

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012999.D
 Acq On : 10 Oct 2019 16:30
 Operator : JC/SP
 Sample : K5261-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555

Quant Time: Oct 11 07:42:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

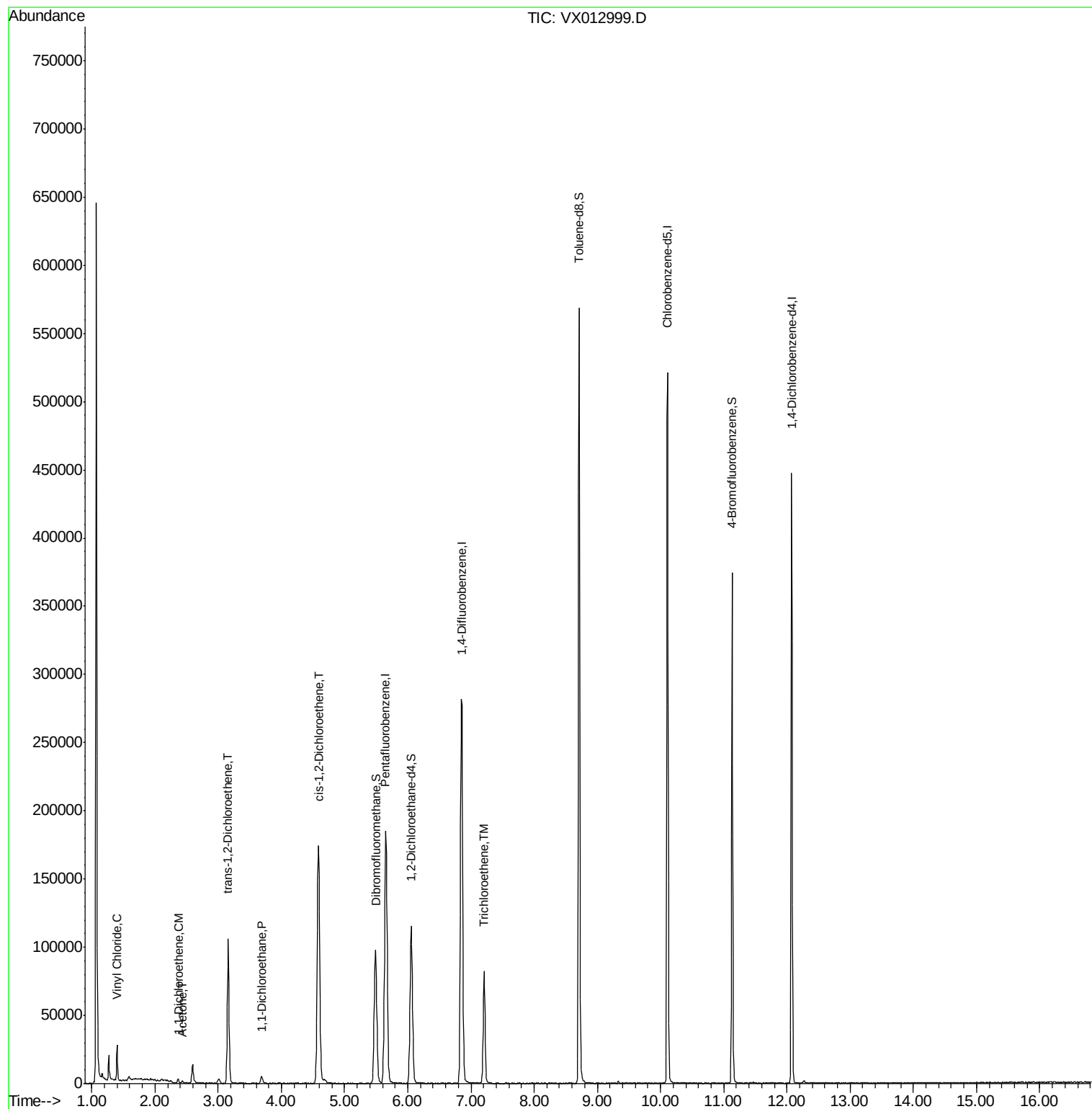
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	110730	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	5.49	113	85373	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	8.71	98	332359	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.14	95	107137	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
Target Compounds						
4) Vinyl Chloride	1.40	62	14862	7.538	ug/l	94
12) 1,1-Dichloroethene	2.37	96	1033	0.594	ug/l #	72
16) Acetone	2.44	43	1565	1.379	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	42674	22.879	ug/l	98
24) 1,1-Dichloroethane	3.69	63	5277	1.580	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	110602	51.444	ug/l	89
44) Trichloroethene	7.21	130	31382	15.207	ug/l	98

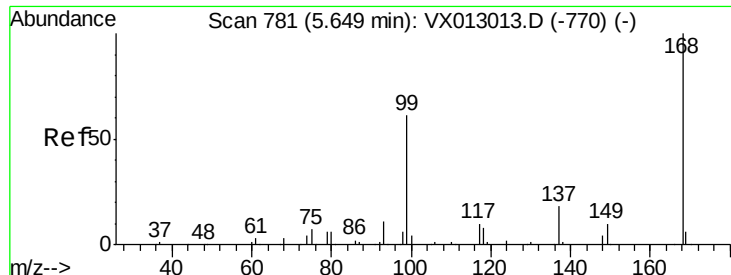
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012999.D

