

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012677.D
 Acq On : 26 Sep 2019 16:26
 Operator : JC/SP
 Sample : K5048-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0529

Quant Time: Sep 27 00:58:19 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

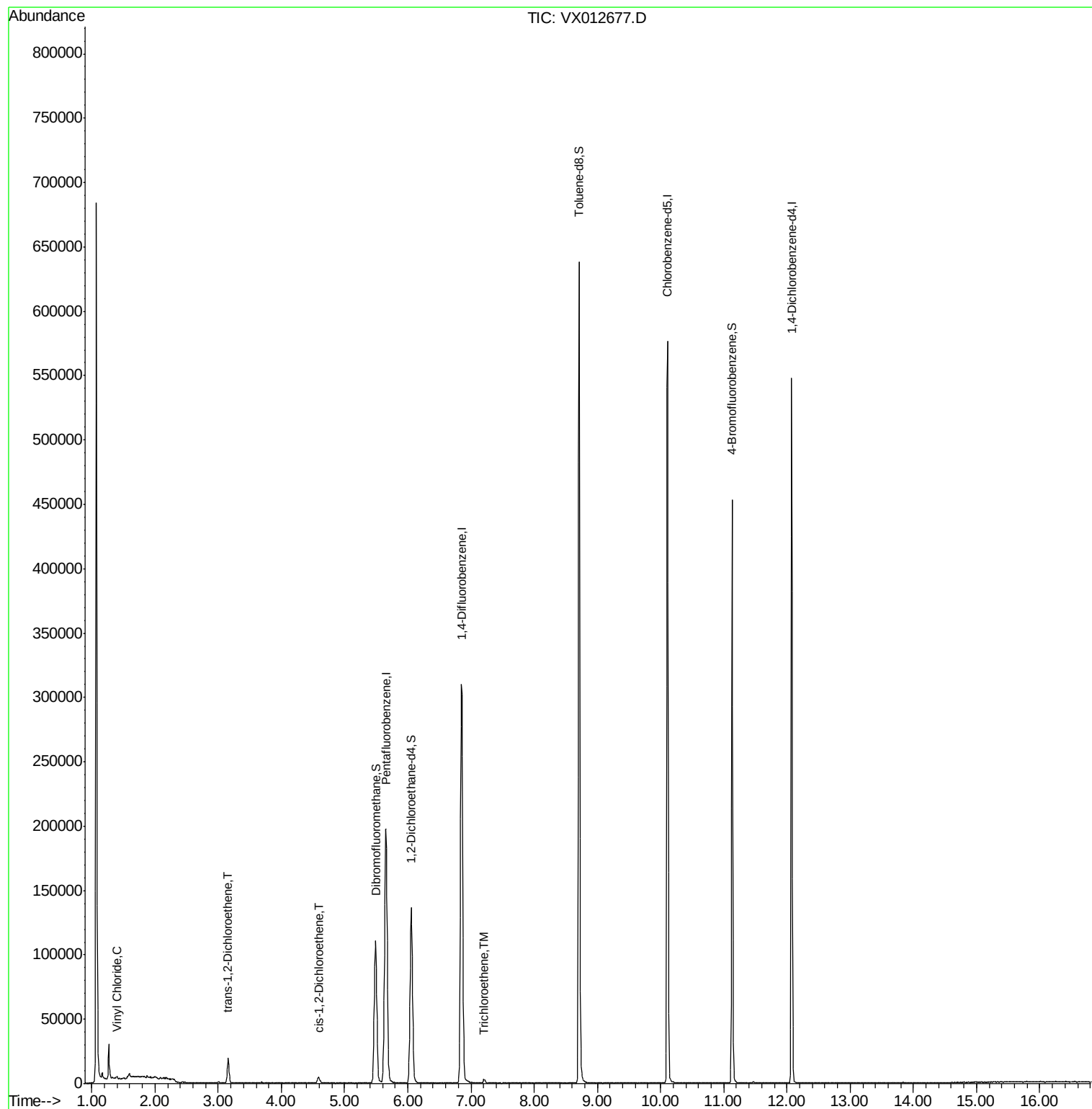
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133911	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
35) Dibromofluoromethane	5.49	113	95403	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	8.71	98	371830	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	128838	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1081	0.476	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	7912	3.753	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	2691	1.100	ug/l	87
44) Trichloroethene	7.21	130	1070	0.478	ug/l	95

