

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012642.D
 Acq On : 24 Sep 2019 18:51
 Operator : JC/SP
 Sample : K5013-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0544

Quant Time: Sep 25 06:49:11 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

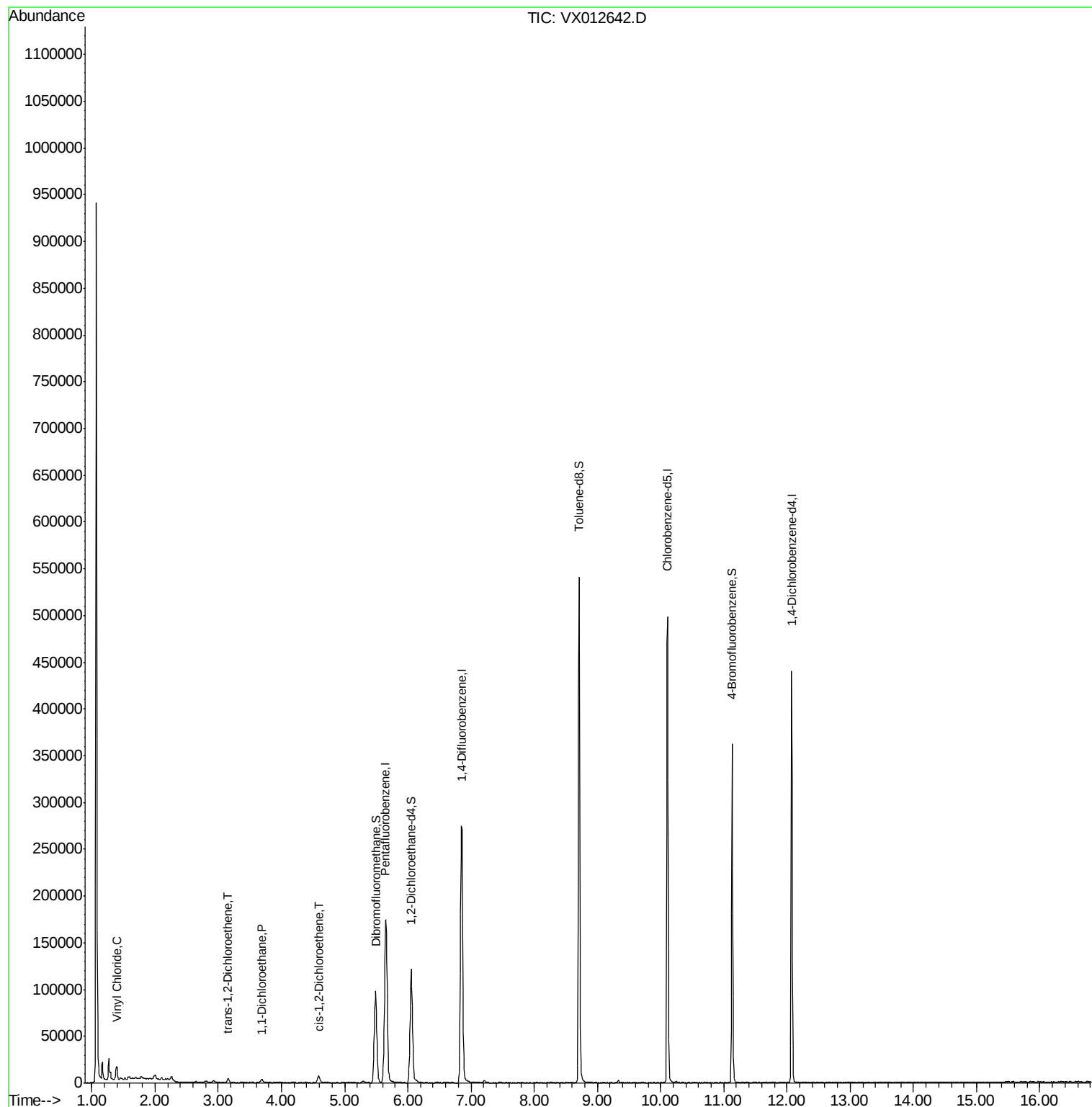
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	83652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114509	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	5.49	113	81272	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	8.71	98	316281	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.14	95	105232	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.76%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2432	1.205	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	1692	0.904	ug/l	88
24) 1,1-Dichloroethane	3.69	63	3898	1.107	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	4087	1.881	ug/l	89

