

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012892.D
 Acq On : 08 Oct 2019 16:17
 Operator : JC/SP
 Sample : K5122-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ5-ER1

Quant Time: Oct 09 03:10:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

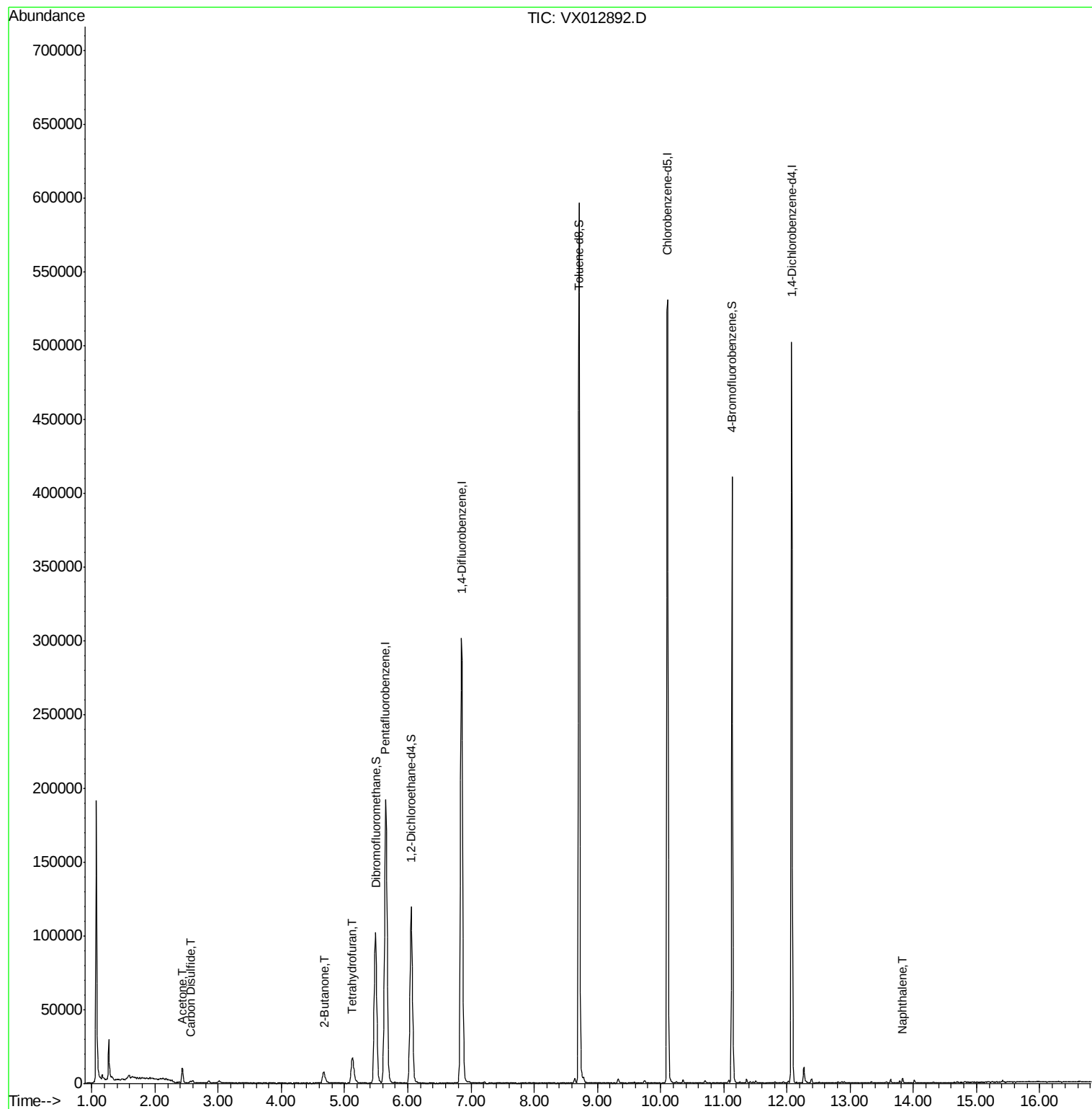
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115474	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
35) Dibromofluoromethane	5.49	113	89994	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	8.71	98	351432	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	117408	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	10564	8.910	ug/l	97
17) Carbon Disulfide	2.56	76	1477	0.285	ug/l	100
25) 2-Butanone	4.67	43	14020	8.524	ug/l	98
29) Tetrahydrofuran	5.12	42	17391	17.182	ug/l	98
95) Naphthalene	13.83	128	2097	0.317	ug/l #	91

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

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QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012892.D

