

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012779.D
 Acq On : 03 Oct 2019 13:30
 Operator : JC/SP
 Sample : K5157-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-TB-2019-7

Quant Time: Oct 04 06:48:42 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	180617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98918	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	126122	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
35) Dibromofluoromethane	5.49	113	98273	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
50) Toluene-d8	8.71	98	373264	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.14	95	123033	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	

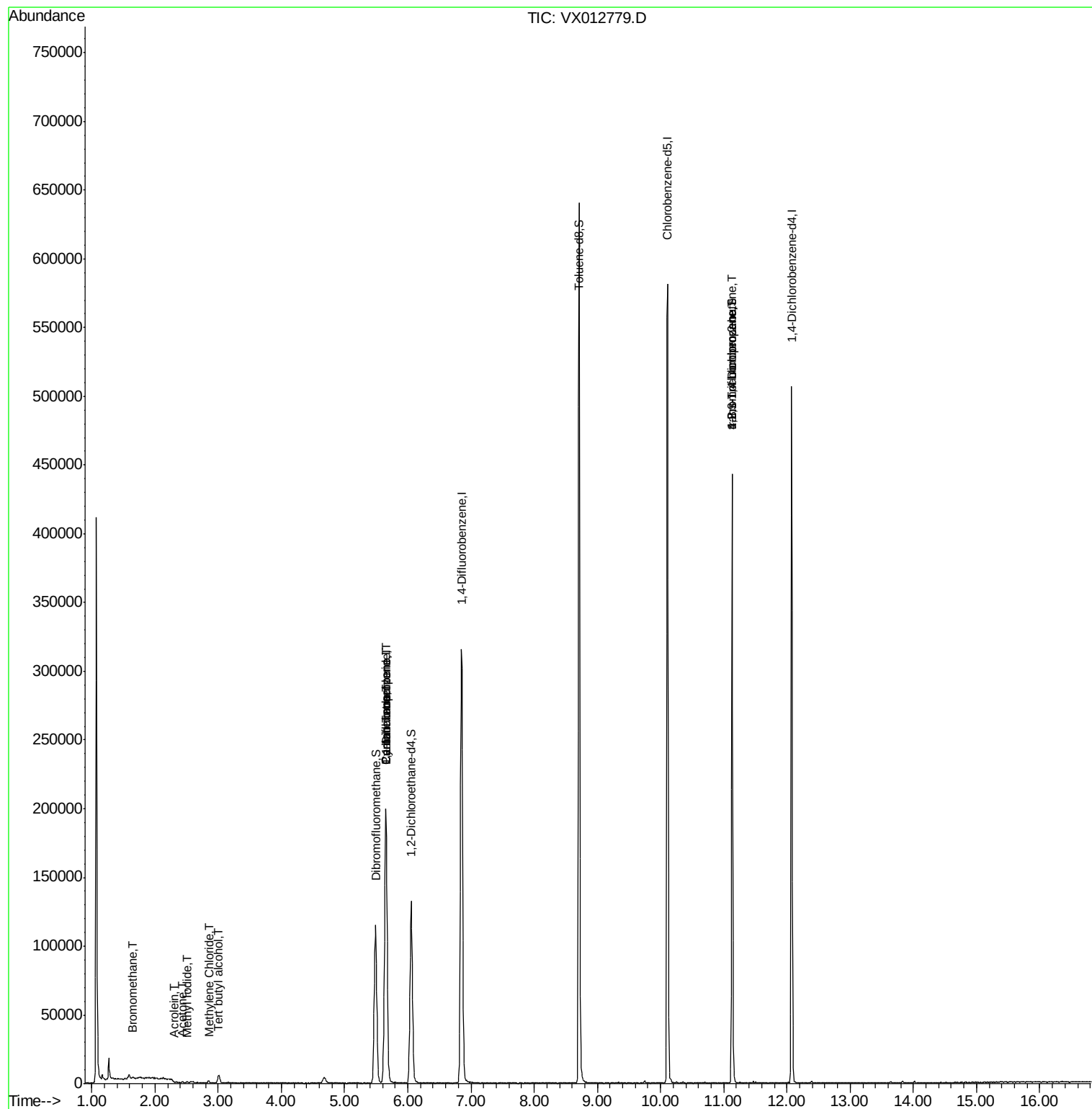
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	464	0.509	ug/l	94
10) Methyl Iodide	2.51	142	455	5.149	ug/l #	87
11) Tert butyl alcohol	3.01	59	3692	5.619	ug/l #	75
13) Acrolein	2.31	56	53	10.372	ug/l #	15
16) Acetone	2.44	43	1083	0.777	ug/l	90
20) Methylene Chloride	2.85	84	694	0.295	ug/l	88
31) Cyclohexane	5.65	56	4349	1.188	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	15695	5.248	ug/l #	52
38) Carbon Tetrachloride	5.65	117	19154	6.305	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	63419	24.237	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	63419	69.458	ug/l #	8