Acq: 10 Oct 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

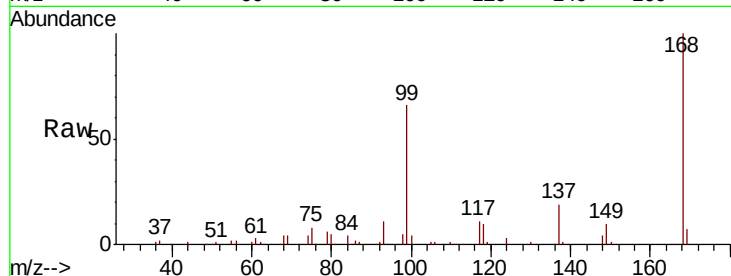
S49-0555

Tot Ion:168 Resp: 172202

Ion Ratio Lower Upper

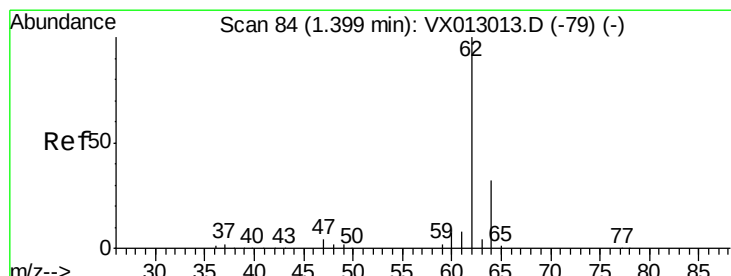
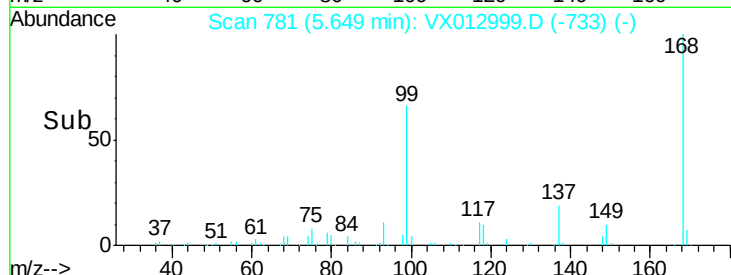
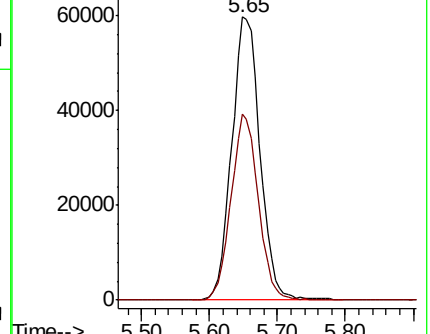
168 100

99 65.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 7.538 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012999.D

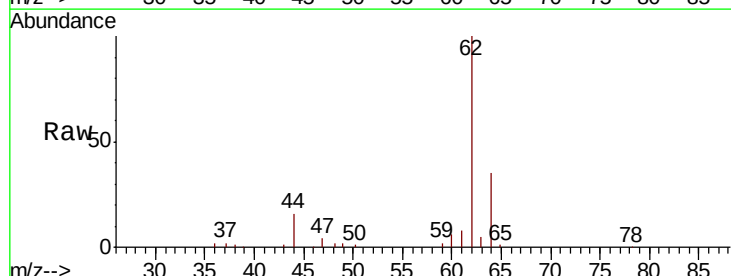
Acq: 10 Oct 2019 16:30

Tgt Ion: 62 Resp: 14862

Ion Ratio Lower Upper

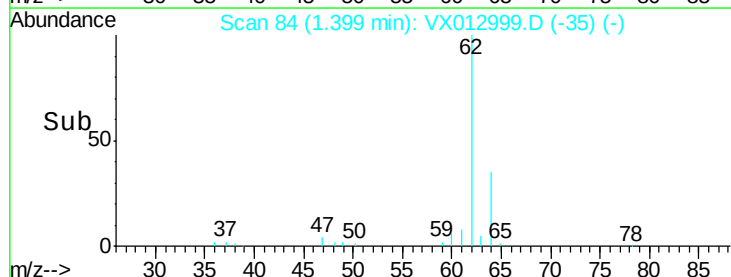
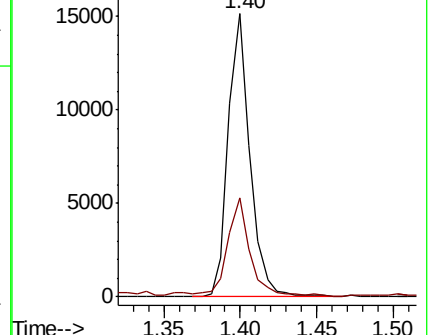
62 100

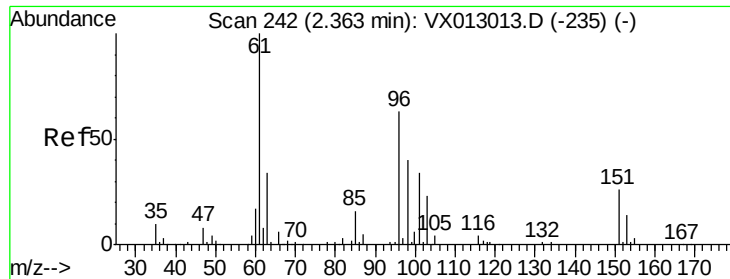
64 35.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