Acq: 08 Oct 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

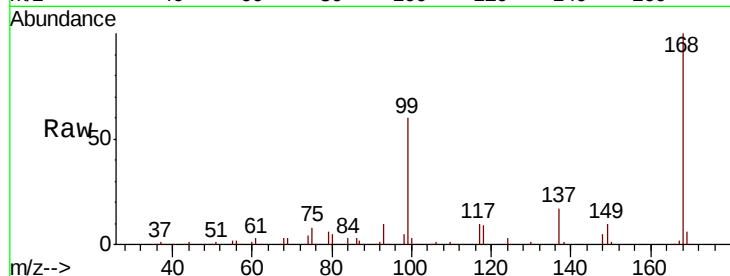
FA19-GMZ5-ER1

Tot Ion:168 Resp: 179960

Ion Ratio Lower Upper

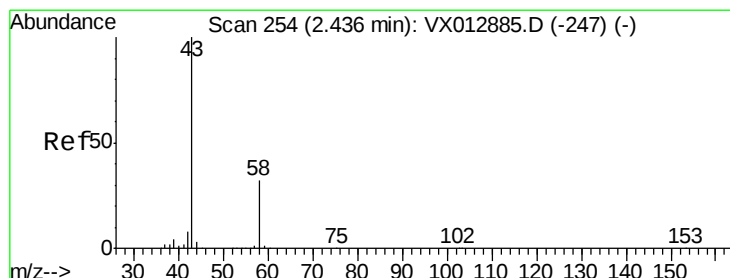
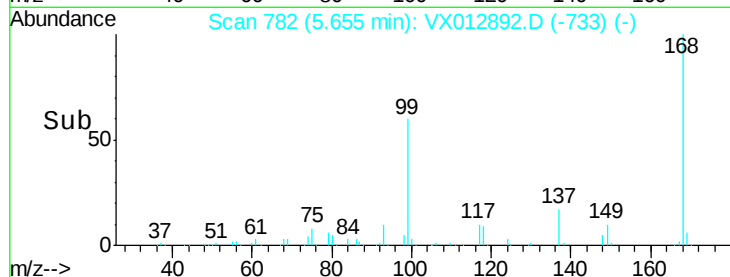
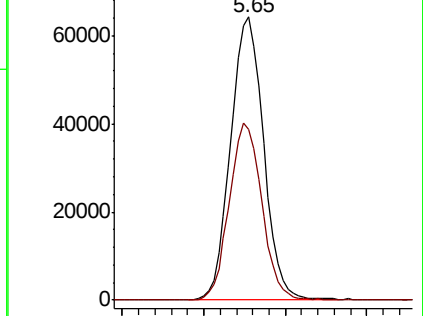
168 100

99 60.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.910 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012892.D

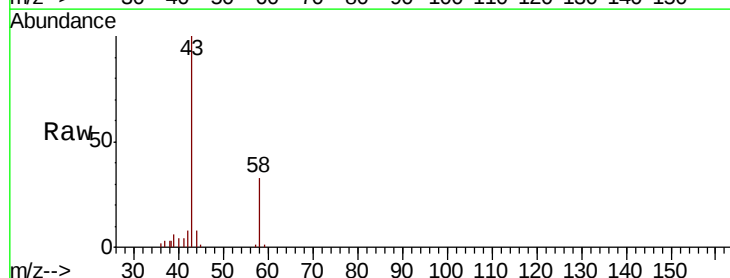
Acq: 08 Oct 2019 16:17

Tgt Ion: 43 Resp: 10564

Ion Ratio Lower Upper

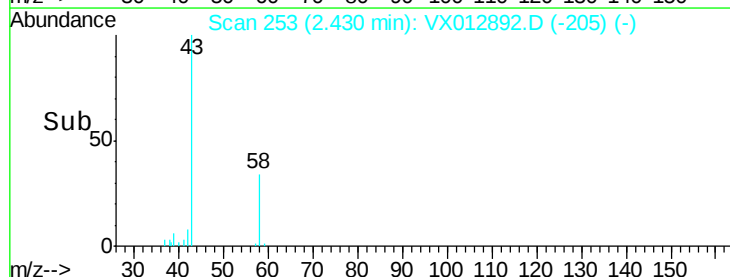
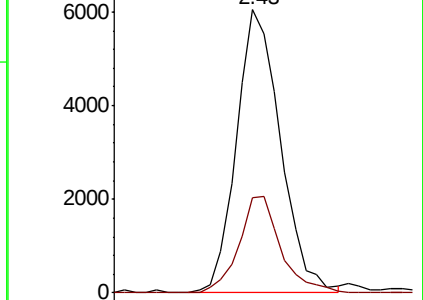
43 100

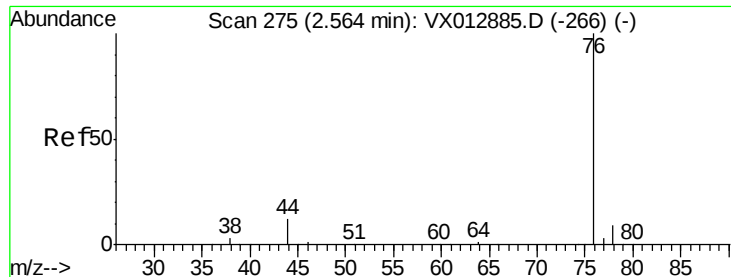
58 33.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

