

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005075.D
 Acq On : 05 Oct 2018 19:18
 Operator : JC/MD
 Sample : J5192-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-100218-A

Quant Time: Oct 05 19:46:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

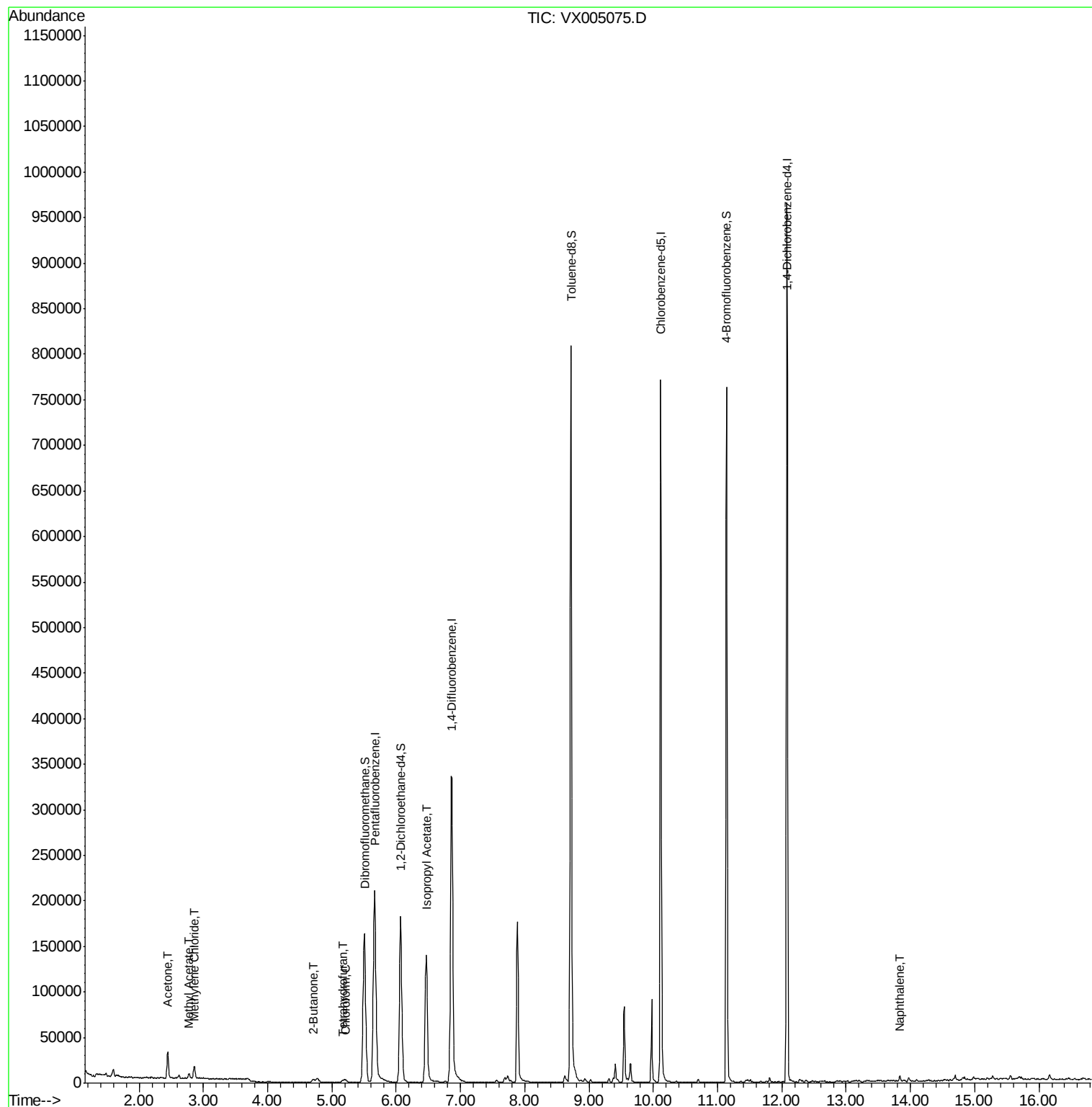
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	171315	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	5.50	113	140249	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
50) Toluene-d8	8.72	98	523225	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	193752	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
Target Compounds						
16) Acetone	2.45	43	32021	16.970	ug/l	92
18) Methyl Acetate	2.78	43	6792	1.421	ug/l	99
20) Methylene Chloride	2.86	84	6158	1.429	ug/l	92
25) 2-Butanone	4.71	43	6589	2.369	ug/l	92
29) Tetrahydrofuran	5.17	42	2145	1.241	ug/l	96
30) Chloroform	5.21	83	3316	0.653	ug/l #	75
43) Isopropyl Acetate	6.47	43	198777	24.693	ug/l	99
95) Naphthalene	13.83	128	4145	0.960	ug/l #	96

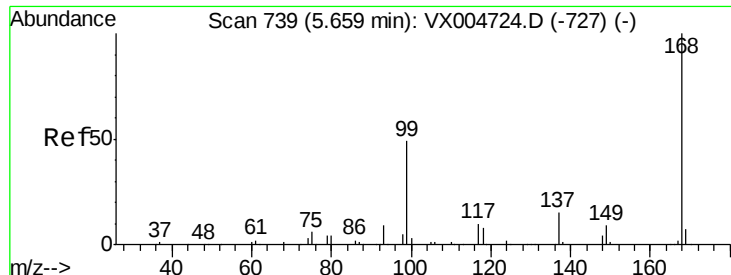
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampled :
AU-05-100218-A