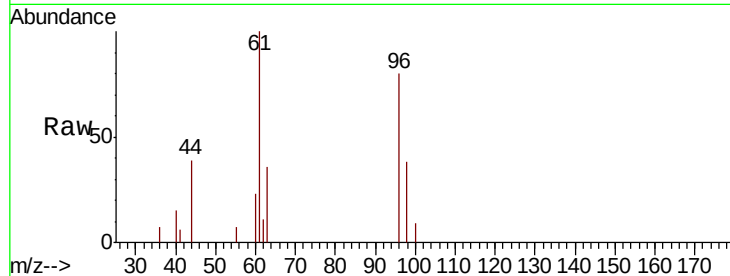




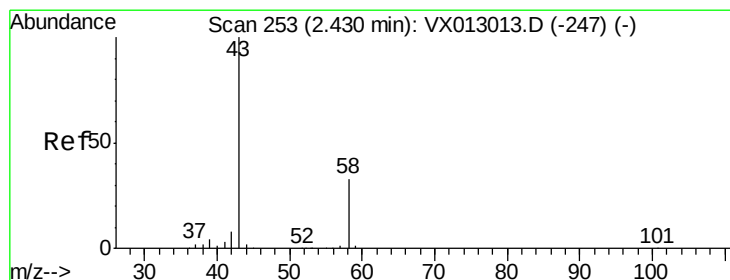
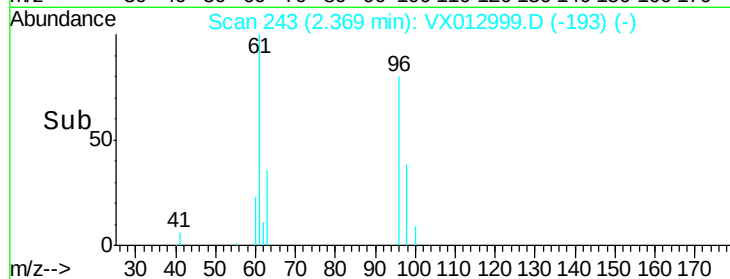
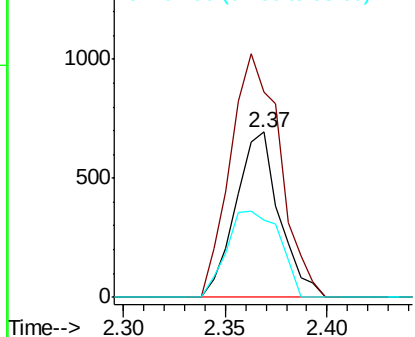
#12
 1,1-Dichloroethene
 Concen: 0.594 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX012999.D
 Acq: 10 Oct 2019 16:30

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0555

Tot Ion: 96 Resp: 1033
 Ion Ratio Lower Upper
 96 100
 61 124.2 132.2 198.4#
 98 46.6 50.5 75.7#

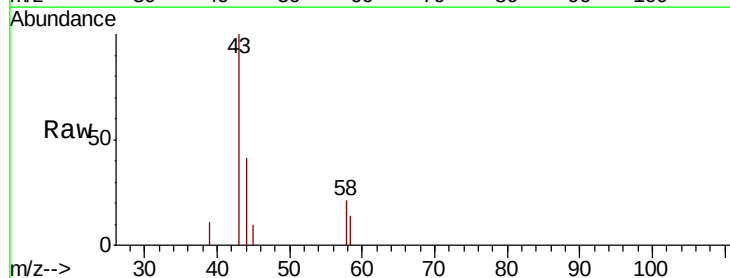


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

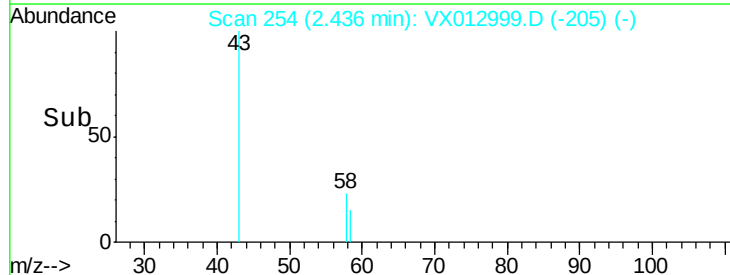
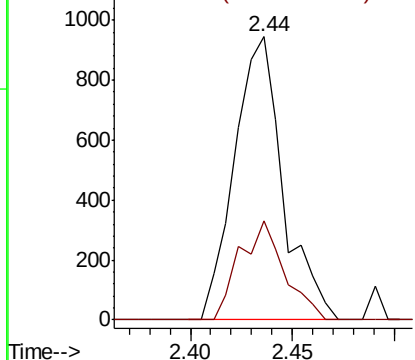


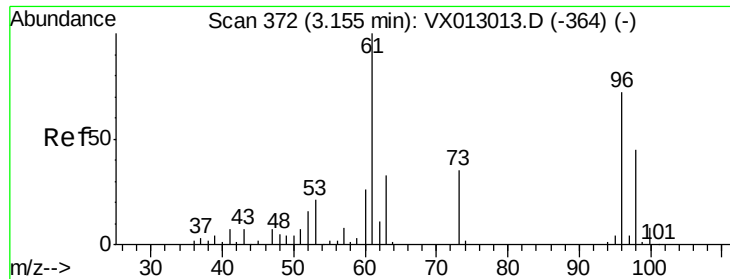
#16
 Acetone
 Concen: 1.379 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX012999.D
 Acq: 10 Oct 2019 16:30

Tgt Ion: 43 Resp: 1565
 Ion Ratio Lower Upper
 43 100
 58 34.9 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