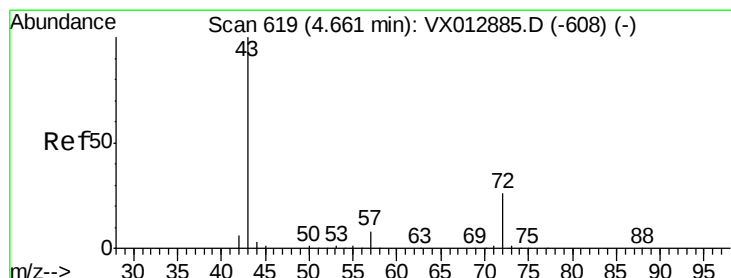
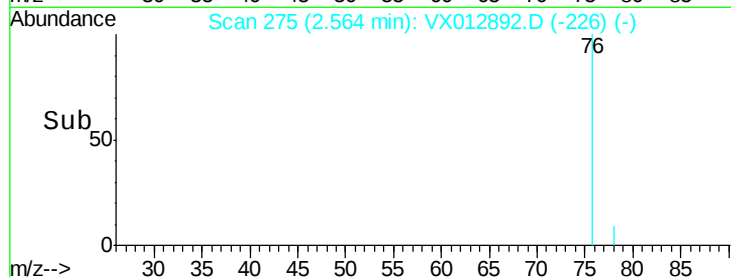
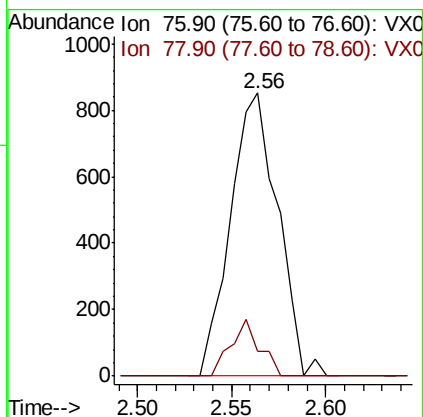
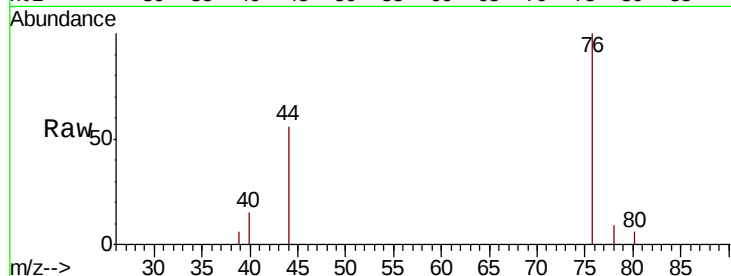




#17
Carbon Disulfide
Concen: 0.285 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX012892.D
Acq: 08 Oct 2019 16:17

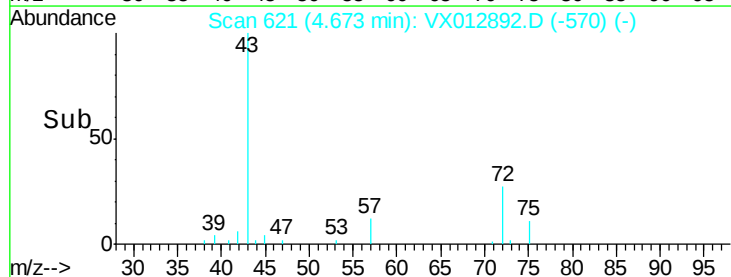
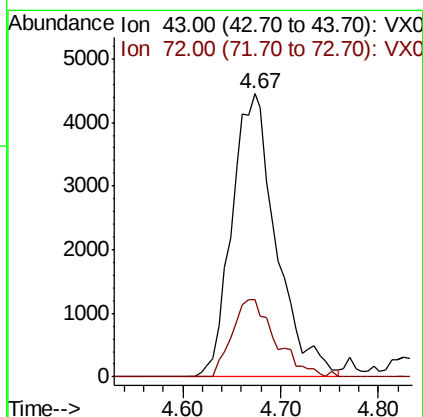
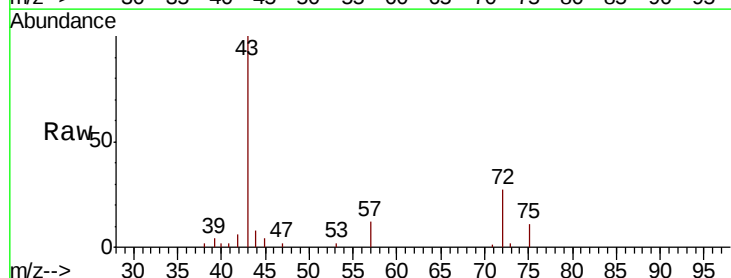
Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ5-ER1

