

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012869.D
 Acq On : 08 Oct 2019 04:26
 Operator : JC/SP
 Sample : K5216-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0542

Quant Time: Oct 08 13:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

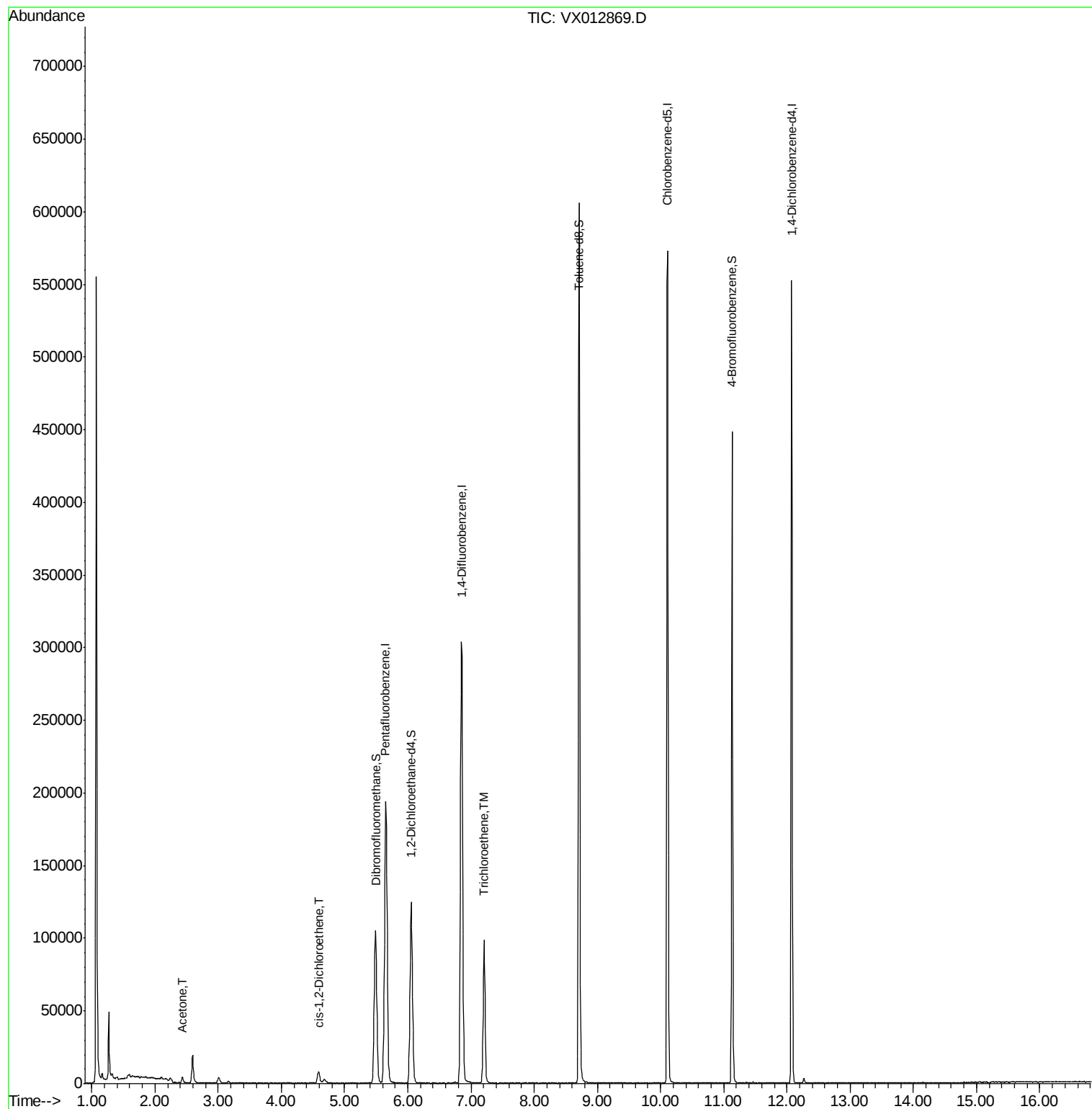
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120678	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
35) Dibromofluoromethane	5.48	113	91622	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	8.71	98	360843	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	125508	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
Target Compounds						
16) Acetone	2.44	43	4089	2.928	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	5217	2.085	ug/l	80
44) Trichloroethene	7.21	130	37844	17.052	ug/l	93