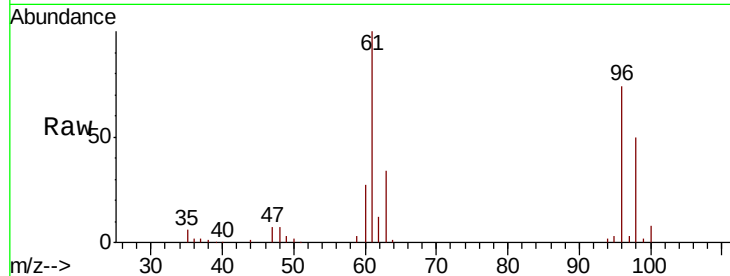




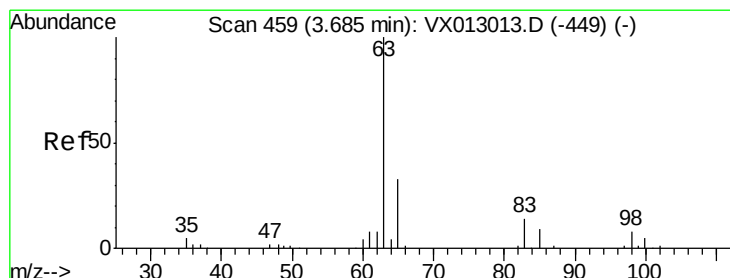
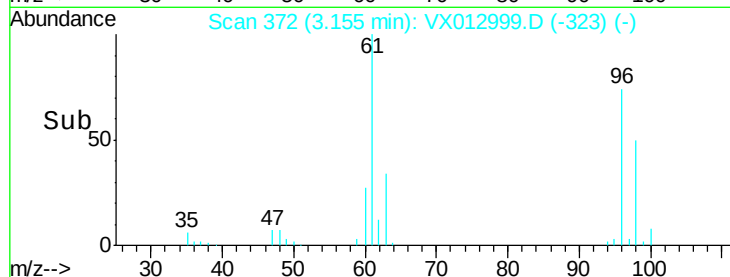
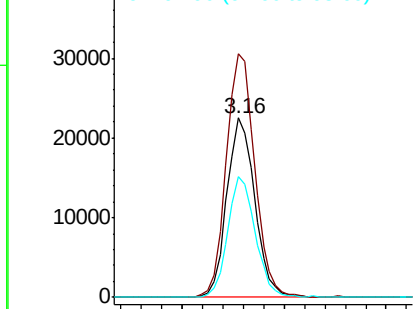
#21
trans-1,2-Dichloroethene
Concen: 22.879 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX012999.D
Acq: 10 Oct 2019 16:30

Instrument :
MSVOA_X
ClientSampleId :
S49-0555

Tot Ion: 96 Resp: 42674
Ion Ratio Lower Upper
96 100
61 135.9 110.4 165.6
98 67.4 51.5 77.3

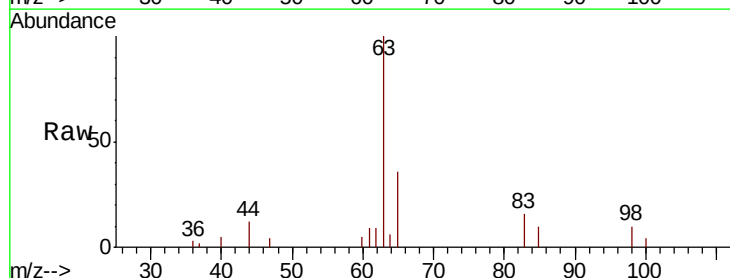


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

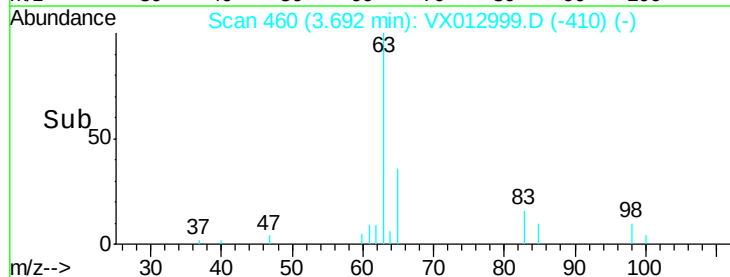
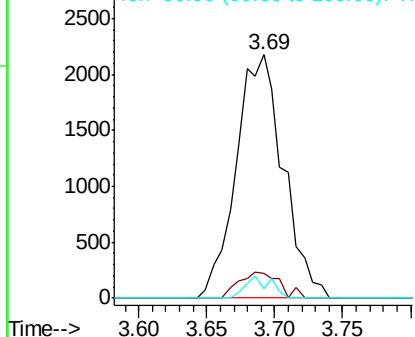


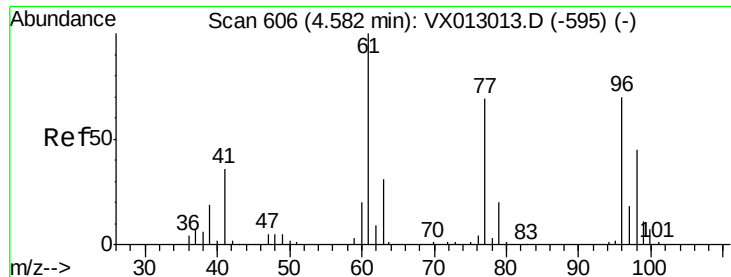
#24
1,1-Dichloroethane
Concen: 1.580 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX012999.D
Acq: 10 Oct 2019 16:30

Tgt Ion: 63 Resp: 5277
Ion Ratio Lower Upper
63 100
98 10.1 3.9 11.5
100 4.0 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