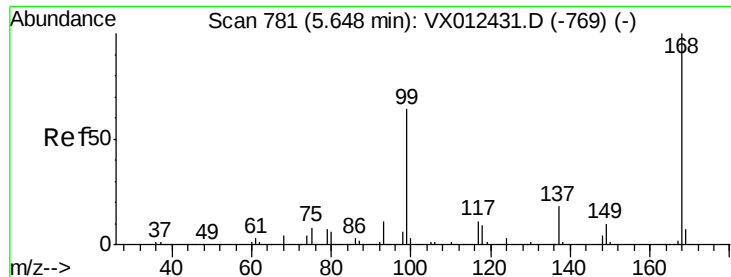
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012642.D

Acq: 24 Sep 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

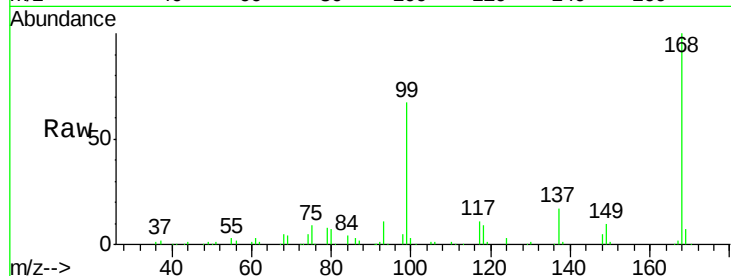
S49-0544

Tot Ion:168 Resp: 157199

Ion Ratio Lower Upper

168 100

99 67.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

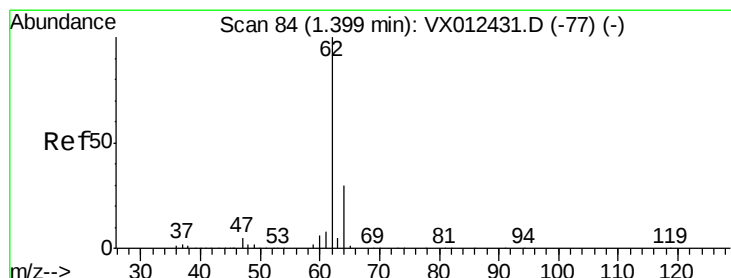
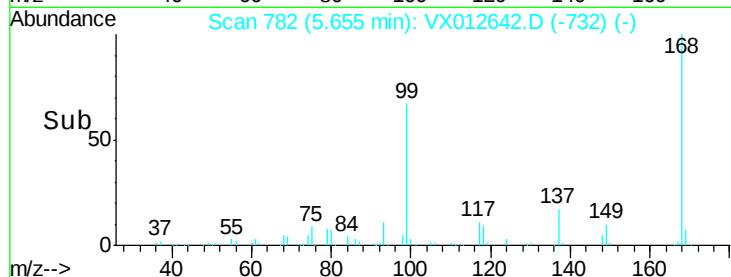
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.205 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012642.D

