

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012679.D
 Acq On : 26 Sep 2019 17:13
 Operator : JC/SP
 Sample : K5048-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0534

Quant Time: Sep 27 01:06:34 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

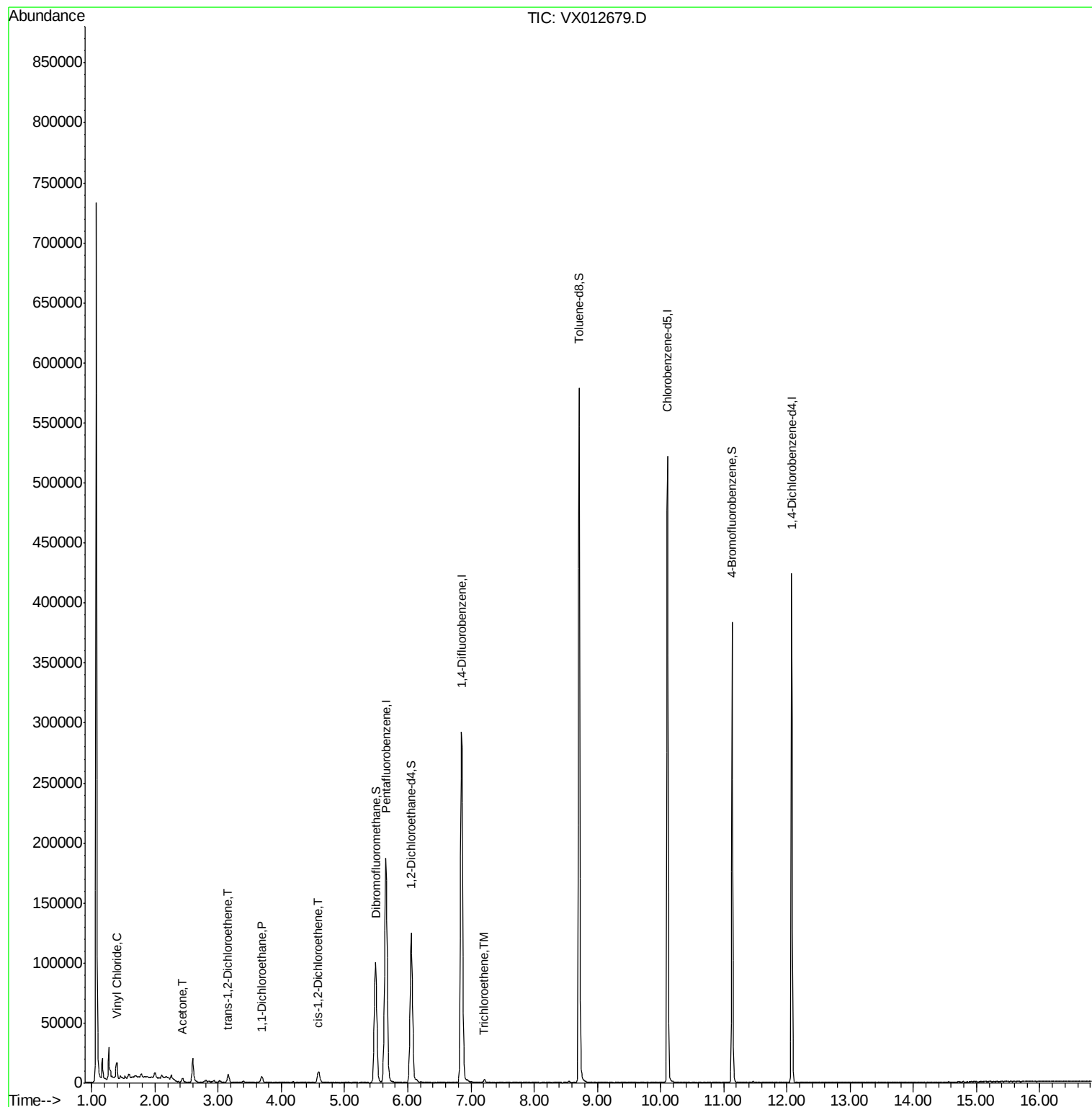
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121965	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
35) Dibromofluoromethane	5.49	113	85507	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	8.71	98	337593	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.14	95	109482	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	3487	1.675	ug/l	90
16) Acetone	2.44	43	3773	3.017	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	2515	1.302	ug/l	87
24) 1,1-Dichloroethane	3.69	63	5614	1.545	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	5517	2.462	ug/l	86
44) Trichloroethene	7.22	130	1124	0.542	ug/l	85

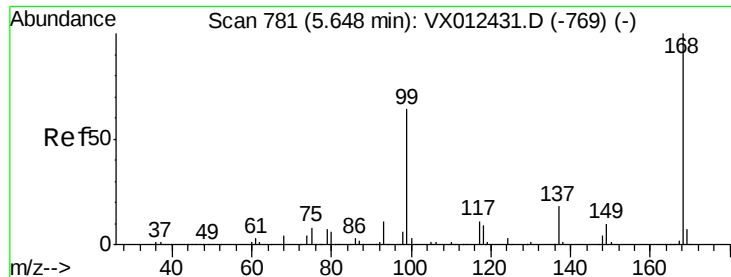
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012679.D

