

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012772.D
 Acq On : 02 Oct 2019 20:20
 Operator : JC/SP
 Sample : K5157-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0536

Quant Time: Oct 03 04:33:51 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

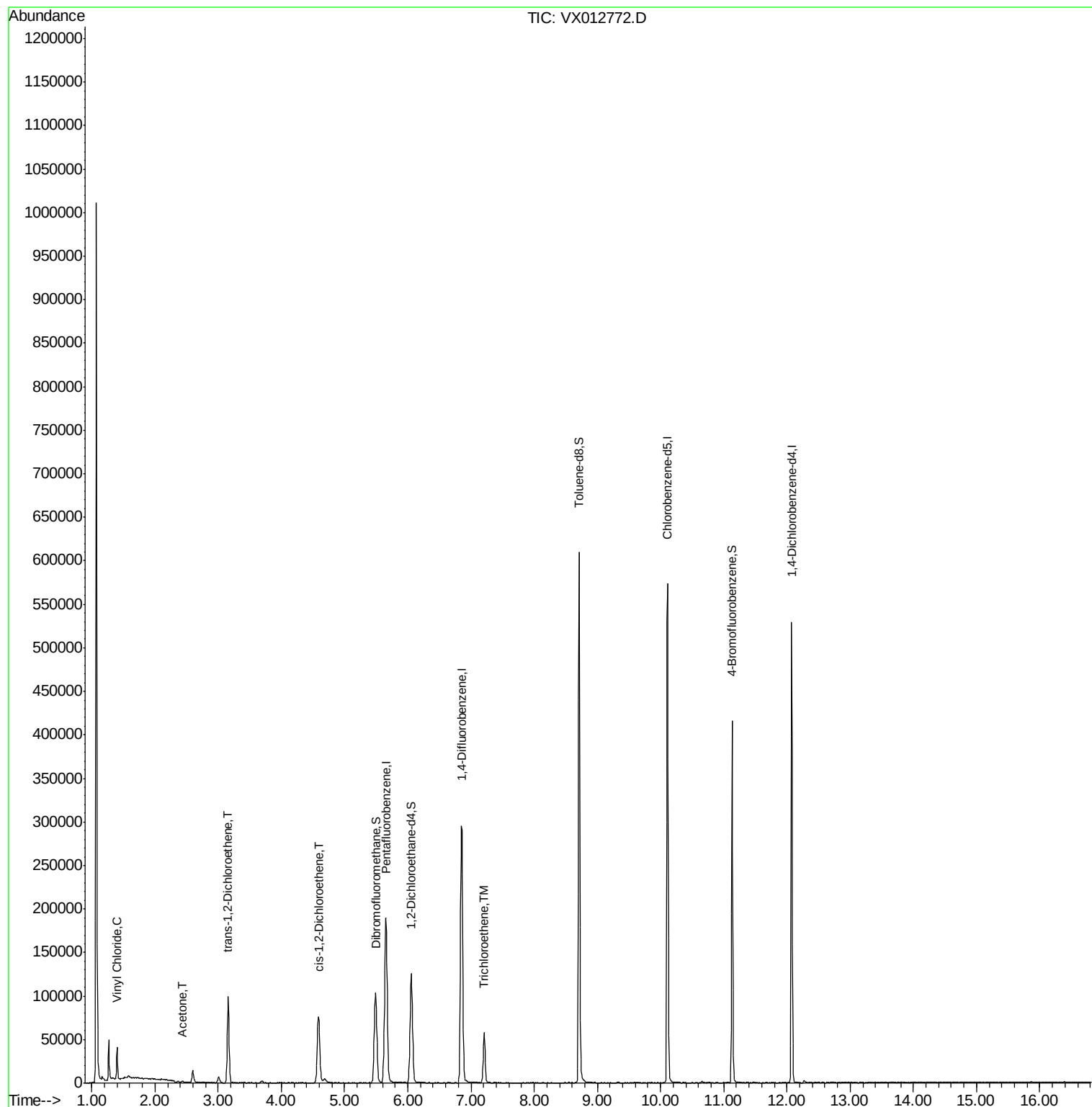
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121055	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
35) Dibromofluoromethane	5.49	113	91023	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
50) Toluene-d8	8.71	98	352662	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.14	95	118974	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds						
4) Vinyl Chloride	1.40	62	21892	9.861	ug/l	99
16) Acetone	2.44	43	1790	1.342	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	41264	20.037	ug/l	93
27) cis-1,2-Dichloroethene	4.58	96	48625	20.349	ug/l	84
44) Trichloroethene	7.21	130	21587	10.034	ug/l	99