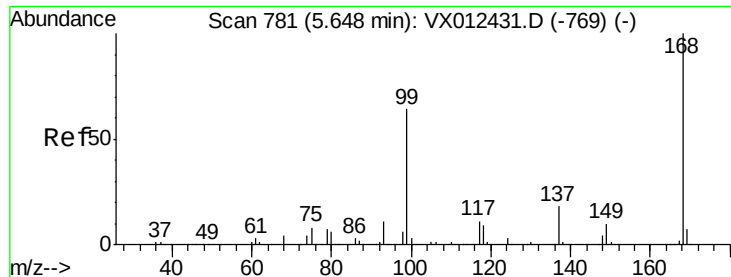
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012677.D

Acq: 26 Sep 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

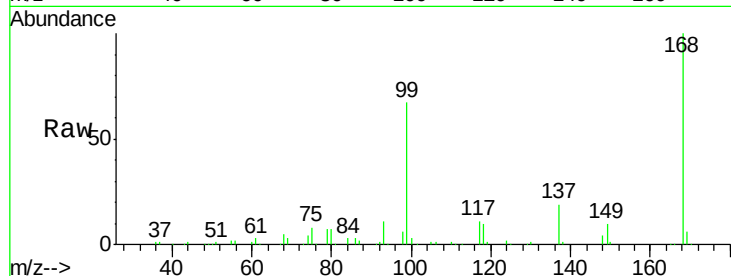
S49-0529

Tot Ion:168 Resp: 176972

Ion Ratio Lower Upper

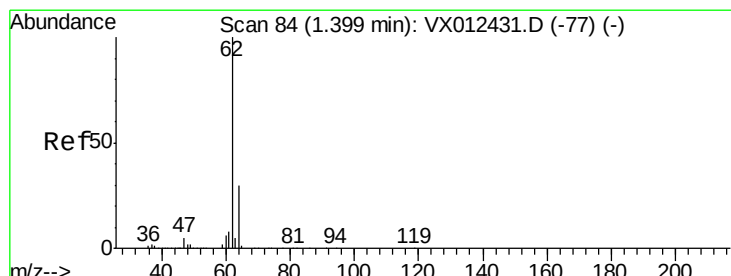
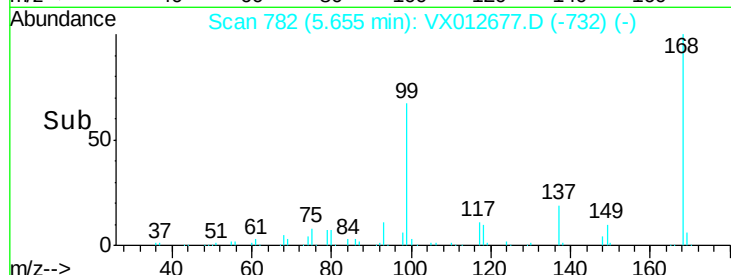
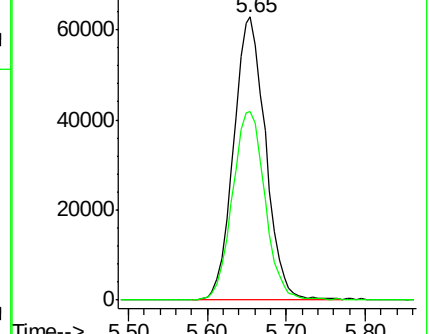
168 100

99 66.6 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: 0.476 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012677.D

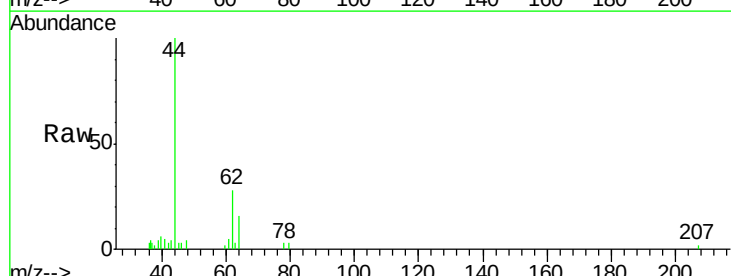
Acq: 26 Sep 2019 16:26

Tgt Ion: 62 Resp: 1081

Ion Ratio Lower Upper

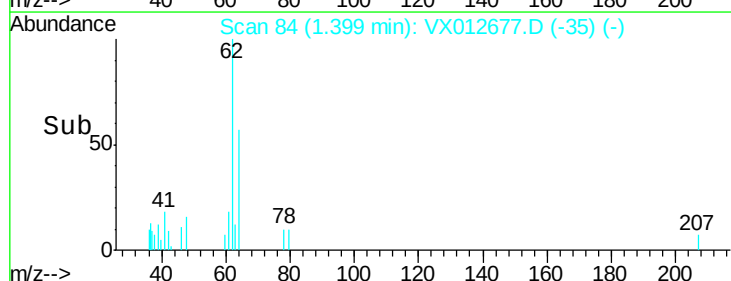
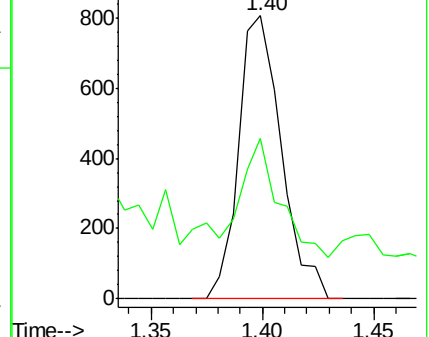
62 100

