

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012782.D
 Acq On : 03 Oct 2019 14:40
 Operator : JC/SP
 Sample : K5157-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0524

Quant Time: Oct 04 07:11:38 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

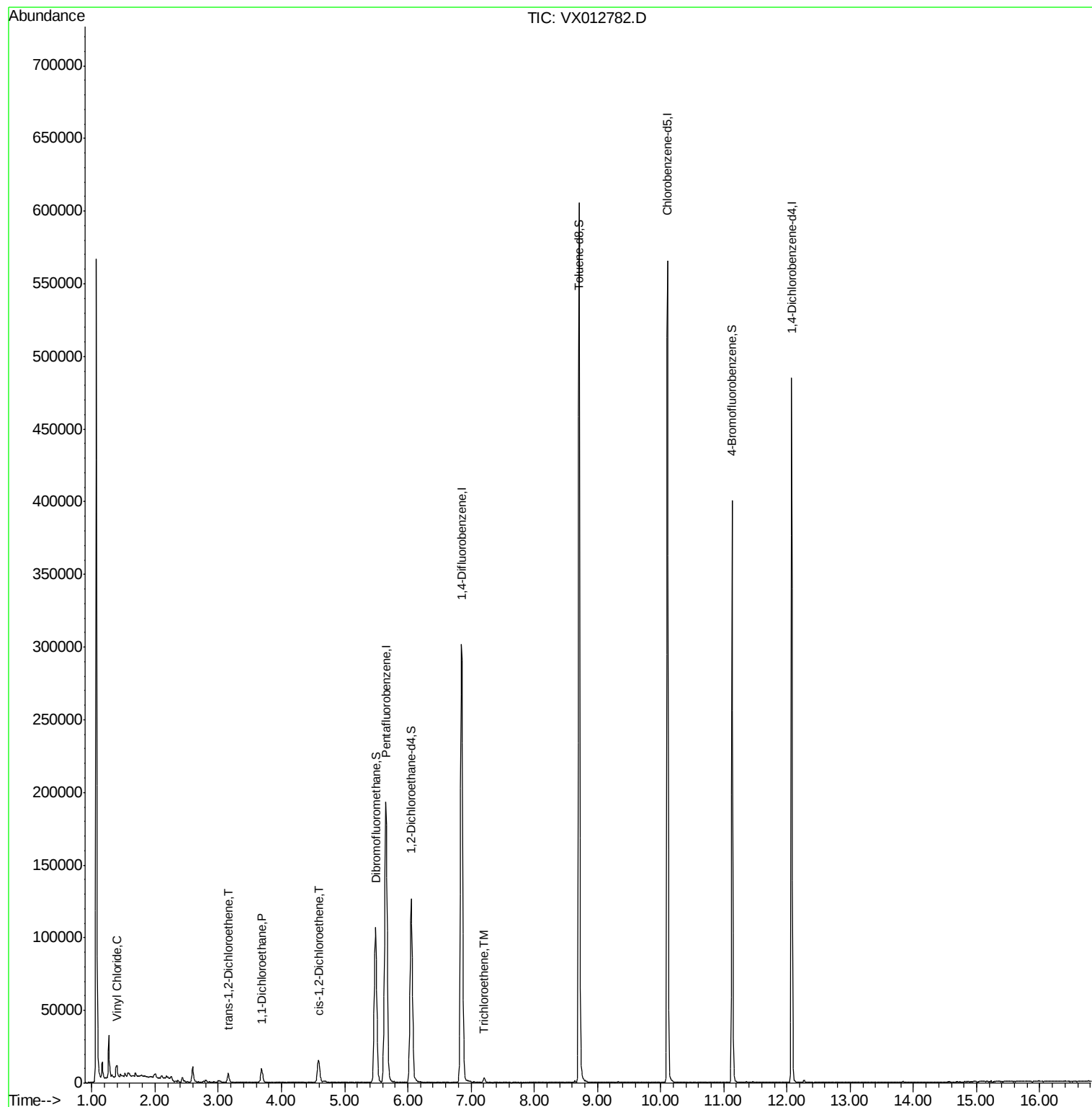
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	121394	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	5.48	113	91859	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
50) Toluene-d8	8.71	98	353003	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.14	95	115545	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2684	1.199	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	2543	1.225	ug/l #	77
24) 1,1-Dichloroethane	3.69	63	10234	2.621	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	9523	3.953	ug/l	86
44) Trichloroethene	7.21	130	1212	0.558	ug/l	84

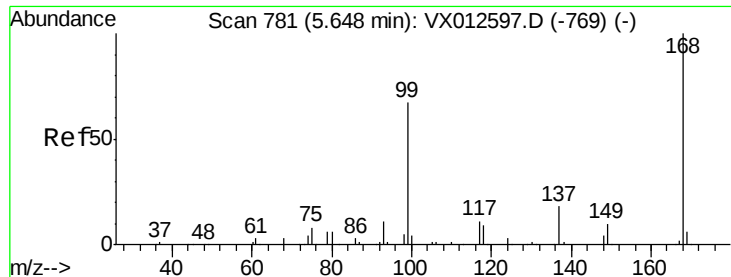
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012782.D