Quant Time: Oct 05 19:46:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

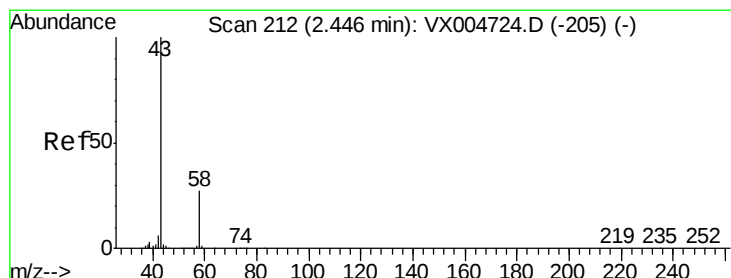
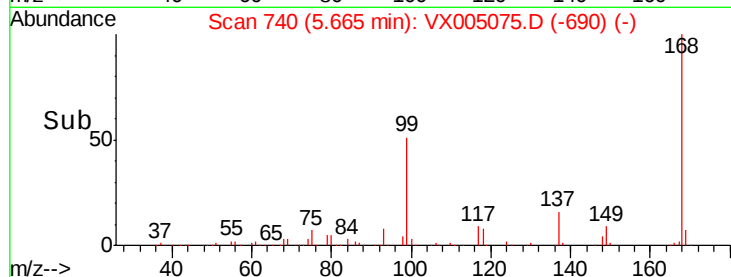
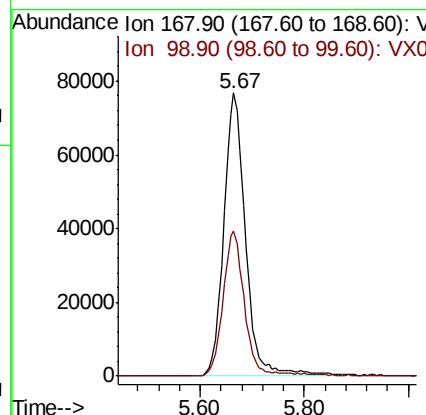
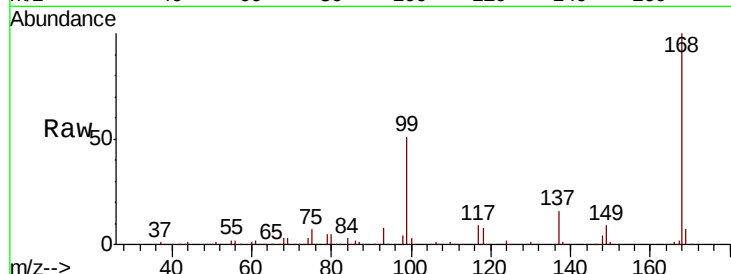




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005075.D
Acq: 05 Oct 2018 19:18

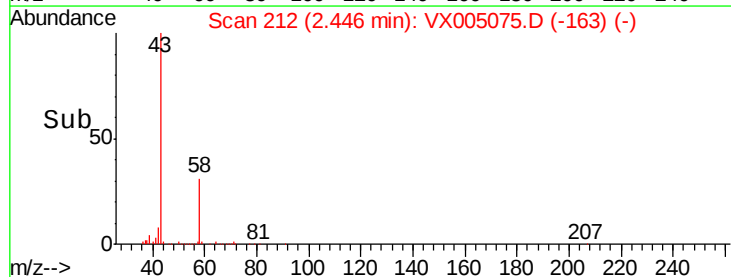
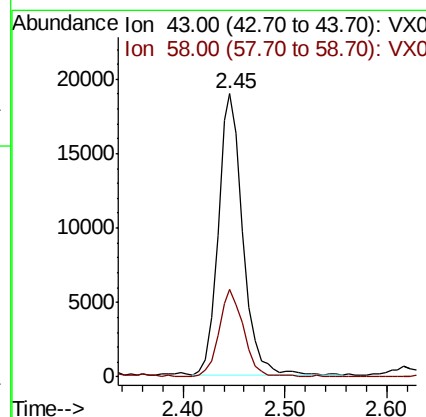
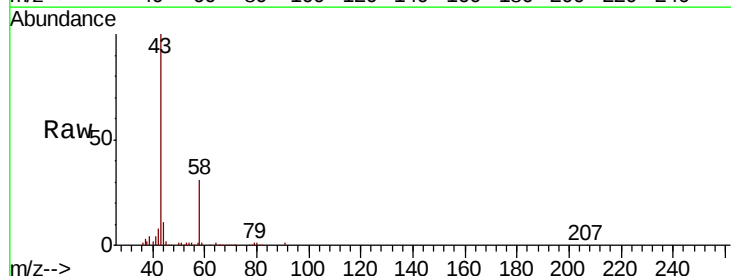
Instrument :
MSVOA_X
ClientSampleId :
AU-05-100218-A

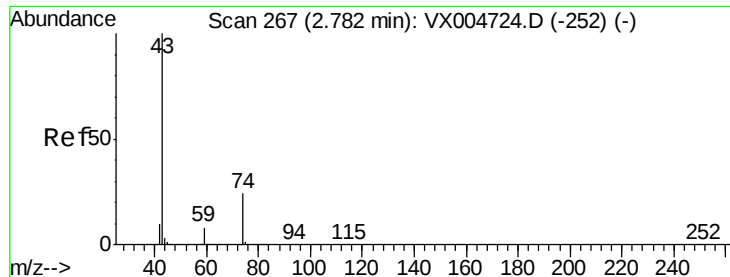
Tot Ion:168 Resp: 226252
Ion Ratio Lower Upper
168 100
99 51.0 39.3 58.9



#16
Acetone
Concen: 16.970 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005075.D
Acq: 05 Oct 2018 19:18

