

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012770.D
 Acq On : 02 Oct 2019 19:33
 Operator : JC/SP
 Sample : K5157-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0543

Quant Time: Oct 03 04:24:48 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

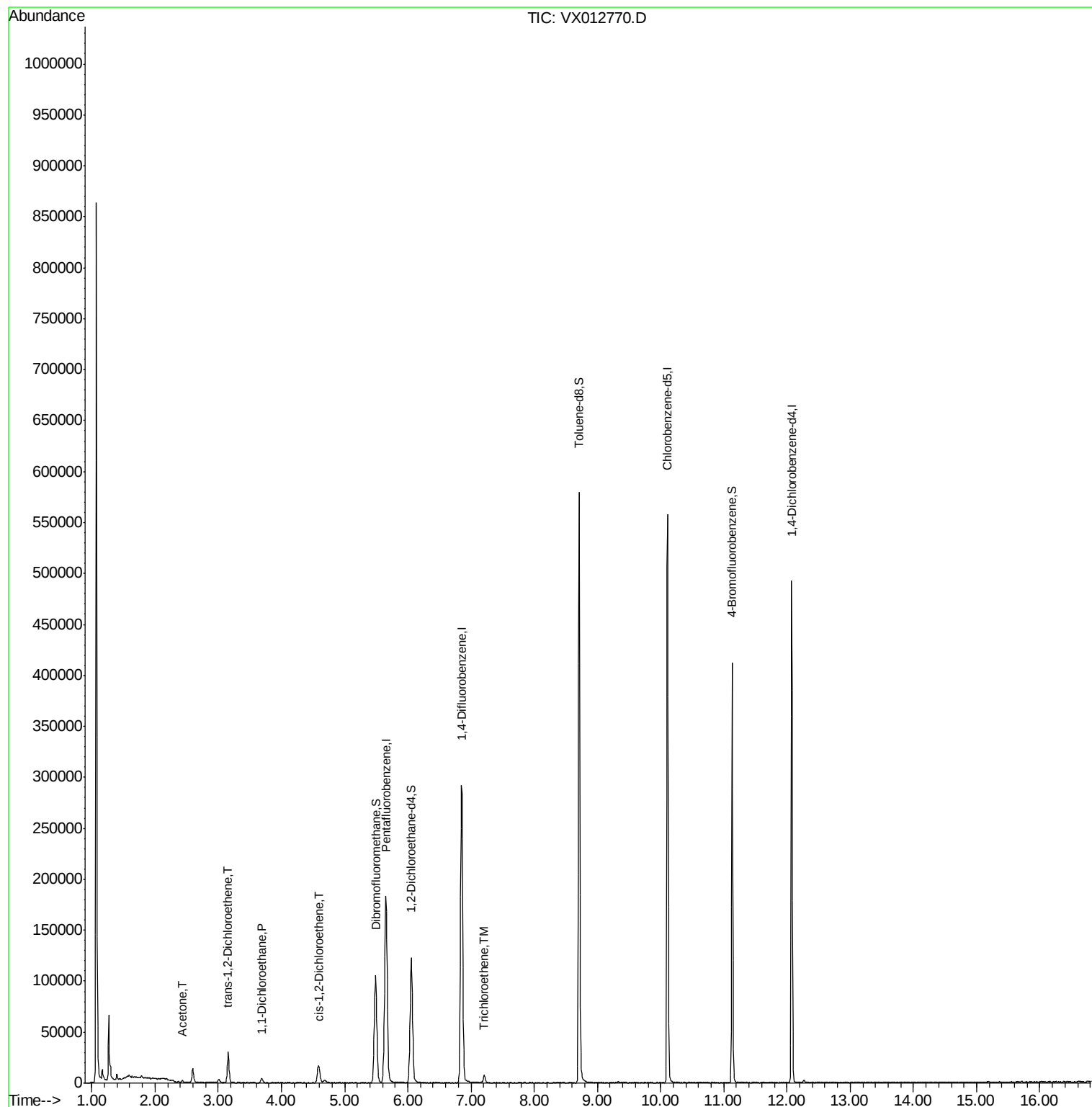
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117464	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	5.49	113	90145	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
50) Toluene-d8	8.71	98	347141	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.13	95	114846	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
Target Compounds						
16) Acetone	2.43	43	1956	1.512	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	11856	5.936	ug/l	96
24) 1,1-Dichloroethane	3.69	63	4394	1.170	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	10521	4.540	ug/l	86
44) Trichloroethene	7.21	130	3191	1.509	ug/l	92

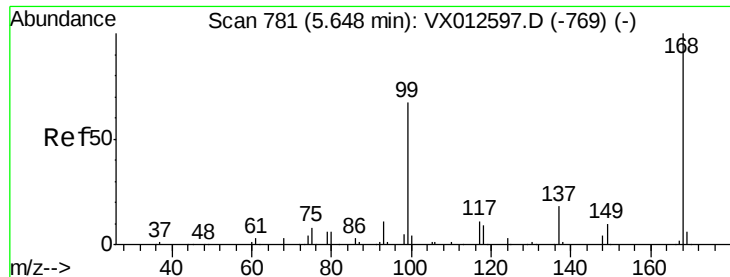
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 04:24:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012770.D