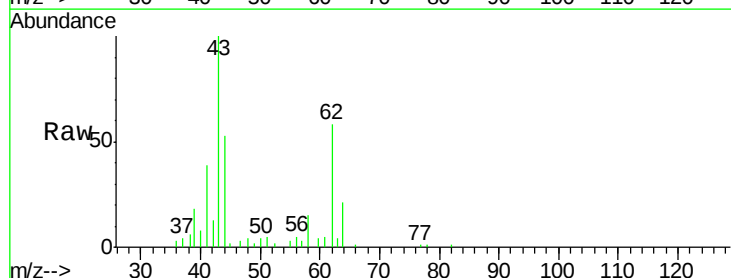
Acq: 24 Sep 2019 18:51

Tgt Ion: 62 Resp: 2432

Ion Ratio Lower Upper

62 100

64 33.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

3000

2500

2000

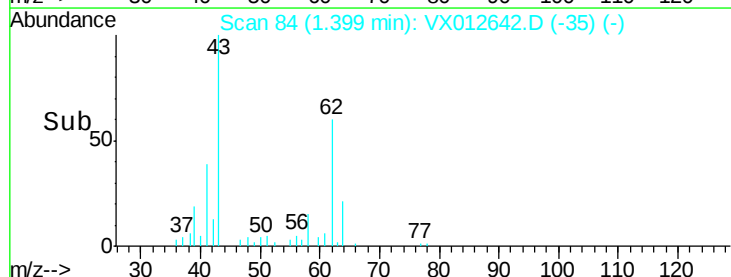
1500

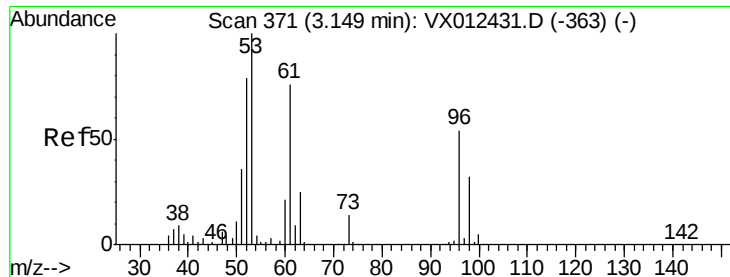
1000

500

0

Time--> 1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 0.904 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012642.D

Acq: 24 Sep 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

S49-0544

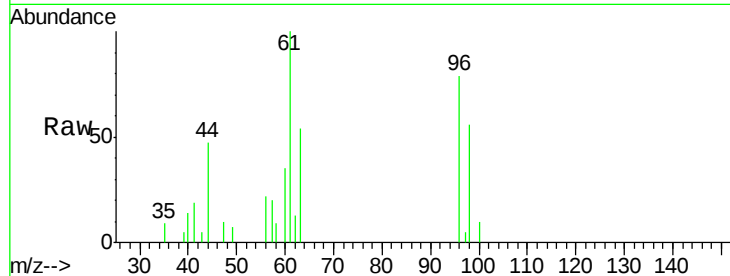
Tot Ion: 96 Resp: 1692

Ion Ratio Lower Upper

96 100

61 127.0 112.0 168.0

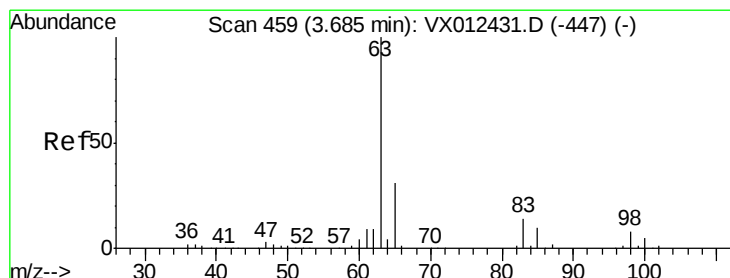
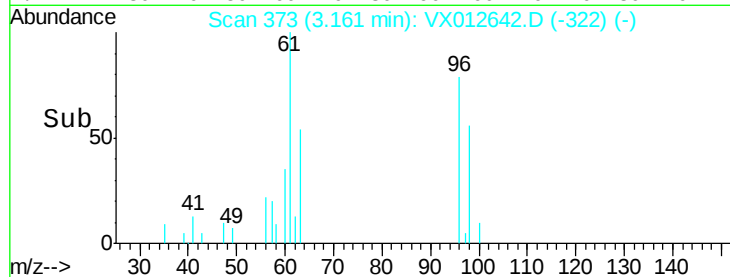
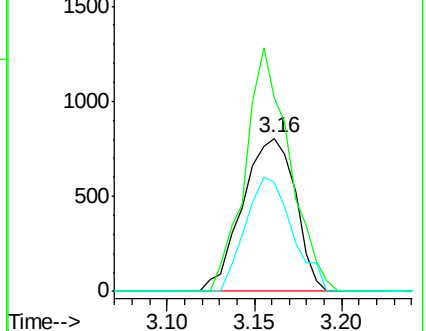
98 71.2 47.8 71.8