Tgt Ion: 43 Resp: 32021
Ion Ratio Lower Upper
43 100
58 31.1 21.8 32.6





#18

Methyl Acetate

Concen: 1.421 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005075.D

Acq: 05 Oct 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

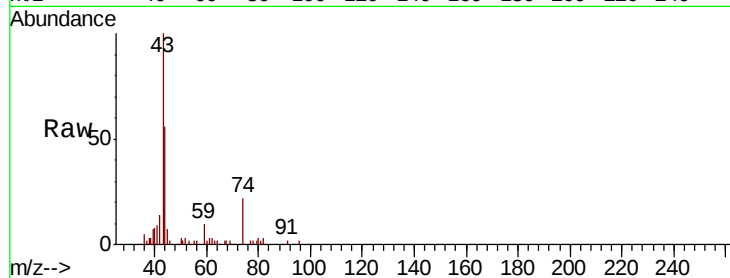
AU-05-100218-A

Tot Ion: 43 Resp: 6792

Ion Ratio Lower Upper

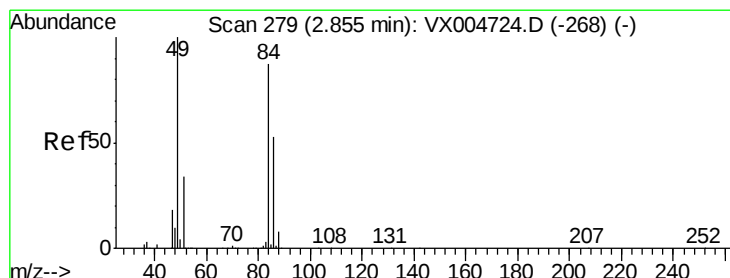
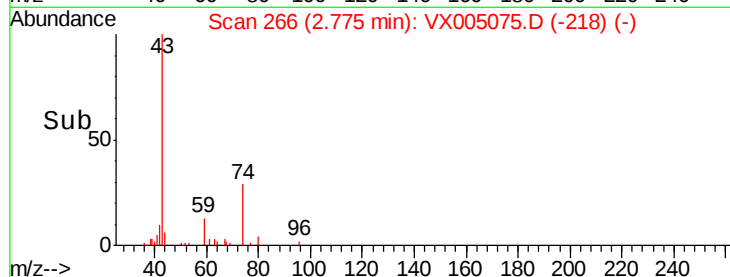
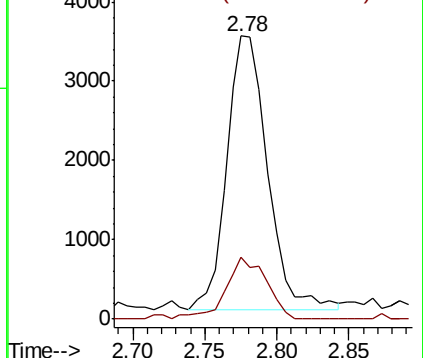
43 100

74 22.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 1.429 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005075.D

Acq: 05 Oct 2018 19:18

Tgt Ion: 84 Resp: 6158

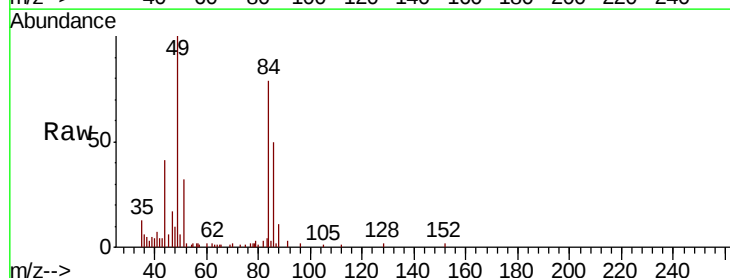
Ion Ratio Lower Upper

84 100

49 127.2 92.3 138.5

51 37.9 31.8 47.6

86 64.0 48.5 72.7

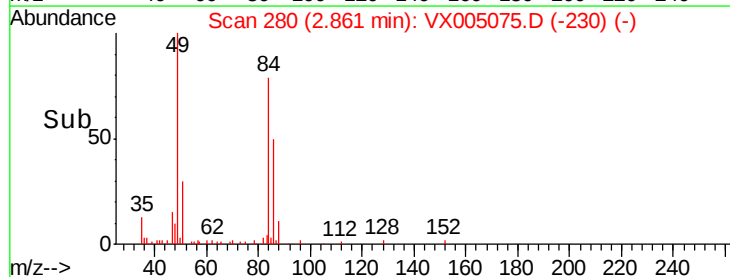
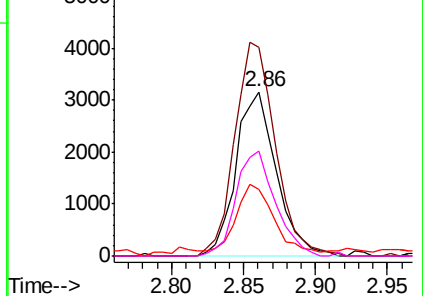


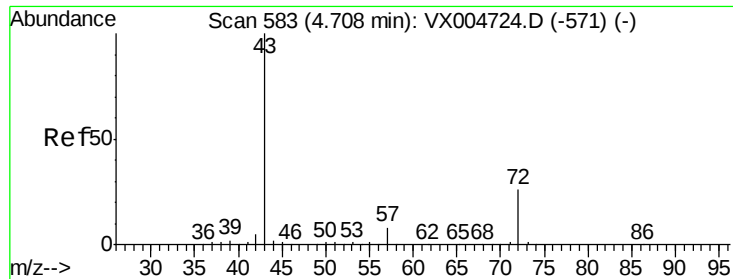
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 2.369 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005075.D