Acq: 02 Oct 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

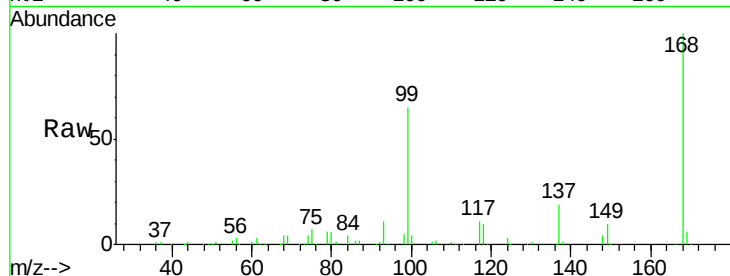
S49-0543

Tot Ion:168 Resp: 167668

Ion Ratio Lower Upper

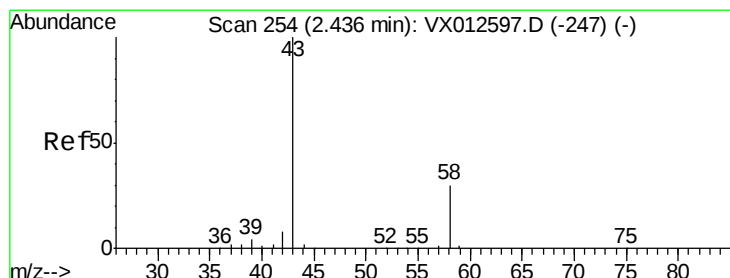
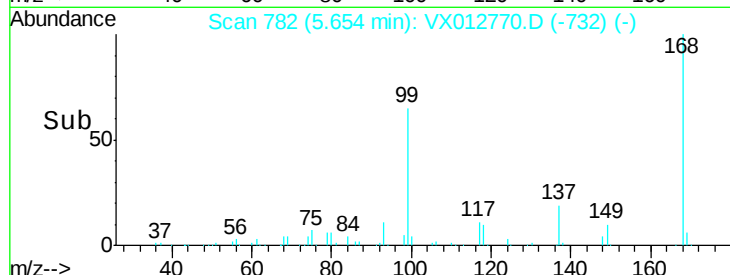
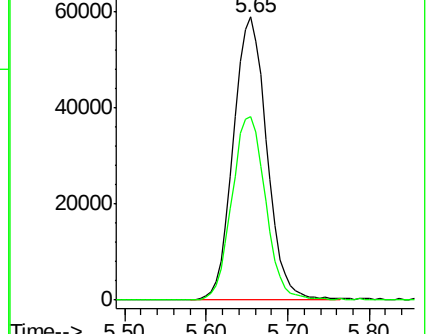
168 100

99 64.9 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: 1.512 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012770.D

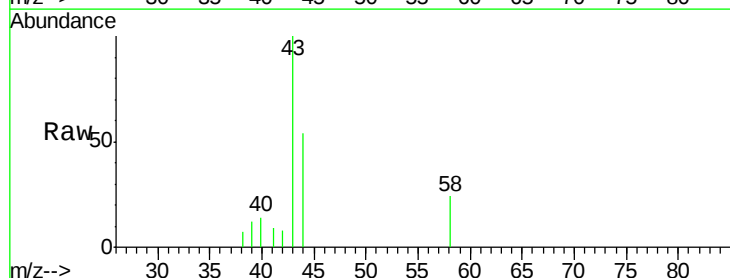
Acq: 02 Oct 2019 19:33

Tgt Ion: 43 Resp: 1956

Ion Ratio Lower Upper

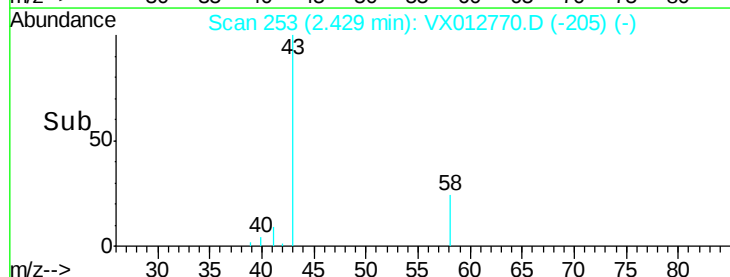
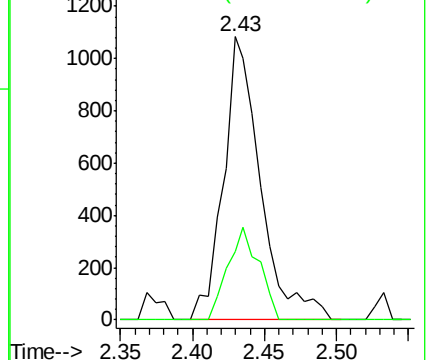
43 100

