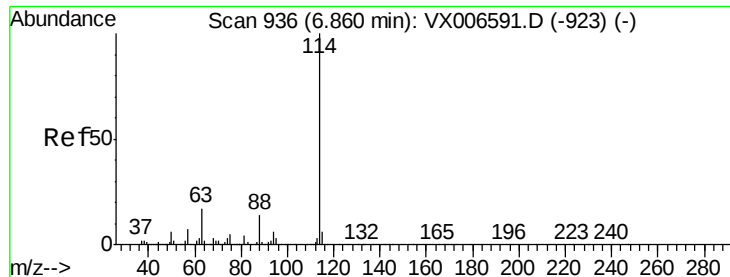
67 53.3 0.0 105.0



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: VX006900.D

Acq: 03 Jan 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

AU-05-010219-D

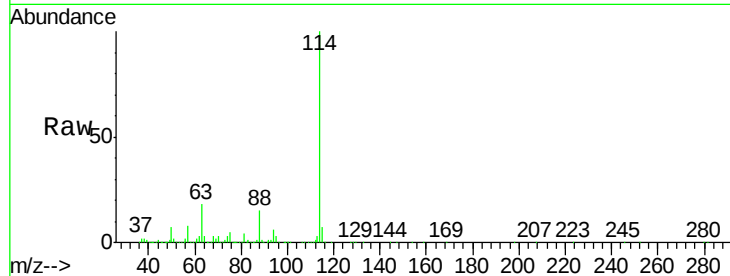
Tot Ion:114 Resp: 980272

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

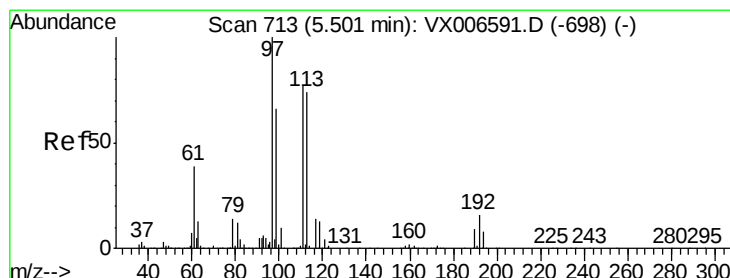
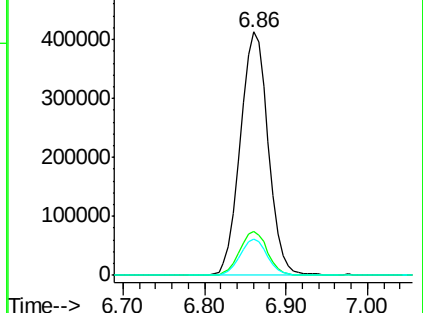
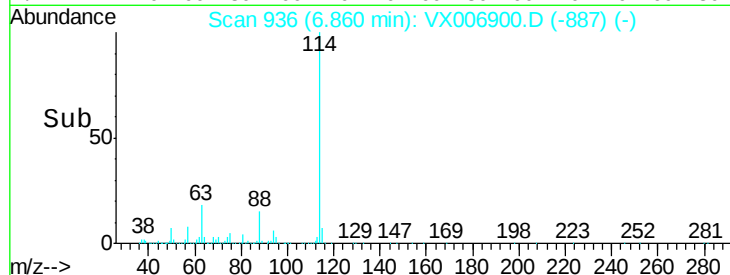
88 14.8 0.0 28.8



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: 47.969 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006900.D