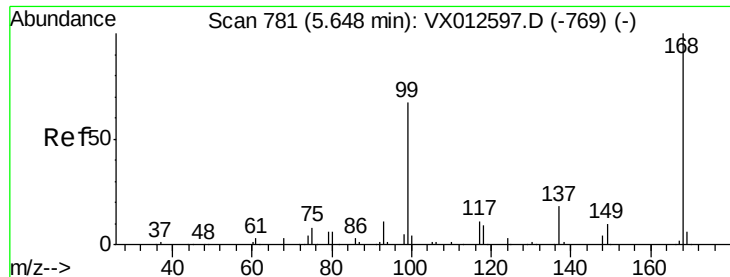
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
Data File : VX012779.D
Acq On : 03 Oct 2019 13:30
Operator : JC/SP
Sample : K5157-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-7

Quant Time: Oct 04 06:48:42 2019
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: VX012779.D

Acq: 03 Oct 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

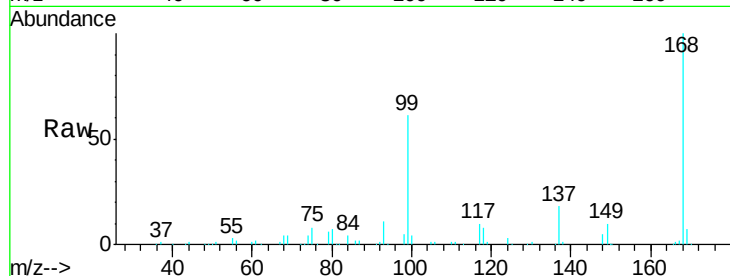
S49-TB-2019-7

Tgt Ion:168 Resp: 180617

Ion Ratio Lower Upper

168 100

99 61.1 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

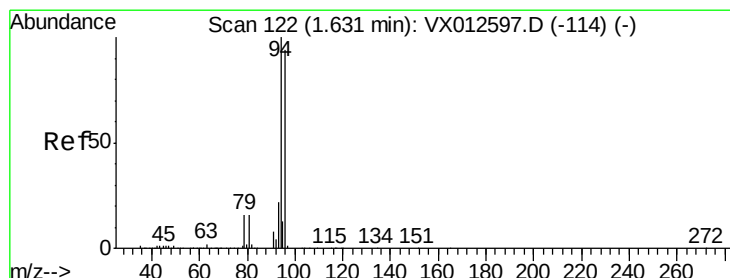
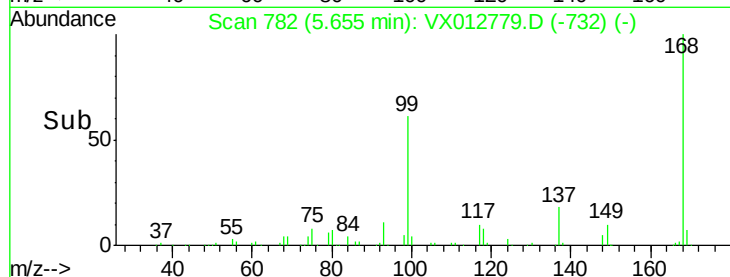
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.509 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012779.D