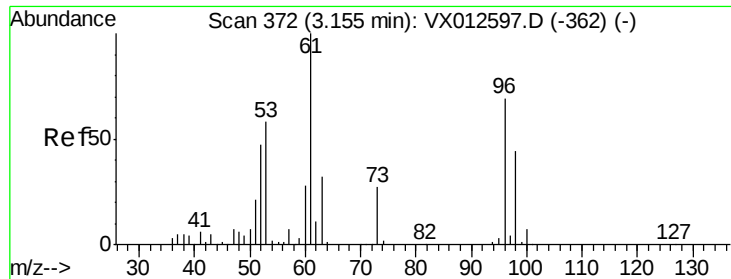
58 24.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 5.936 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012770.D

Acq: 02 Oct 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

S49-0543

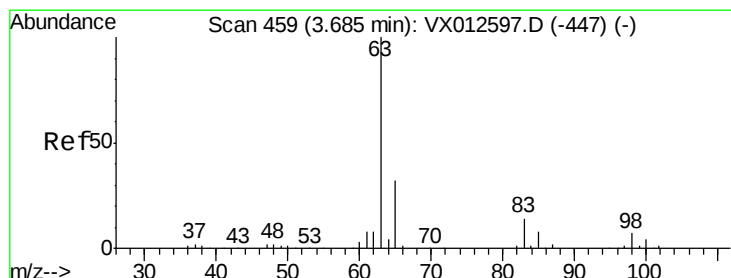
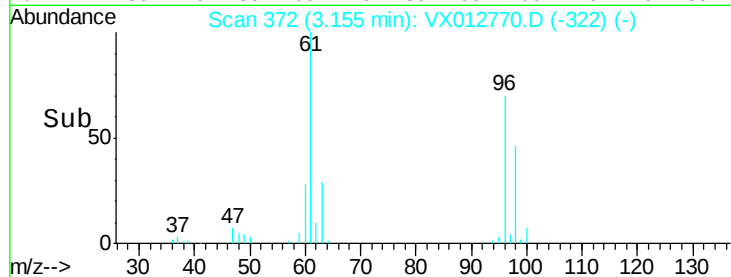
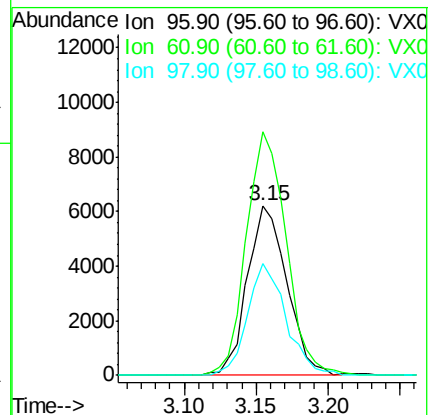
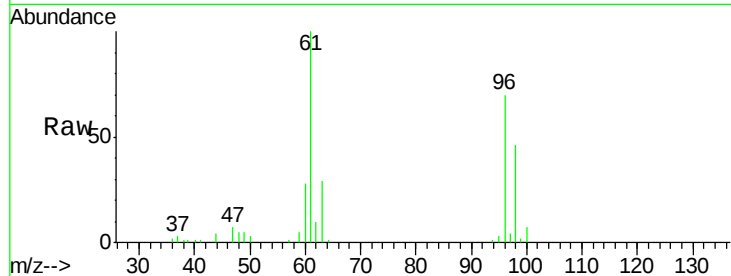
Tot Ion: 96 Resp: 11856

Ion Ratio Lower Upper

96 100

61 143.3 112.0 168.0

98 65.8 47.8 71.8



#24

1,1-Dichloroethane

Concen: 1.170 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012770.D

Acq: 02 Oct 2019 19:33

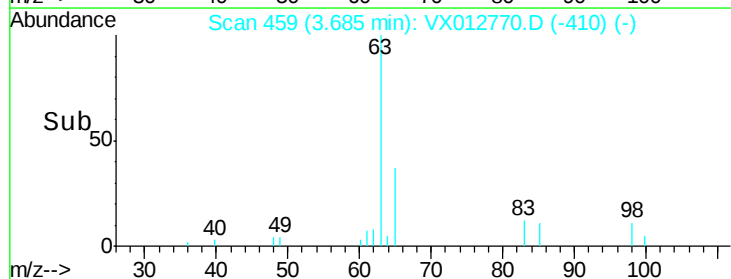
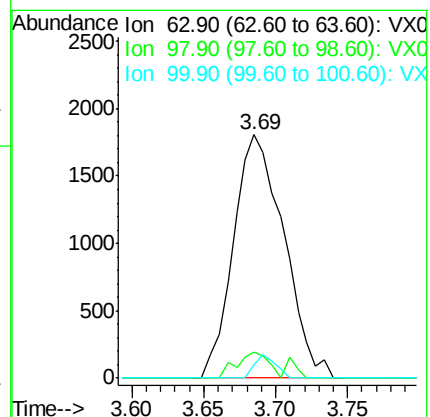
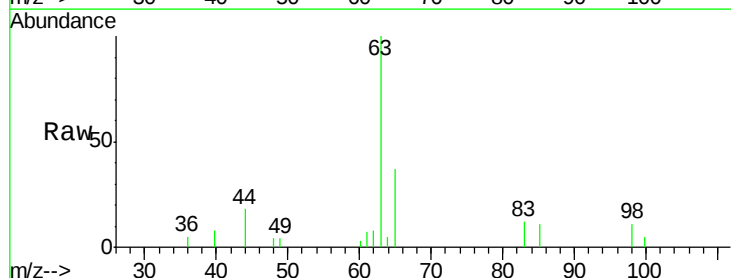
Tgt Ion: 63 Resp: 4394