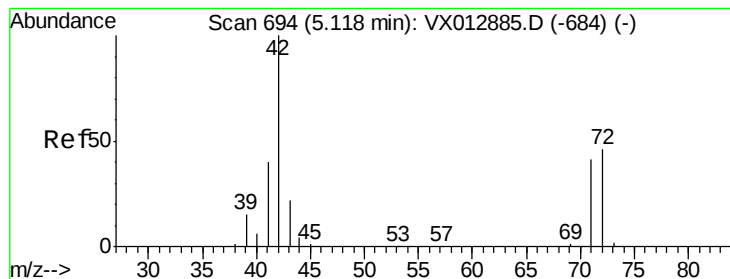
Tot Ion: 76 Resp: 1477
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#25
2-Butanone
Concen: 8.524 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX012892.D
Acq: 08 Oct 2019 16:17

Tgt Ion: 43 Resp: 14020
Ion Ratio Lower Upper
43 100
72 27.1 21.0 31.6





#29

Tetrahydrofuran

Concen: 17.182 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX012892.D

Acq: 08 Oct 2019 16:17

Instrument :

MSVOA_X

ClientSampled :

FA19-GMZ5-ER1

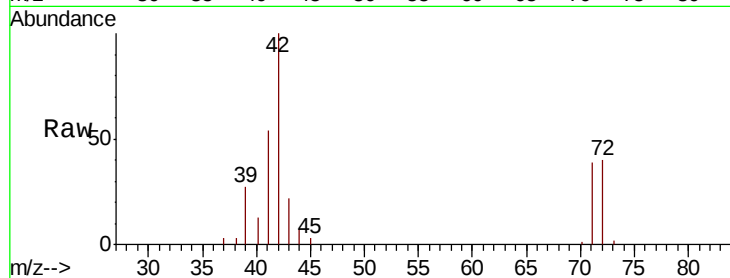
Tot Ion: 42 Resp: 17391

Ion Ratio Lower Upper

42 100

72 43.1 36.9 55.3

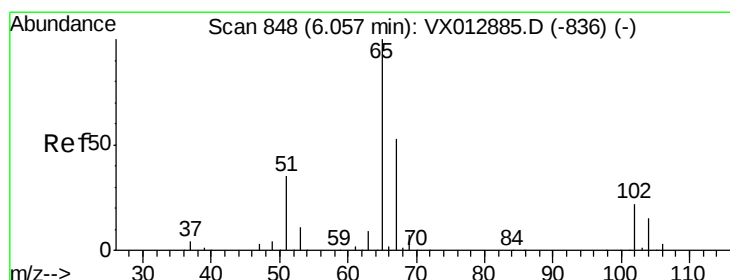
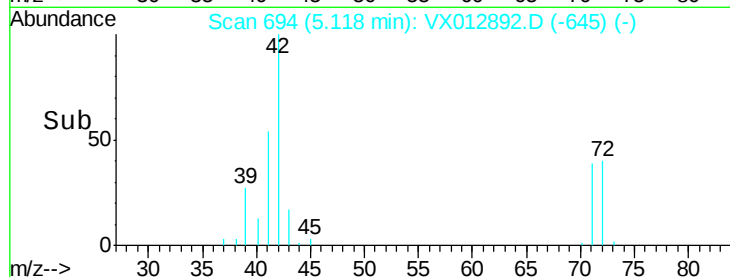
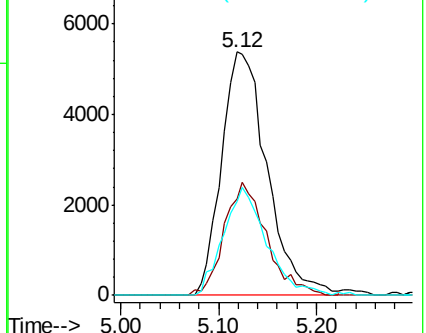
71 42.0 33.5 50.3



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: 51.338 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX012892.D