Acq: 26 Sep 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

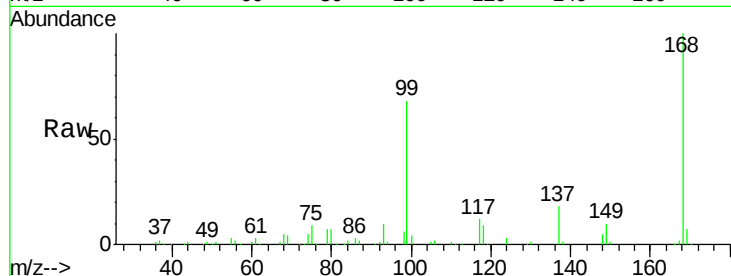
S49-0534

Tot Ion:168 Resp: 162151

Ion Ratio Lower Upper

168 100

99 68.1 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

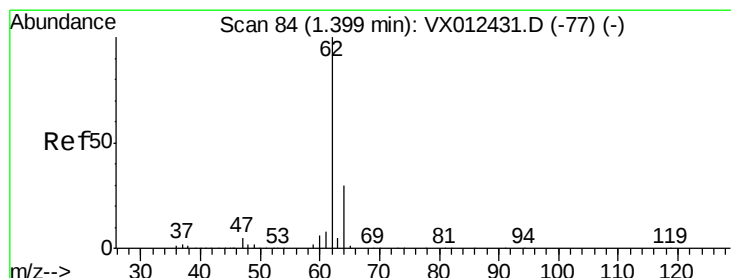
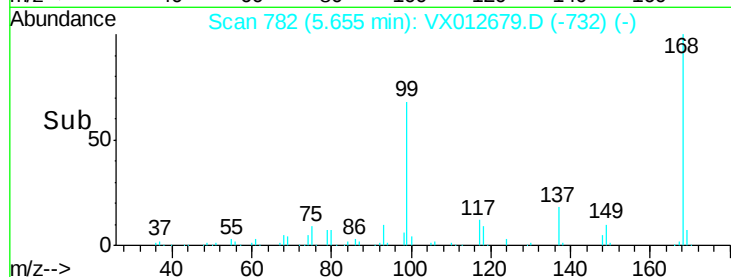
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.675 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012679.D

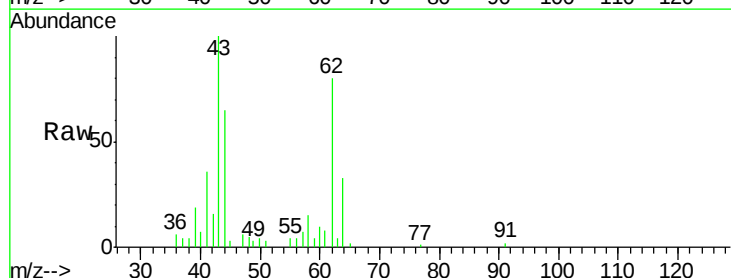
Acq: 26 Sep 2019 17:13

Tgt Ion: 62 Resp: 3487

Ion Ratio Lower Upper

62 100

64 35.9 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

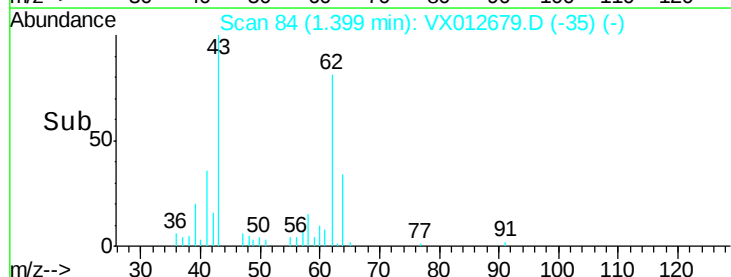
3000

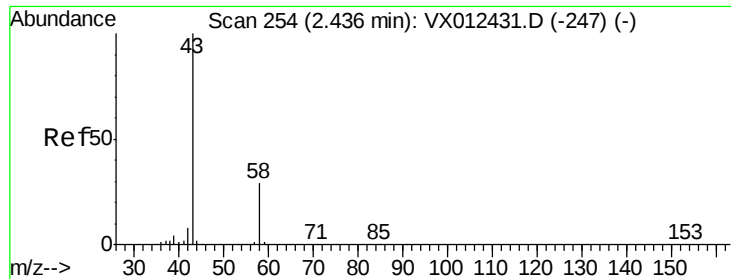
2000

1000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 3.017 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012679.D