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



#24

1,1-Dichloroethane

Concen: 1.107 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012642.D

Acq: 24 Sep 2019 18:51

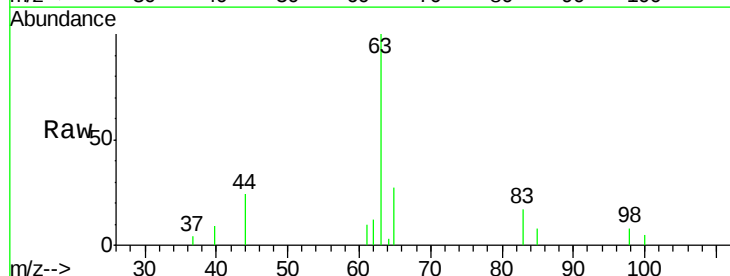
Tgt Ion: 63 Resp: 3898

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

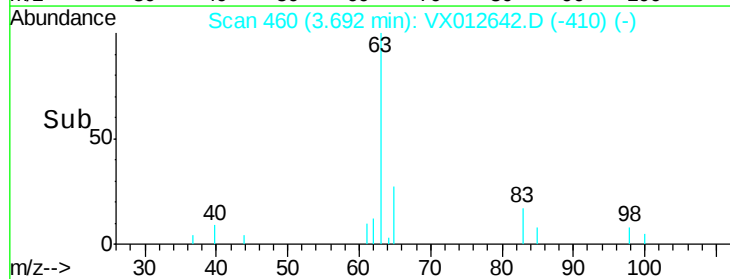
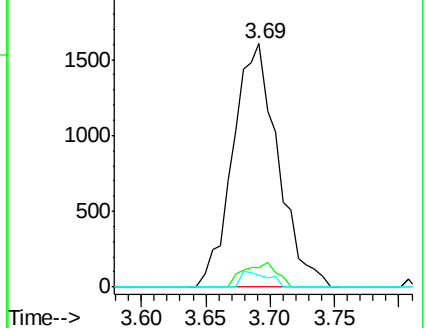
100 4.8 2.3 6.9

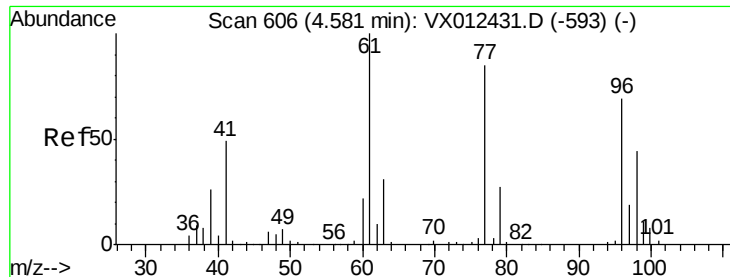


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



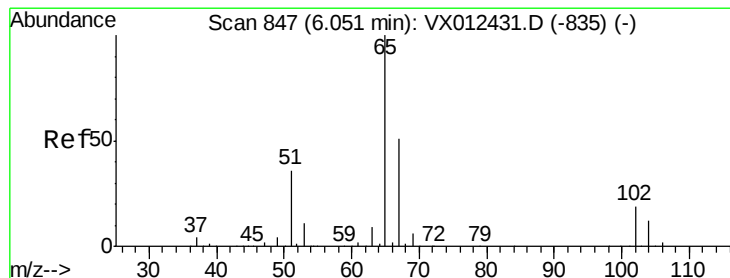
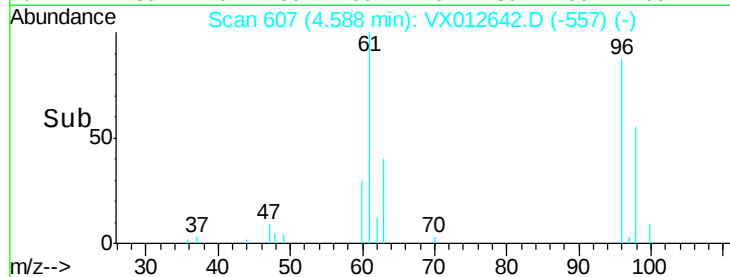
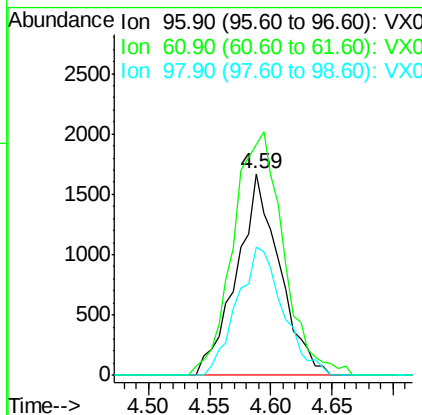
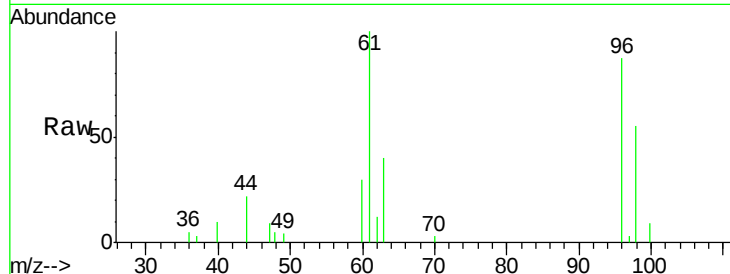