Acq: 05 Oct 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

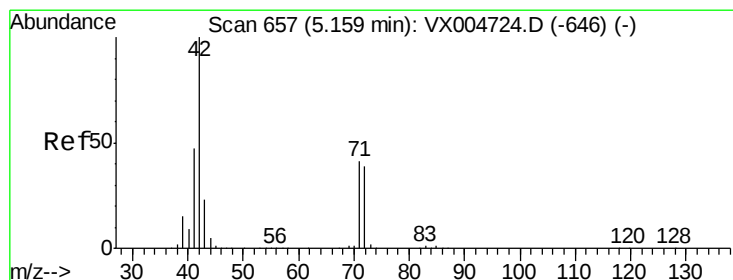
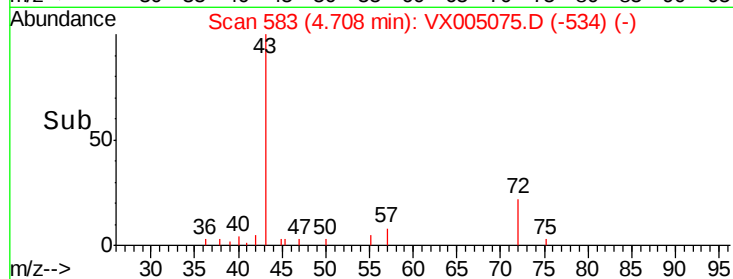
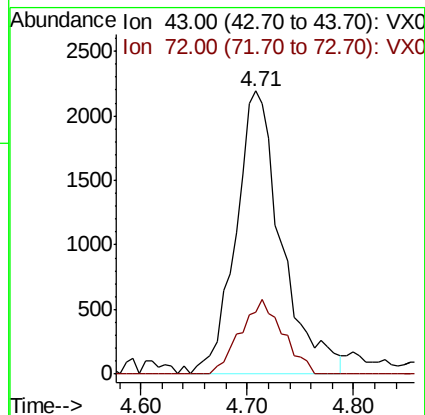
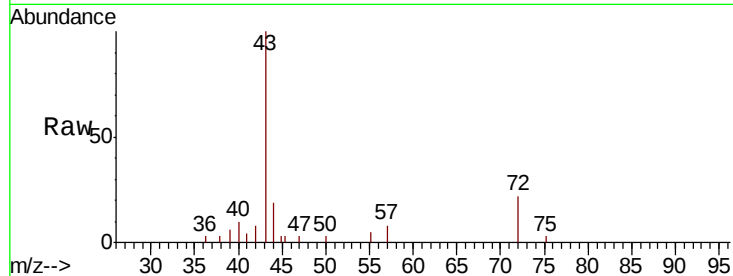
AU-05-100218-A

Tot Ion: 43 Resp: 6589

Ion Ratio Lower Upper

43 100

72 22.0 20.8 31.2



#29

Tetrahydrofuran

Concen: 1.241 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005075.D

Acq: 05 Oct 2018 19:18

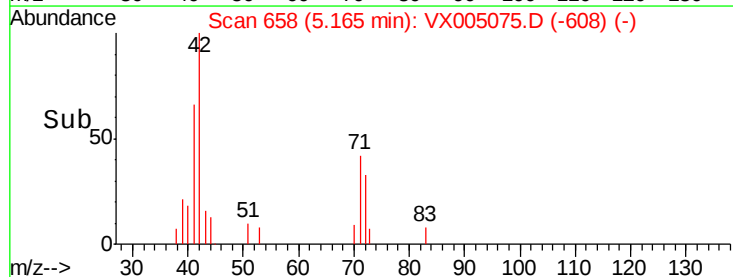
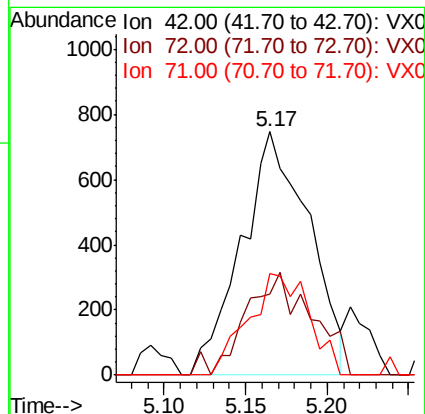
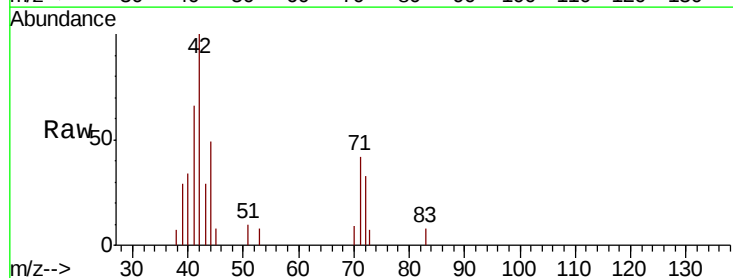
Tgt Ion: 42 Resp: 2145

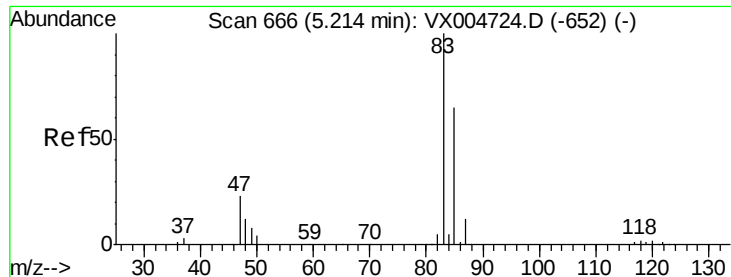
Ion Ratio Lower Upper

42 100

72 40.0 33.7 50.5

71 37.5 32.2 48.4

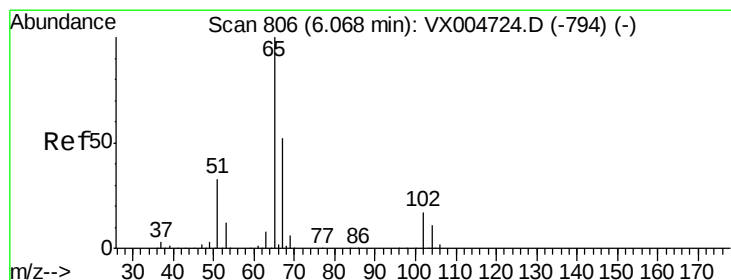
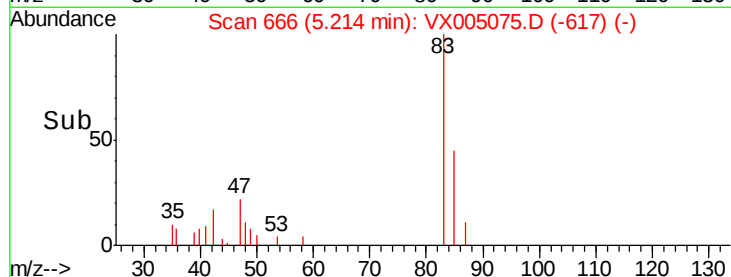
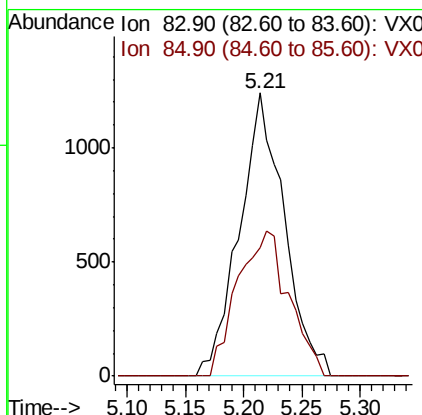
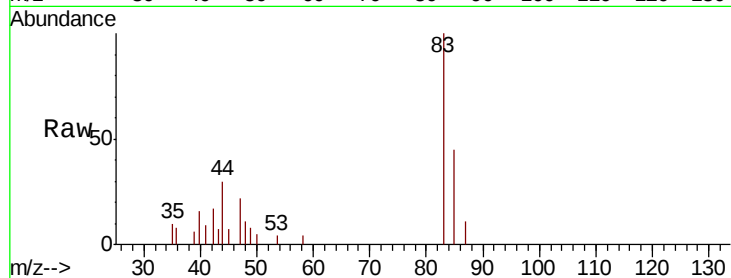