Acq: 03 Oct 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

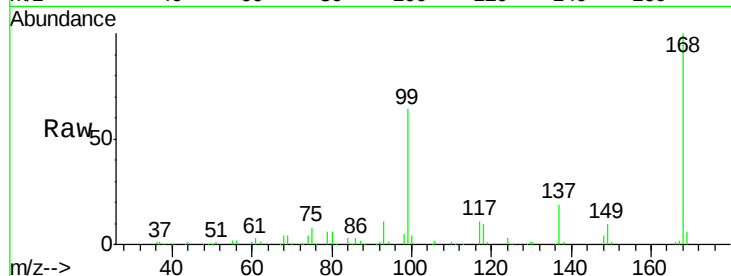
S49-0524

Tot Ion:168 Resp: 174286

Ion Ratio Lower Upper

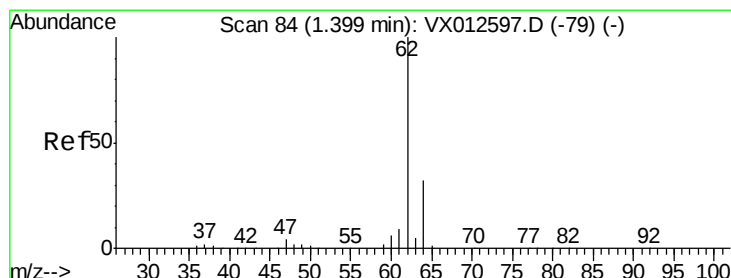
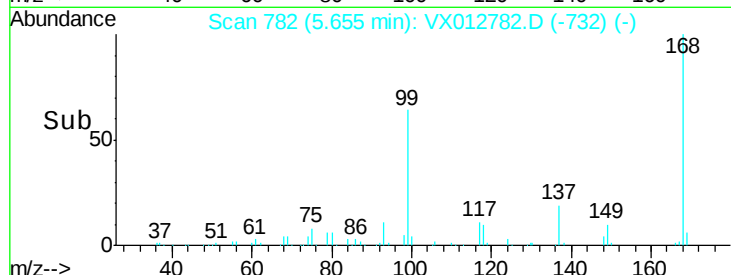
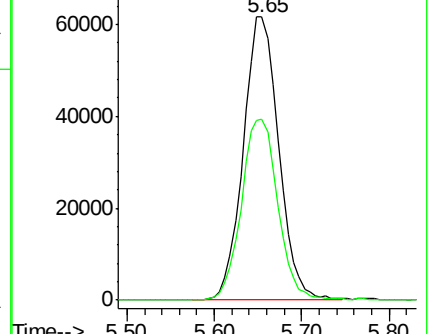
168 100

99 64.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.199 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012782.D

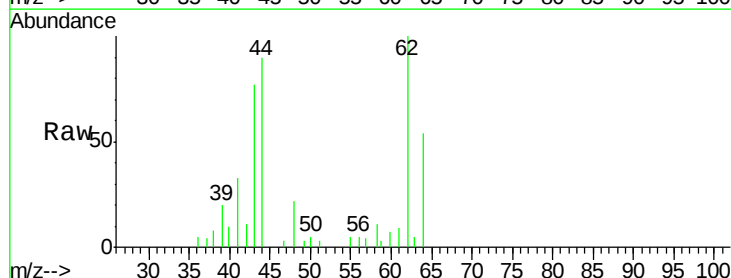
Acq: 03 Oct 2019 14:40

Tgt Ion: 62 Resp: 2684

Ion Ratio Lower Upper

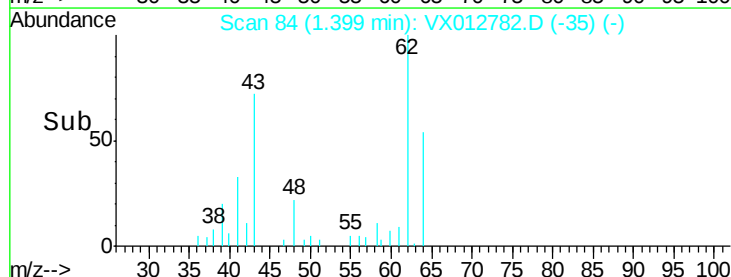
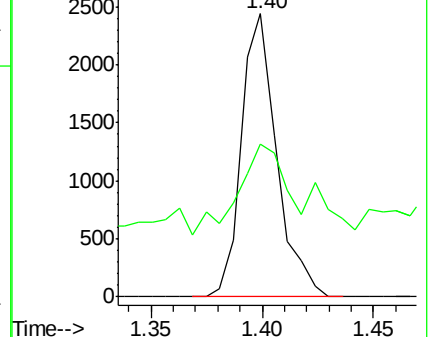
62 100