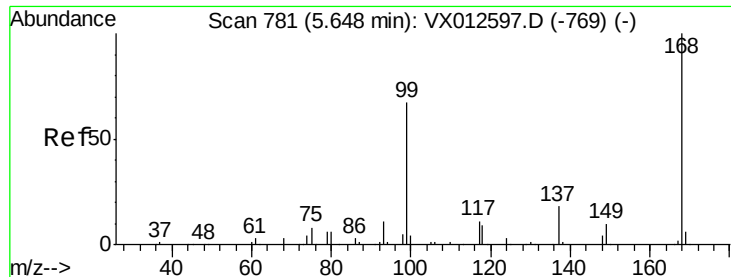
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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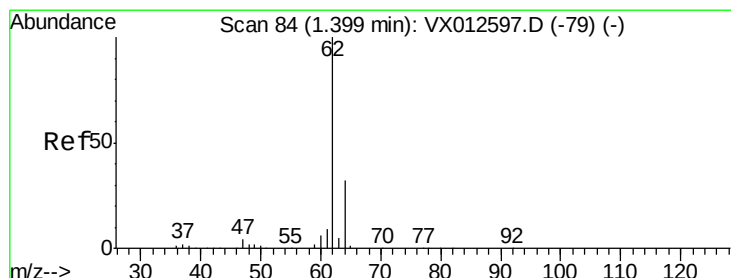
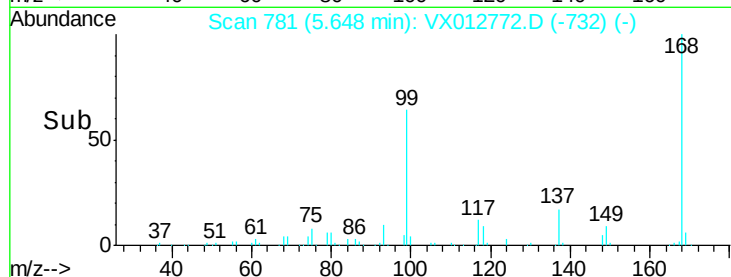
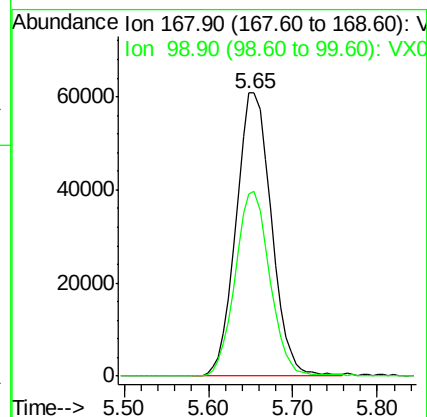
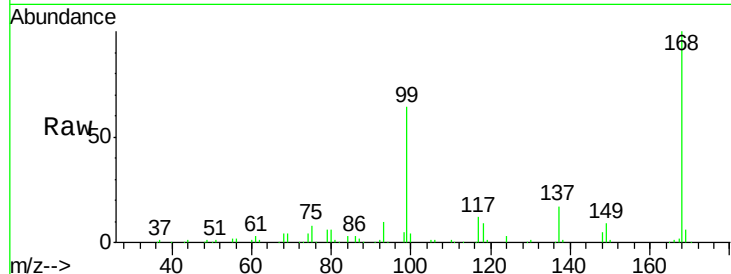




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012772.D
Acq: 02 Oct 2019 20:20

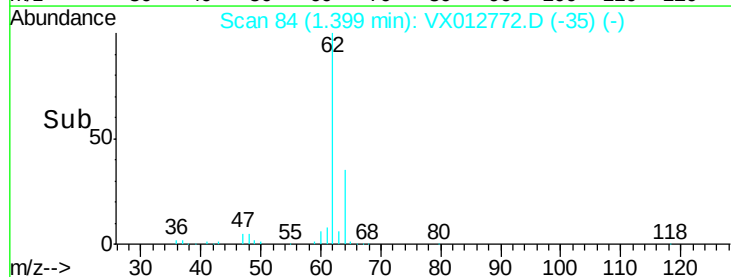
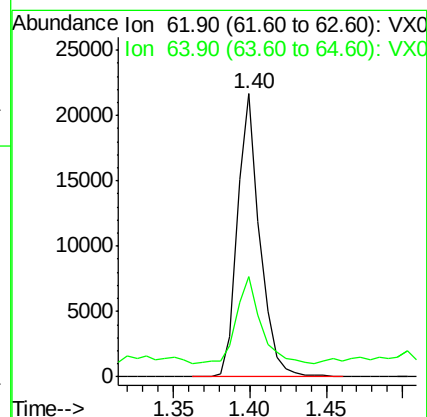
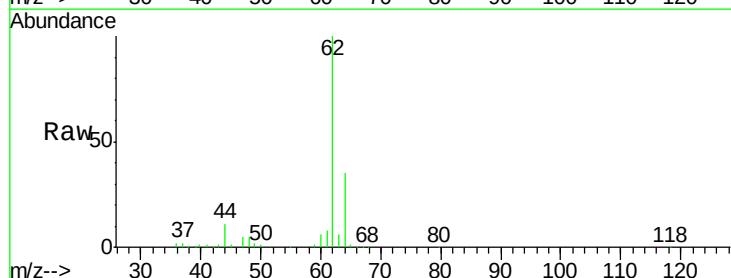
Instrument :
MSVOA_X
ClientSampleId :
S49-0536