Acq: 26 Sep 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

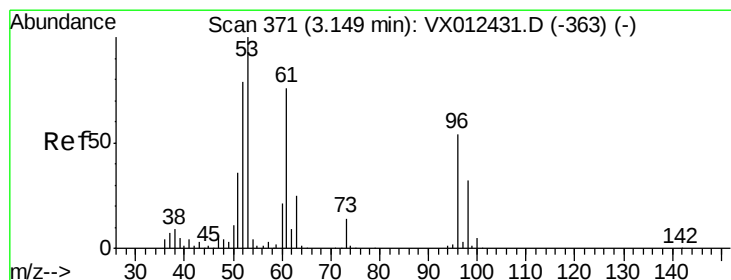
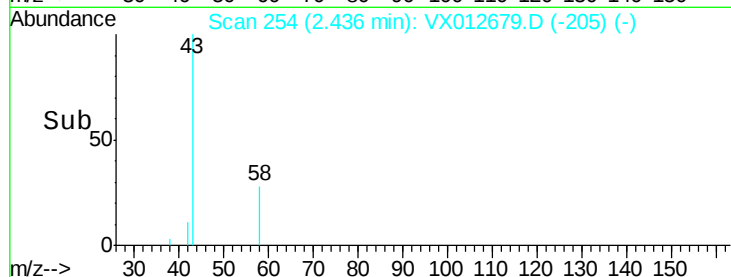
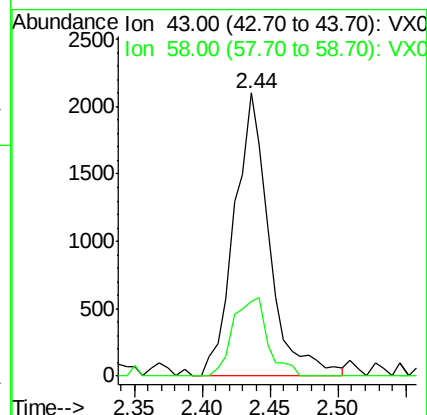
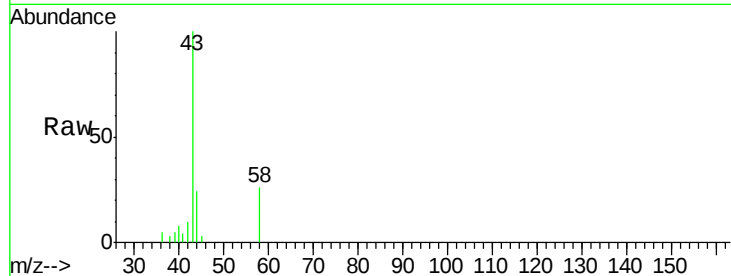
S49-0534

Tot Ion: 43 Resp: 3773

Ion Ratio Lower Upper

43 100

58 26.2 23.3 34.9



#21

trans-1,2-Dichloroethene

Concen: 1.302 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012679.D

Acq: 26 Sep 2019 17:13

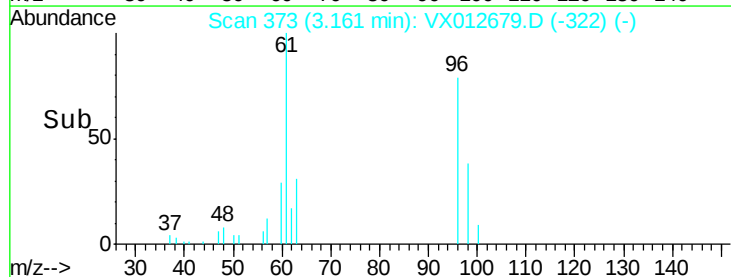
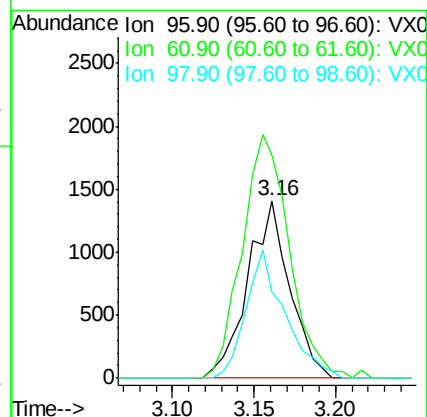
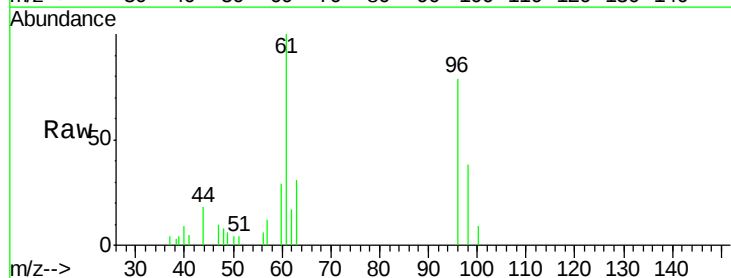
Tgt Ion: 96 Resp: 2515