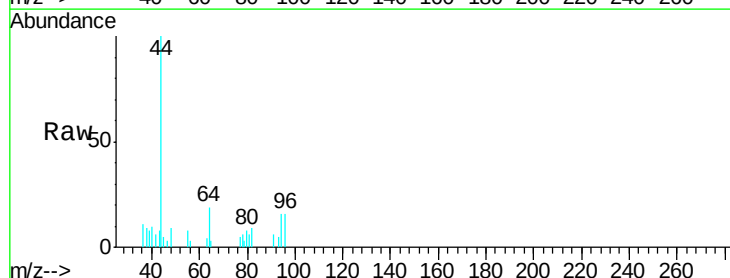
Acq: 03 Oct 2019 13:30

Tgt Ion: 94 Resp: 464

Ion Ratio Lower Upper

94 100

96 97.0 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

250

200

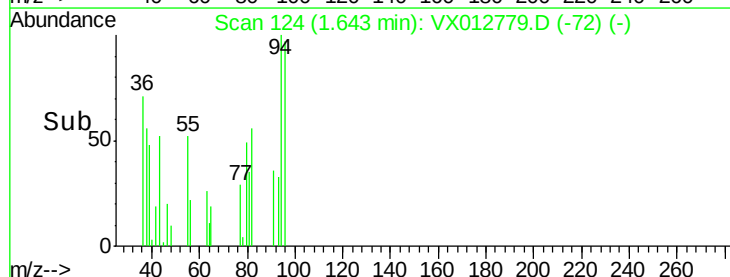
150

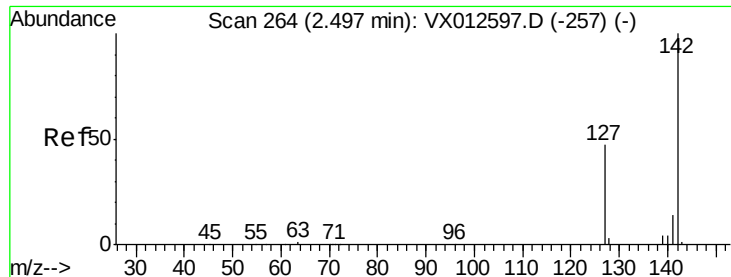
100

50

0

Time--> 1.60 1.65 1.70

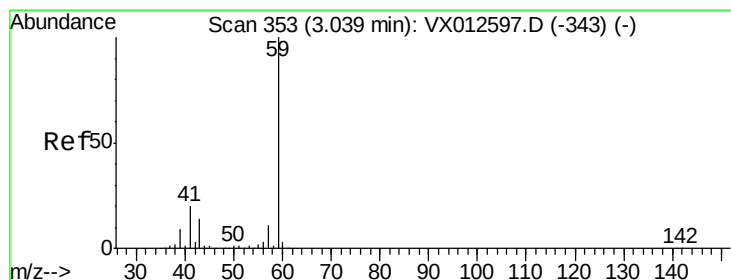
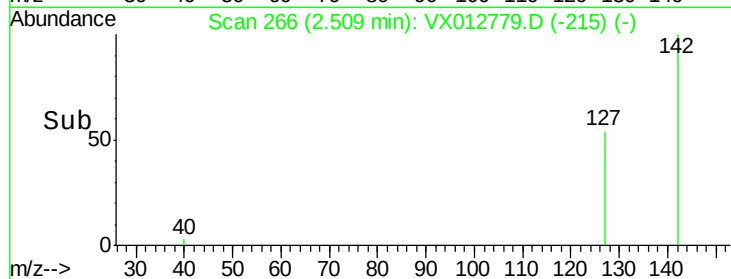
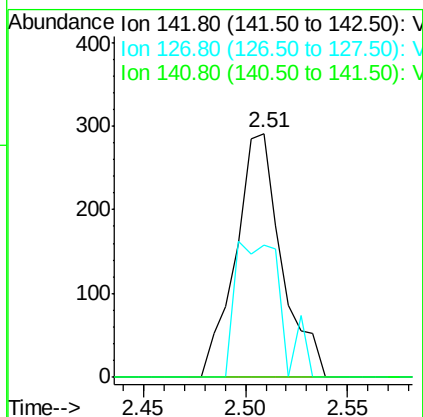
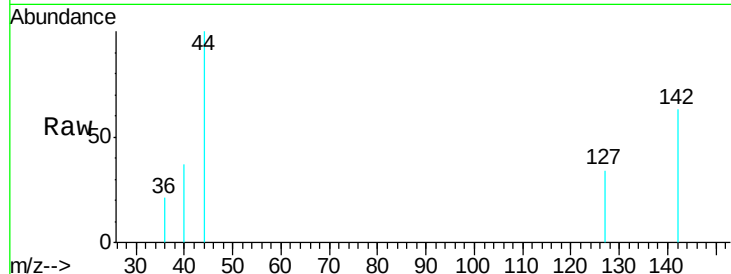




#10
Methyl Iodide
Concen: 5.149 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

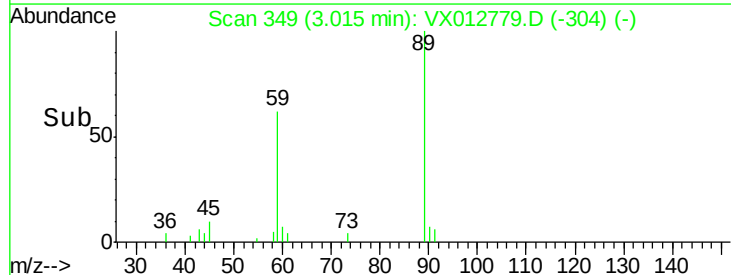
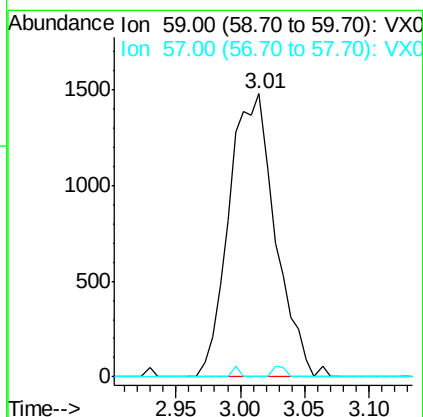
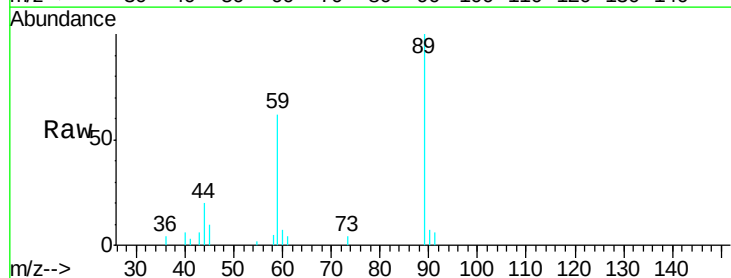
Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-7

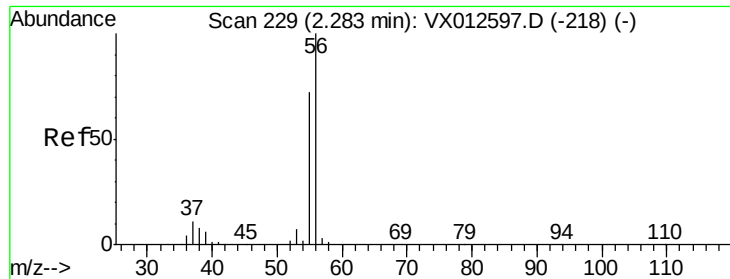
Tgt Ion: 142 Resp: 455
Ion Ratio Lower Upper
142 100
127 55.6 40.8 61.2
141 0.0 12.1 18.1#