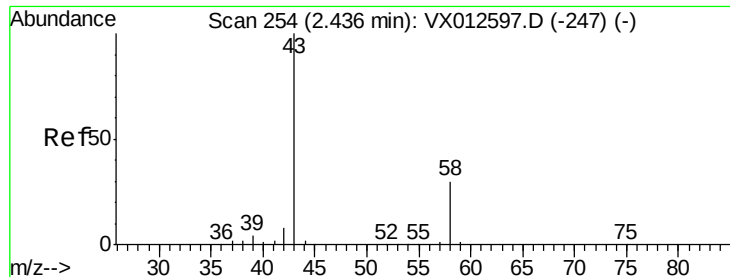
Tot Ion:168 Resp: 172894
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.2



#4
Vinyl Chloride
Concen: 9.861 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012772.D
Acq: 02 Oct 2019 20:20

Tgt Ion: 62 Resp: 21892
Ion Ratio Lower Upper
62 100
64 30.5 24.2 36.2





#16

Acetone

Concen: 1.342 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012772.D

Acq: 02 Oct 2019 20:20

Instrument :

MSVOA_X

ClientSampled :

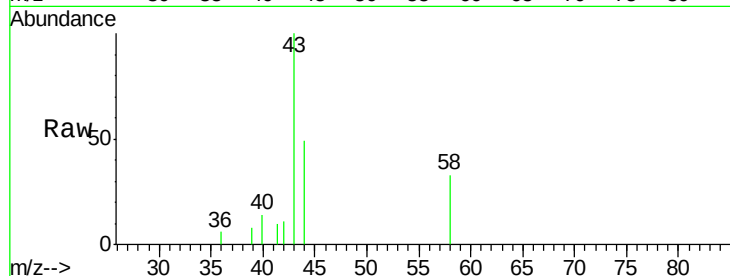
S49-0536

Tot Ion: 43 Resp: 1790

Ion Ratio Lower Upper

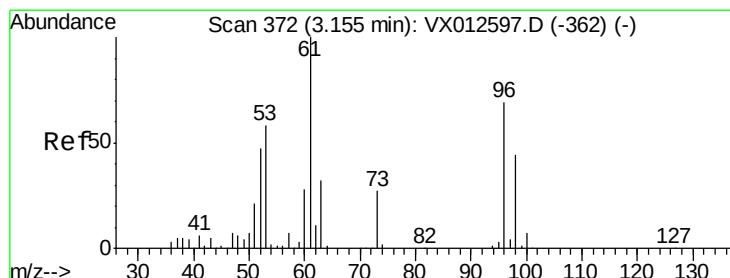
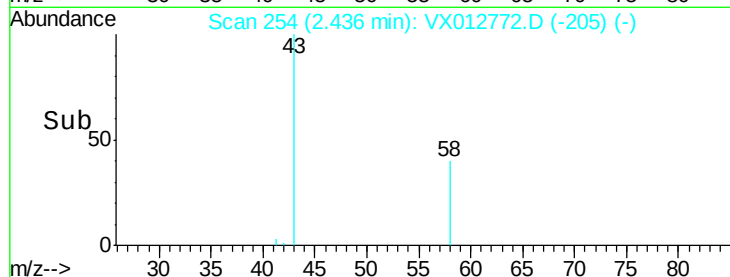
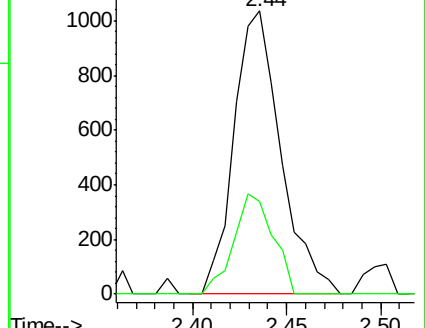
43 100

58 32.8 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: 20.037 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012772.D