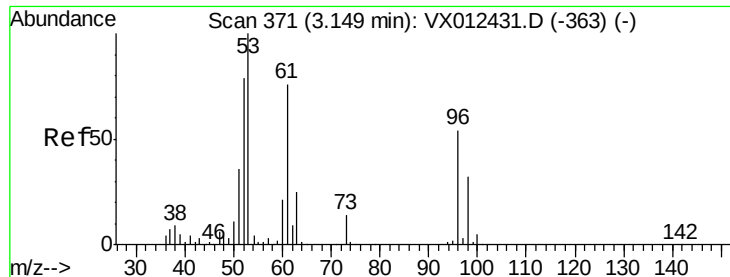
64 36.0 24.2 36.2



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: 3.753 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012677.D

Acq: 26 Sep 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0529

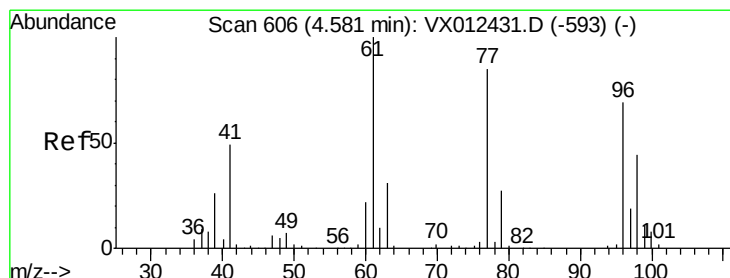
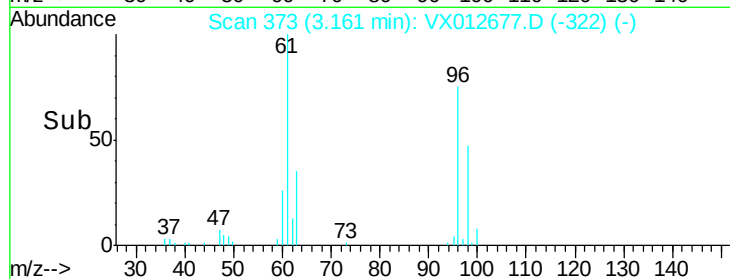
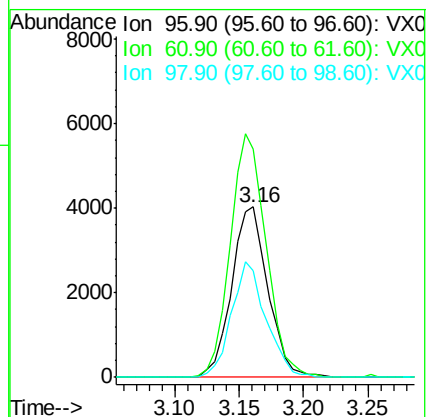
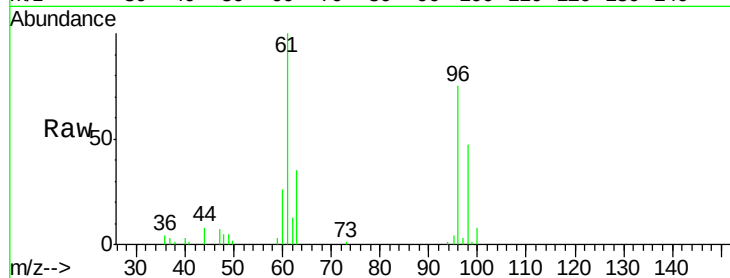
Tot Ion: 96 Resp: 7912