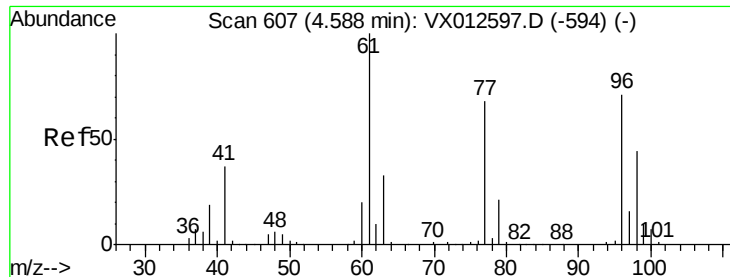
Ion Ratio Lower Upper

63 100

98 10.9 3.9 11.7

100 5.3 2.3 6.9





#27

cis-1,2-Dichloroethene

Concen: 4.540 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX012770.D

Acq: 02 Oct 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

S49-0543

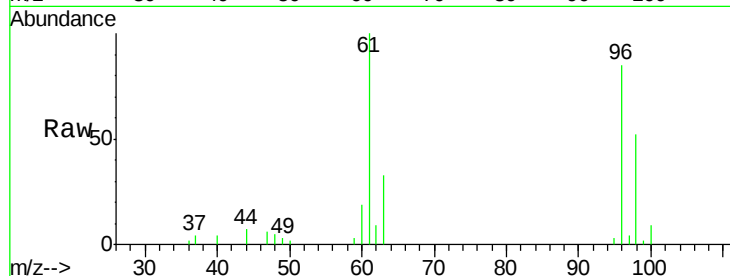
Tot Ion: 96 Resp: 10521

Ion Ratio Lower Upper

96 100

61 134.9 0.0 319.4

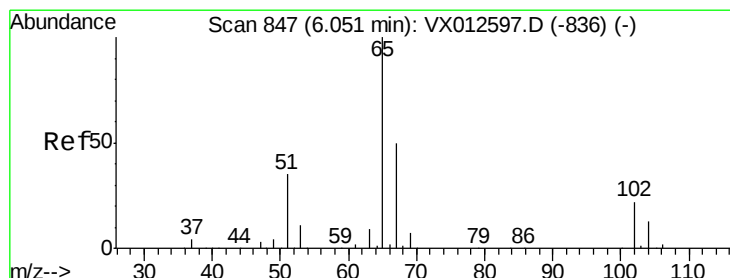
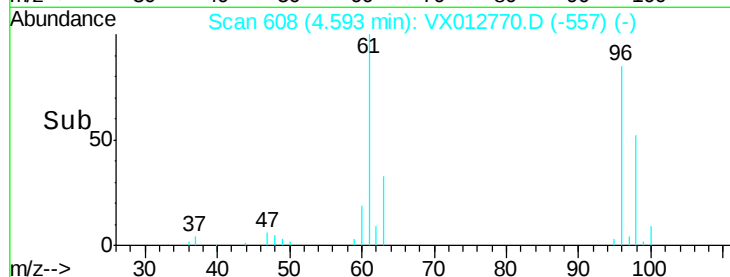
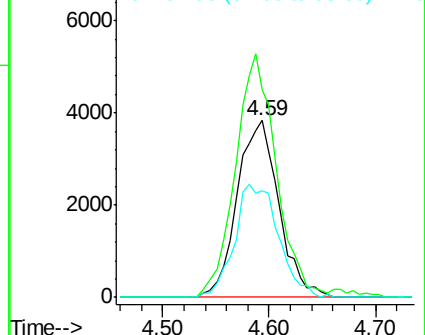
98 67.2 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.110 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012770.D