Acq: 02 Oct 2019 20:20

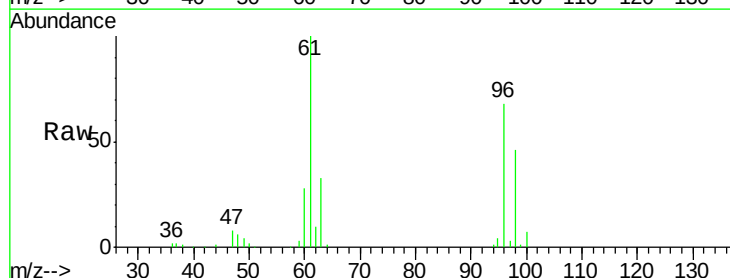
Tgt Ion: 96 Resp: 41264

Ion Ratio Lower Upper

96 100

61 147.1 112.0 168.0

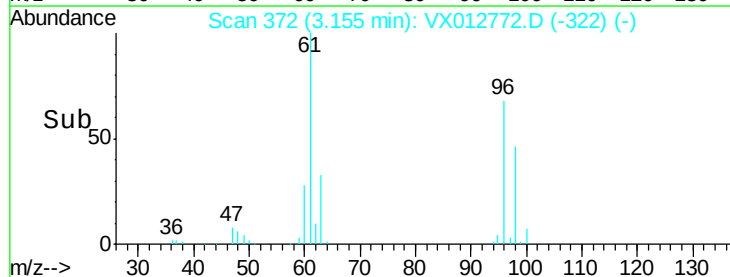
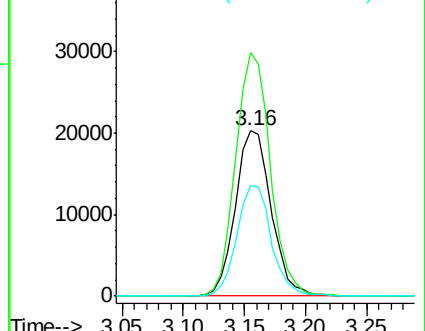
98 67.1 47.8 71.8

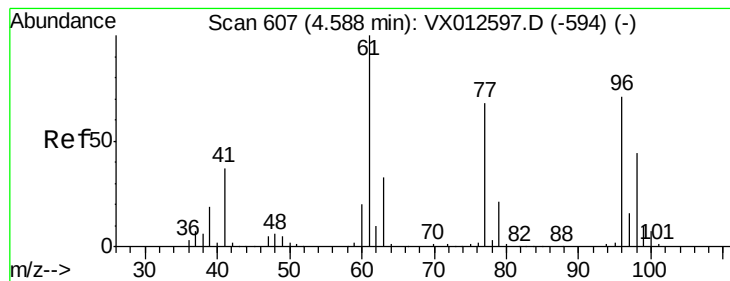


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



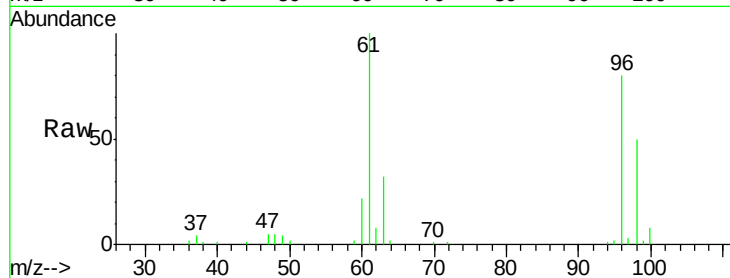


#27

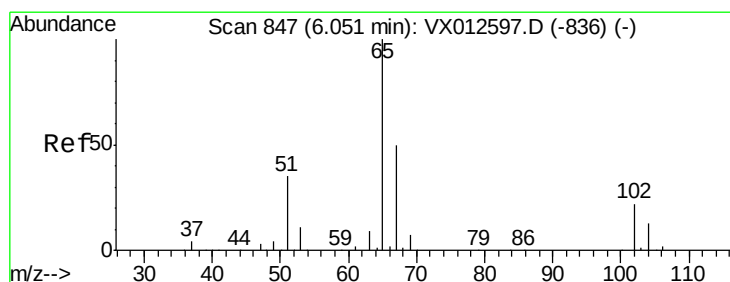
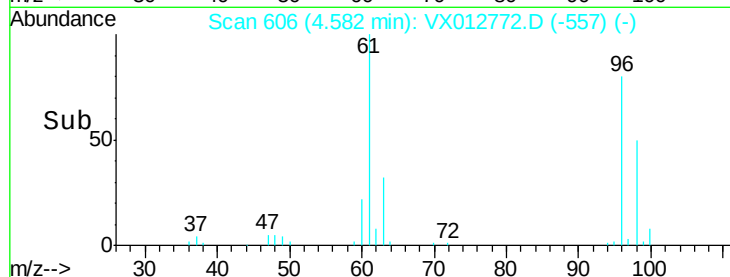
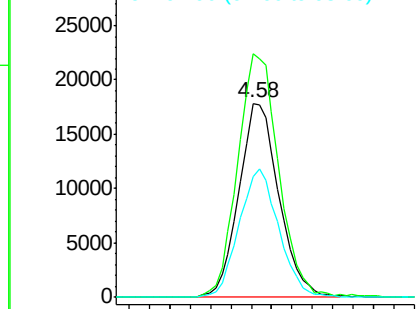
cis-1,2-Dichloroethene
Concen: 20.349 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012772.D
Acq: 02 Oct 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
S49-0536

Tot Ion: 96 Resp: 48625
Ion Ratio Lower Upper
96 100
61 129.6 0.0 319.4
98 65.8 0.0 130.6