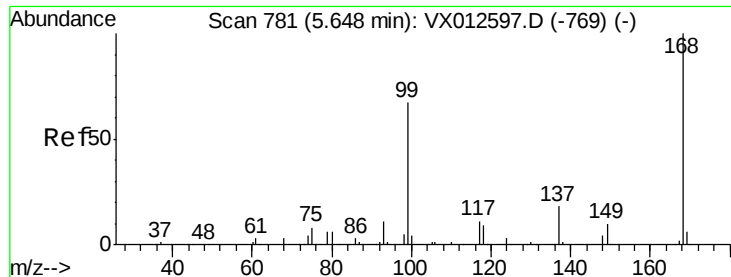
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012869.D

Acq: 08 Oct 2019 04:26

Instrument :

MSVOA_X

ClientSampleId :

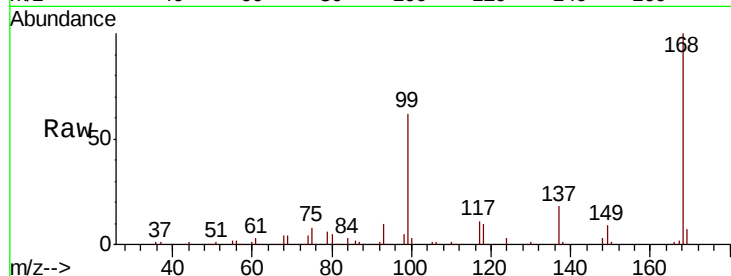
S49-0542

Tot Ion:168 Resp: 181068

Ion Ratio Lower Upper

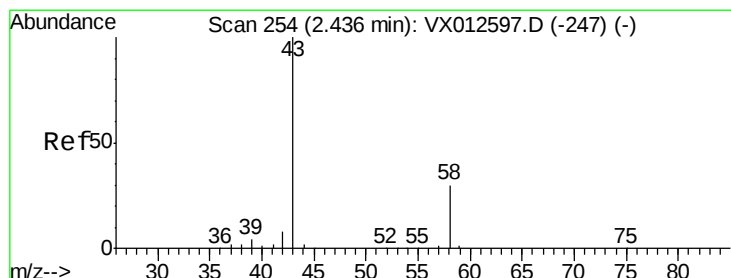
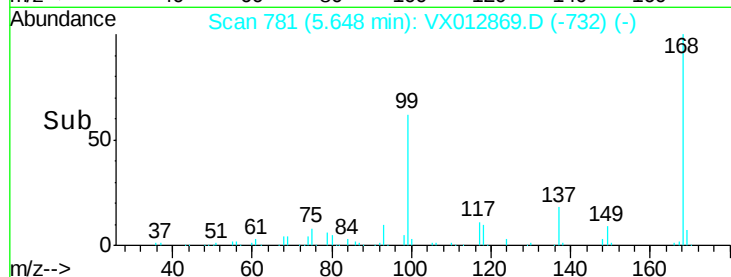
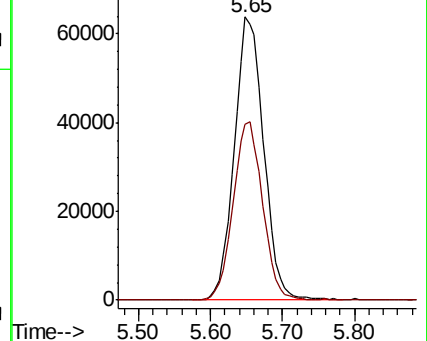
168 100

99 62.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.928 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012869.D