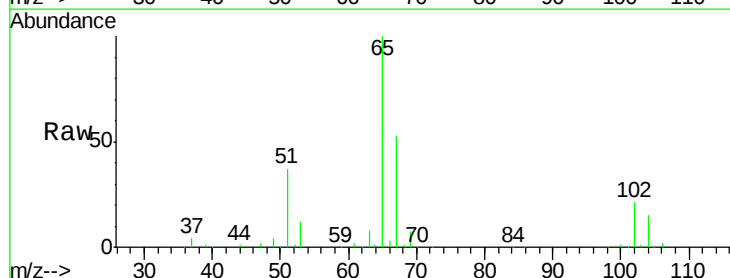
Acq: 02 Oct 2019 19:33

Tgt Ion: 65 Resp: 117464

Ion Ratio Lower Upper

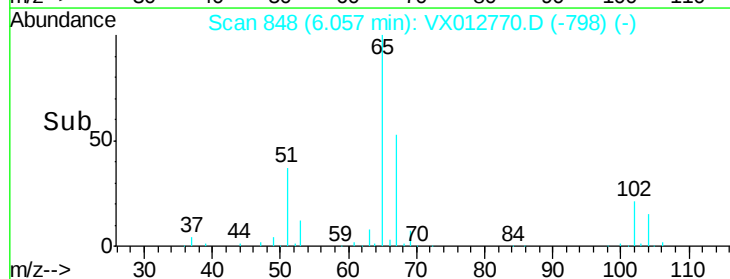
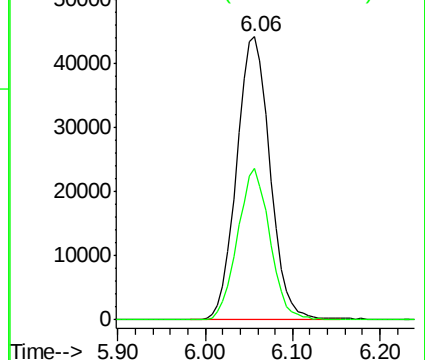
65 100

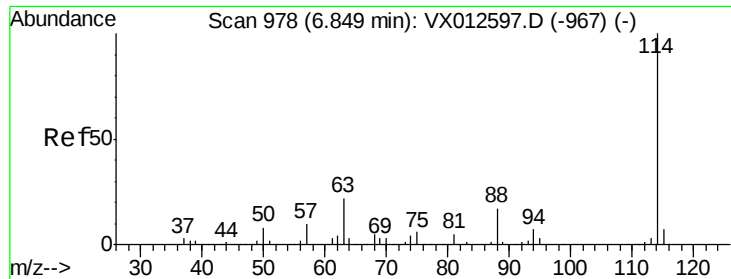
67 51.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

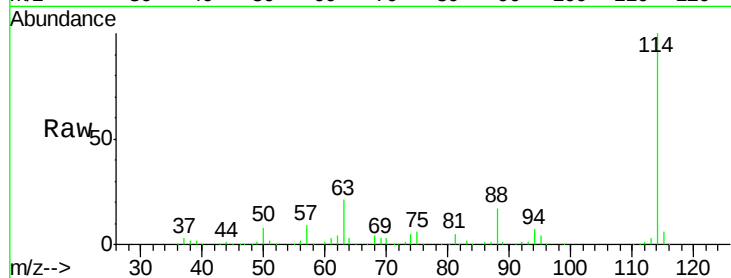




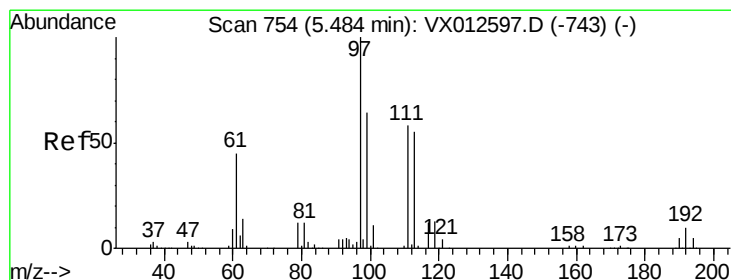
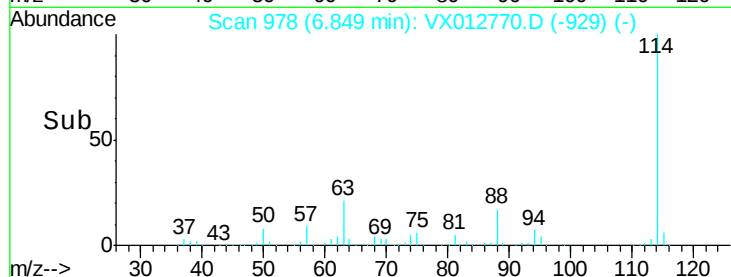
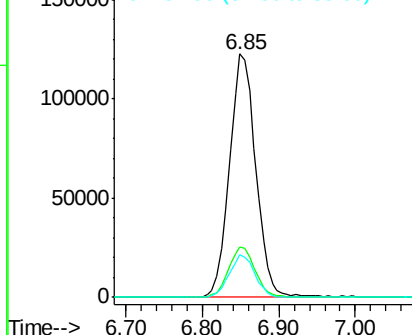
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012770.D
Acq: 02 Oct 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
S49-0543

Tot Ion:114 Resp: 291705
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 17.3 0.0 33.2