#30
Chloroform
Concen: 0.653 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005075.D
Acq: 05 Oct 2018 19:18

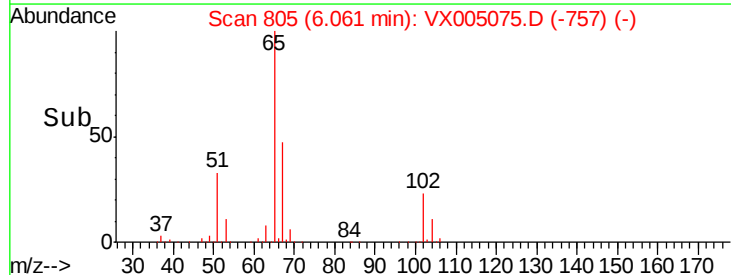
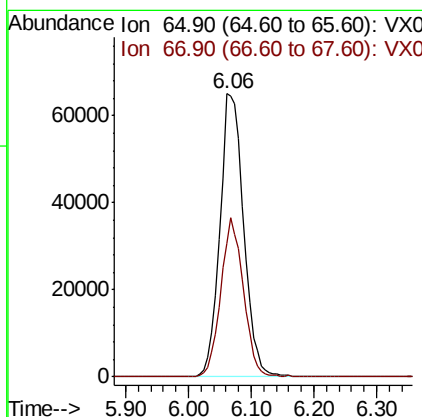
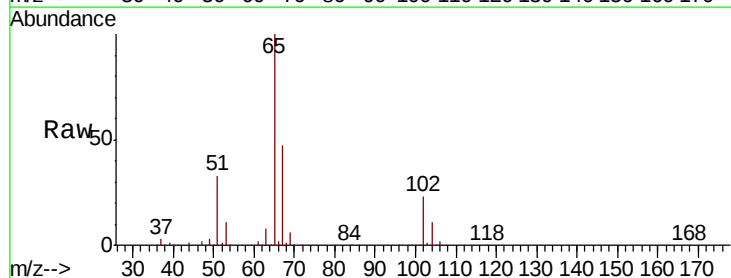
Instrument :
MSVOA_X
ClientSampleId :
AU-05-100218-A

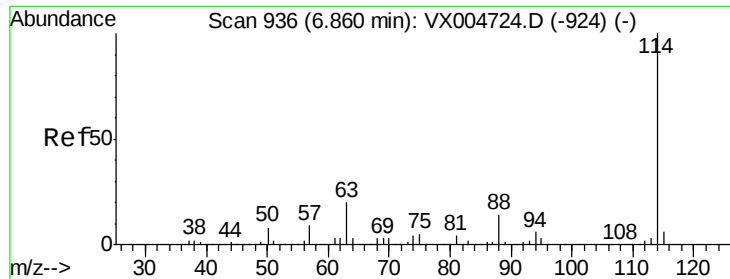
Tot Ion: 83 Resp: 3316
Ion Ratio Lower Upper
83 100
85 45.4 52.4 78.6#



#33
1,2-Dichloroethane-d4
Concen: 53.006 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005075.D
Acq: 05 Oct 2018 19:18

Tgt Ion: 65 Resp: 171315
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4

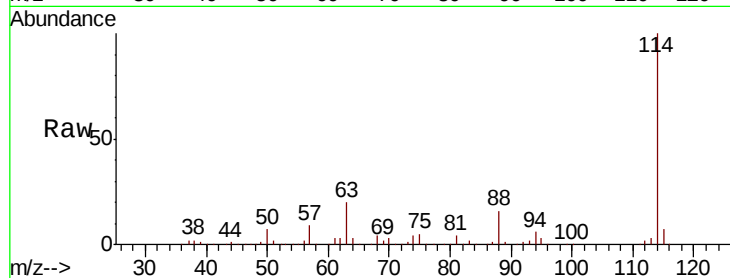




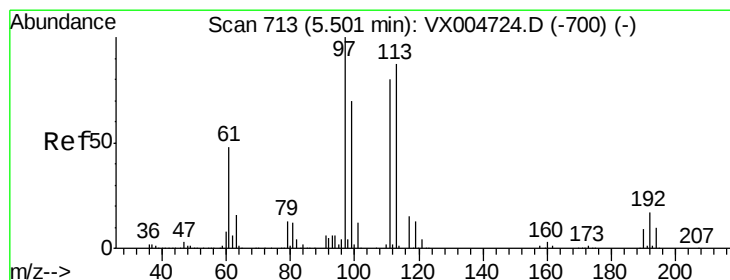
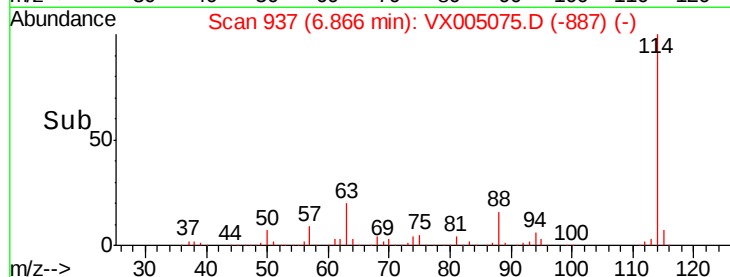
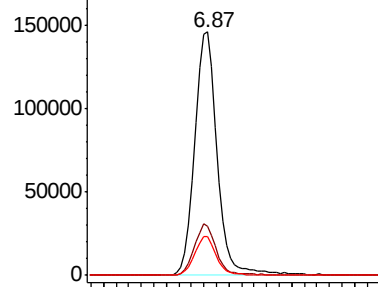
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005075.D
 Acq: 05 Oct 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-100218-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	16.1	0.0	27.0