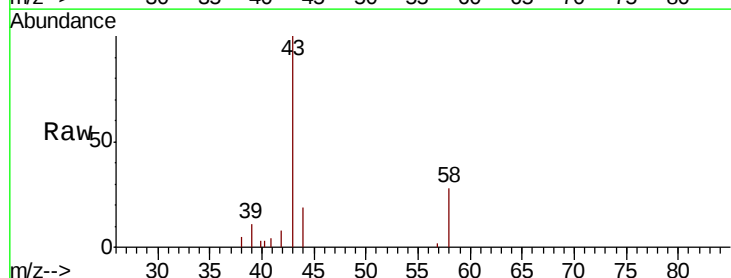
Acq: 08 Oct 2019 04:26

Tgt Ion: 43 Resp: 4089

Ion Ratio Lower Upper

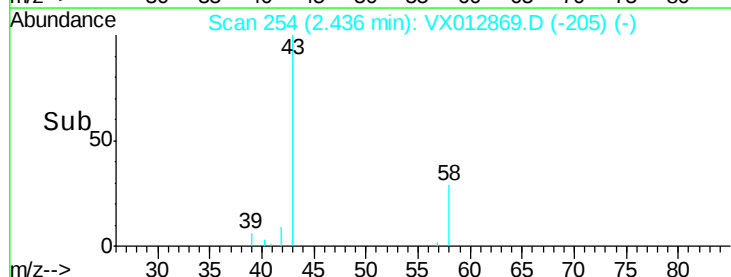
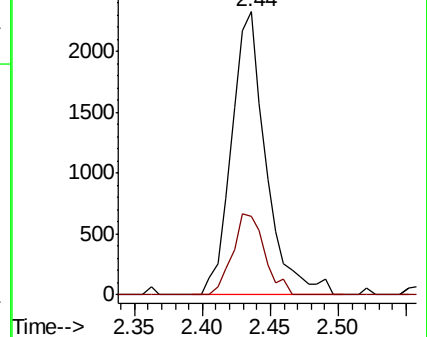
43 100

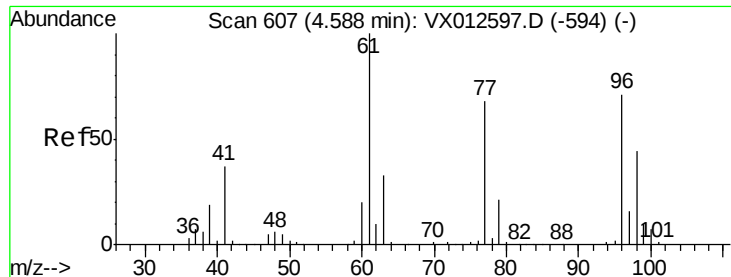
58 28.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



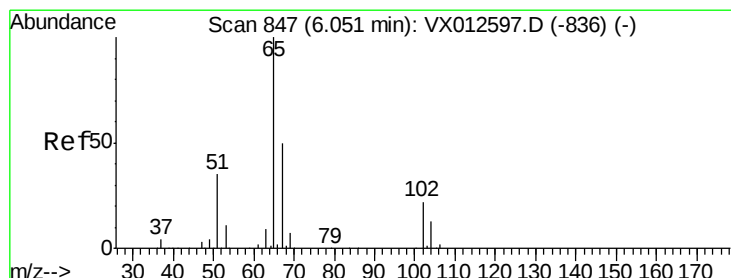
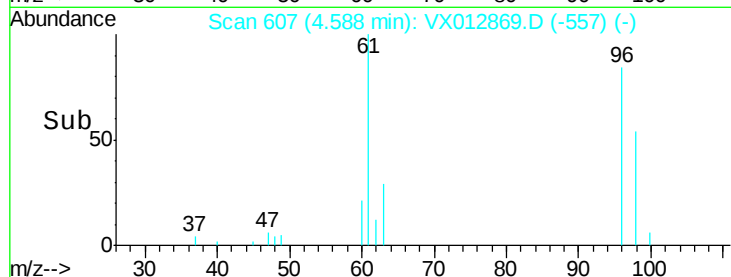
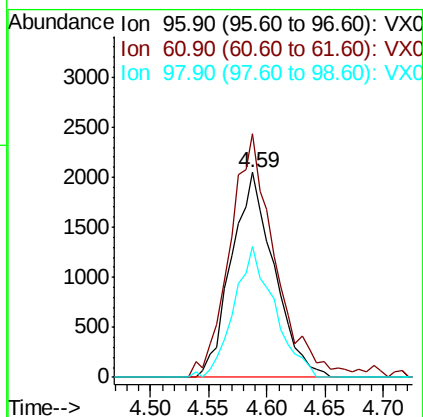
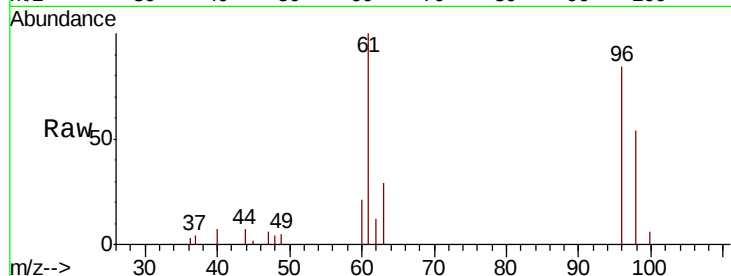