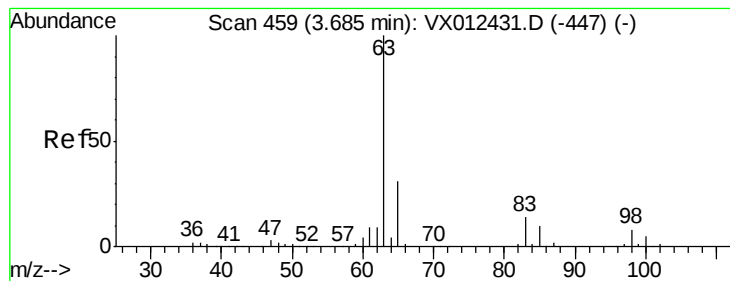
Ion Ratio Lower Upper

96 100

61 125.9 112.0 168.0

98 48.3 47.8 71.8





#24

1,1-Dichloroethane

Concen: 1.545 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012679.D

Acq: 26 Sep 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

S49-0534

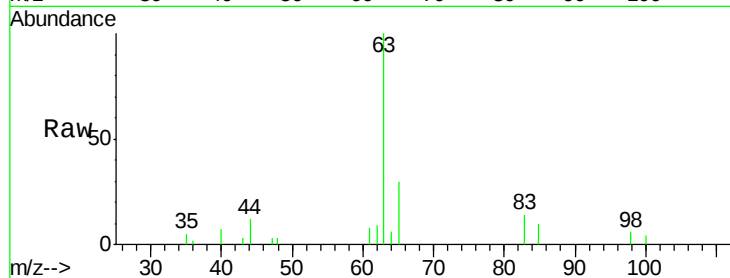
Tot Ion: 63 Resp: 5614

Ion Ratio Lower Upper

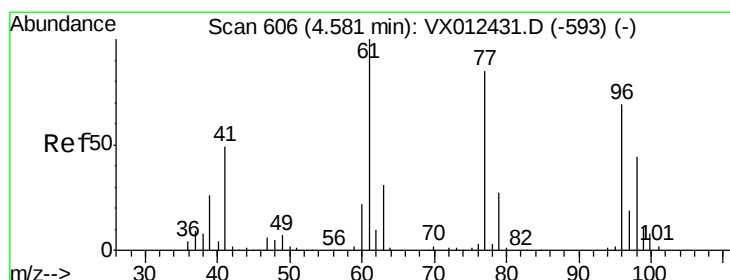
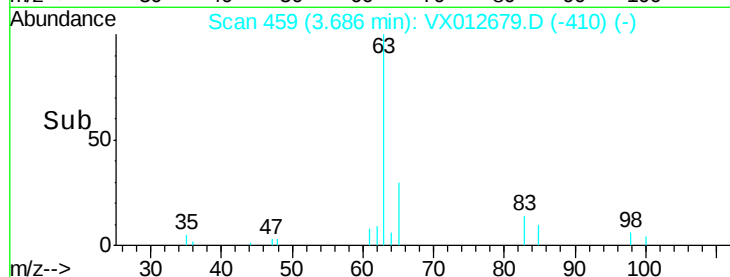
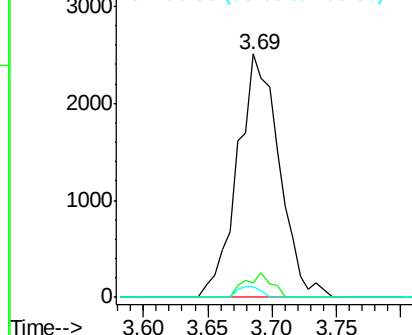
63 100

98 6.1 3.9 11.7

100 4.2 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: 2.462 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012679.D

Acq: 26 Sep 2019 17:13

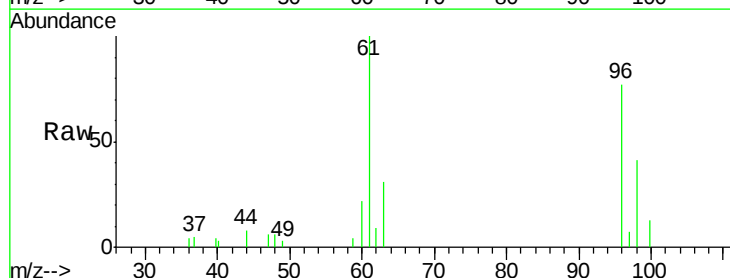
Tgt Ion: 96 Resp: 5517

Ion Ratio Lower Upper

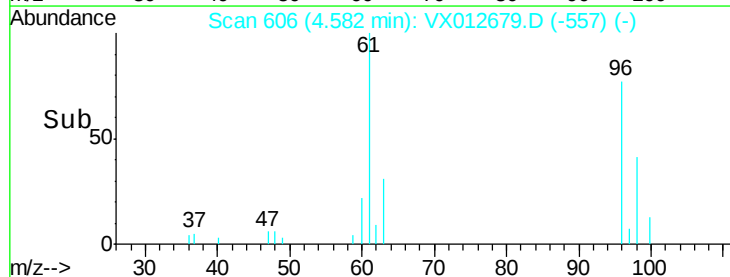
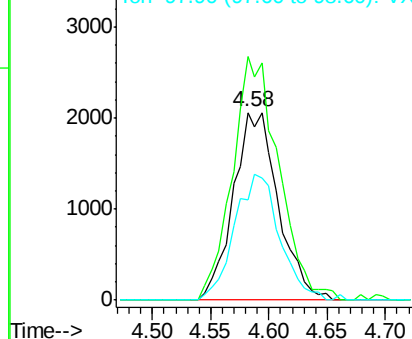
96 100