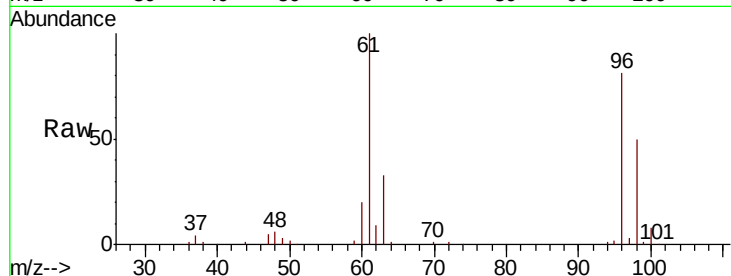


#27

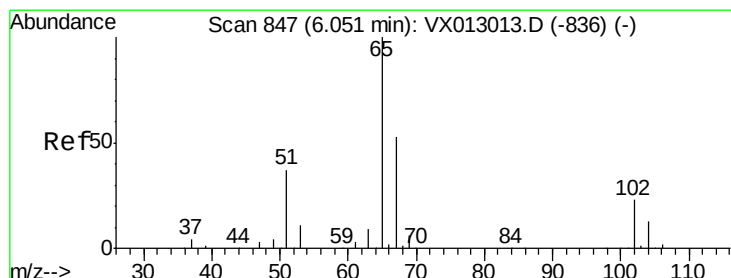
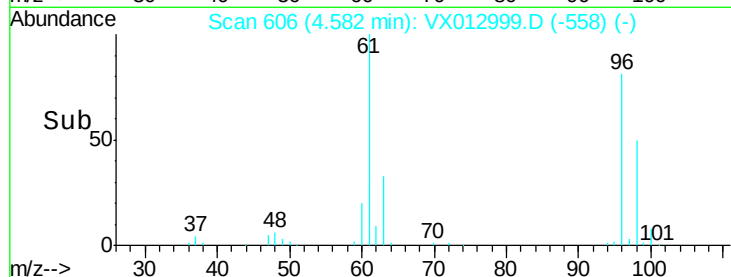
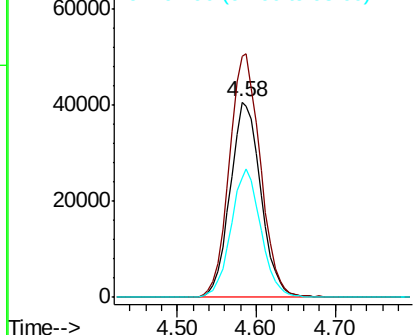
cis-1,2-Dichloroethene
Concen: 51.444 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012999.D
Acq: 10 Oct 2019 16:30

Instrument :
MSVOA_X
ClientSampleId :
S49-0555

Tot Ion: 96 Resp: 110602
Ion Ratio Lower Upper
96 100
61 125.8 0.0 290.6
98 63.9 0.0 128.8



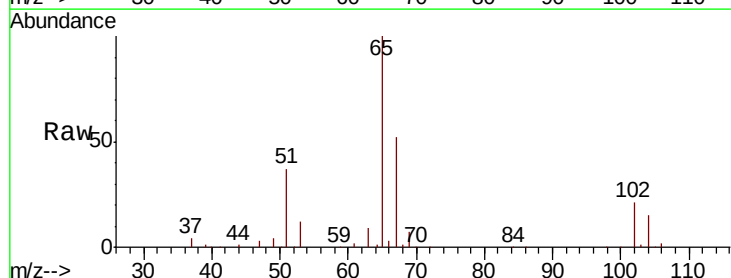
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



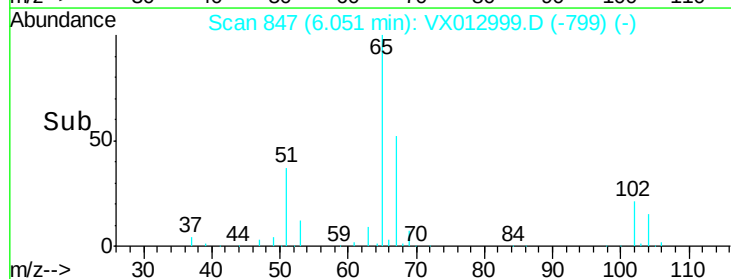
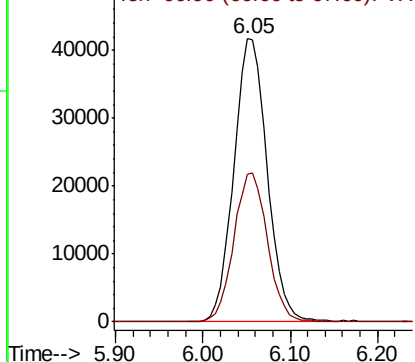
#33

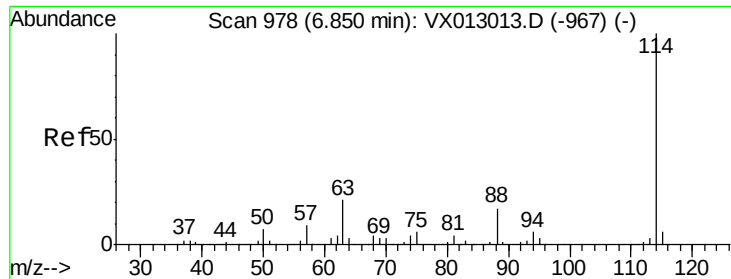
1,2-Dichloroethane-d4
Concen: 51.447 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX012999.D
Acq: 10 Oct 2019 16:30