#27

cis-1,2-Dichloroethene
 Concen: 2.085 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012869.D
 Acq: 08 Oct 2019 04:26

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0542

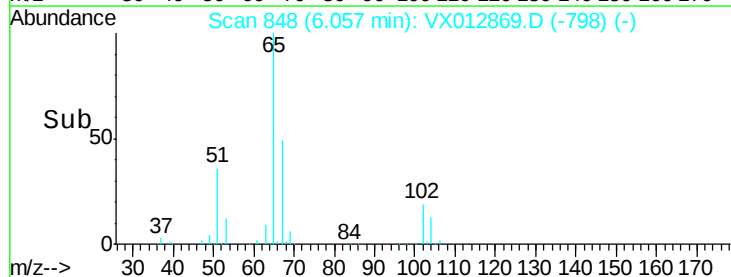
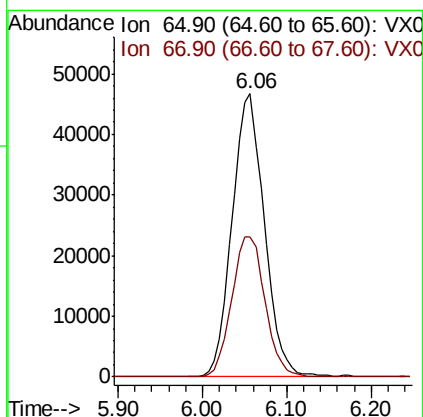
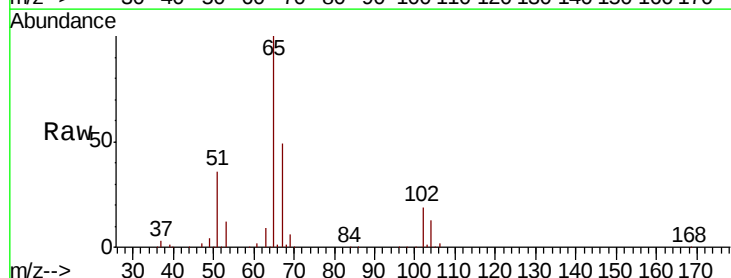
Tot Ion: 96 Resp: 5217
 Ion Ratio Lower Upper
 96 100
 61 125.8 0.0 319.4
 98 60.5 0.0 130.6

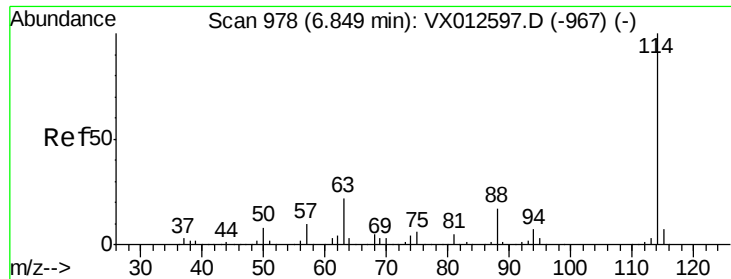


#33

1,2-Dichloroethane-d4
 Concen: 45.769 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012869.D
 Acq: 08 Oct 2019 04:26