#11
Tert butyl alcohol
Concen: 5.619 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

Tgt Ion: 59 Resp: 3692
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#





#13

Acrolein

Concen: 10.372 ug/l

RT: 2.31 min Scan# 234

Delta R.T. 0.03 min

Lab File: VX012779.D

Acq: 03 Oct 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

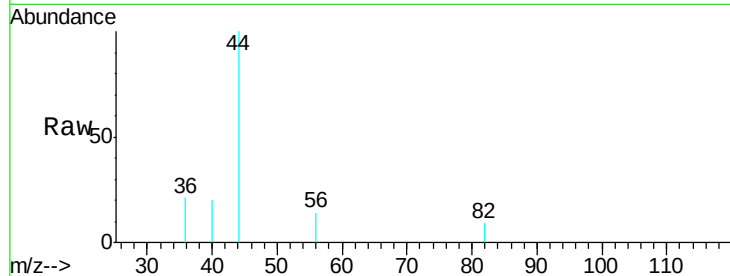
S49-TB-2019-7

Tgt Ion: 56 Resp: 53

Ion Ratio Lower Upper

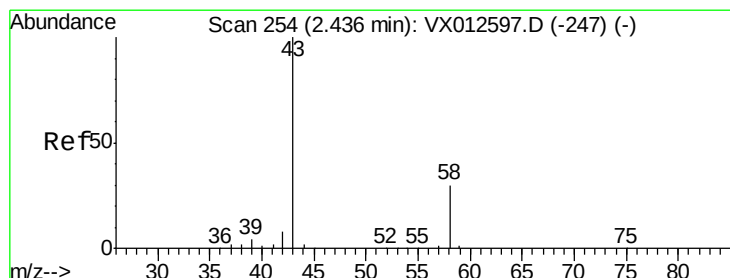
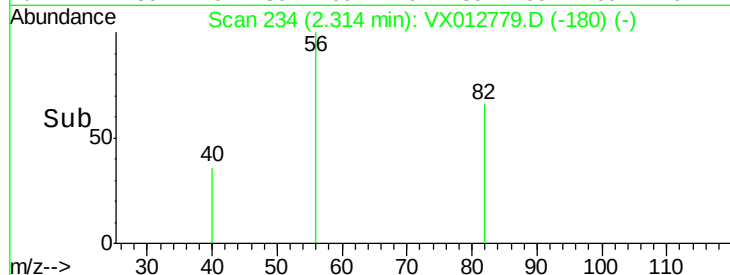
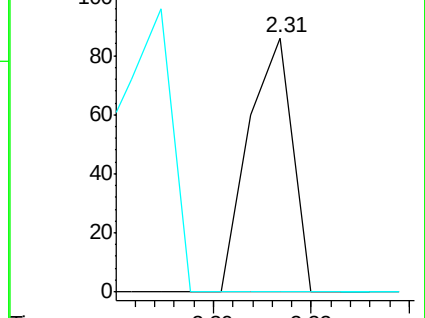
56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.777 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012779.D

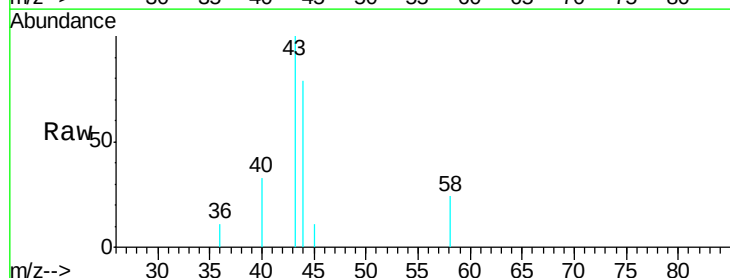
Acq: 03 Oct 2019 13:30

Tgt Ion: 43 Resp: 1083

Ion Ratio Lower Upper

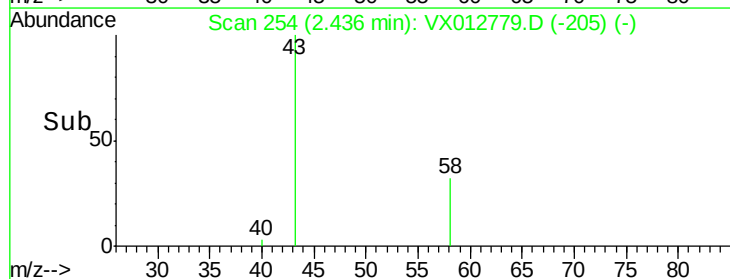
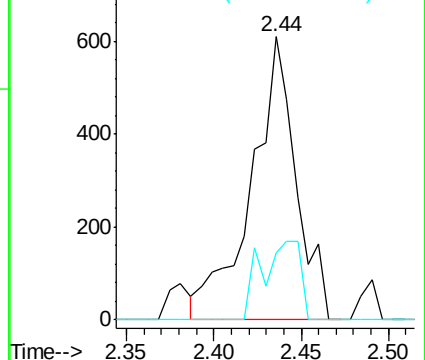
43 100