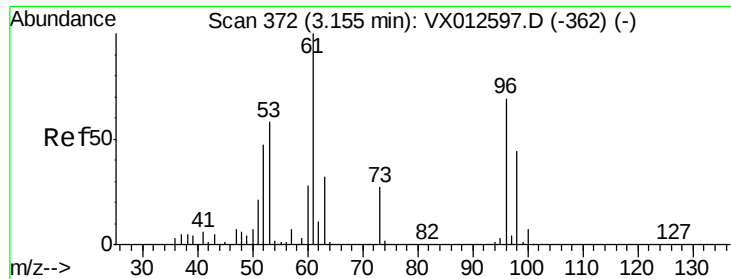
64 32.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.225 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.02 min

Lab File: VX012782.D

Acq: 03 Oct 2019 14:40

Instrument :

MSVOA_X

ClientSampled :

S49-0524

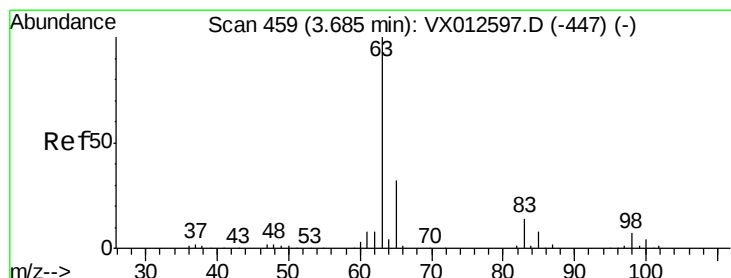
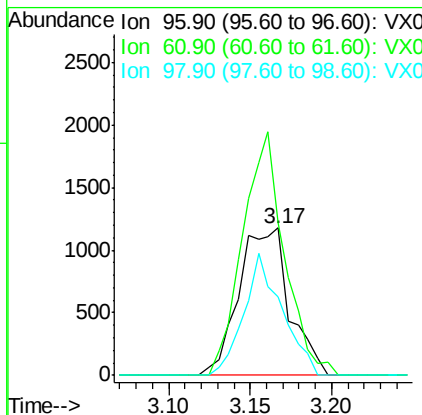
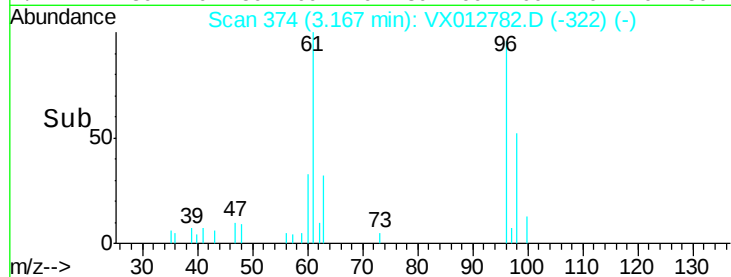
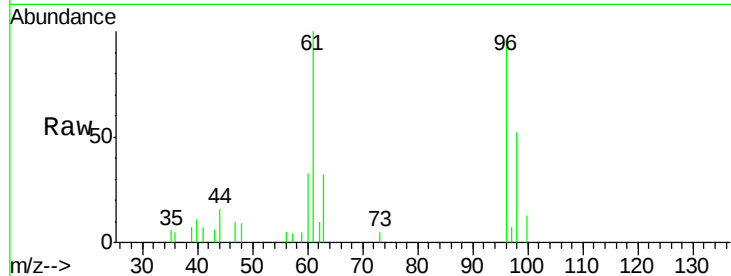
Tot Ion: 96 Resp: 2543

Ion Ratio Lower Upper

96 100

61 104.0 112.0 168.0#

98 53.6 47.8 71.8



#24

1,1-Dichloroethane

Concen: 2.621 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012782.D

Acq: 03 Oct 2019 14:40

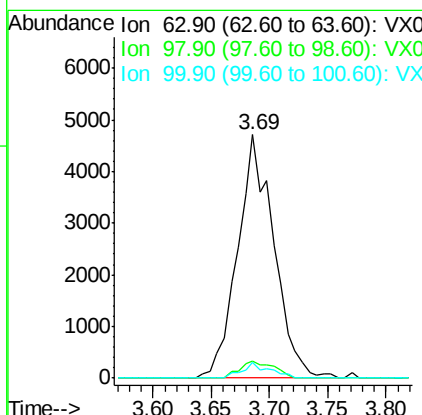
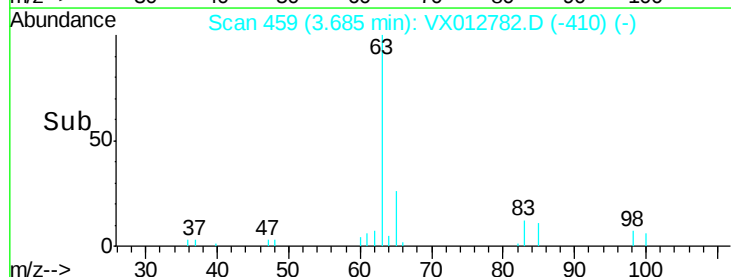
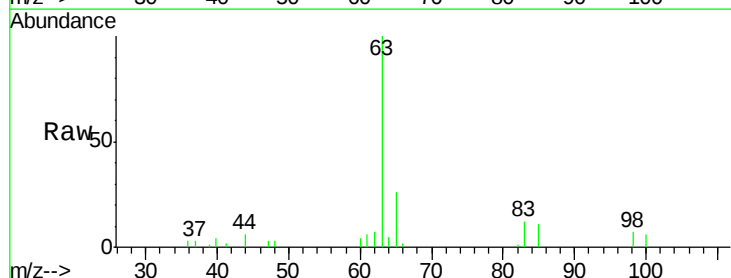
Tgt Ion: 63 Resp: 10234