Tgt Ion: 65 Resp: 120678
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.2

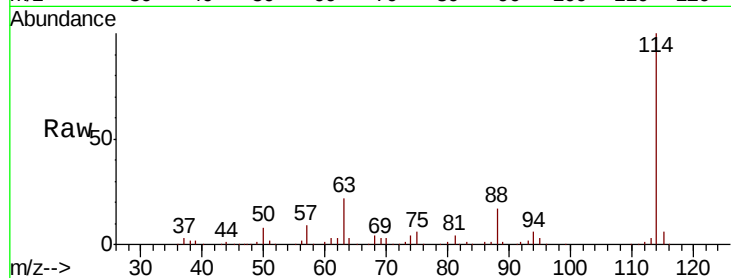




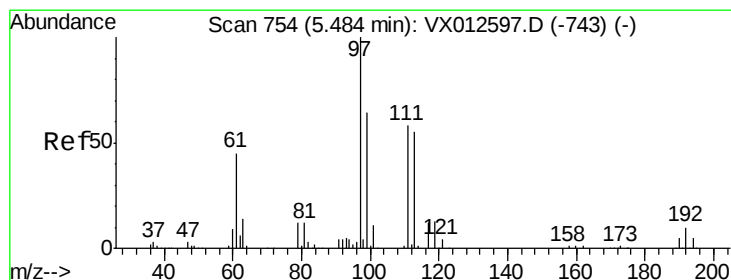
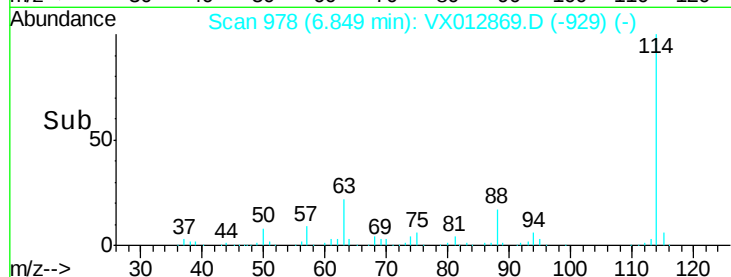
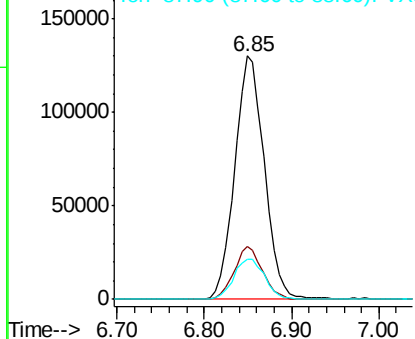
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012869.D
 Acq: 08 Oct 2019 04:26

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0542

Tot Ion:114 Resp: 306111
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.5 0.0 33.2

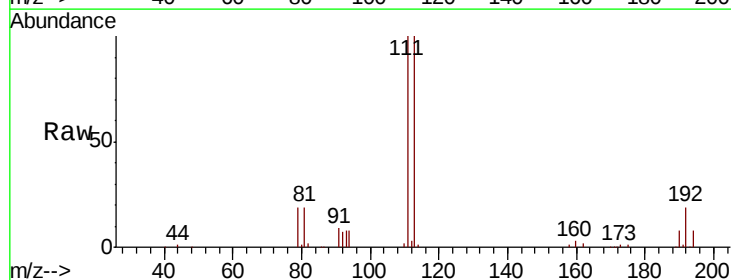


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

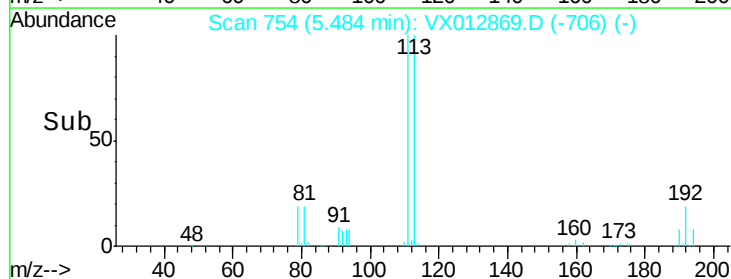
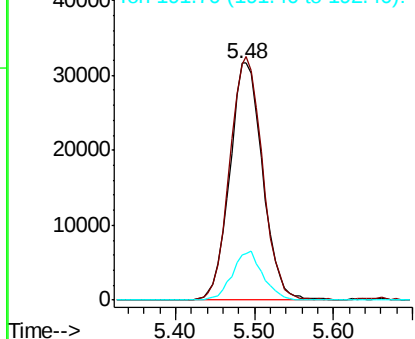