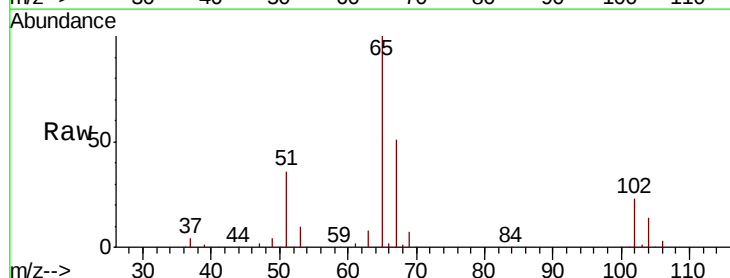
Acq: 08 Oct 2019 16:17

Tgt Ion: 65 Resp: 115474

Ion Ratio Lower Upper

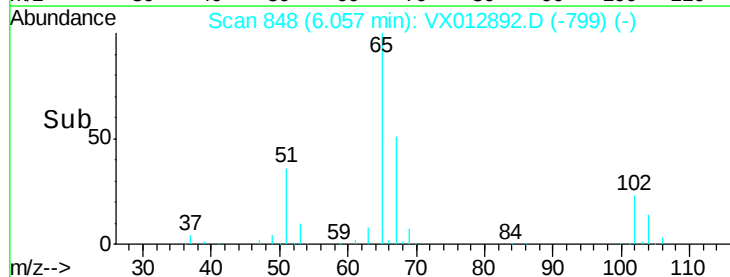
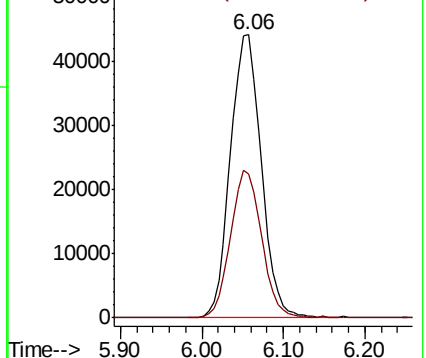
65 100

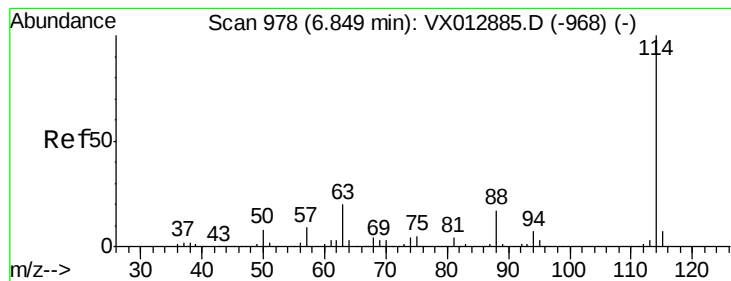
67 52.3 0.0 104.4



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# 978

Delta R.T. 0.00 min

Lab File: VX012892.D

Acq: 08 Oct 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

FA19-GMZ5-ER1

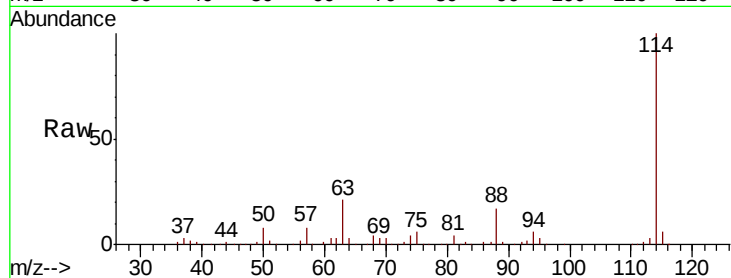
Tot Ion:114 Resp: 304034

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

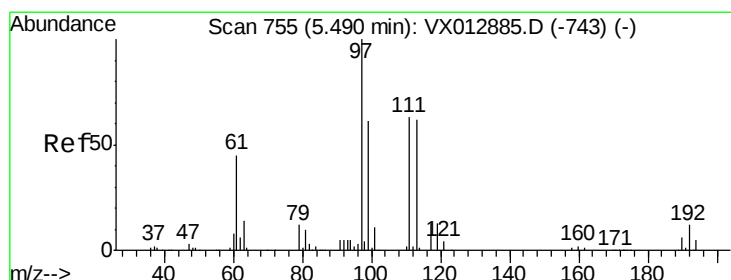
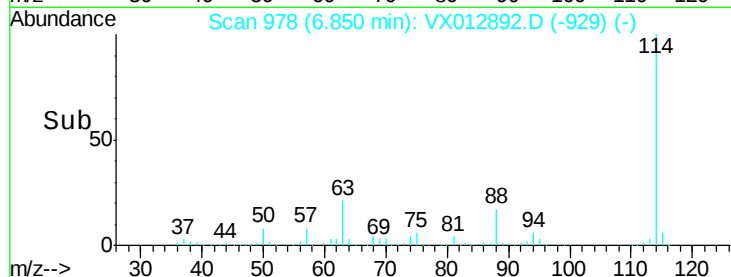
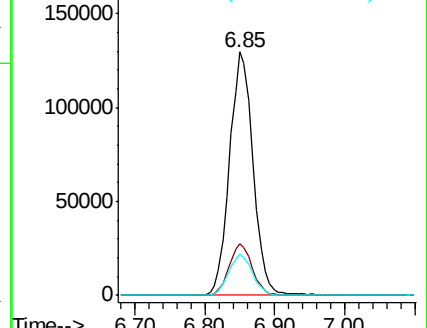
88 16.7 0.0 33.8



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: 51.573 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012892.D