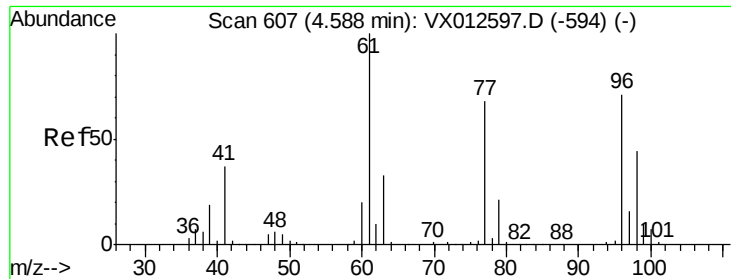
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 6.4 2.3 6.9





#27

cis-1,2-Dichloroethene

Concen: 3.953 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012782.D

Acq: 03 Oct 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

S49-0524

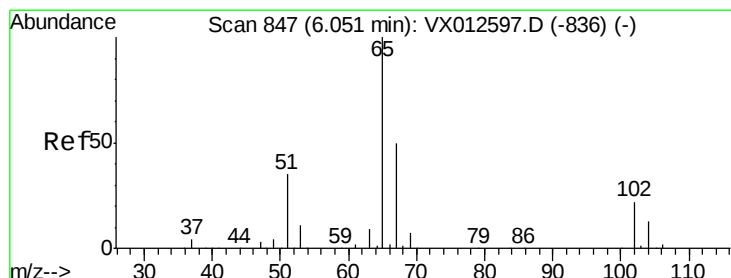
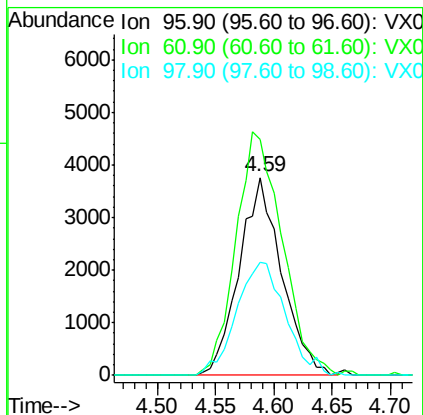
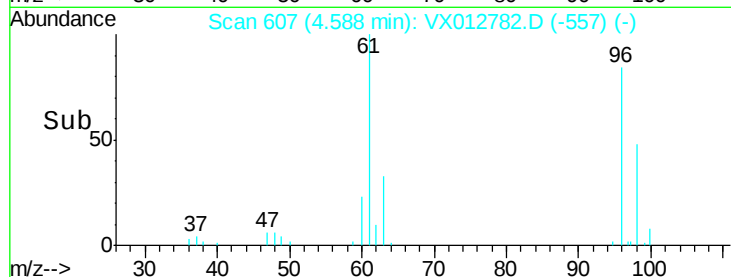
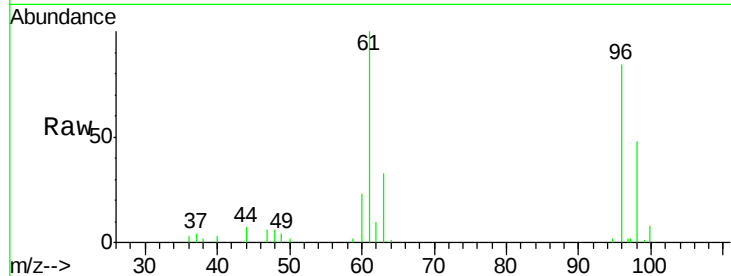
Tot Ion: 96 Resp: 9523