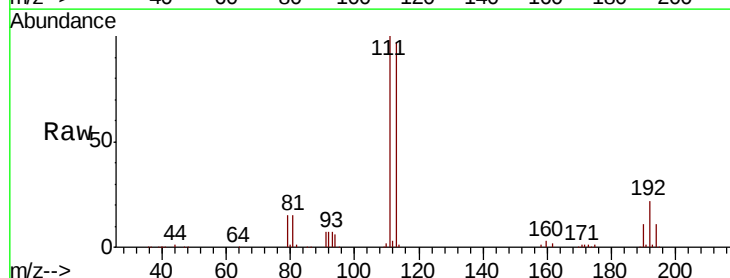


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

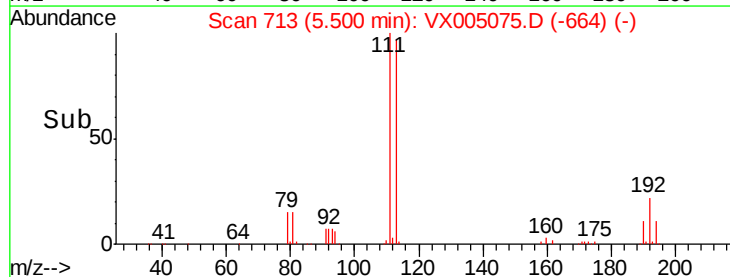
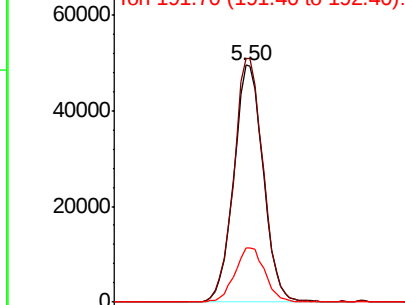


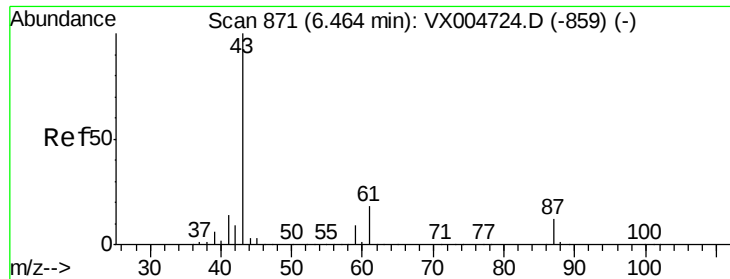
#35
 Dibromofluoromethane
 Concen: 45.542 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005075.D
 Acq: 05 Oct 2018 19:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	77.0	115.4
192	23.4	17.0	25.6



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: 24.693 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005075.D

Acq: 05 Oct 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

AU-05-100218-A

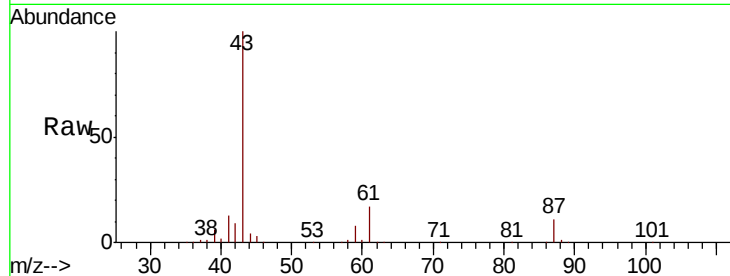
Tot Ion: 43 Resp: 198777

Ion Ratio Lower Upper

43 100

61 18.1 14.2 21.4

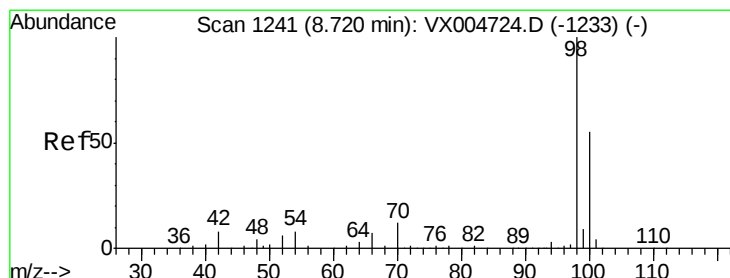
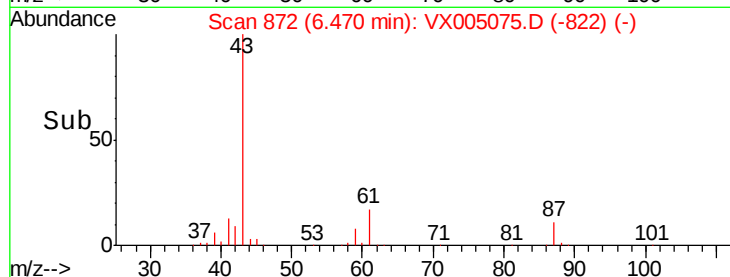
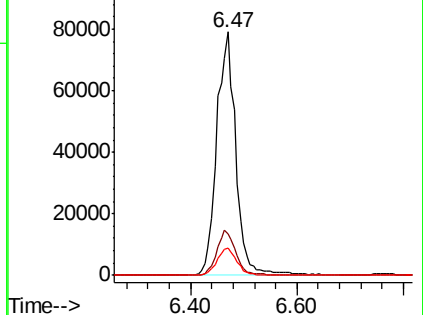
87 11.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.106 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005075.D