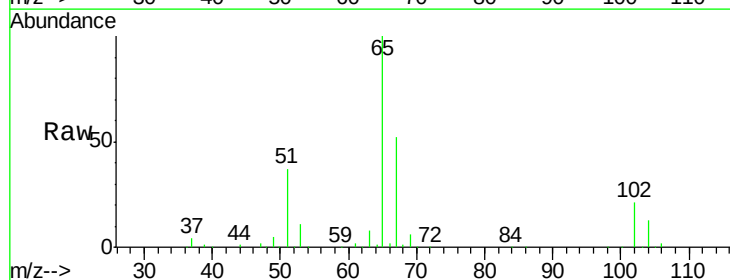
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



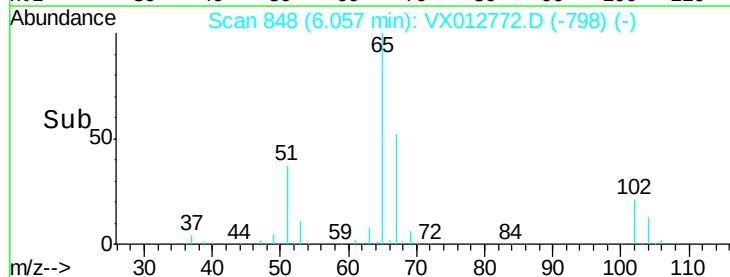
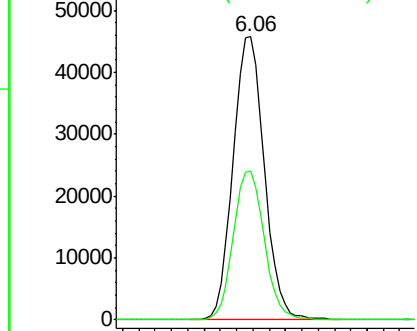
#33

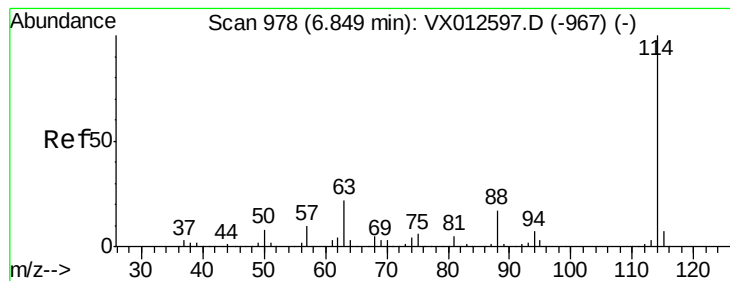
1,2-Dichloroethane-d4
Concen: 48.082 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012772.D
Acq: 02 Oct 2019 20:20

Tgt Ion: 65 Resp: 121055
Ion Ratio Lower Upper
65 100
67 52.1 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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX012772.D

Acq: 02 Oct 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

S49-0536

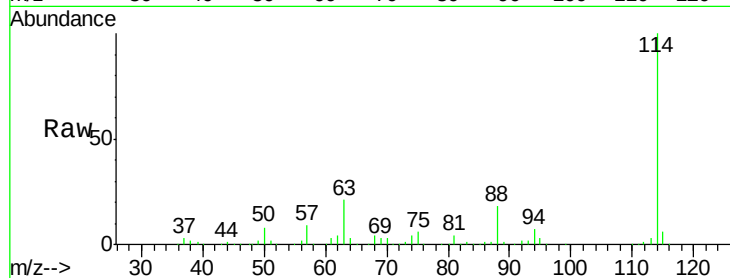
Tot Ion:114 Resp: 296744

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

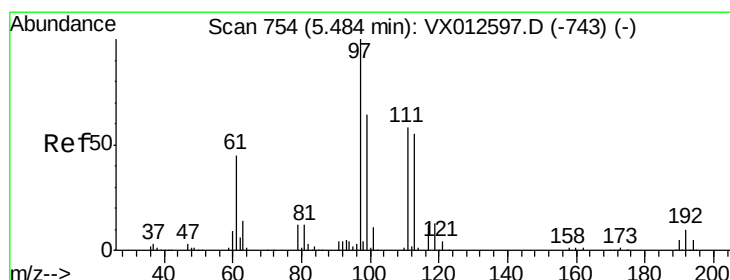
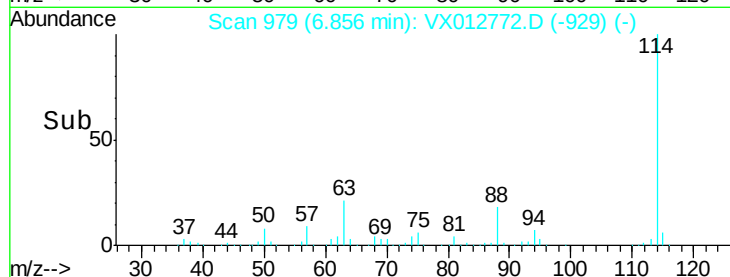
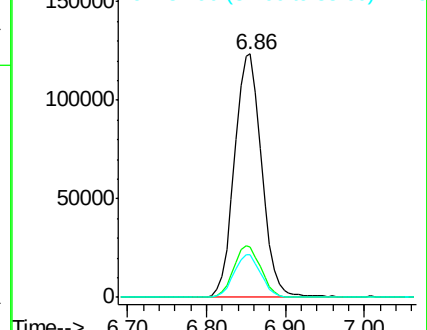
88 17.5 0.0 33.2