Ion Ratio Lower Upper

96 100

61 133.8 112.0 168.0

98 62.9 47.8 71.8



#27

cis-1,2-Dichloroethene

Concen: 1.100 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012677.D

Acq: 26 Sep 2019 16:26

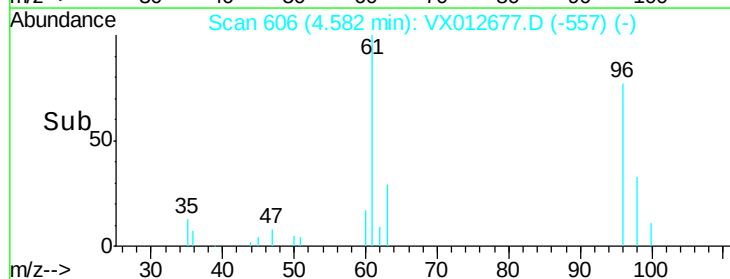
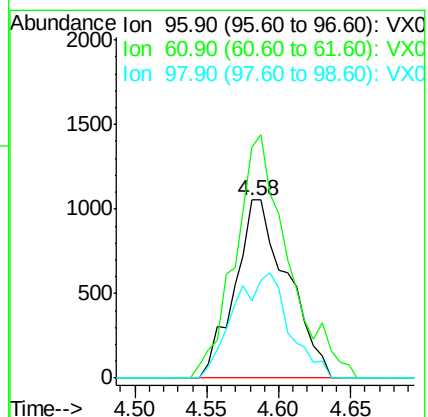
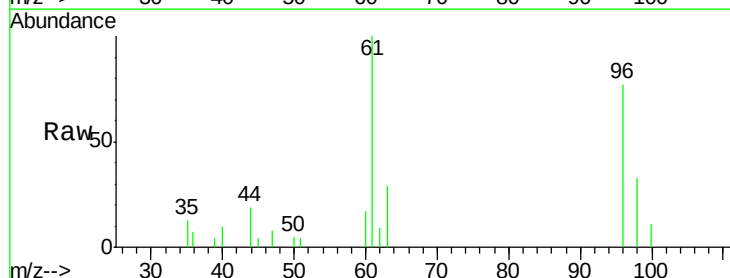
Tgt Ion: 96 Resp: 2691

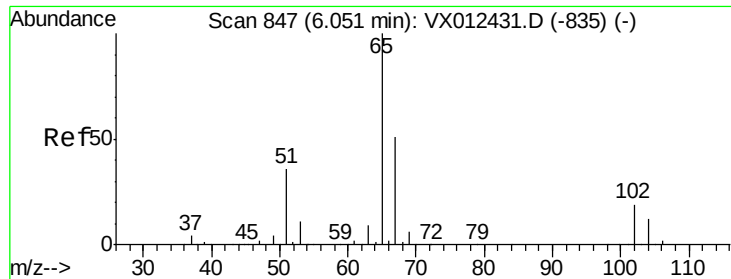
Ion Ratio Lower Upper

96 100

61 136.8 0.0 319.4

98 62.2 0.0 130.6

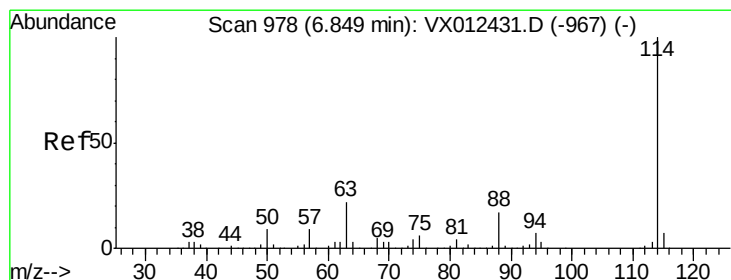
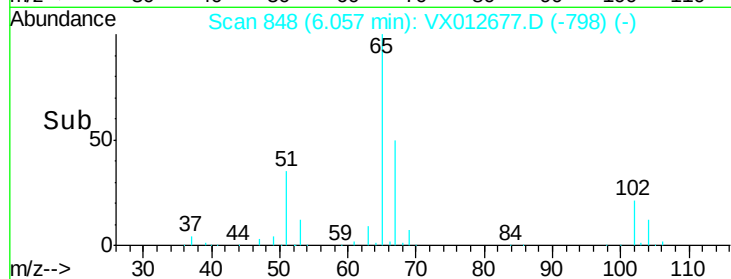
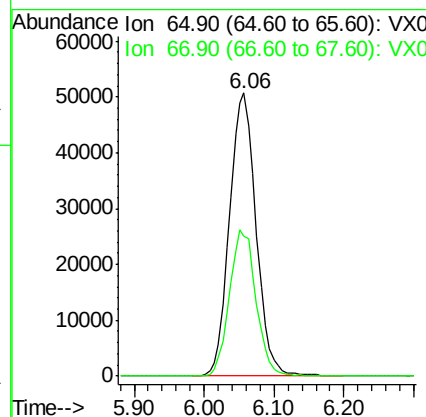
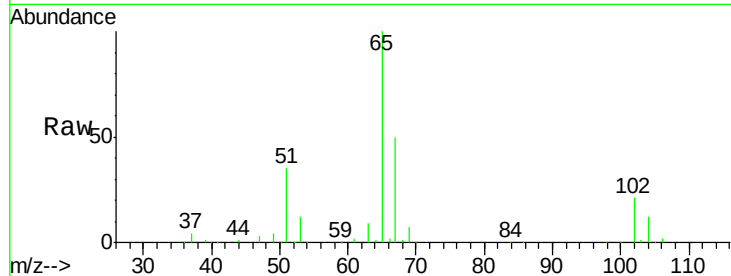