#27

cis-1,2-Dichloroethene
 Concen: 1.881 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012642.D
 Acq: 24 Sep 2019 18:51

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0544

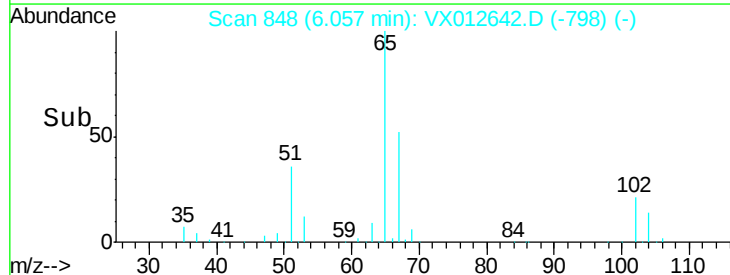
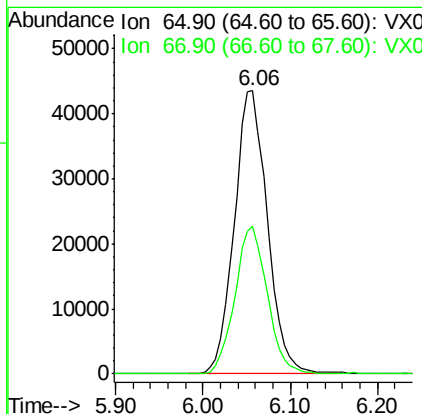
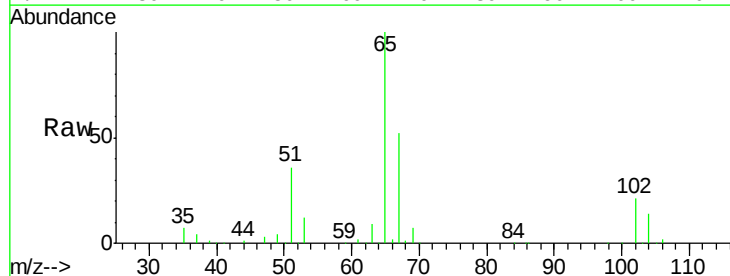
Tot Ion: 96 Resp: 4087
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 319.4
 98 67.7 0.0 130.6

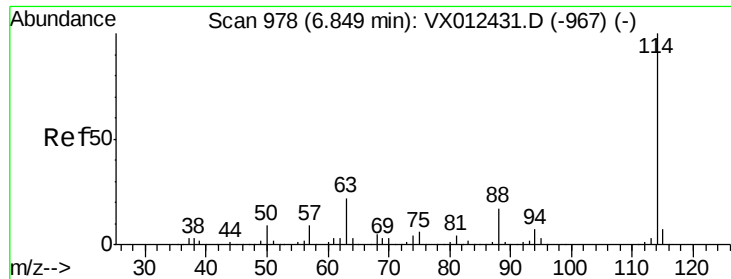


#33

1,2-Dichloroethane-d4
 Concen: 50.023 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012642.D
 Acq: 24 Sep 2019 18:51

Tgt Ion: 65 Resp: 114509
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.2

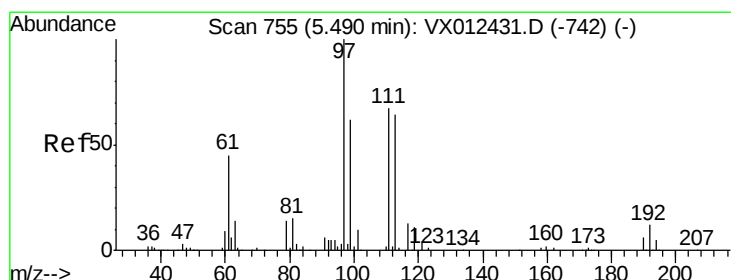
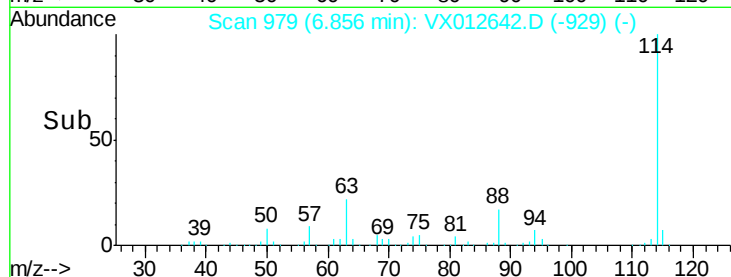
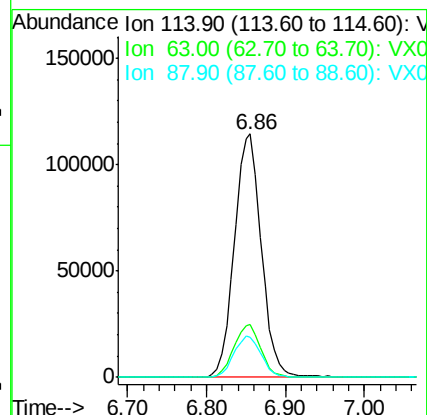
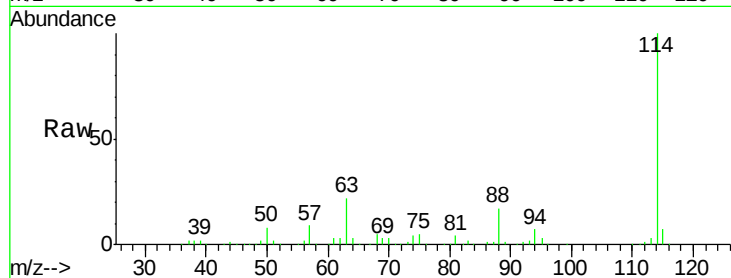