Acq: 03 Jan 2019 17:38

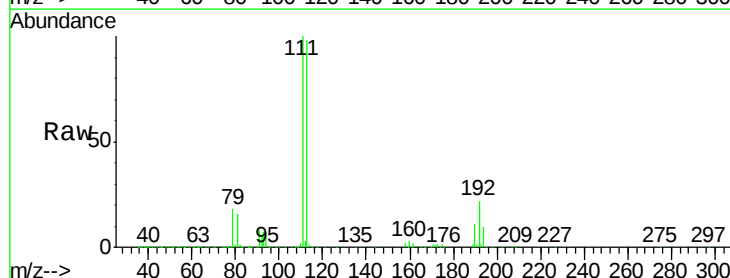
Tgt Ion:113 Resp: 297361

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

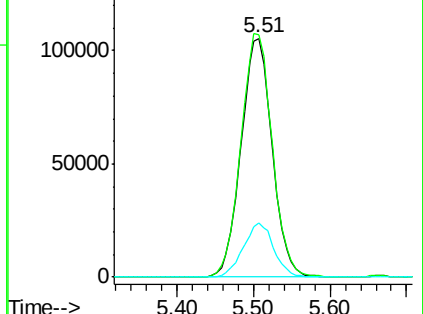
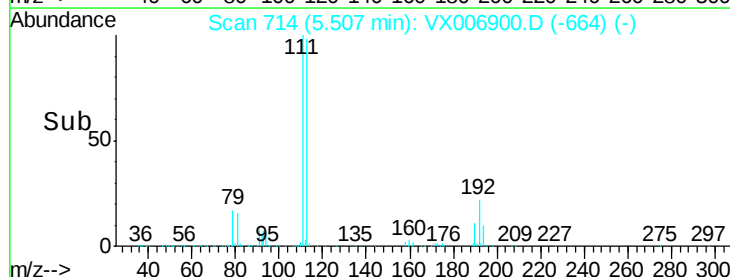
192 22.2 16.7 25.1

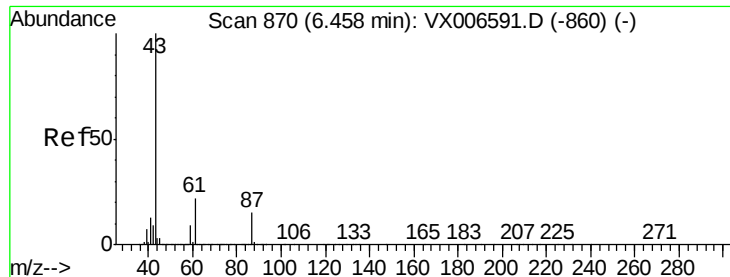


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



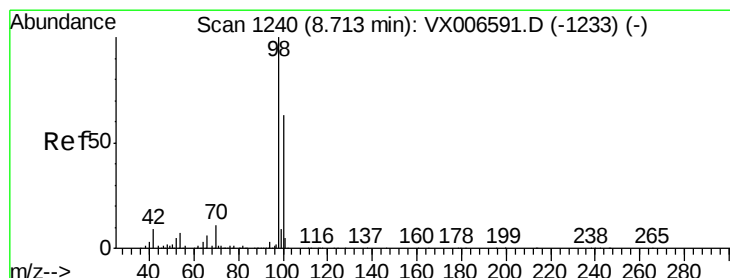
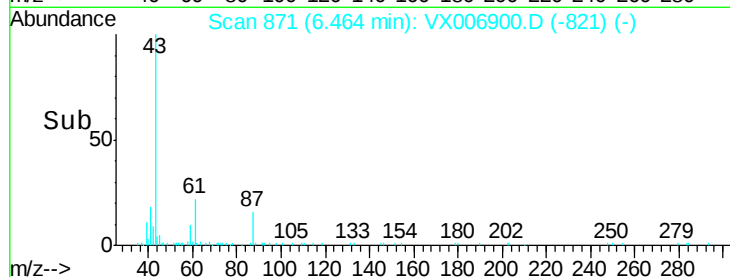
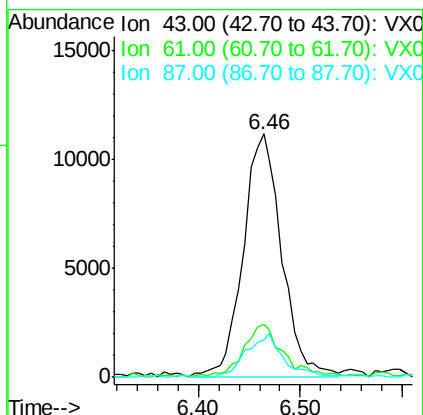
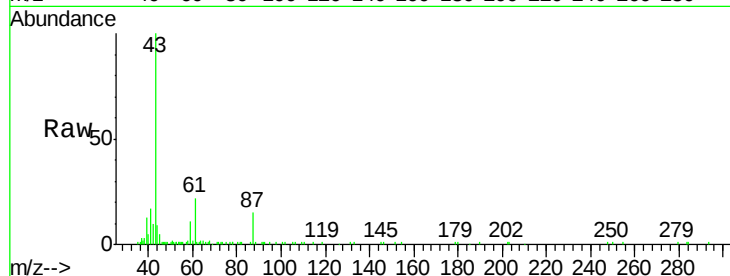


#43

Isopropyl Acetate
 Concen: 2.295 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006900.D
 Acq: 03 Jan 2019 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-010219-D