Ion Ratio Lower Upper

96 100

61 134.1 0.0 319.4

98 66.2 0.0 130.6



#33

1,2-Dichloroethane-d4

Concen: 47.832 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012782.D

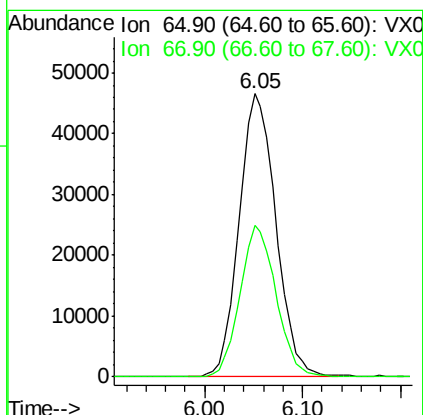
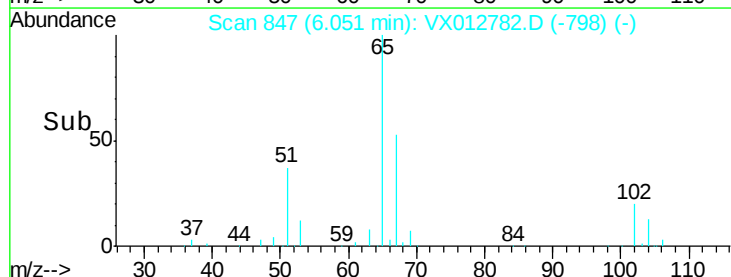
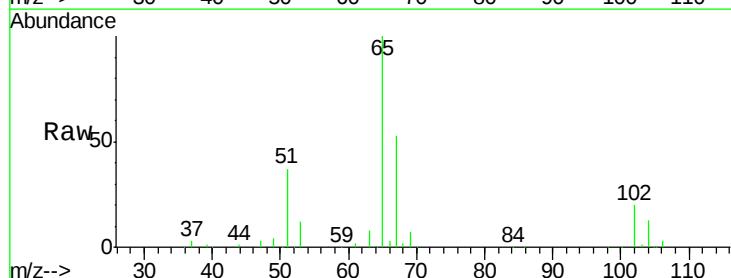
Acq: 03 Oct 2019 14:40

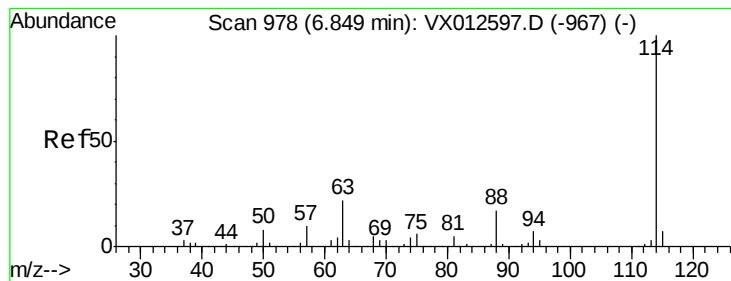
Tgt Ion: 65 Resp: 121394

Ion Ratio Lower Upper

65 100

67 52.7 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: VX012782.D

Acq: 03 Oct 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

S49-0524

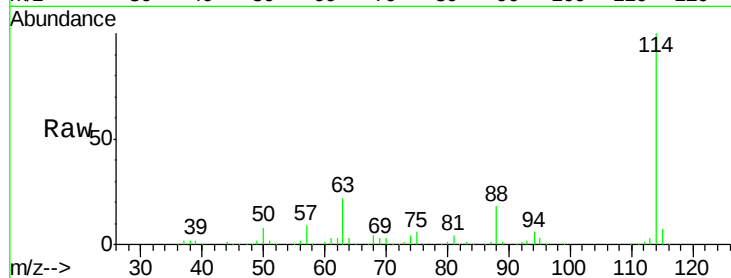
Tot Ion:114 Resp: 299541

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

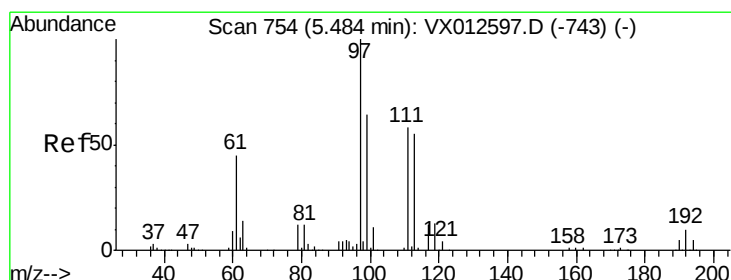
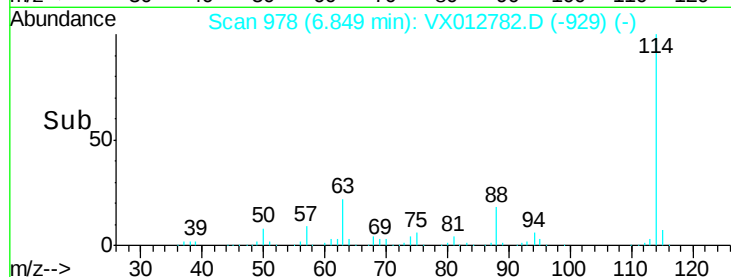
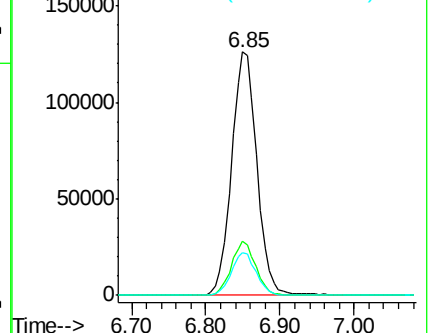
88 17.5 0.0 33.2