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: 51.506 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012772.D

Acq: 02 Oct 2019 20:20

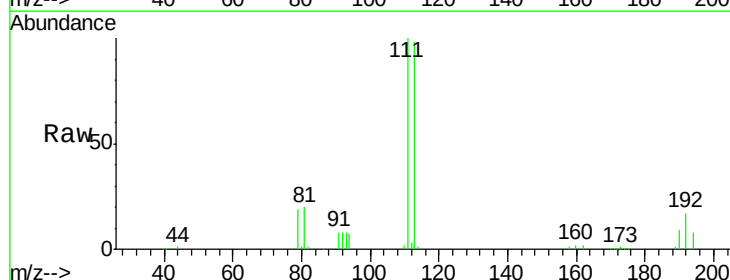
Tgt Ion:113 Resp: 91023

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

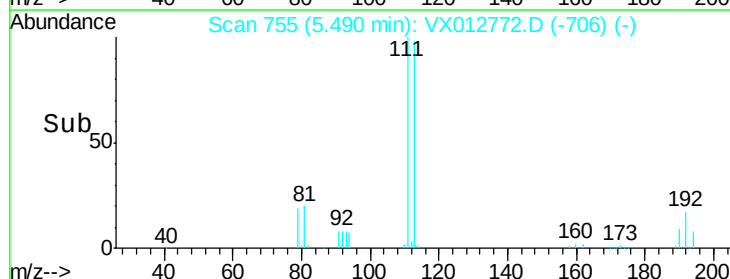
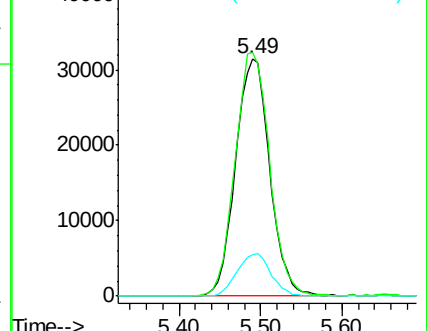
192 17.9 14.4 21.6

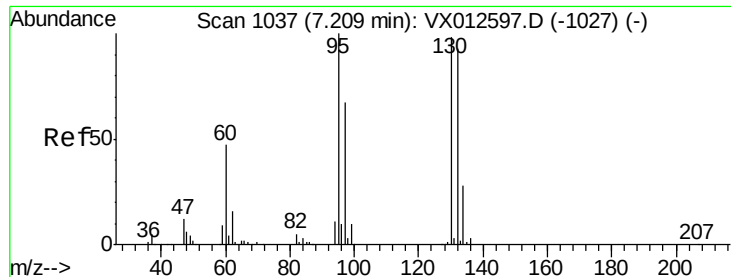


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 10.034 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012772.D