Acq: 08 Oct 2019 16:17

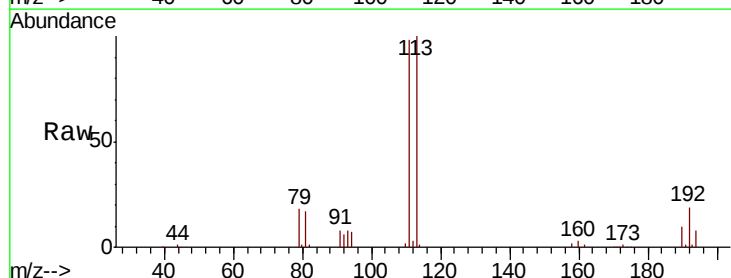
Tgt Ion:113 Resp: 89994

Ion Ratio Lower Upper

113 100

111 101.1 83.2 124.8

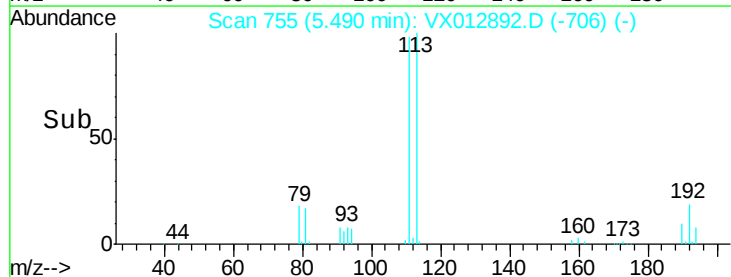
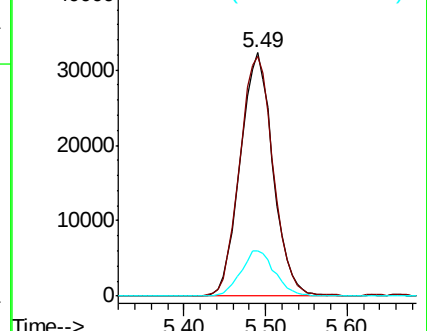
192 19.2 15.4 23.2

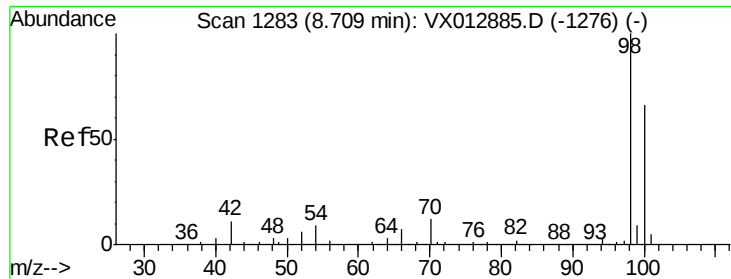


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

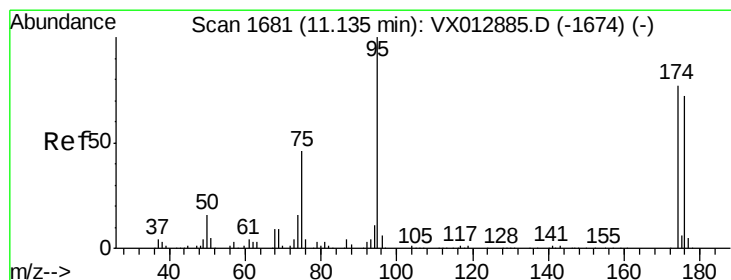
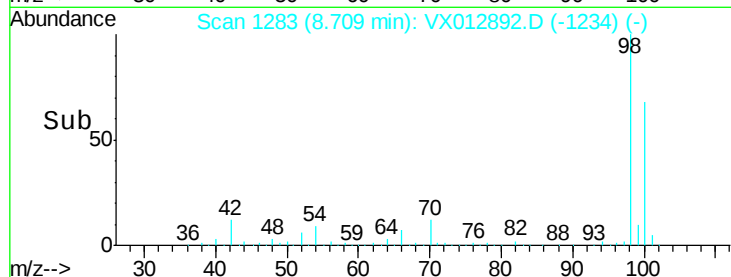
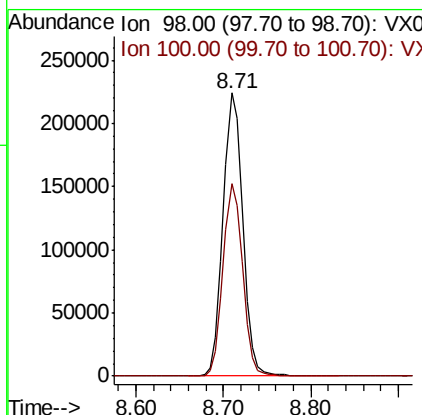
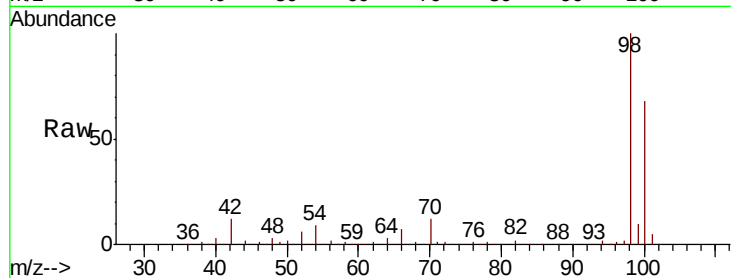