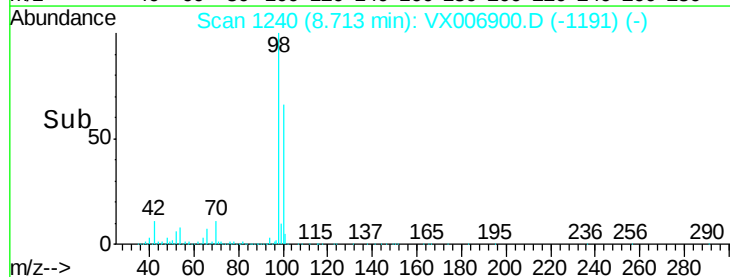
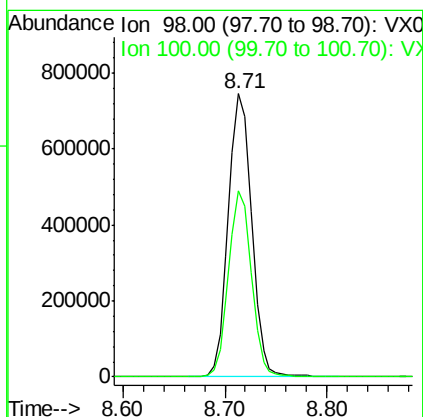
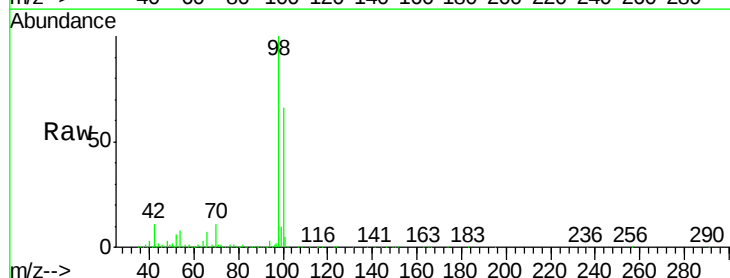
Tot Ion	43	Resp	29504
Ion Ratio	Lower	Upper	
43	100		
61	23.4	16.8	25.2
87	17.2	12.4	18.6

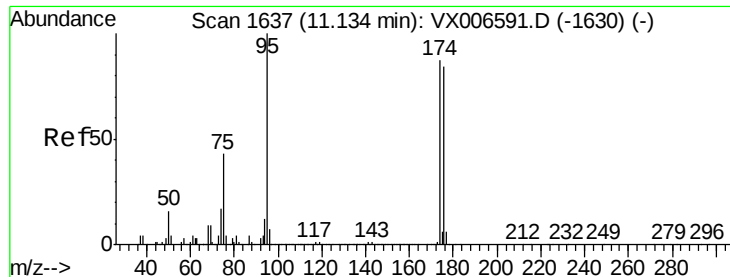


#50

Toluene-d8
 Concen: 50.757 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006900.D
 Acq: 03 Jan 2019 17:38

Tgt Ion	98	Resp	1186235
Ion Ratio	Lower	Upper	
98	100		
100	64.3	52.0	78.0

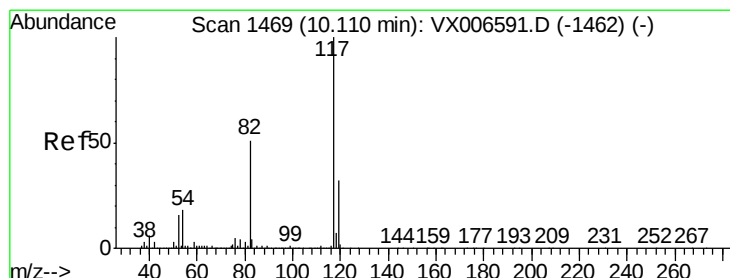
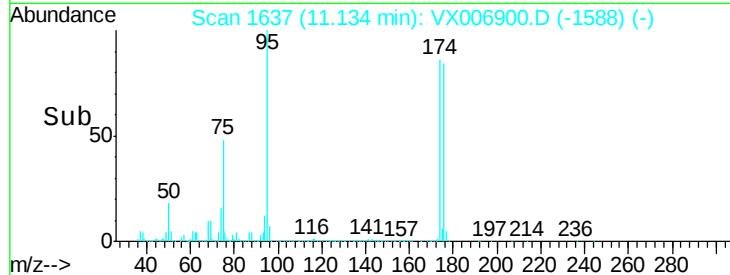
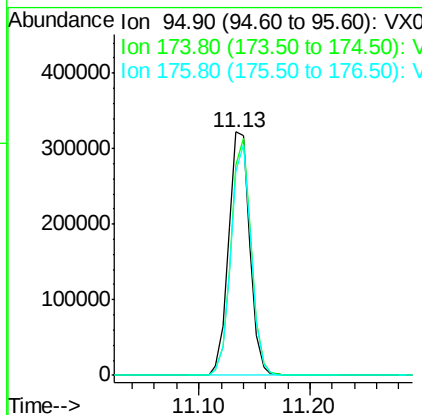
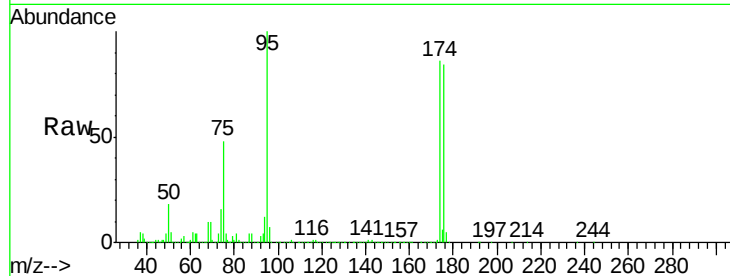