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012642.D
 Acq: 24 Sep 2019 18:51

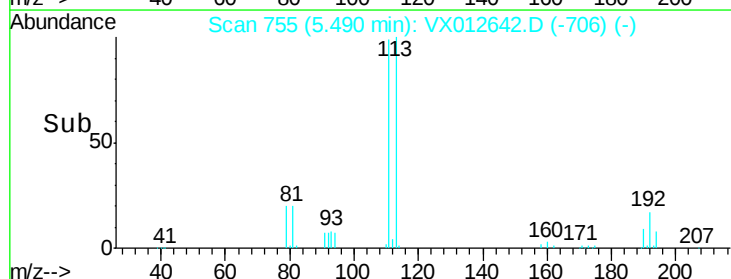
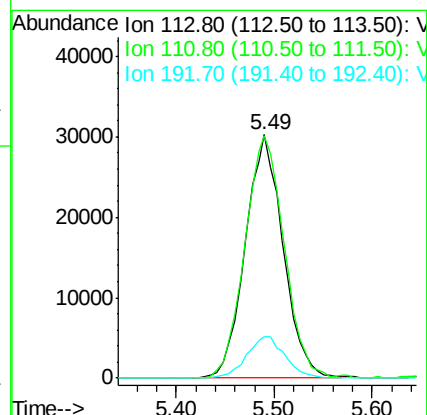
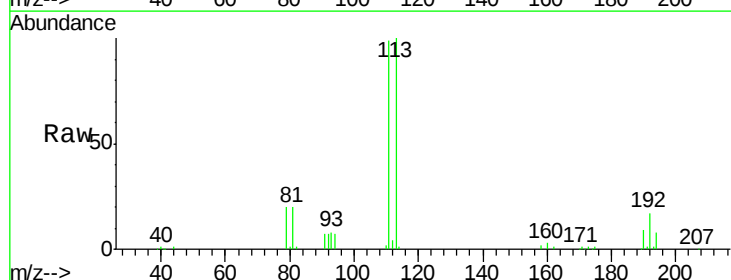
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0544

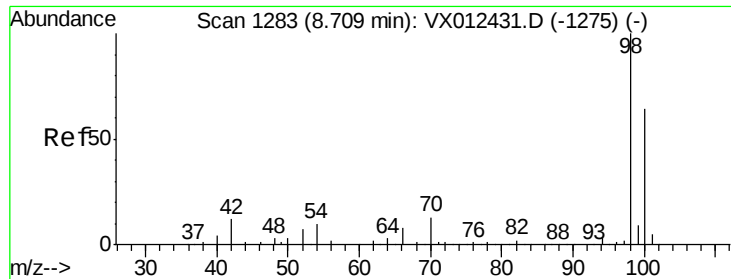
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	16.7	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 50.151 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012642.D
 Acq: 24 Sep 2019 18:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.2
192	17.3	14.4	21.6