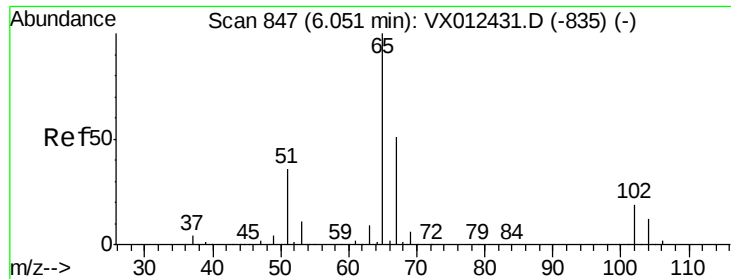
61 134.3 0.0 319.4

98 67.4 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

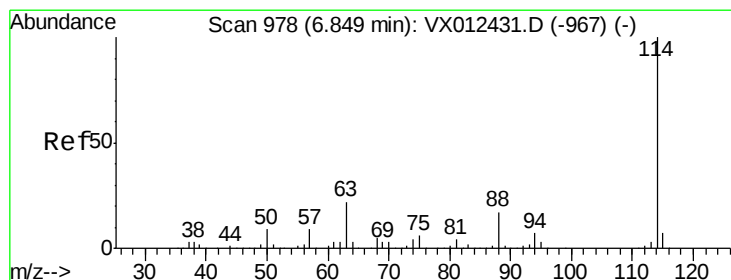
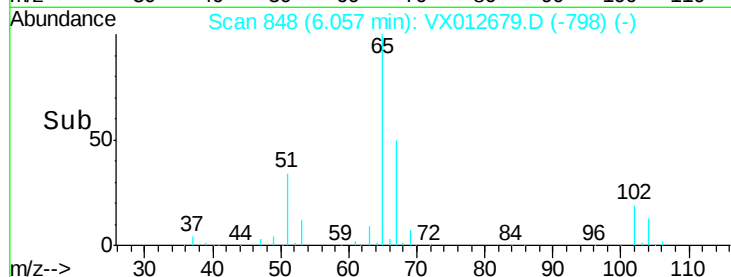
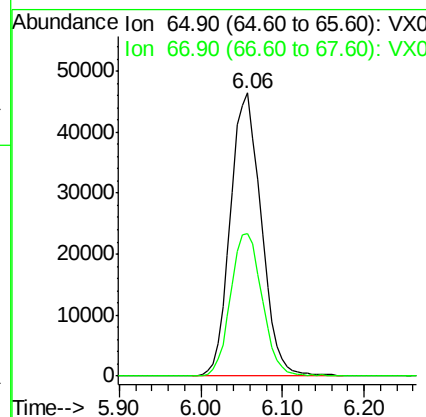
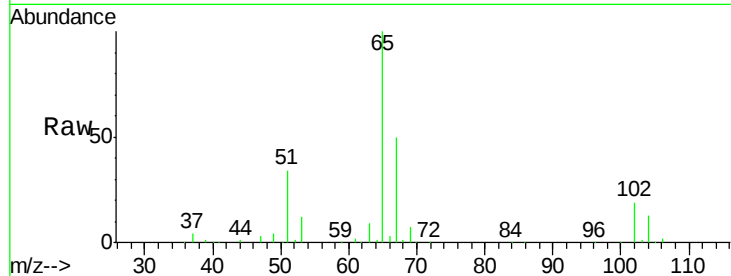




#33
 1,2-Dichloroethane-d4
 Concen: 51.653 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012679.D
 Acq: 26 Sep 2019 17:13

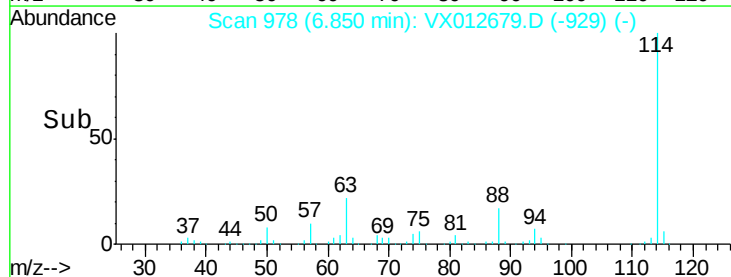
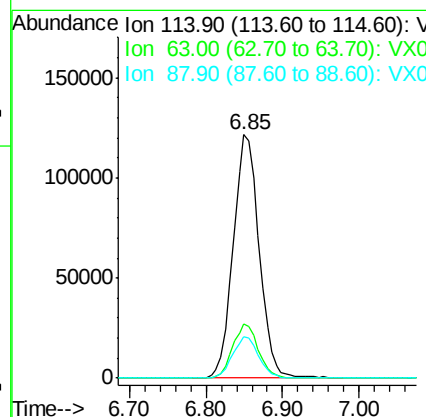
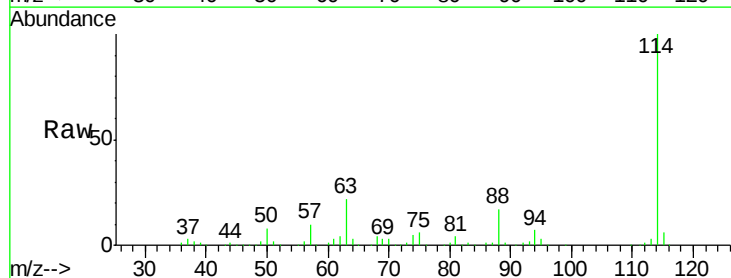
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0534