#33
 1,2-Dichloroethane-d4
 Concen: 51.963 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012677.D
 Acq: 26 Sep 2019 16:26

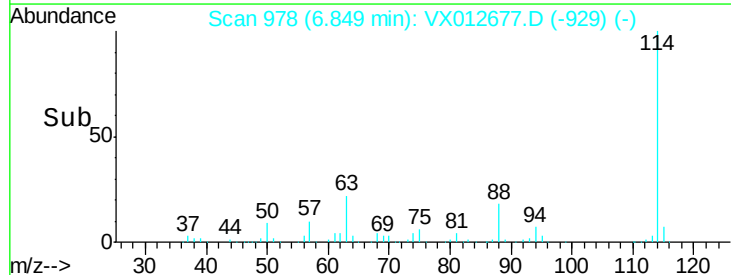
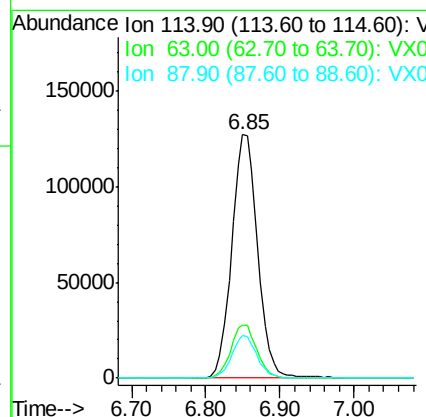
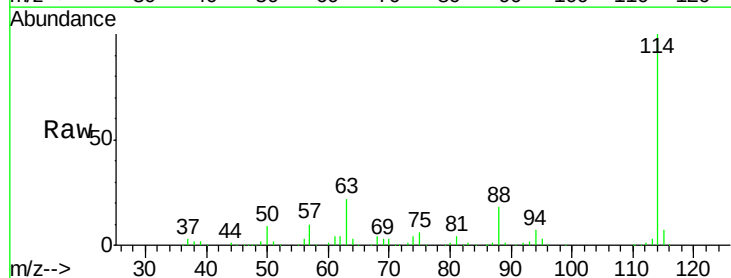
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0529

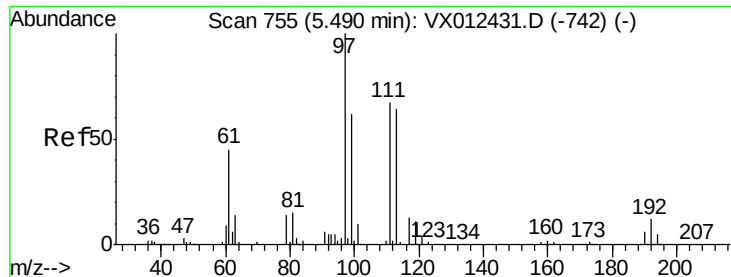
Tot Ion: 65 Resp: 133911
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012677.D
 Acq: 26 Sep 2019 16:26

Tgt Ion: 114 Resp: 308879
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 17.7 0.0 33.2