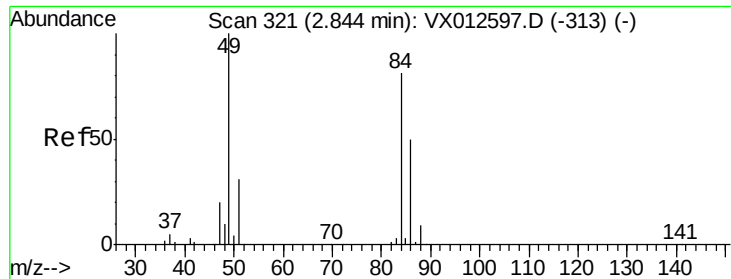
58 23.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

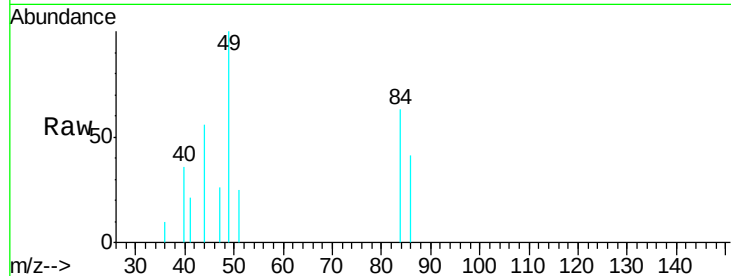




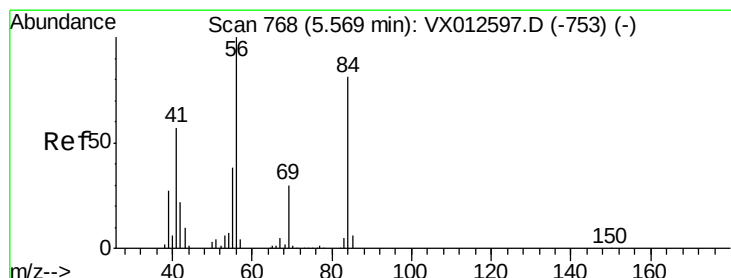
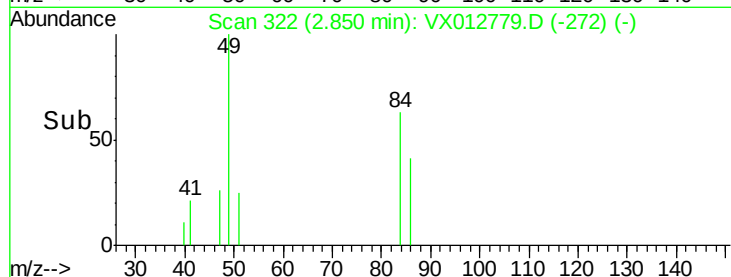
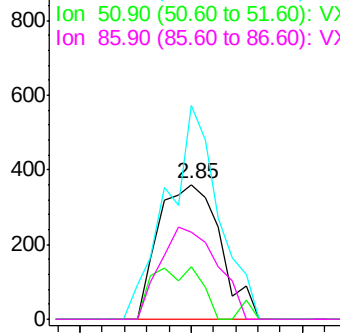
#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-7

Tgt Ion:	84	Resp:	694
Ion	Ratio	Lower	Upper
84	100		
49	158.9	106.8	160.2
51	39.2	32.3	48.5
86	64.4	51.3	76.9

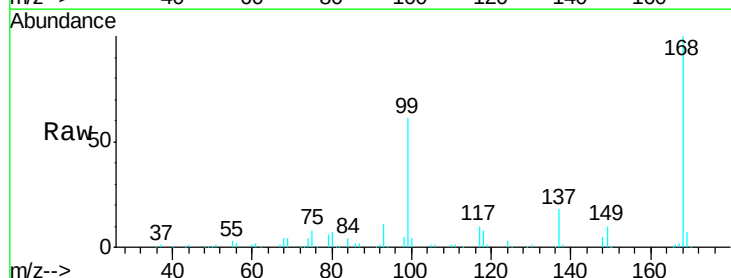


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

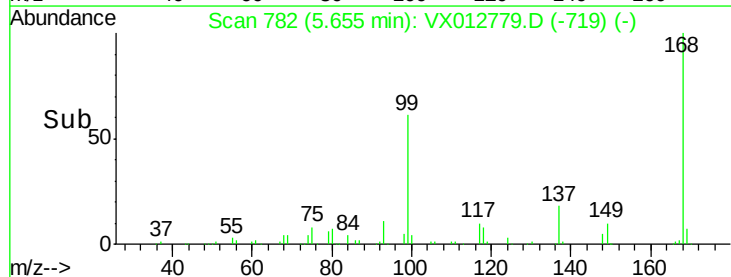
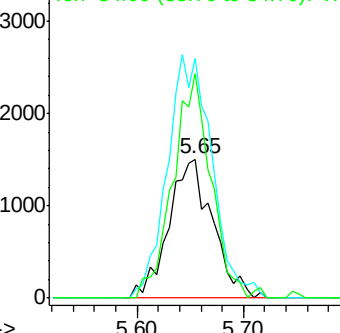