#62
4-Bromofluorobenzene
Concen: 49.415 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006900.D
Acq: 03 Jan 2019 17:38

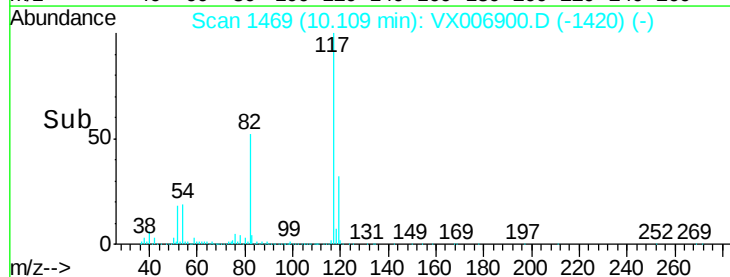
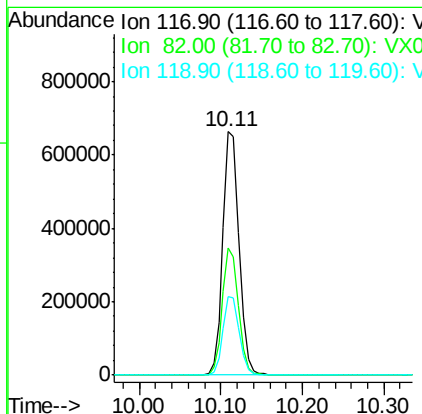
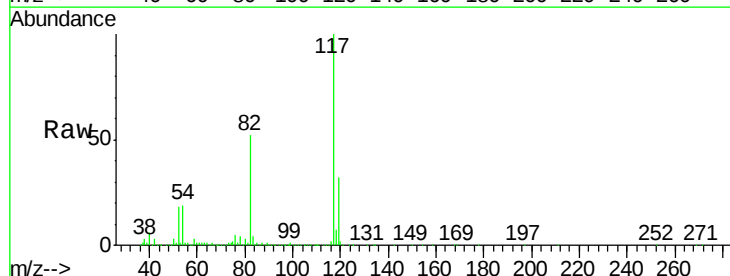
Instrument :
MSVOA_X
ClientSampleId :
AU-05-010219-D

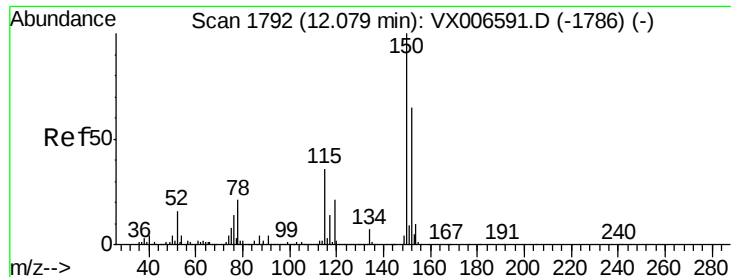
Tot Ion: 95 Resp: 422961
Ion Ratio Lower Upper
95 100
174 92.6 0.0 182.2
176 90.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006900.D
Acq: 03 Jan 2019 17:38

Tgt Ion: 117 Resp: 926117
Ion Ratio Lower Upper
117 100
82 52.0 41.0 61.6
119 32.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006900.D

Acq: 03 Jan 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

AU-05-010219-D

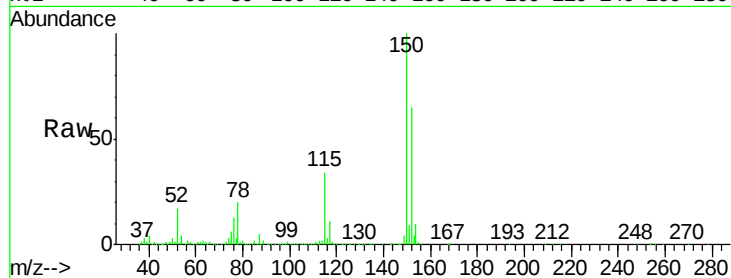
Tot Ion:152 Resp: 451027

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

150 156.0 0.0 344.8



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