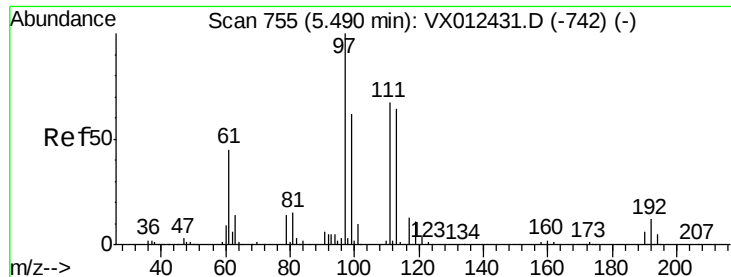
Tot Ion: 65 Resp: 121965
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012679.D
 Acq: 26 Sep 2019 17:13

Tgt Ion: 114 Resp: 285945
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.9 0.0 33.2

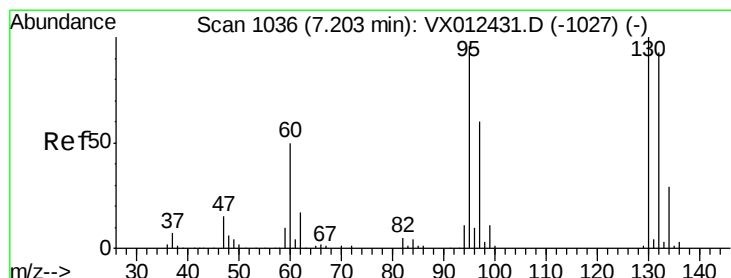
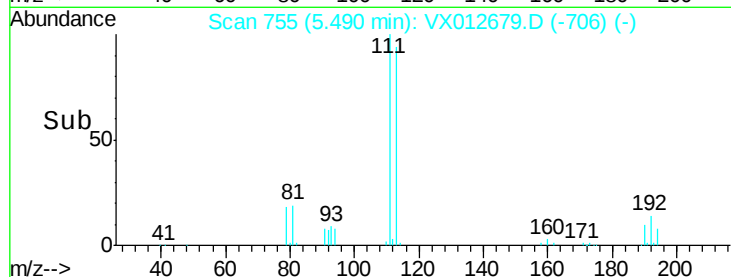
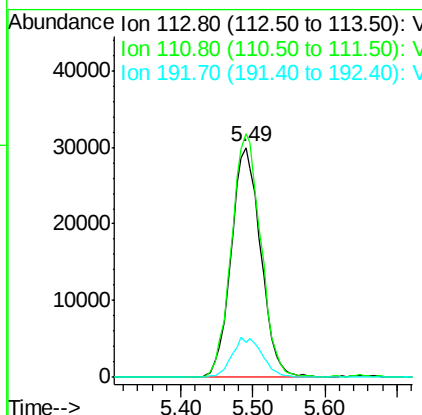
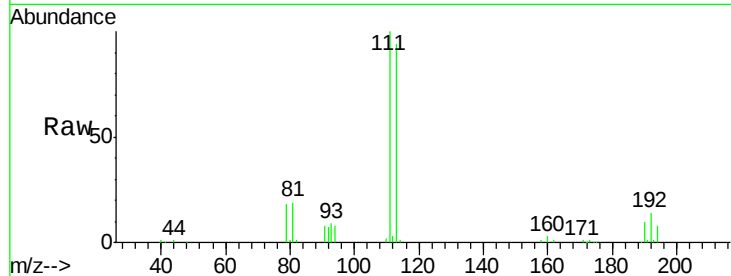




#35
 Dibromofluoromethane
 Concen: 50.212 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012679.D
 Acq: 26 Sep 2019 17:13

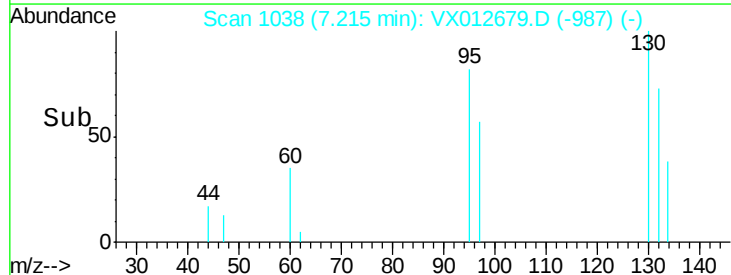
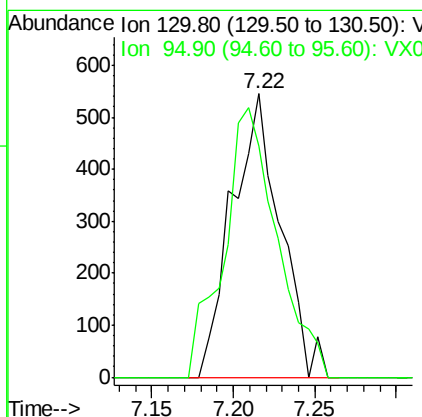
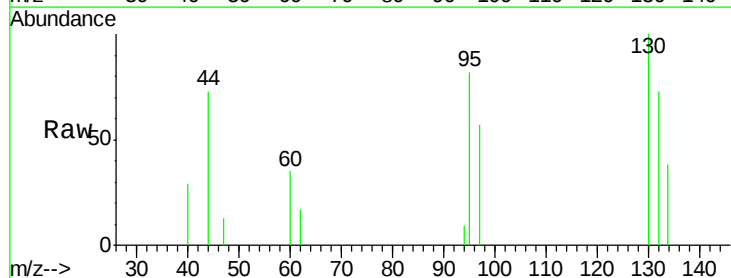
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0534