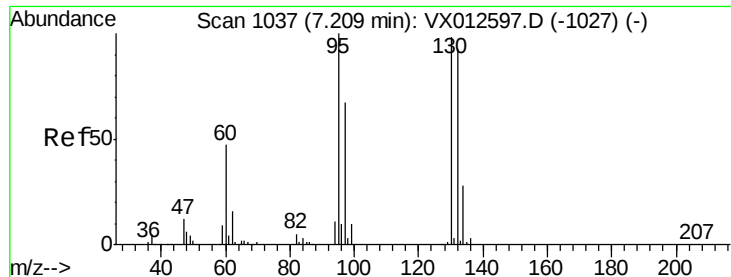
#35
 Dibromofluoromethane
 Concen: 50.258 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012869.D
 Acq: 08 Oct 2019 04:26

Tgt Ion:113 Resp: 91622
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.2
 192 19.2 14.4 21.6



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





#44

Trichloroethene

Concen: 17.052 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012869.D

Acq: 08 Oct 2019 04:26

Instrument :

MSVOA_X

ClientSampleId :

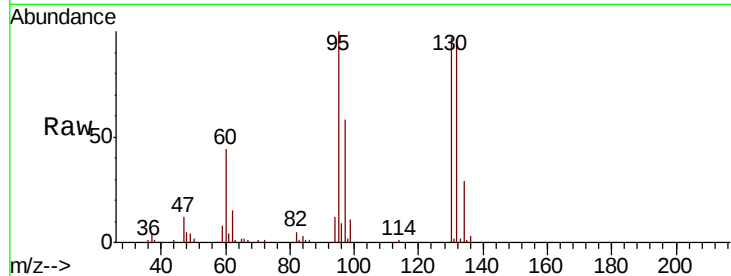
S49-0542

Tot Ion:130 Resp: 37844

Ion Ratio Lower Upper

130 100

95 103.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

20000

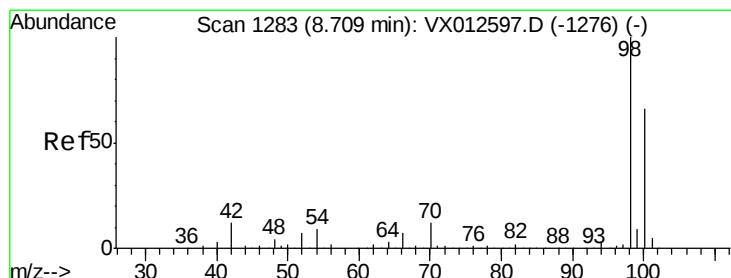
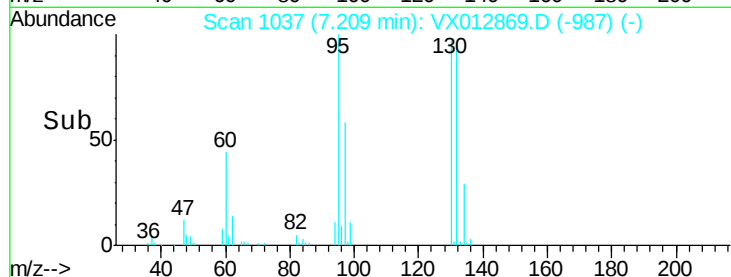
15000

10000

5000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 51.398 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012869.D