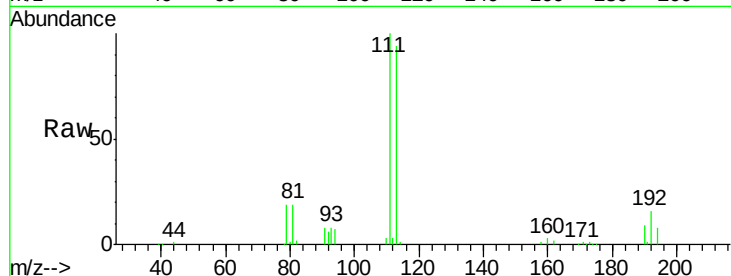




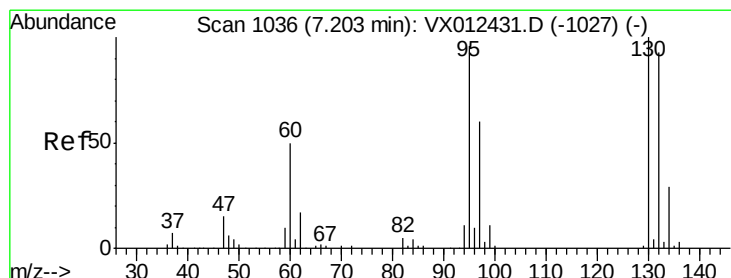
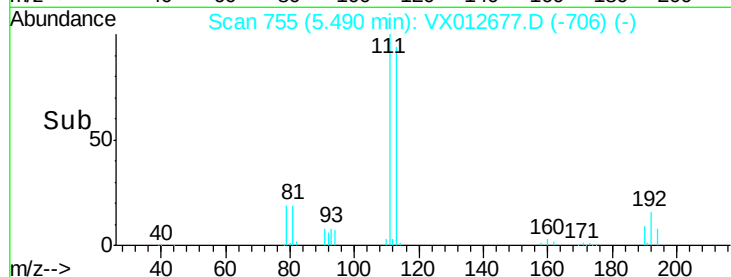
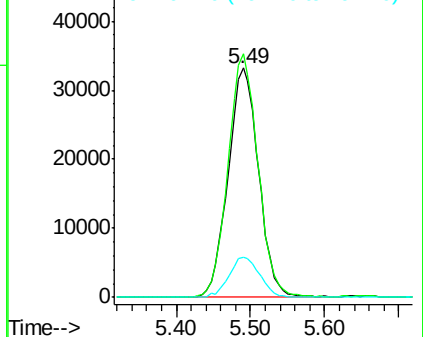
#35
 Dibromofluoromethane
 Concen: 51.863 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012677.D
 Acq: 26 Sep 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0529

Tot Ion:113 Resp: 95403
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.2
 192 17.8 14.4 21.6

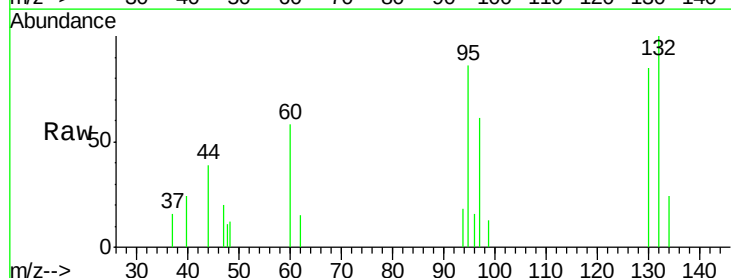


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

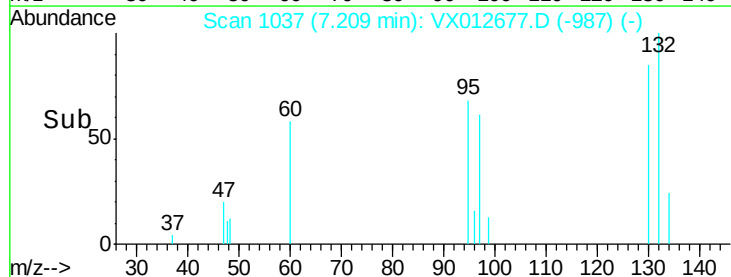
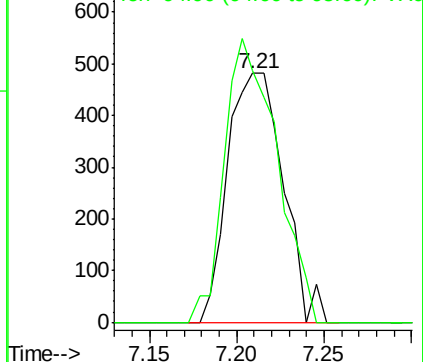


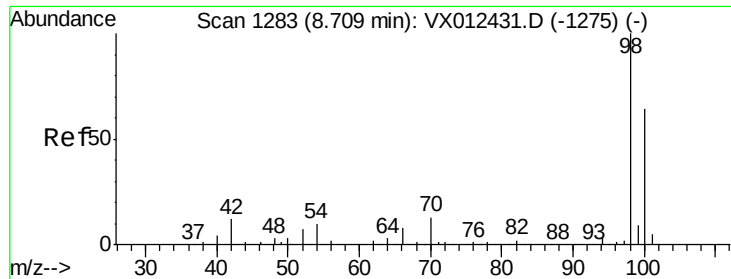
#44
 Trichloroethene
 Concen: 0.478 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012677.D
 Acq: 26 Sep 2019 16:26