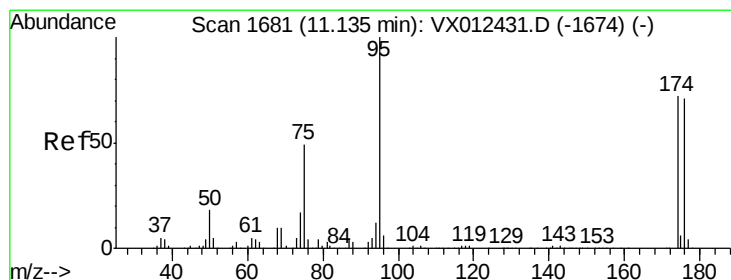
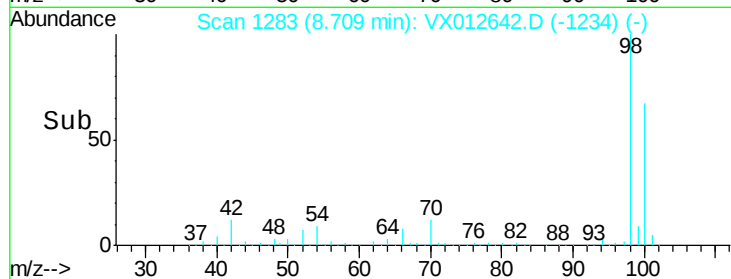
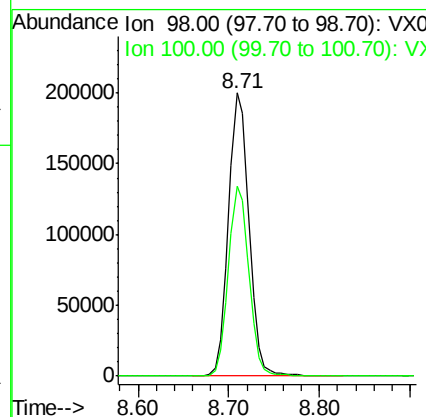
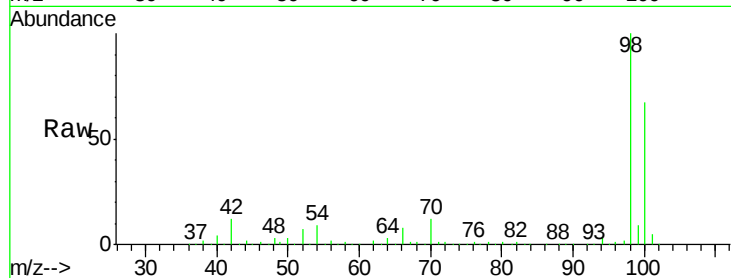




#50
Toluene-d8
Concen: 50.680 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

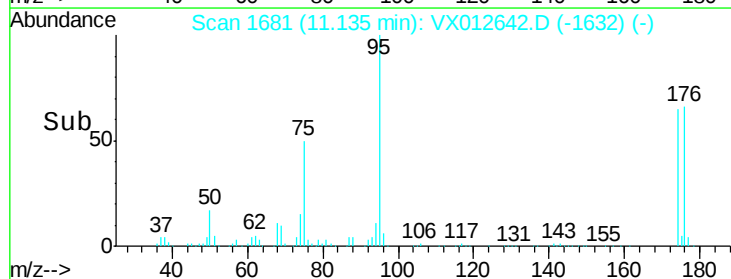
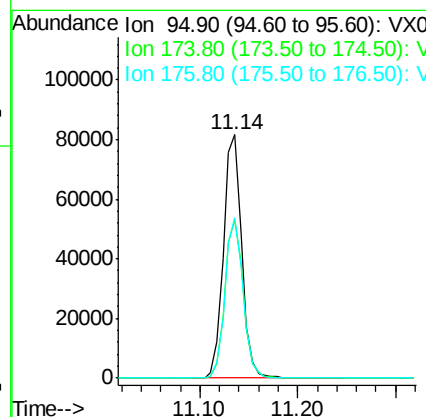
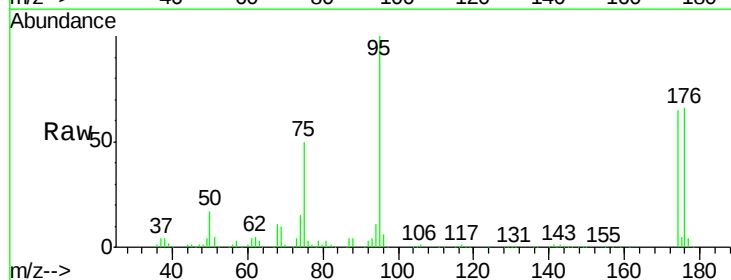
Instrument :
MSVOA_X
ClientSampleId :
S49-0544