Acq: 02 Oct 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

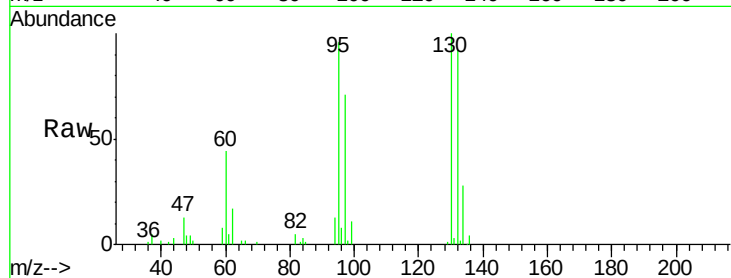
S49-0536

Tot Ion:130 Resp: 21587

Ion Ratio Lower Upper

130 100

95 95.5 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

12000

10000

8000

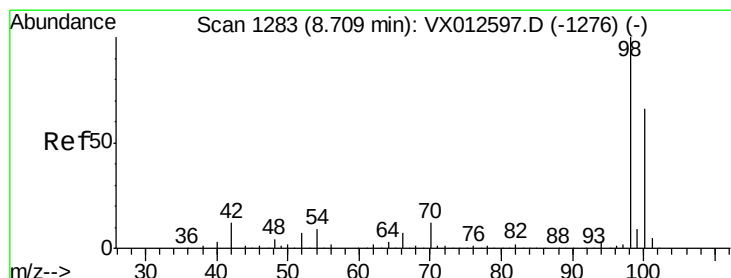
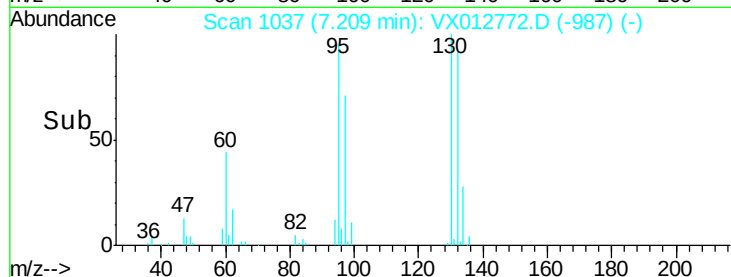
6000

4000

2000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 51.818 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012772.D

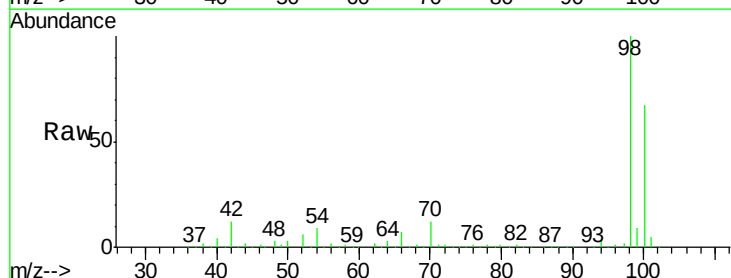
Acq: 02 Oct 2019 20:20

Tgt Ion: 98 Resp: 352662

Ion Ratio Lower Upper

98 100

100 67.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

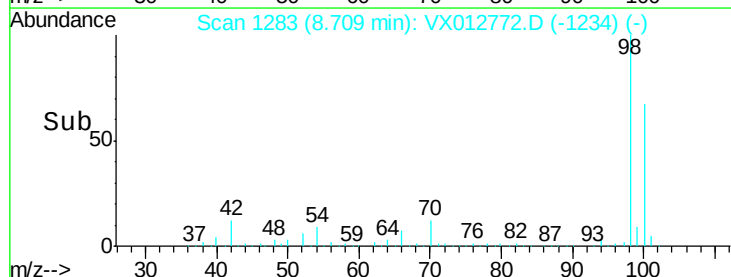
150000

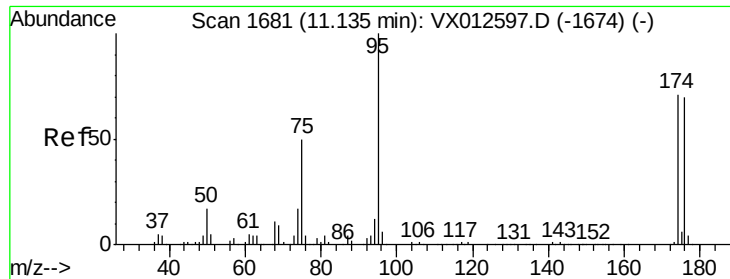
100000

50000

0

Time--> 8.60 8.70 8.80 8.90

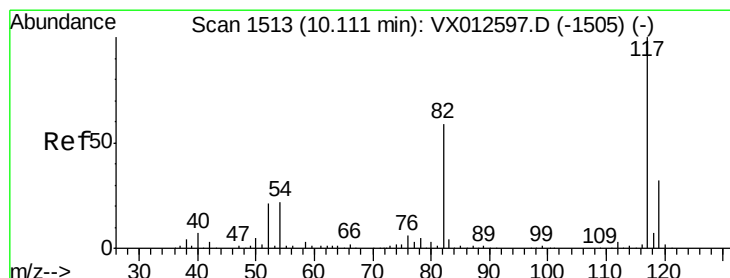
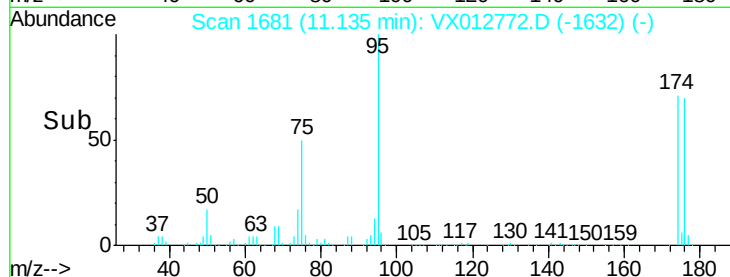
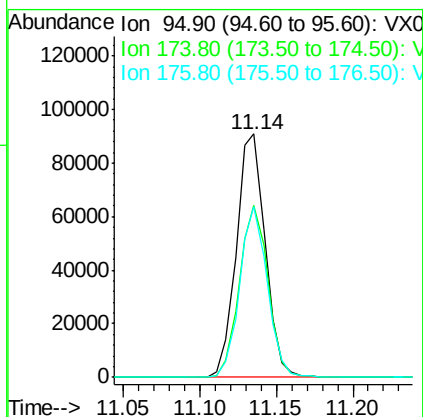
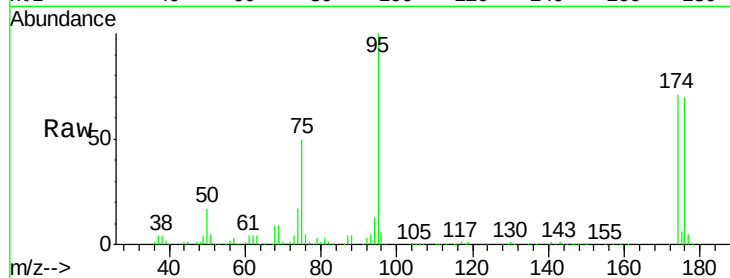