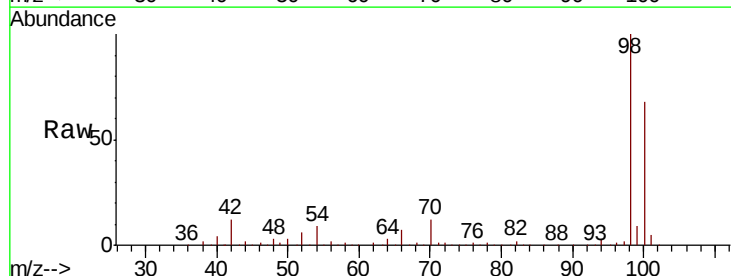
Acq: 08 Oct 2019 04:26

Tgt Ion: 98 Resp: 360843

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

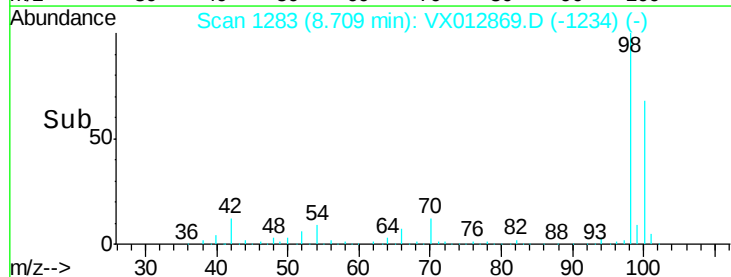
150000

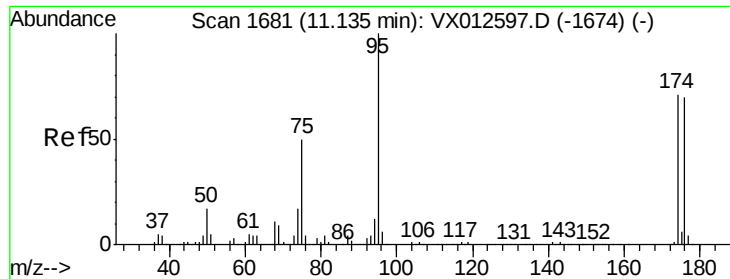
100000

50000

0

Time--> 8.60 8.70 8.80

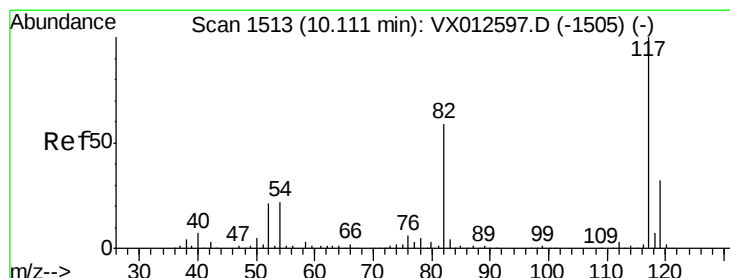
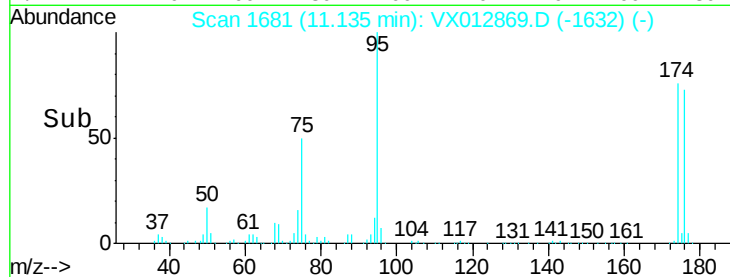
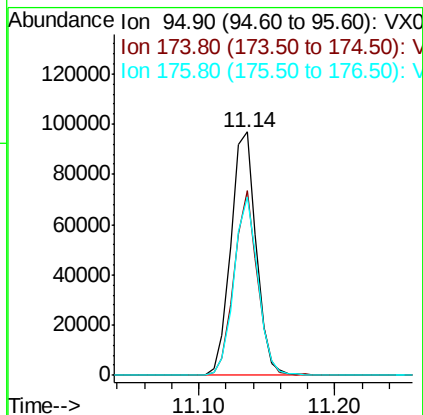
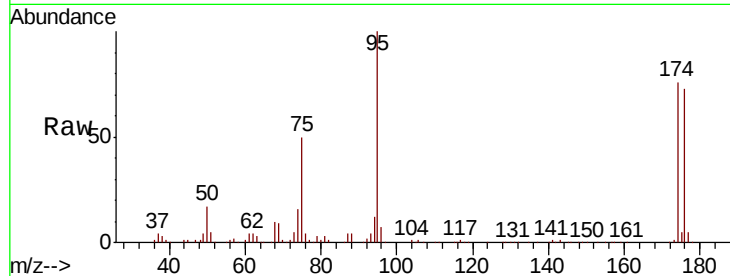