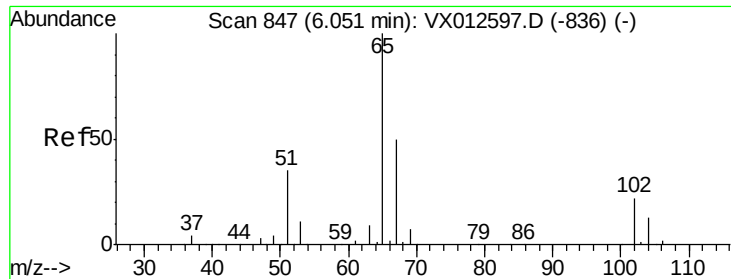
#31
Cyclohexane
Concen: 1.188 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

Tgt Ion:	56	Resp:	4349
Ion	Ratio	Lower	Upper
56	100		
69	172.5	25.0	37.6#
84	161.2	66.4	99.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

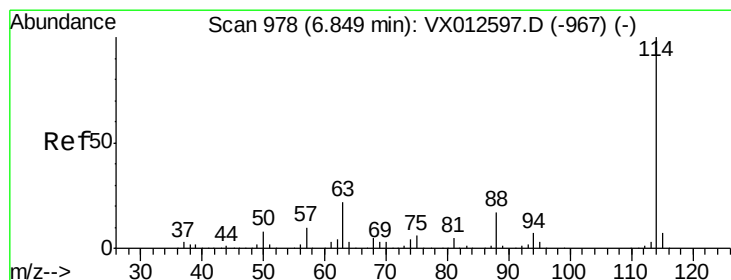
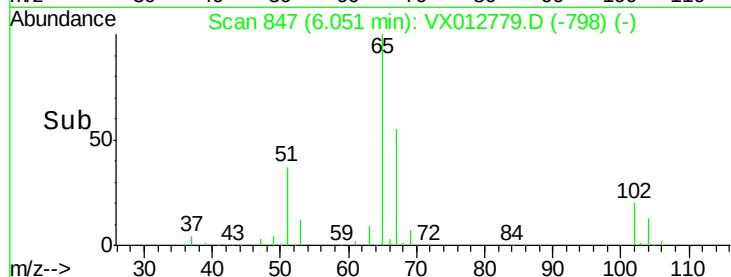
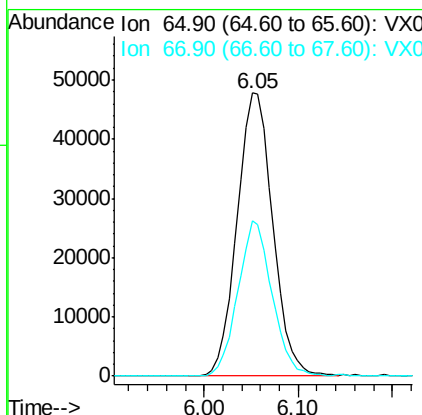
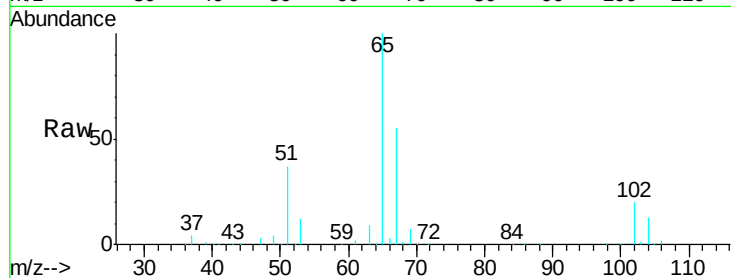




#33
 1,2-Dichloroethane-d4
 Concen: 47.953 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012779.D
 Acq: 03 Oct 2019 13:30

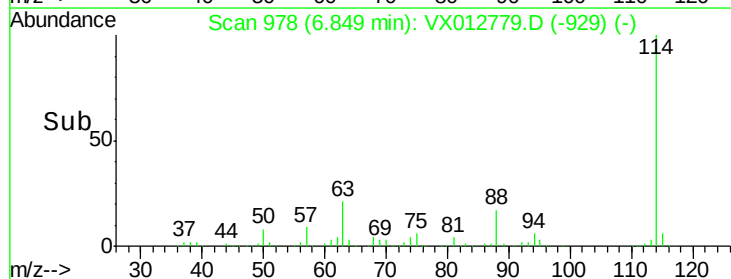
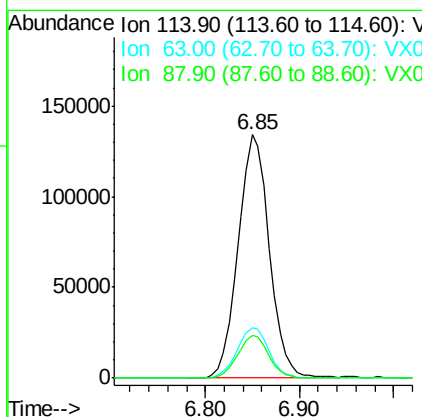
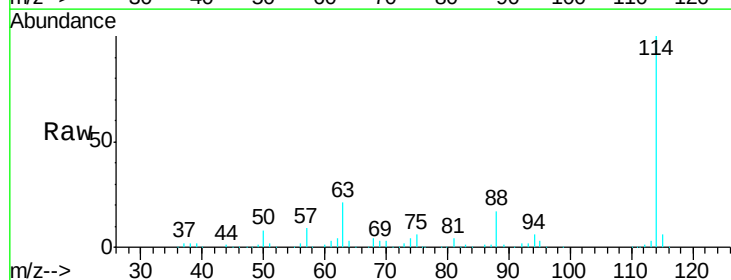
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-TB-2019-7