#62
4-Bromofluorobenzene
Concen: 44.459 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012772.D
Acq: 02 Oct 2019 20:20

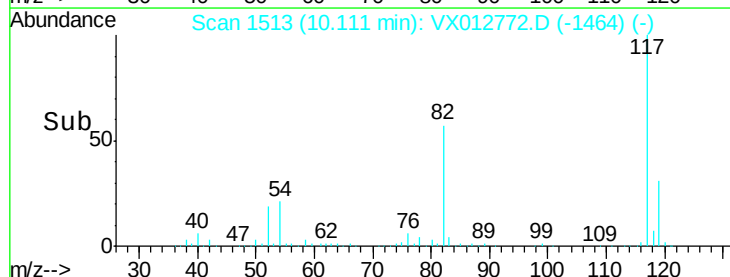
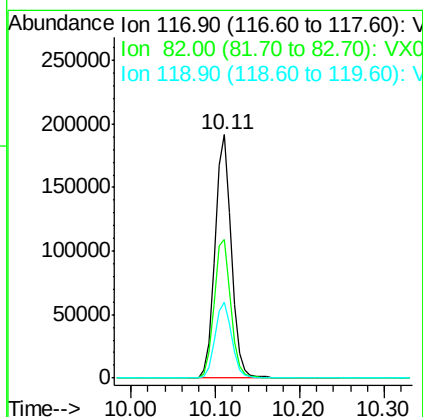
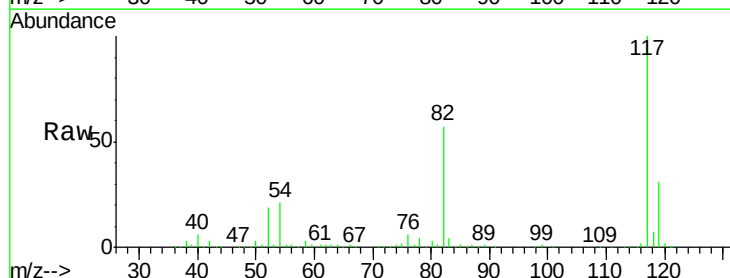
Instrument :
MSVOA_X
ClientSampleId :
S49-0536

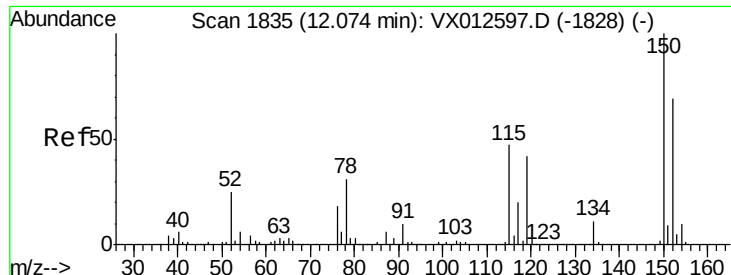
Tot Ion: 95 Resp: 118974
Ion Ratio Lower Upper
95 100
174 70.2 0.0 140.0
176 67.2 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012772.D
Acq: 02 Oct 2019 20:20

Tgt Ion: 117 Resp: 258865
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 31.4 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: VX012772.D

Acq: 02 Oct 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

S49-0536

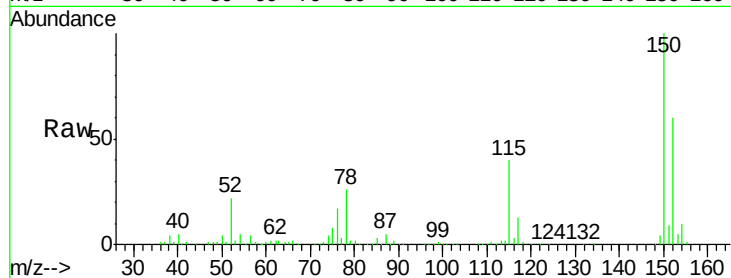
Tot Ion:152 Resp: 98723

Ion Ratio Lower Upper

152 100

115 63.4 44.1 132.3

150 162.8 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