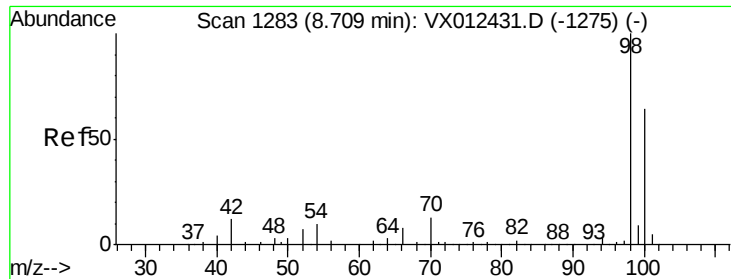
Tot Ion:113 Resp: 85507
 Ion Ratio Lower Upper
 113 100
 111 105.4 83.4 125.2
 192 17.7 14.4 21.6



#44
 Trichloroethene
 Concen: 0.542 ug/l
 RT: 7.22 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VX012679.D
 Acq: 26 Sep 2019 17:13

Tgt Ion:130 Resp: 1124
 Ion Ratio Lower Upper
 130 100
 95 81.7 0.0 193.0





#50

Toluene-d8

Concen: 51.477 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012679.D

Acq: 26 Sep 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

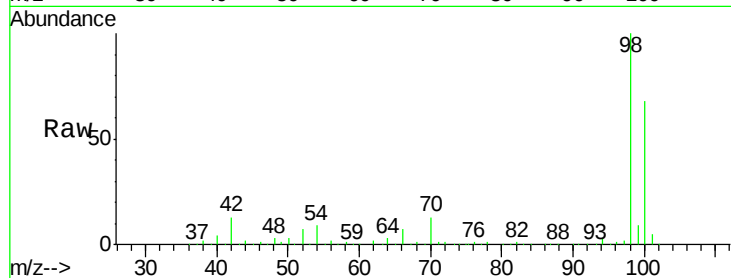
S49-0534

Tot Ion: 98 Resp: 337593

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

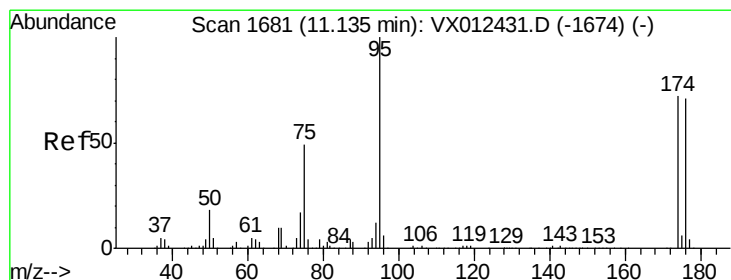
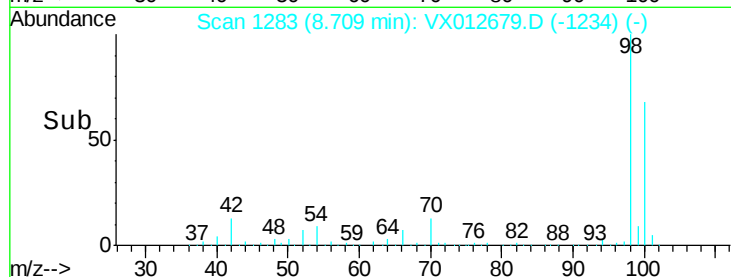
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 42.457 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012679.D