#50
Toluene-d8
Concen: 51.636 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012892.D
Acq: 08 Oct 2019 16:17

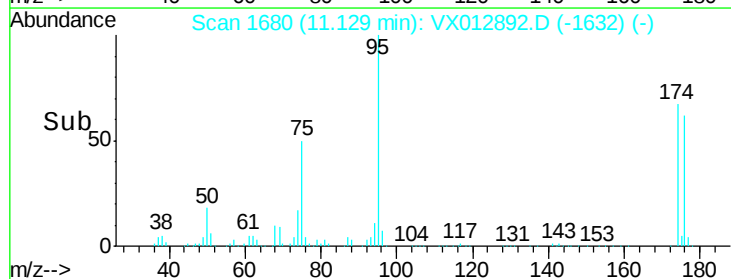
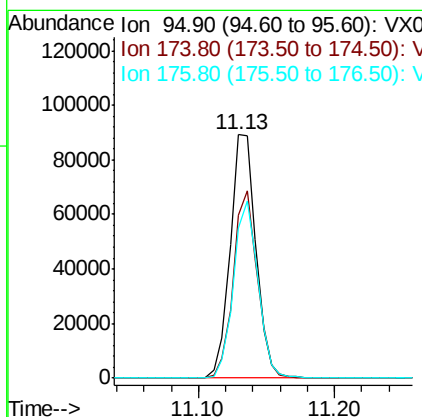
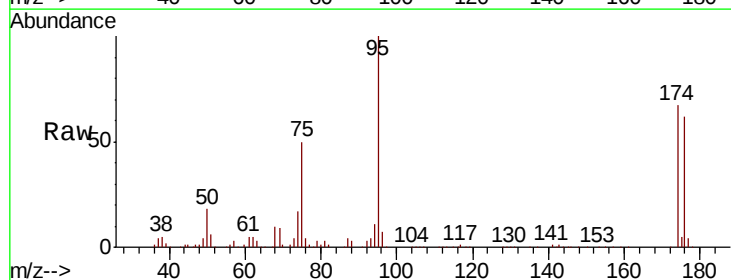
Instrument :
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FA19-GMZ5-ER1

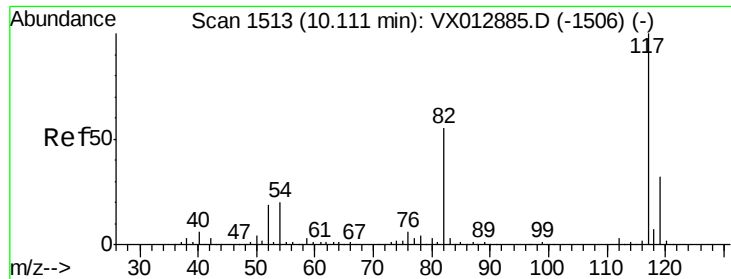
Tot Ion: 98 Resp: 351432
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 44.397 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012892.D
Acq: 08 Oct 2019 16:17

Tgt Ion: 95 Resp: 117408
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.4
176 69.5 0.0 136.0