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: 51.493 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012782.D

Acq: 03 Oct 2019 14:40

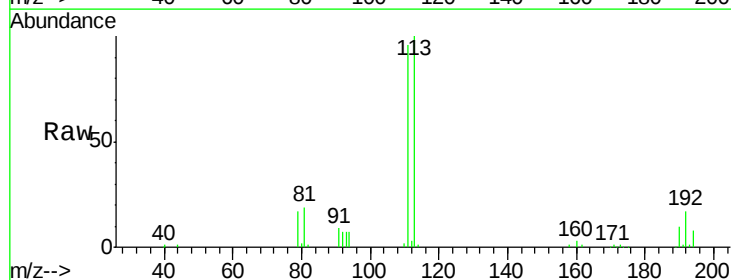
Tgt Ion:113 Resp: 91859

Ion Ratio Lower Upper

113 100

111 100.7 83.4 125.2

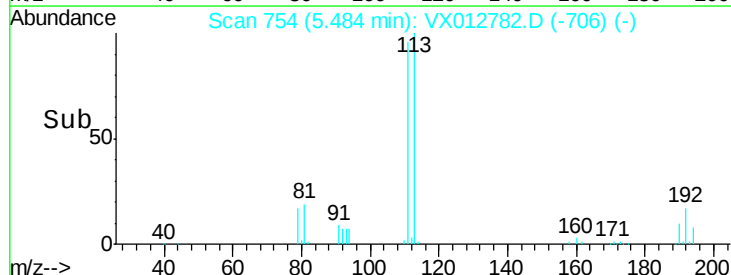
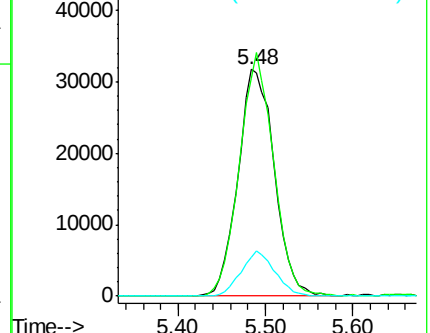
192 18.6 14.4 21.6

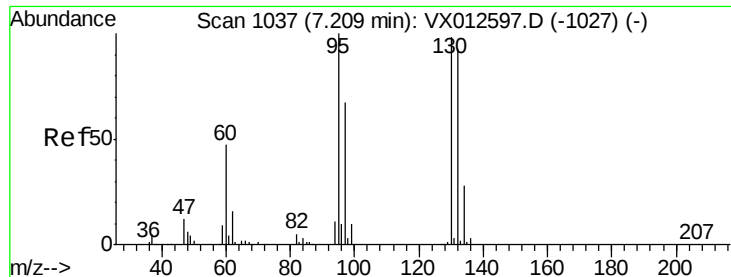


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

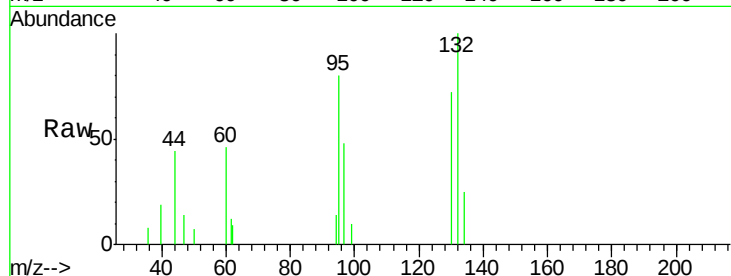




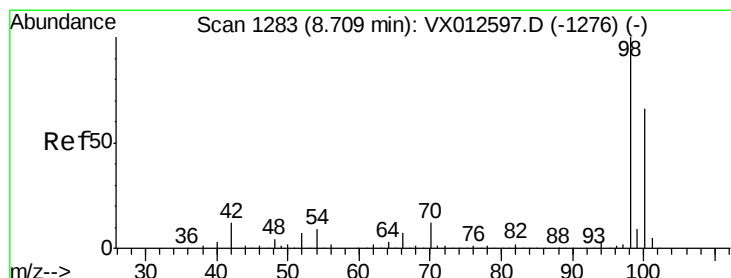
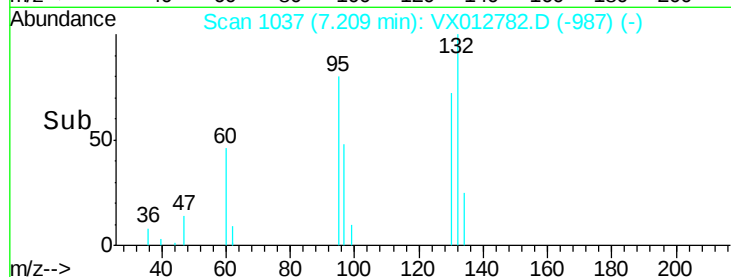
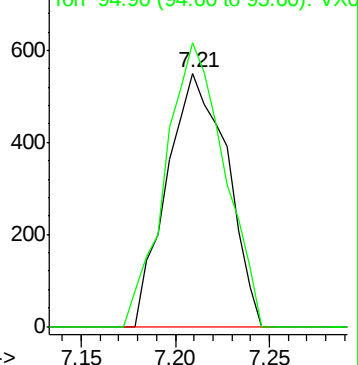
#44
 Trichloroethene
 Concen: 0.558 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012782.D
 Acq: 03 Oct 2019 14:40