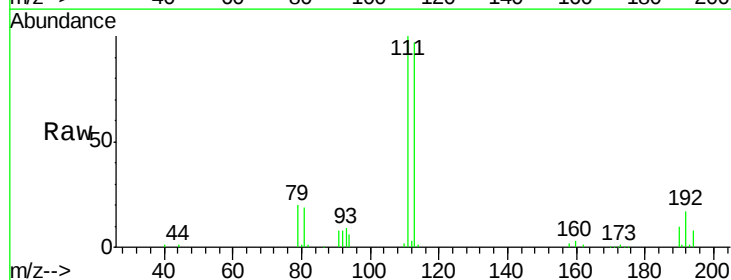


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

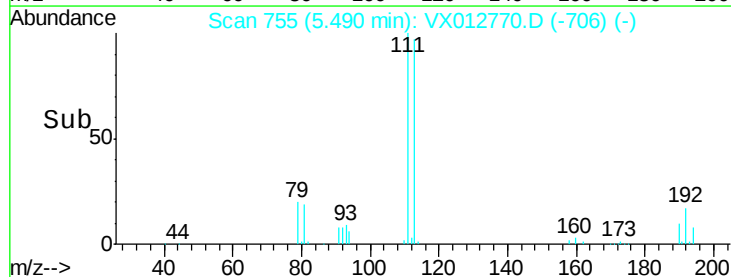
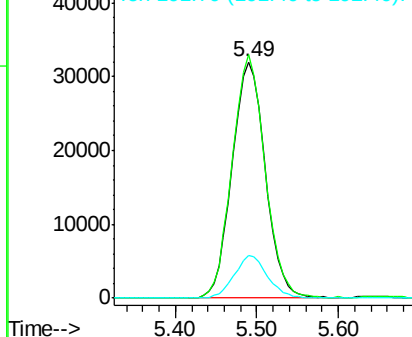


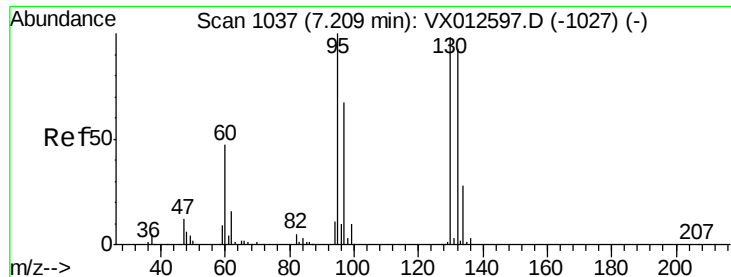
#35
Dibromofluoromethane
Concen: 51.890 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012770.D
Acq: 02 Oct 2019 19:33

Tgt Ion:113 Resp: 90145
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.2
192 17.9 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: 1.509 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012770.D

Acq: 02 Oct 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

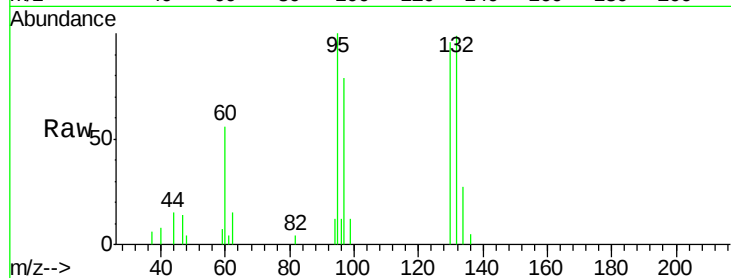
S49-0543

Tot Ion:130 Resp: 3191

Ion Ratio Lower Upper

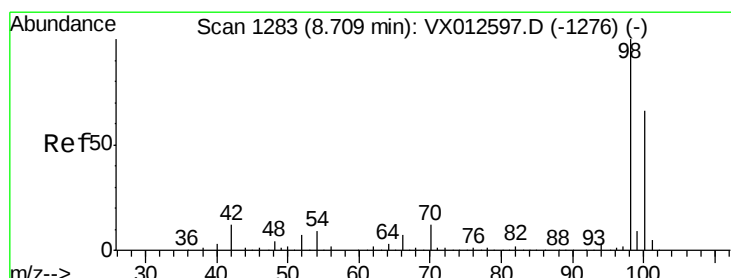
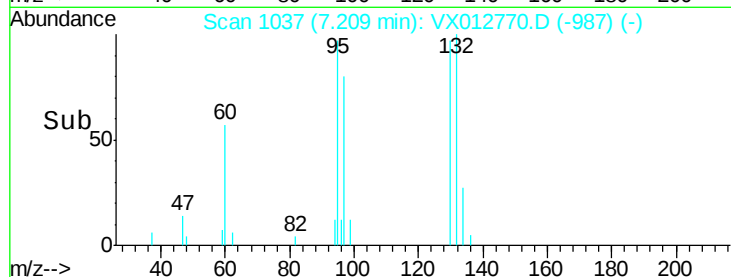
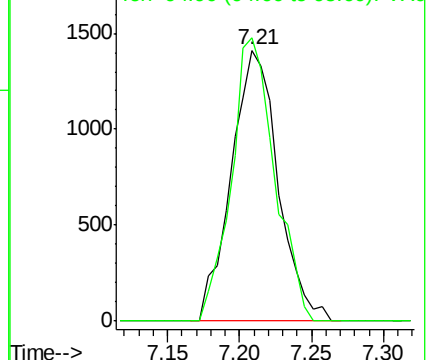
130 100