Tgt Ion:130 Resp: 1070
 Ion Ratio Lower Upper
 130 100
 95 101.2 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V

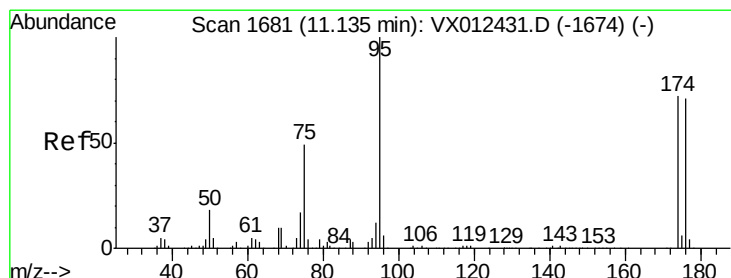
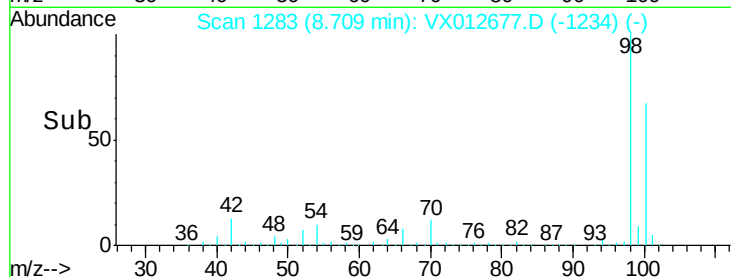
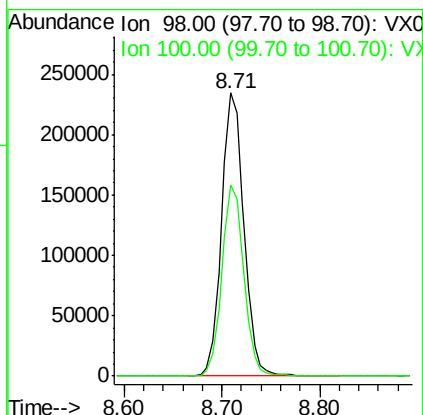
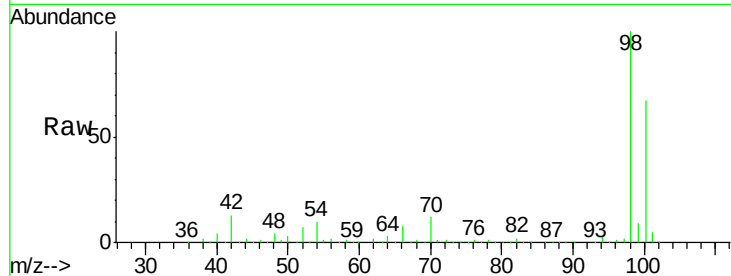




#50
Toluene-d8
Concen: 52.488 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

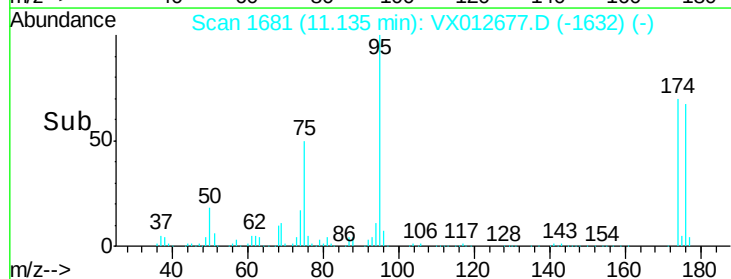
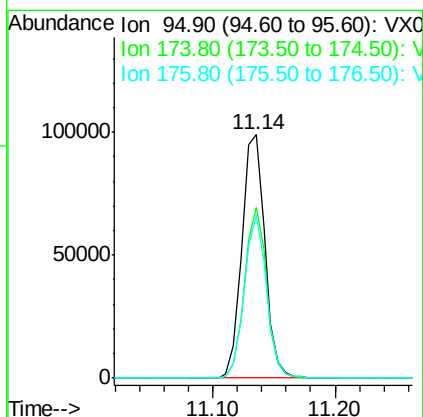
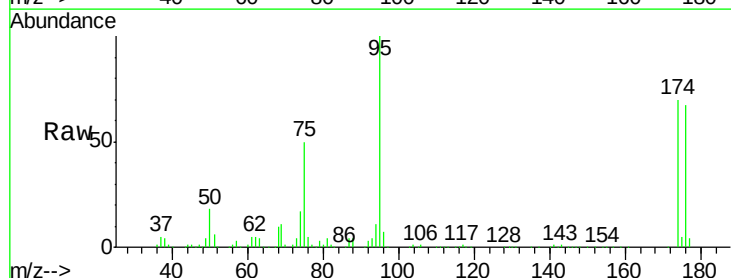
Instrument :
MSVOA_X
ClientSampleId :
S49-0529