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0524

Tot Ion:130 Resp: 1212
 Ion Ratio Lower Upper
 130 100
 95 112.0 0.0 193.0

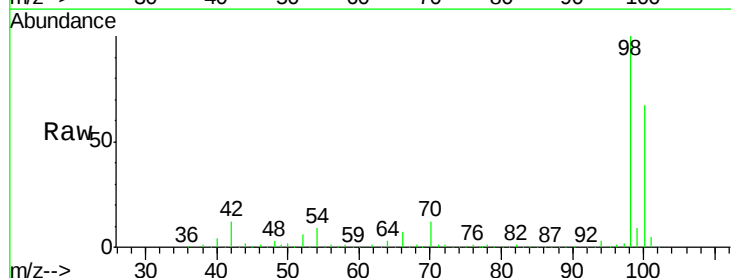


Abundance Ion 129.80 (129.50 to 130.50): V

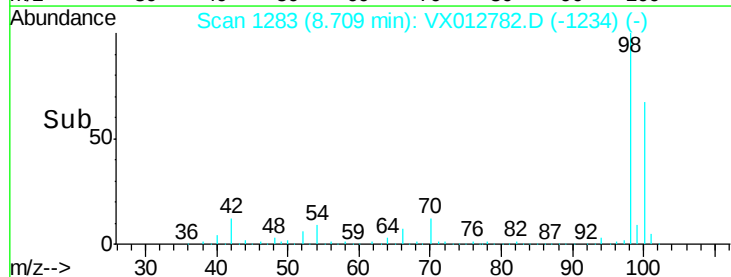
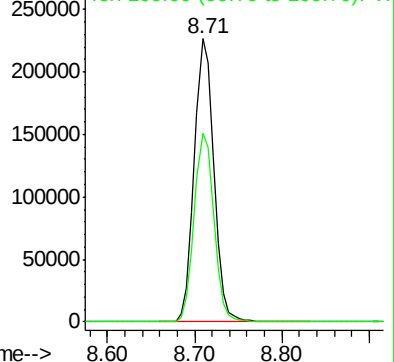


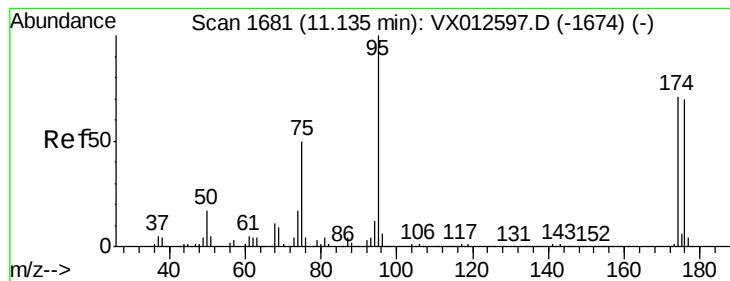
#50
 Toluene-d8
 Concen: 51.384 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012782.D
 Acq: 03 Oct 2019 14:40

Tgt Ion: 98 Resp: 353003
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.774 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012782.D