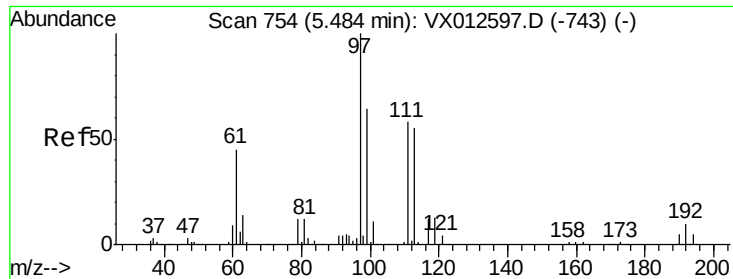
Tgt Ion: 65 Resp: 126122
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012779.D
 Acq: 03 Oct 2019 13:30

Tgt Ion: 114 Resp: 310247
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 17.4 0.0 33.2

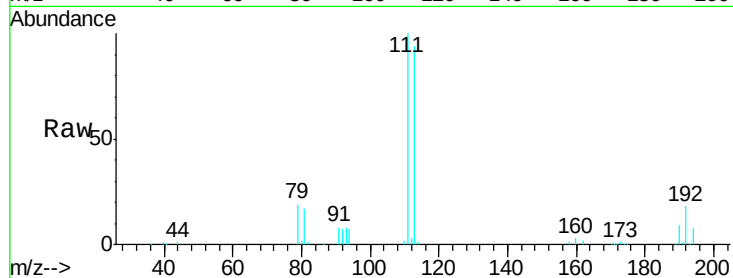




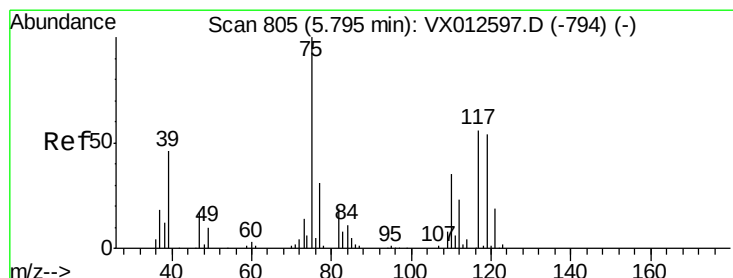
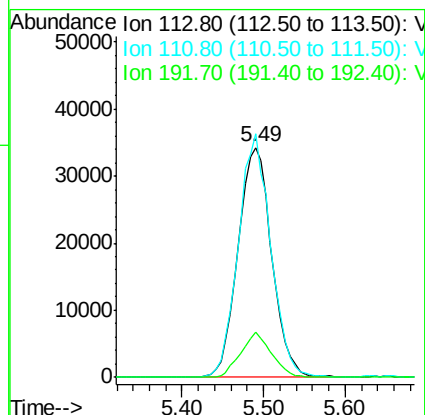
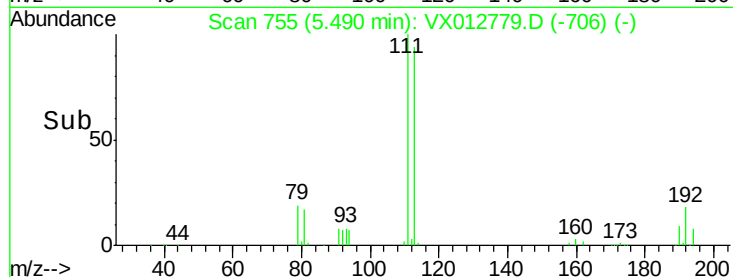
#35
Dibromofluoromethane
Concen: 53.188 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-7

Tgt Ion:113 Resp: 98273
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.2
192 17.9 14.4 21.6