95 104.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.888 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012770.D

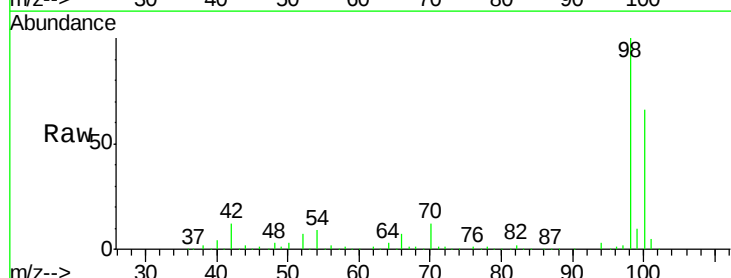
Acq: 02 Oct 2019 19:33

Tgt Ion: 98 Resp: 347141

Ion Ratio Lower Upper

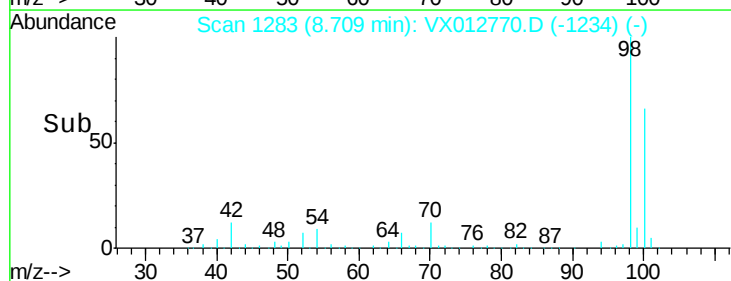
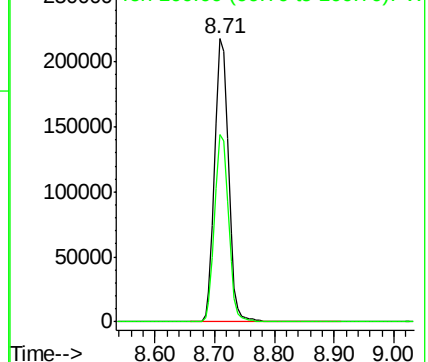
98 100

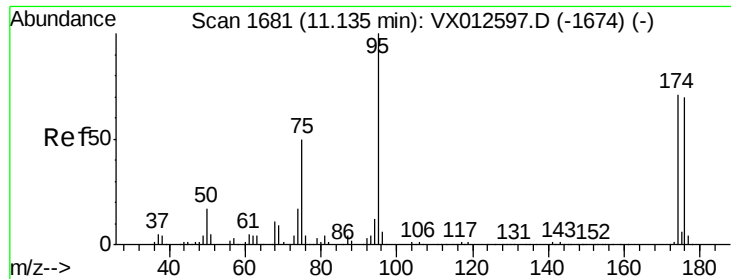
100 66.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