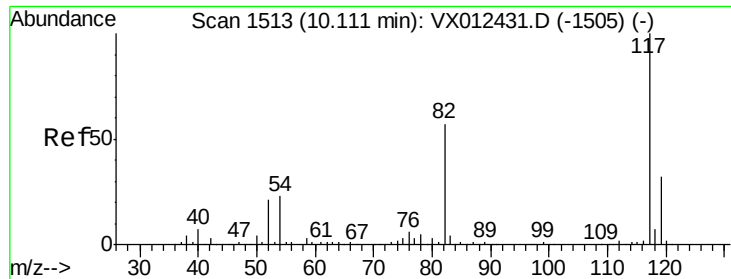
Tot Ion: 98 Resp: 371830
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 46.254 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion: 95 Resp: 128838
Ion Ratio Lower Upper
95 100
174 67.4 0.0 140.0
176 64.9 0.0 135.4

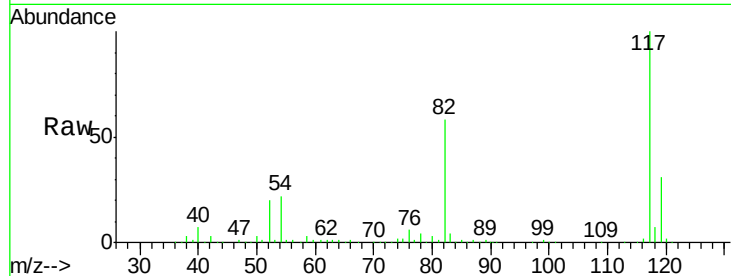




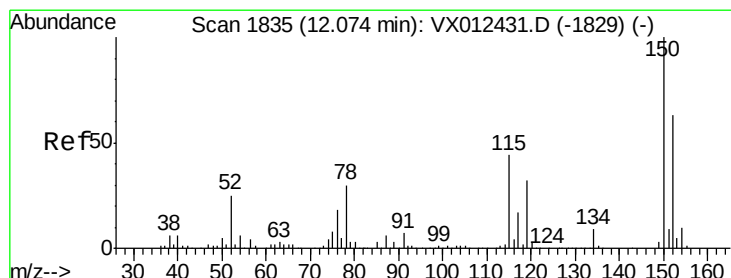
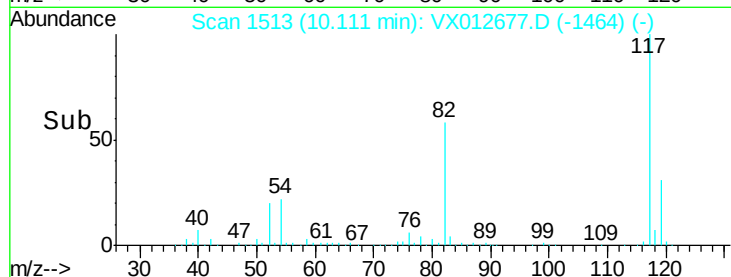
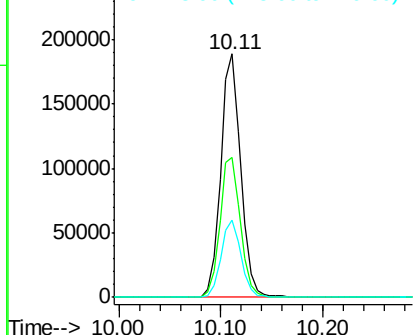
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tot Ion:117 Resp: 258300
Ion Ratio Lower Upper
117 100
82 57.6 45.9 68.9
119 31.5 25.3 37.9

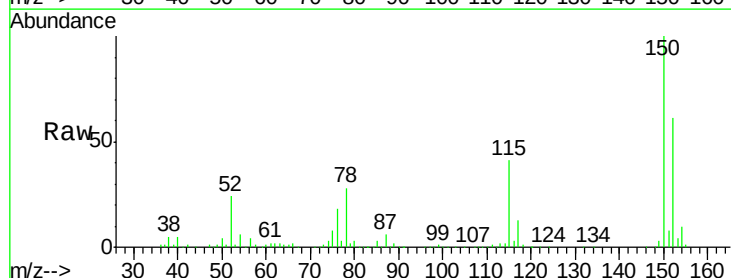


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion:152 Resp: 100034
Ion Ratio Lower Upper
152 100
115 66.0 44.1 132.3
150 157.4 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