Acq: 26 Sep 2019 17:13

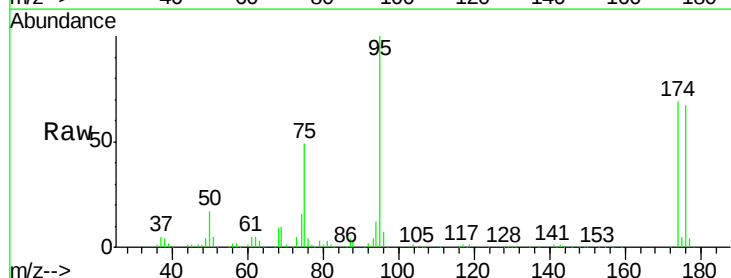
Tgt Ion: 95 Resp: 109482

Ion Ratio Lower Upper

95 100

174 67.5 0.0 140.0

176 64.6 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

11.14

100000

80000

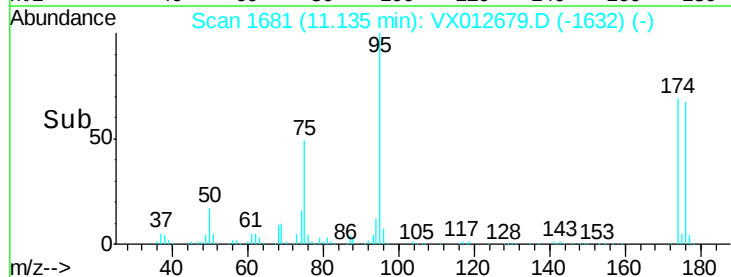
60000

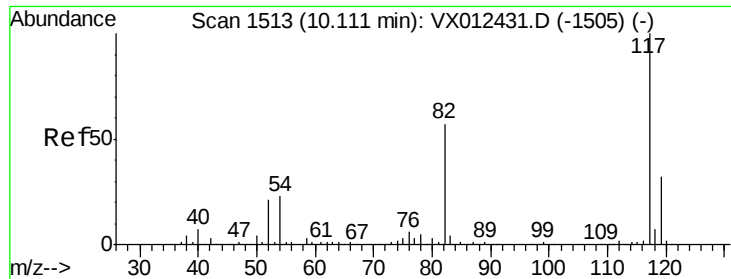
40000

20000

0

Time--> 11.10 11.20

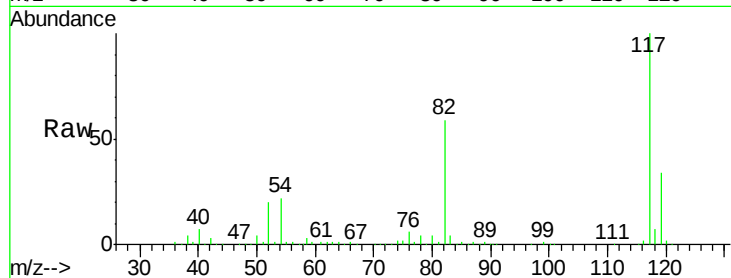




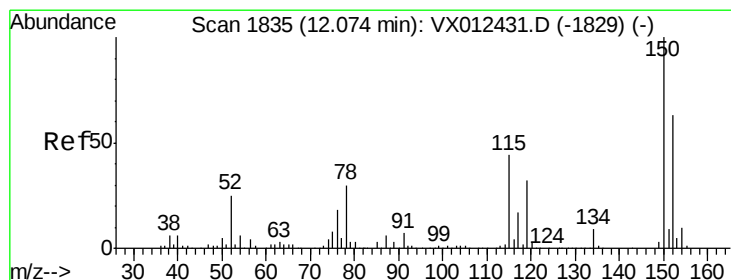
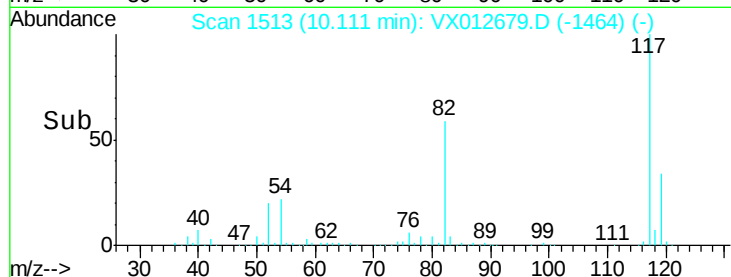
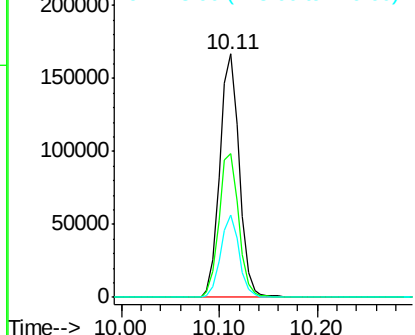
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012679.D
Acq: 26 Sep 2019 17:13

Instrument :
MSVOA_X
ClientSampled :
S49-0534

Tot Ion:117 Resp: 230613
Ion Ratio Lower Upper
117 100
82 59.0 45.9 68.9
119 33.7 25.3 37.9

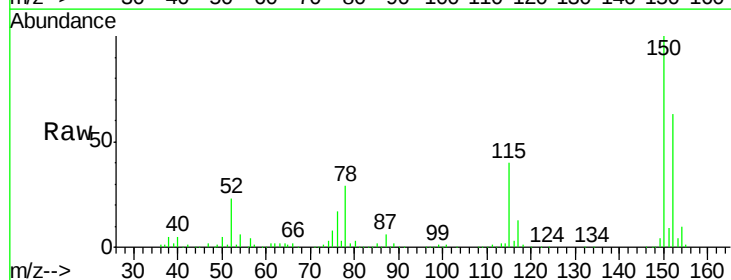


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012679.D
Acq: 26 Sep 2019 17:13

Tgt Ion:152 Resp: 78150
Ion Ratio Lower Upper
152 100
115 66.4 44.1 132.3
150 158.4 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