Tgt Ion: 65 Resp: 110730
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

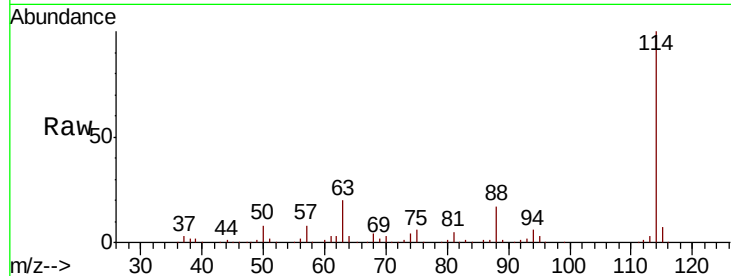




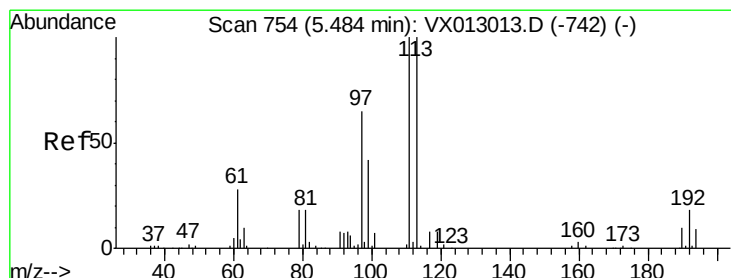
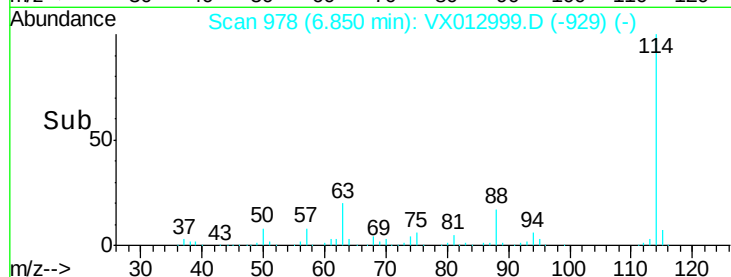
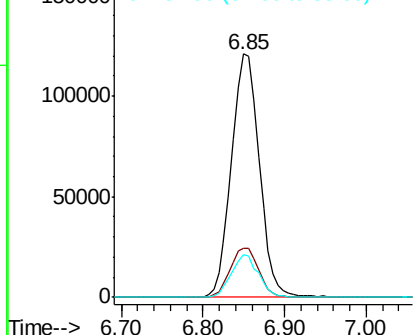
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012999.D
Acq: 10 Oct 2019 16:30

Instrument :
MSVOA_X
ClientSampleId :
S49-0555

Tot Ion:114 Resp: 286584
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 17.3 0.0 33.8

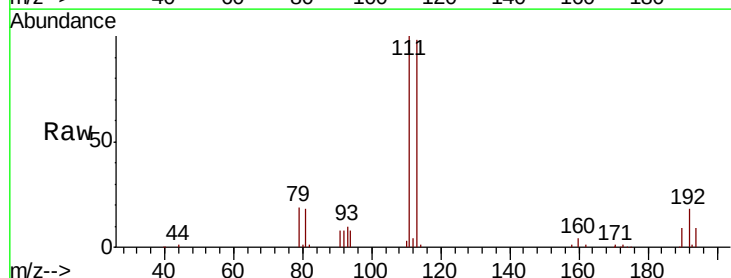


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

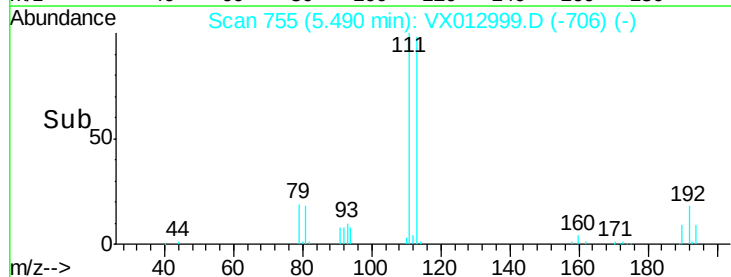
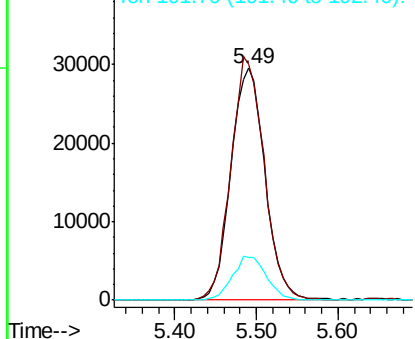


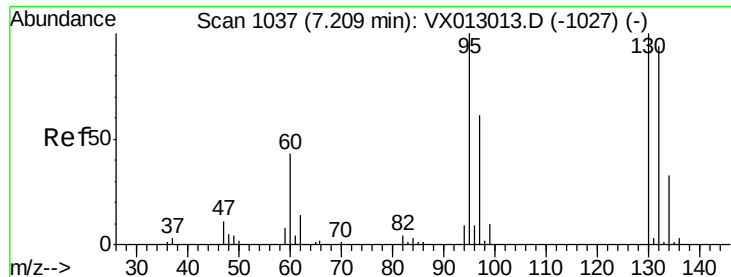
#35
Dibromofluoromethane
Concen: 51.903 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012999.D
Acq: 10 Oct 2019 16:30

Tgt Ion:113 Resp: 85373
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 18.8 15.4 23.2



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: 15.207 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX012999.D