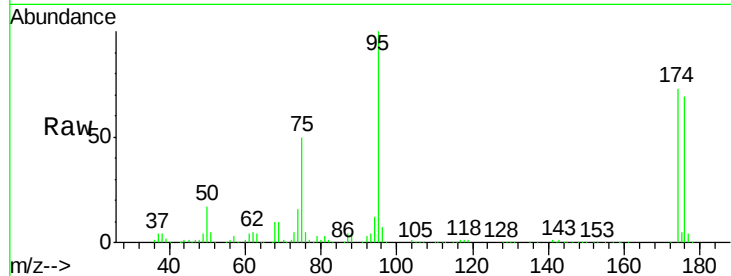




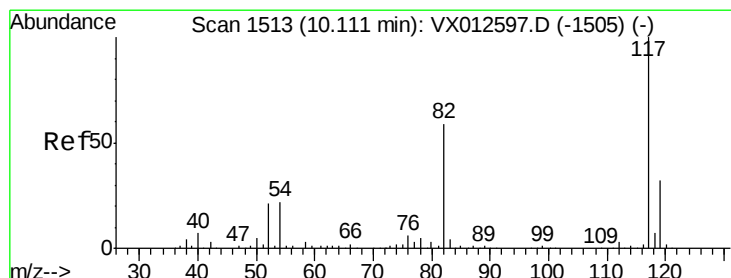
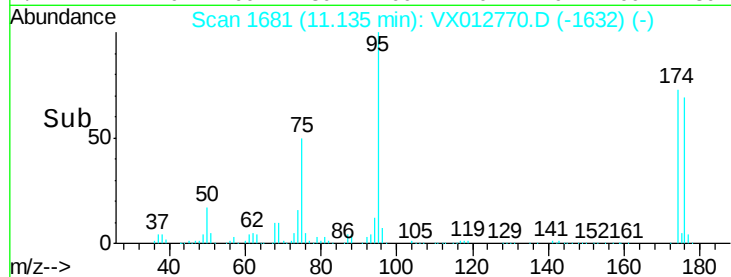
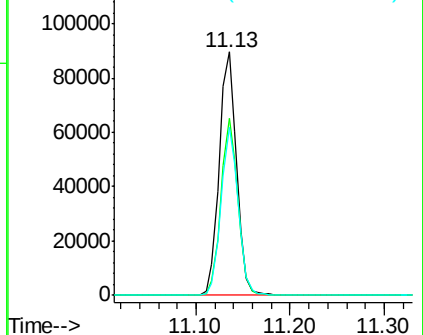
#62
4-Bromofluorobenzene
Concen: 43.658 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012770.D
Acq: 02 Oct 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
S49-0543

Tot Ion: 95 Resp: 114846
Ion Ratio Lower Upper
95 100
174 70.9 0.0 140.0
176 67.7 0.0 135.4

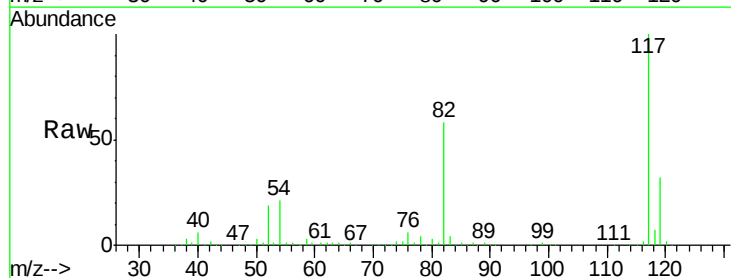


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

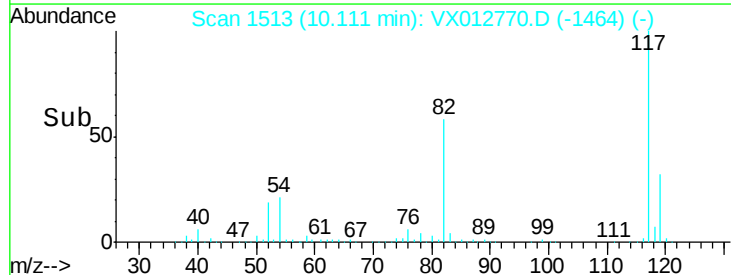
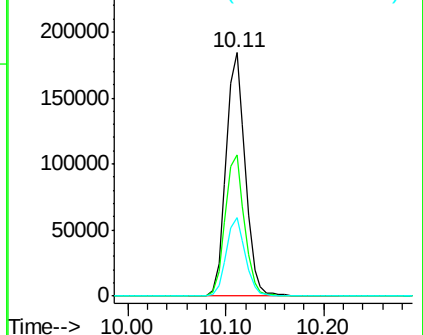


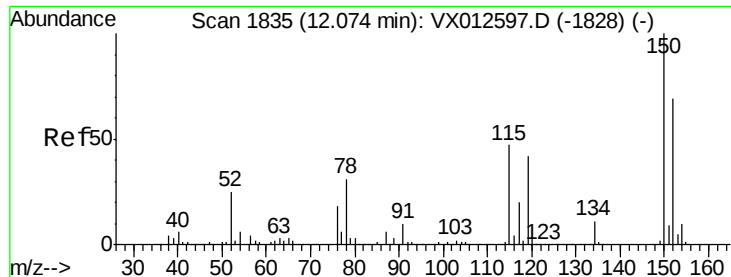
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012770.D
Acq: 02 Oct 2019 19:33

Tgt Ion: 117 Resp: 250741
Ion Ratio Lower Upper
117 100
82 58.2 45.9 68.9
119 32.5 25.3 37.9



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: VX012770.D

Acq: 02 Oct 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

S49-0543

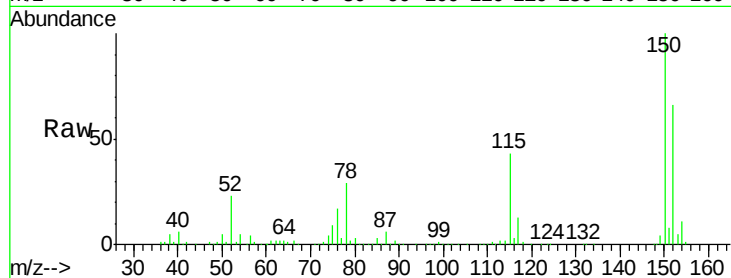
Tot Ion:152 Resp: 96960

Ion Ratio Lower Upper

152 100

115 62.8 44.1 132.3

150 155.3 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