#62
4-Bromofluorobenzene
Concen: 45.465 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012869.D
Acq: 08 Oct 2019 04:26

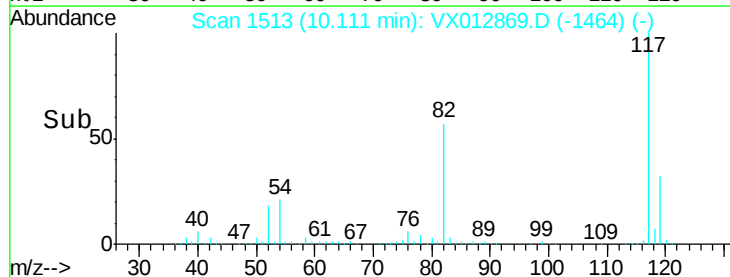
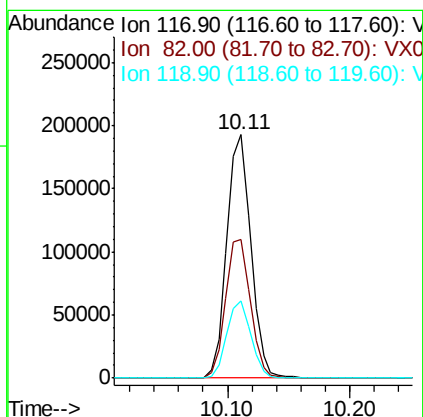
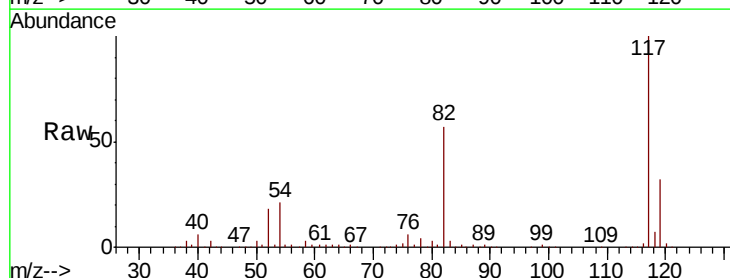
Instrument :
MSVOA_X
ClientSampleId :
S49-0542

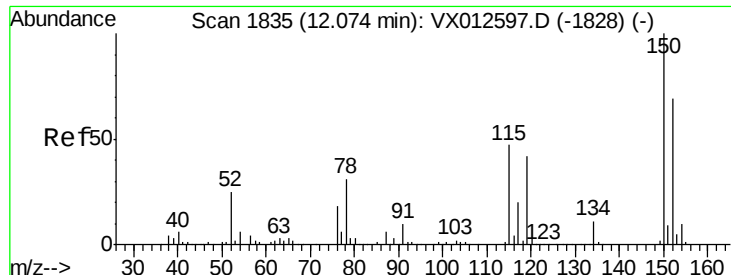
Tot Ion: 95 Resp: 125508
Ion Ratio Lower Upper
95 100
174 70.1 0.0 140.0
176 69.5 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012869.D
Acq: 08 Oct 2019 04:26

Tgt Ion: 117 Resp: 262873
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 31.8 25.3 37.9

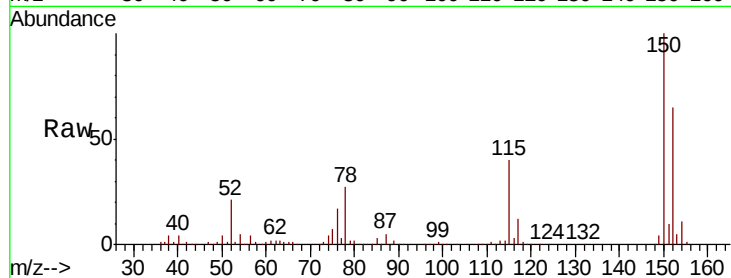




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012869.D
 Acq: 08 Oct 2019 04:26

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0542

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.1	132.3
150	156.5	0.0	343.8



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