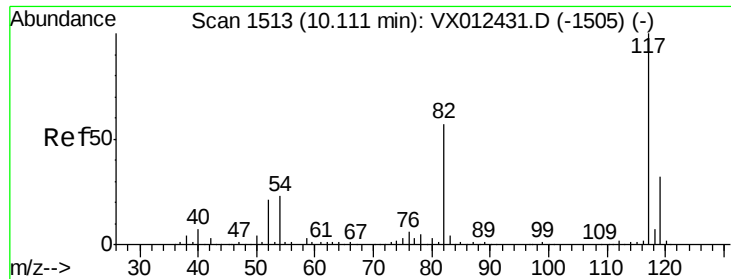
Tot Ion: 98 Resp: 316281
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 42.884 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 95 Resp: 105232
Ion Ratio Lower Upper
95 100
174 66.0 0.0 140.0
176 65.4 0.0 135.4

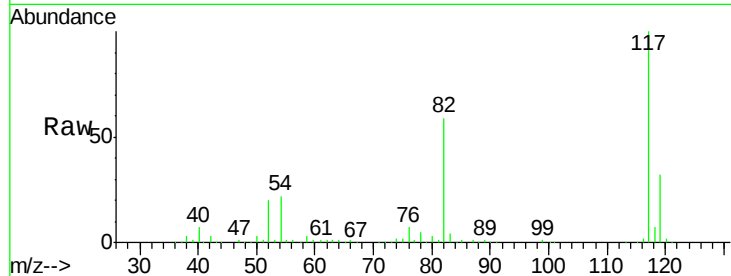




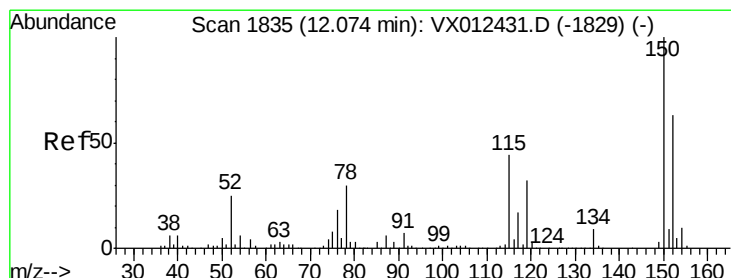
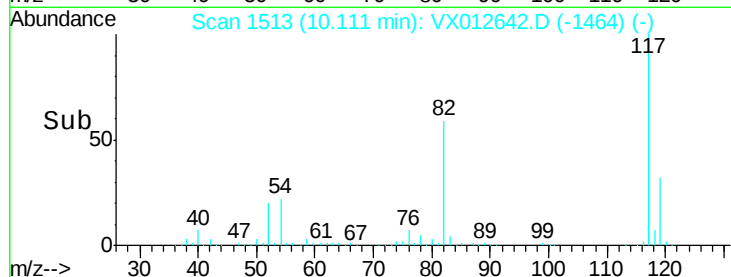
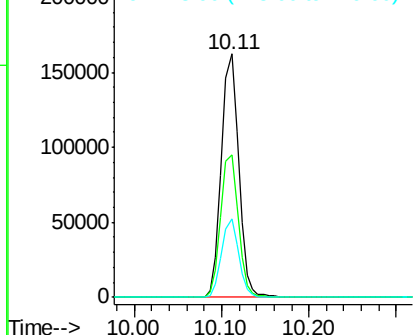
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tot Ion:117 Resp: 223631
Ion Ratio Lower Upper
117 100
82 58.7 45.9 68.9
119 32.0 25.3 37.9

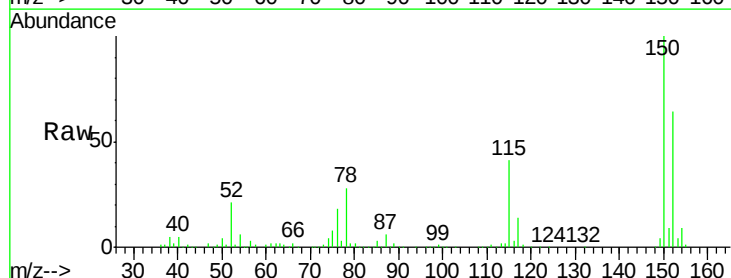


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion:152 Resp: 83652
Ion Ratio Lower Upper
152 100
115 65.8 44.1 132.3
150 158.2 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