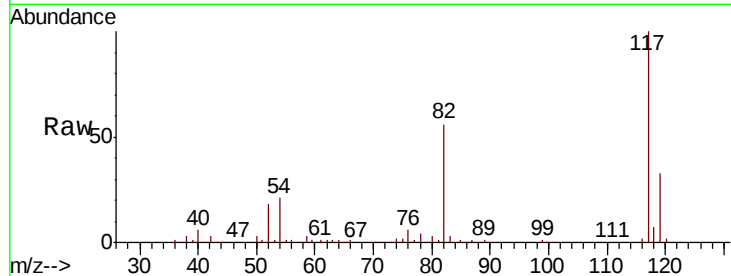




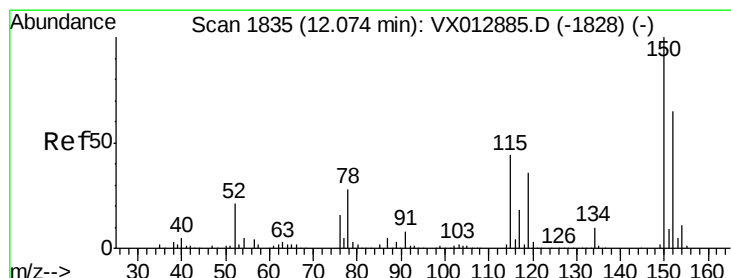
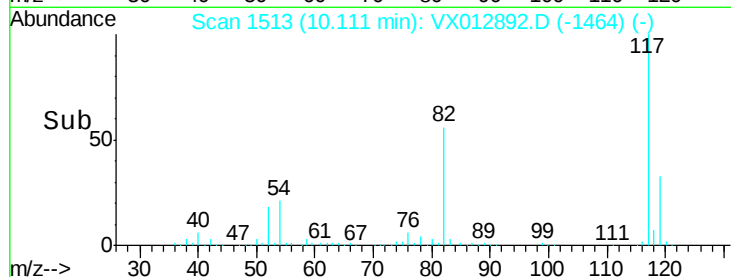
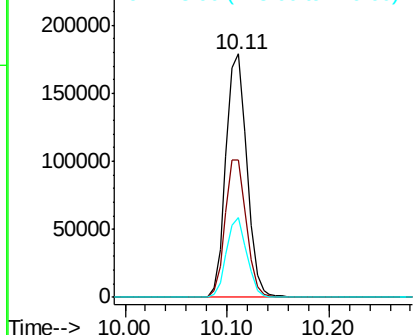
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012892.D
Acq: 08 Oct 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ5-ER1

Tot Ion:117 Resp: 254813
Ion Ratio Lower Upper
117 100
82 56.4 44.1 66.1
119 32.6 25.8 38.8

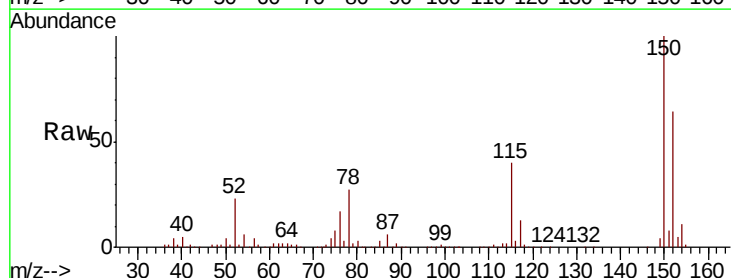


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

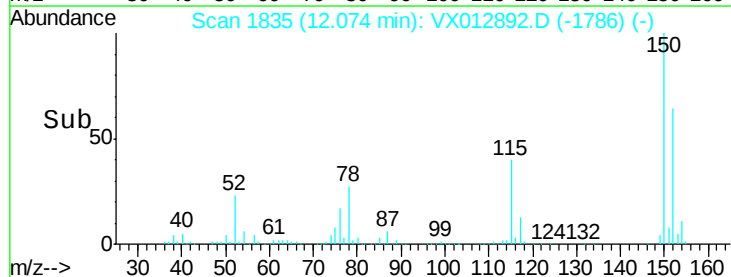
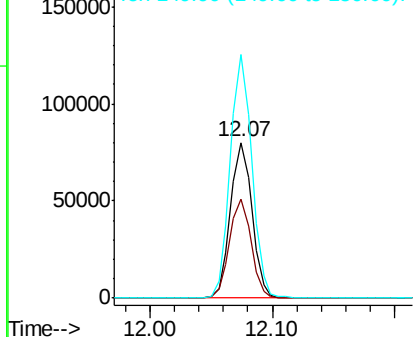


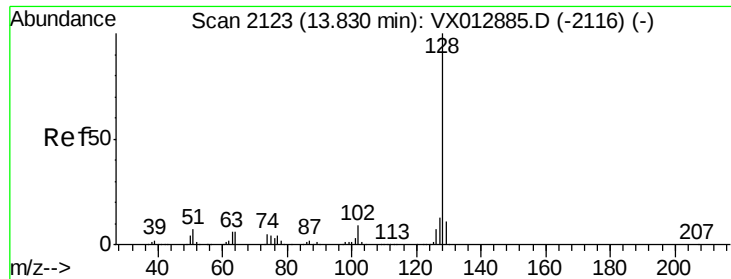
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012892.D
Acq: 08 Oct 2019 16:17

Tgt Ion:152 Resp: 96642
Ion Ratio Lower Upper
152 100
115 64.3 44.5 133.5
150 157.7 0.0 353.4



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

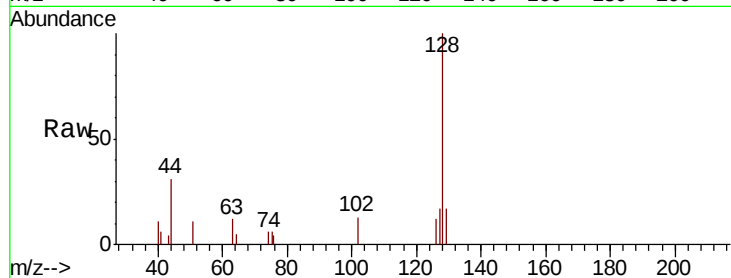




#95
Naphthalene
Concen: 0.317 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012892.D
Acq: 08 Oct 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ5-ER1

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.8	10.2	15.4#
129	13.1	8.8	13.2



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