Acq: 10 Oct 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

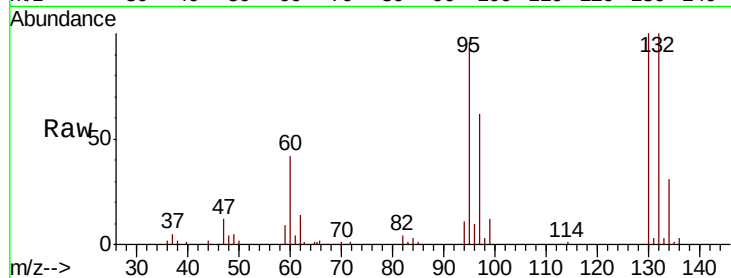
S49-0555

Tot Ion:130 Resp: 31382

Ion Ratio Lower Upper

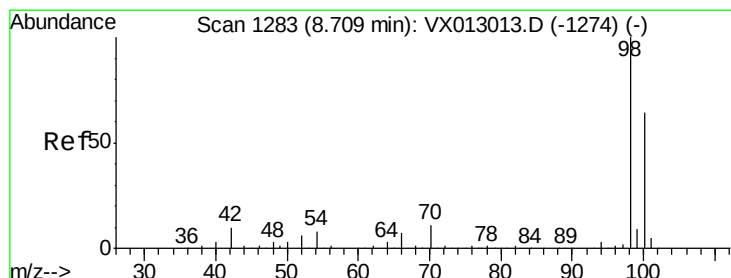
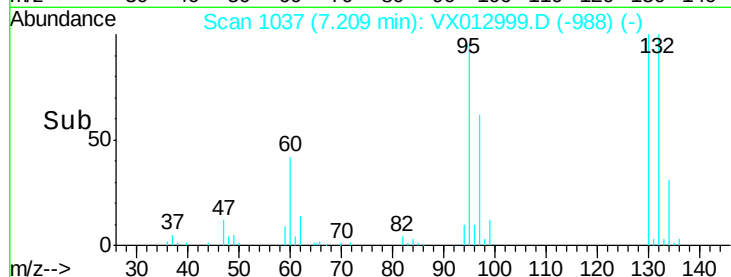
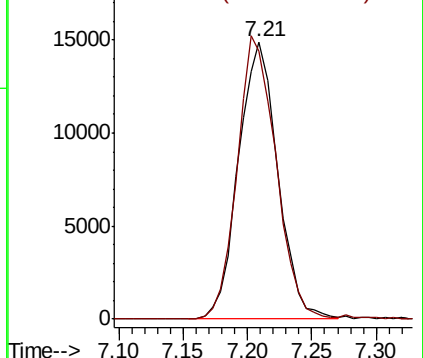
130 100

95 96.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.807 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012999.D

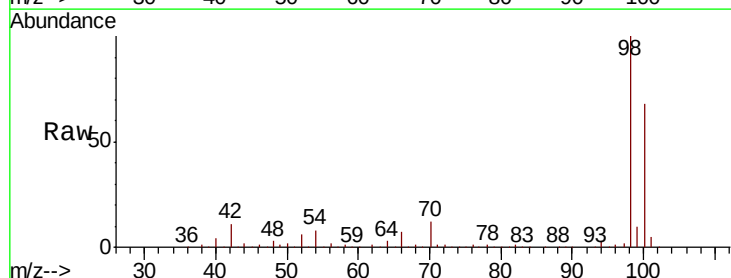
Acq: 10 Oct 2019 16:30

Tgt Ion: 98 Resp: 332359

Ion Ratio Lower Upper

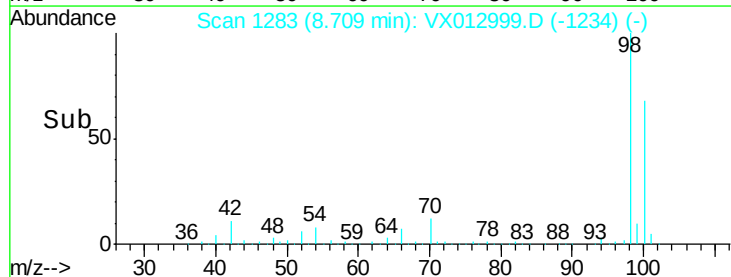
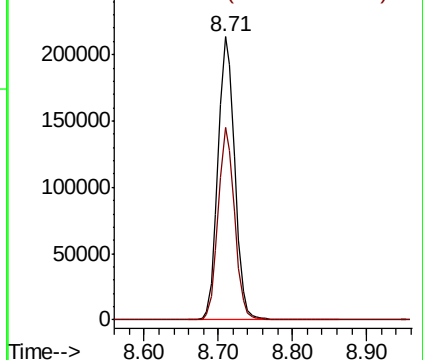
98 100

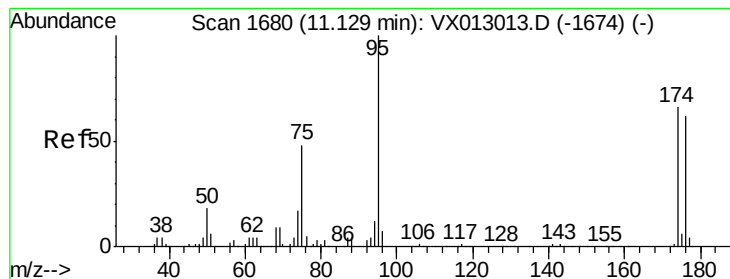
100 66.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.980 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012999.D

Acq: 10 Oct 2019 16:30

Instrument :

MSVOA_X

ClientSampled :