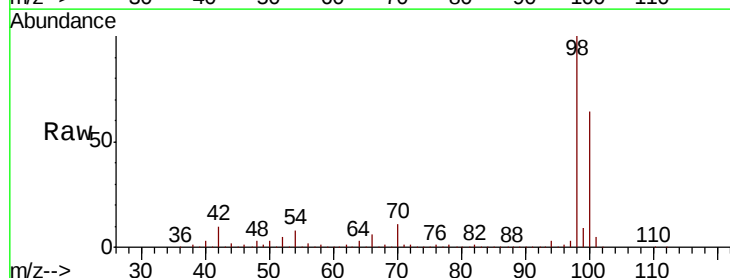
Acq: 05 Oct 2018 19:18

Tgt Ion: 98 Resp: 523225

Ion Ratio Lower Upper

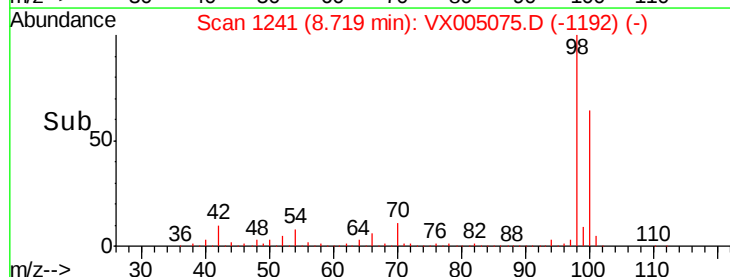
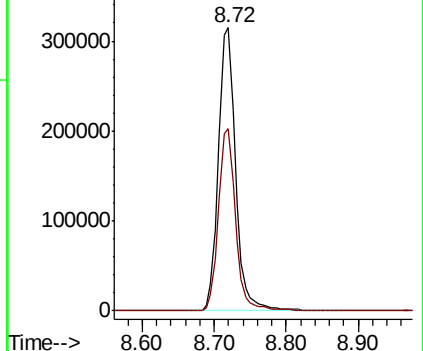
98 100

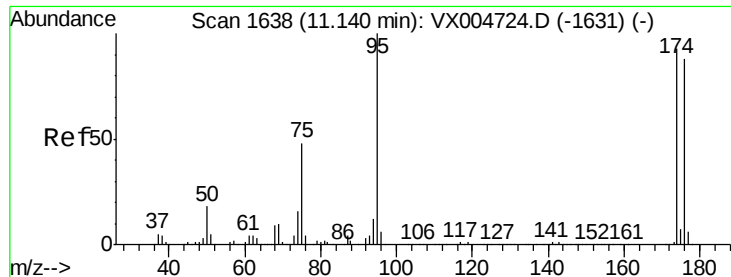
100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

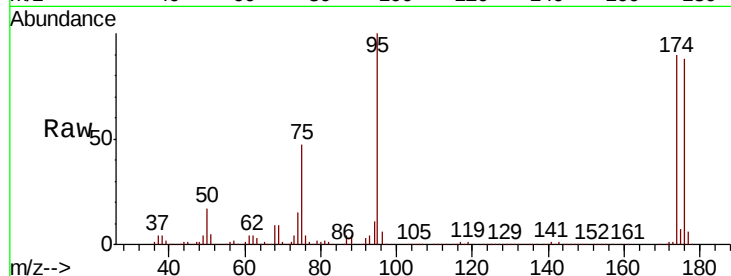




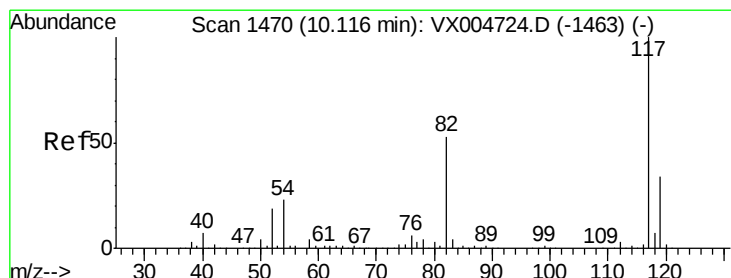
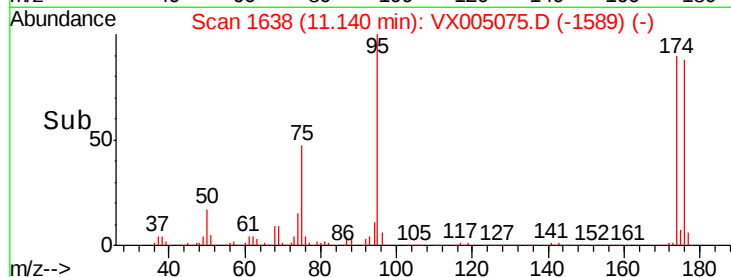
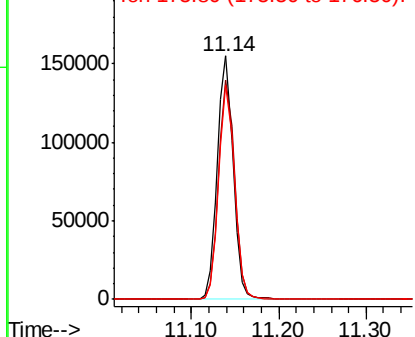
#62
4-Bromofluorobenzene
Concen: 52.531 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005075.D
Acq: 05 Oct 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
AU-05-100218-A

Tot Ion: 95 Resp: 193752
Ion Ratio Lower Upper
95 100
174 91.1 0.0 185.0
176 88.2 0.0 180.2