Acq: 03 Oct 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

S49-0524

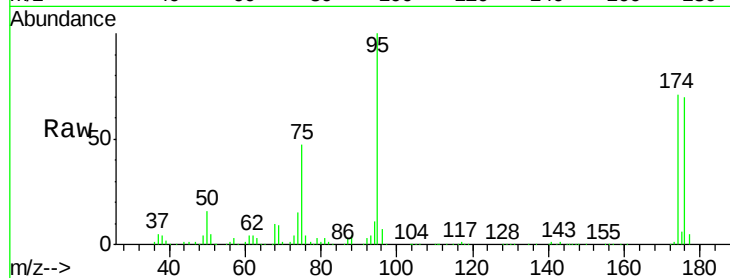
Tot Ion: 95 Resp: 115545

Ion Ratio Lower Upper

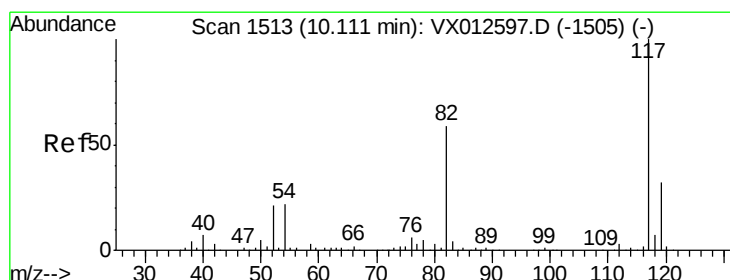
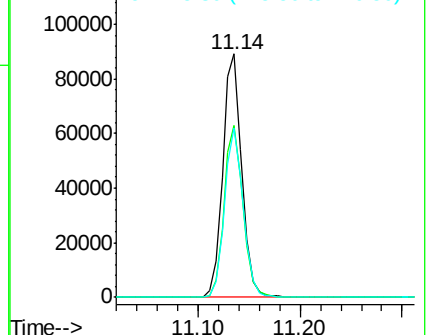
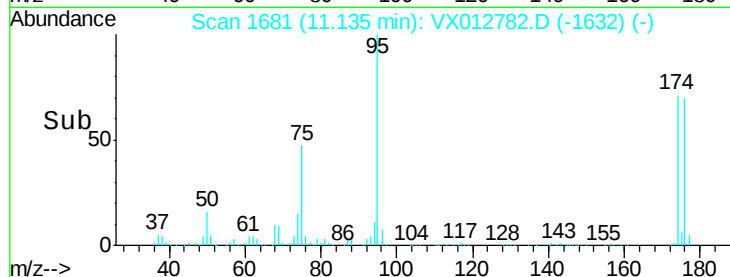
95 100

174 70.3 0.0 140.0

176 68.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012782.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012782.D

Acq: 03 Oct 2019 14:40

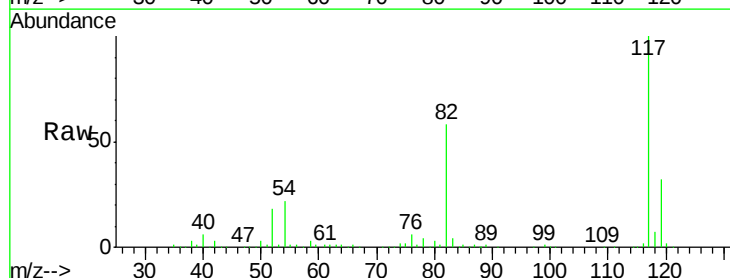
Tgt Ion: 117 Resp: 250857

Ion Ratio Lower Upper

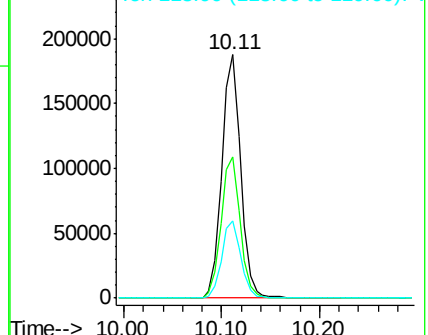
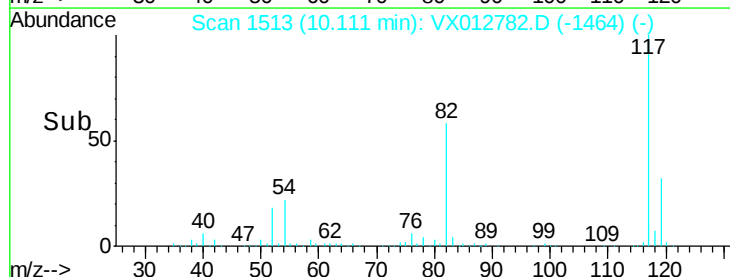
117 100

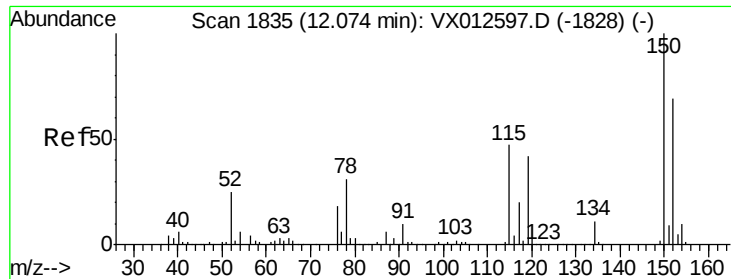
82 57.8 45.9 68.9

119 32.0 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX012782.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012782.D

Acq: 03 Oct 2019 14:40

Instrument :

MSVOA_X

ClientSampleId :

S49-0524

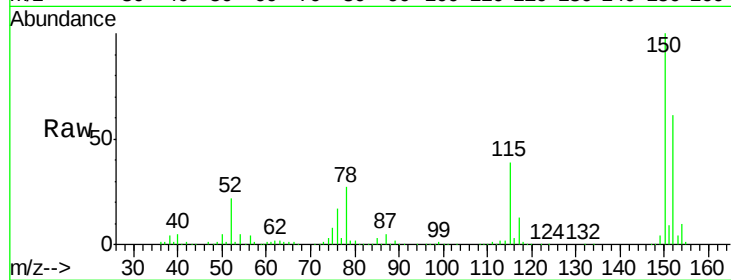
Tot Ion:152 Resp: 91478

Ion Ratio Lower Upper

152 100

115 64.7 44.1 132.3

150 158.8 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