S49-0555

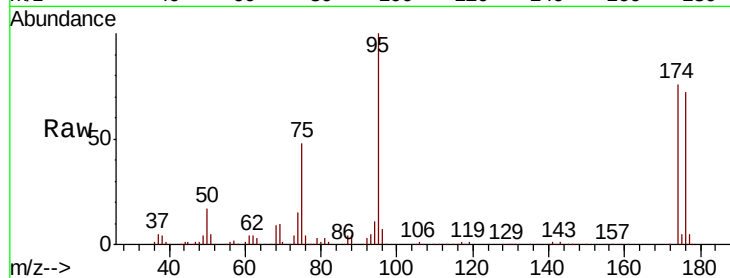
Tot Ion: 95 Resp: 107137

Ion Ratio Lower Upper

95 100

174 73.2 0.0 143.4

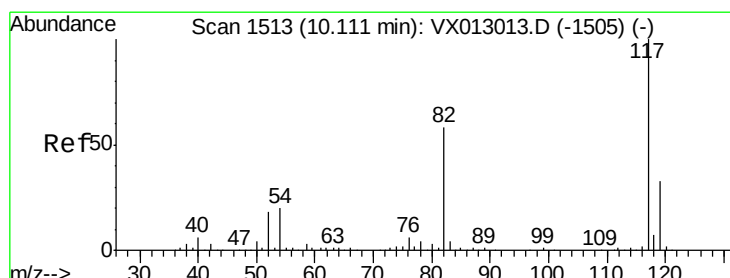
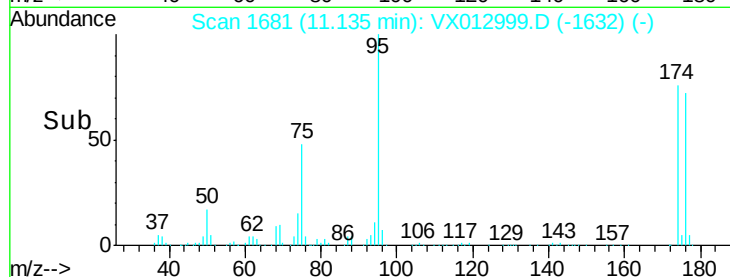
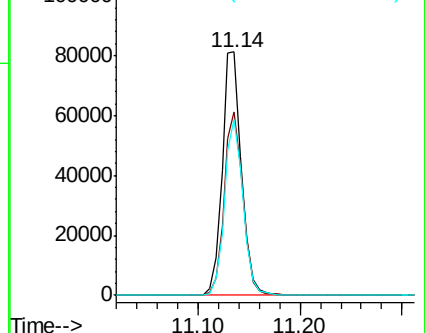
176 69.3 0.0 136.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012999.D

Acq: 10 Oct 2019 16:30

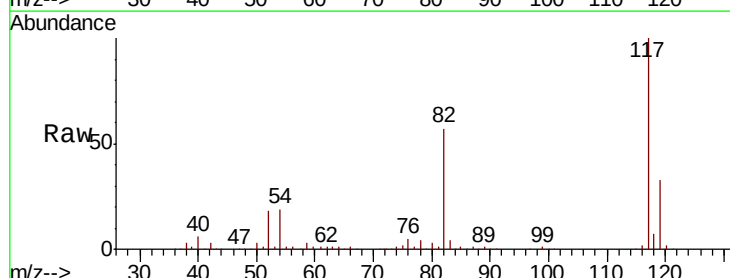
Tgt Ion: 117 Resp: 237453

Ion Ratio Lower Upper

117 100

82 56.9 44.1 66.1

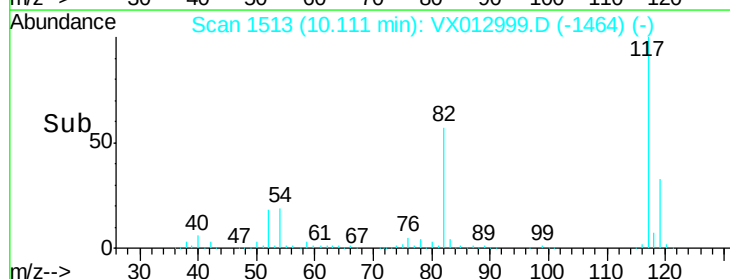
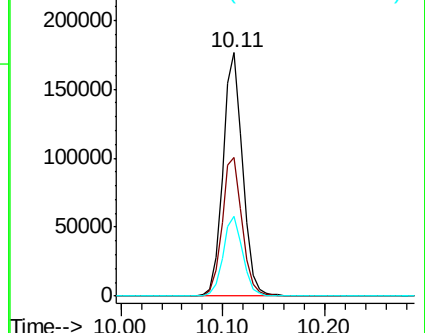
119 32.9 25.8 38.8

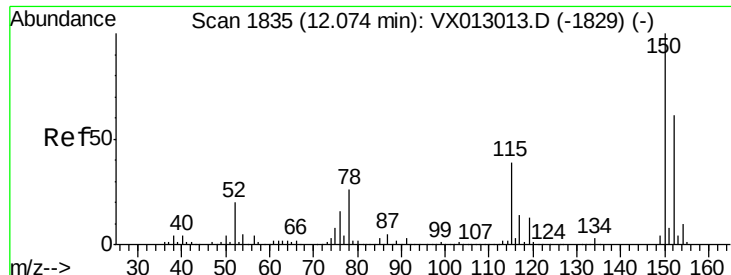


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX012999.D

Acq: 10 Oct 2019 16:30

Instrument :

MSVOA_X

ClientSampleId :

S49-0555

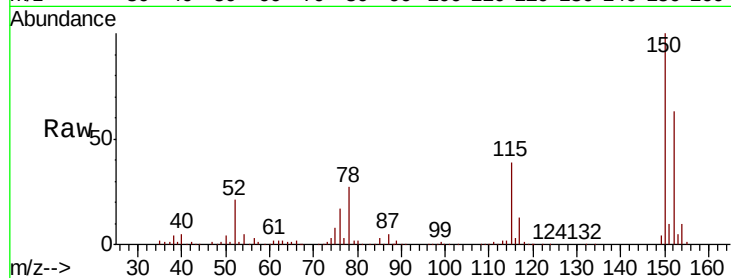
Tot Ion:152 Resp: 88952

Ion Ratio Lower Upper

152 100

115 61.5 44.5 133.5

150 155.3 0.0 353.4



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