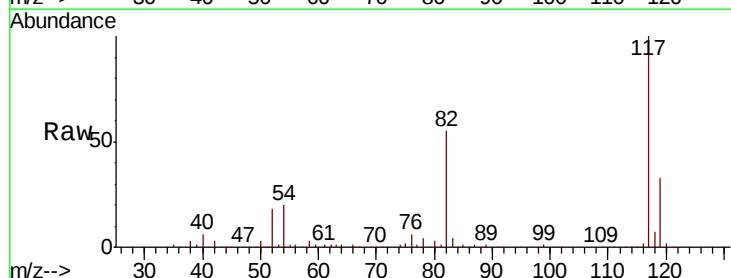


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

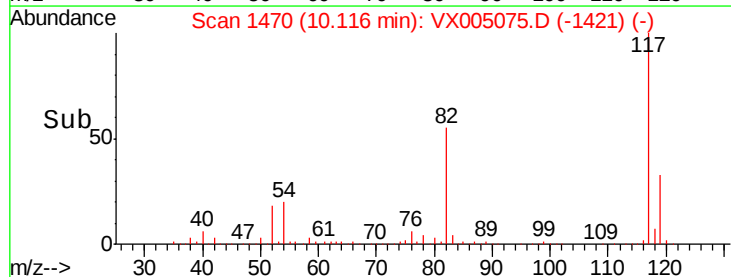
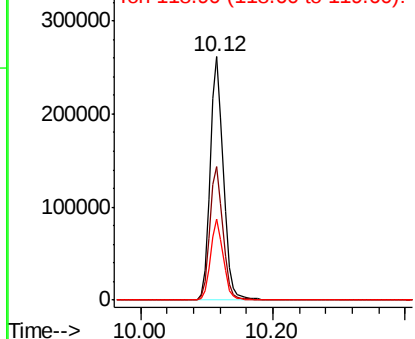


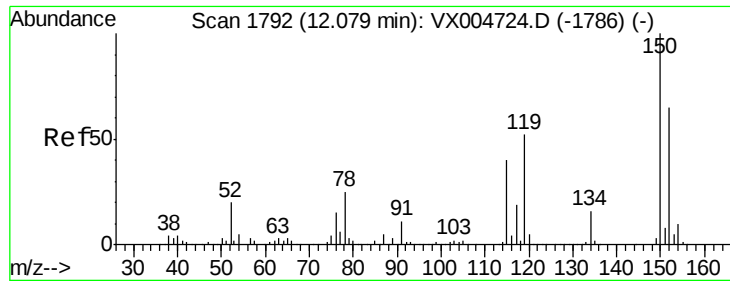
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005075.D
Acq: 05 Oct 2018 19:18

Tgt Ion: 117 Resp: 360604
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 33.0 27.4 41.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005075.D

Acq: 05 Oct 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

AU-05-100218-A

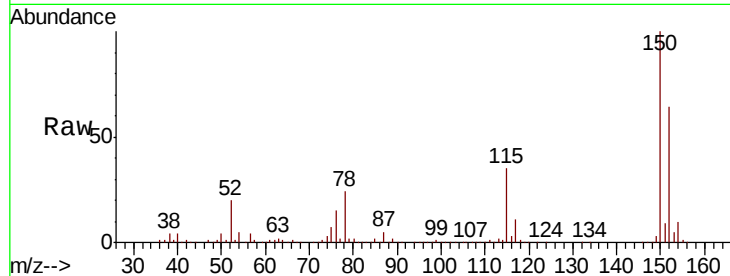
Tot Ion:152 Resp: 204360

Ion Ratio Lower Upper

152 100

115 54.7 40.2 120.6

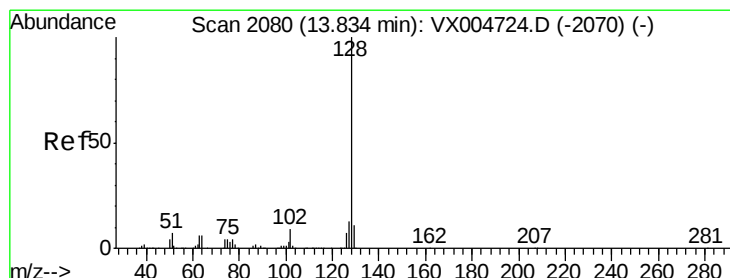
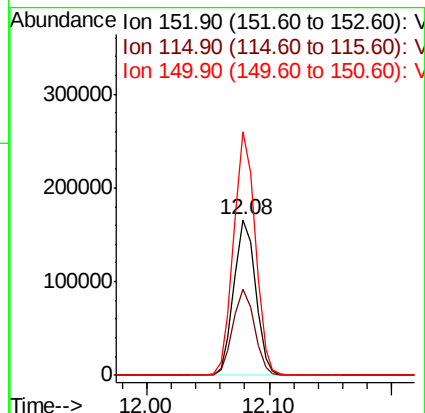
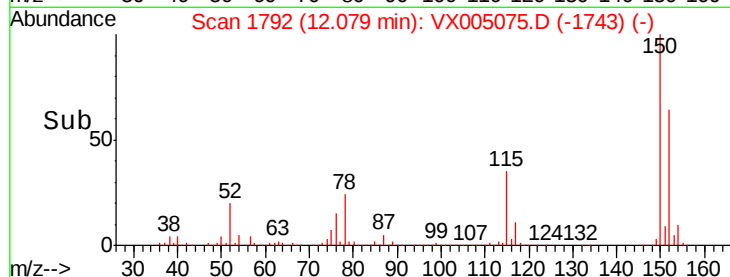
150 155.3 0.0 351.0



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



#95

Naphthalene

Concen: 0.960 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005075.D

Acq: 05 Oct 2018 19:18

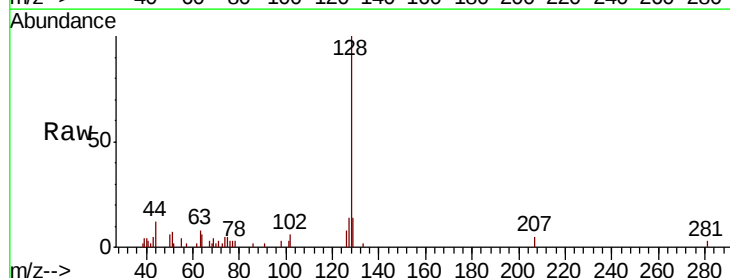
Tgt Ion:128 Resp: 4145

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 13.3 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