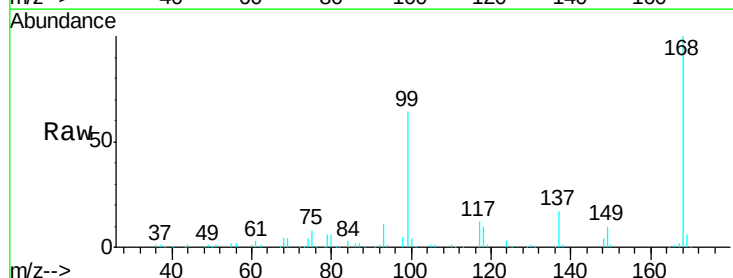


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

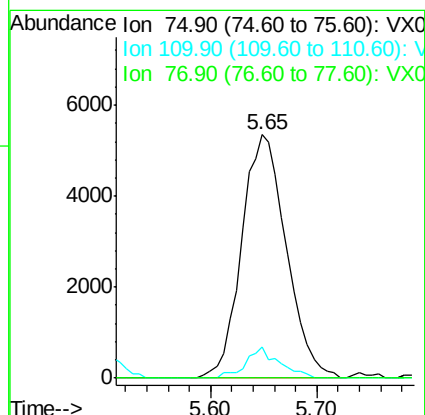
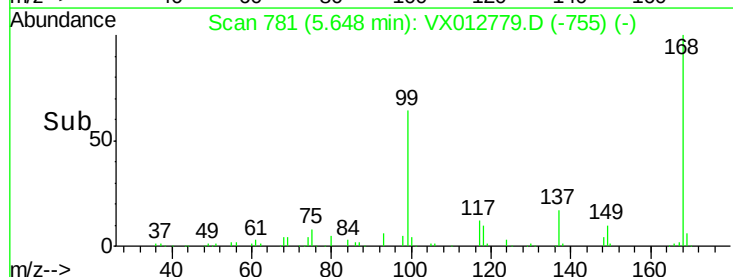


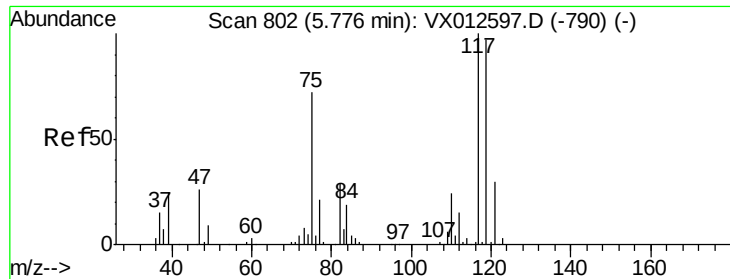
#36
1,1-Dichloropropene
Concen: 5.248 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

Tgt Ion: 75 Resp: 15695
Ion Ratio Lower Upper
75 100
110 9.5 16.7 50.0#
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

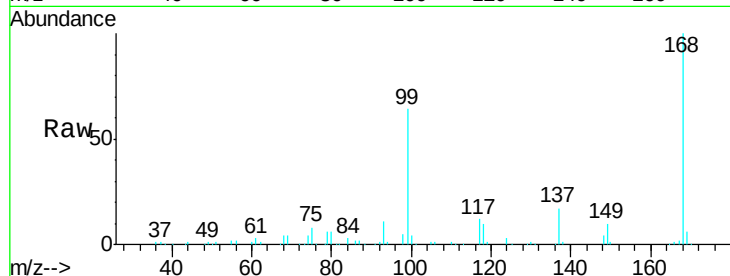




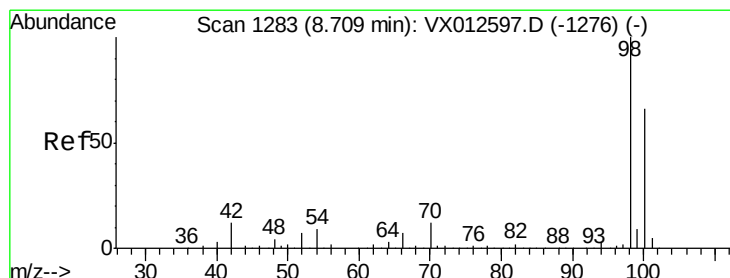
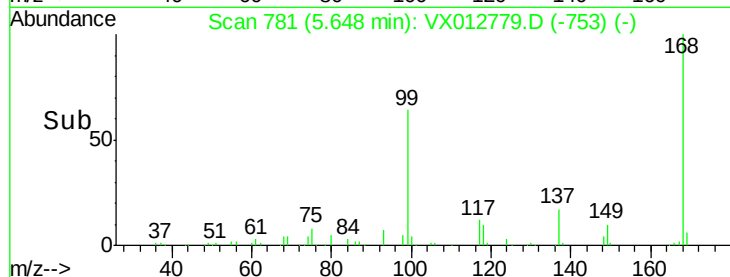
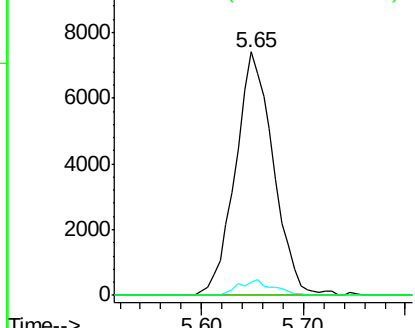
#38
Carbon Tetrachloride
Concen: 6.305 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-7

Tgt Ion: 117 Resp: 19154
Ion Ratio Lower Upper
117 100
119 5.5 75.7 113.5#
121 0.0 24.2 36.4#

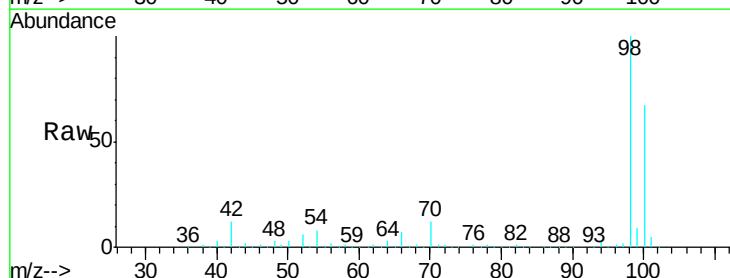


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

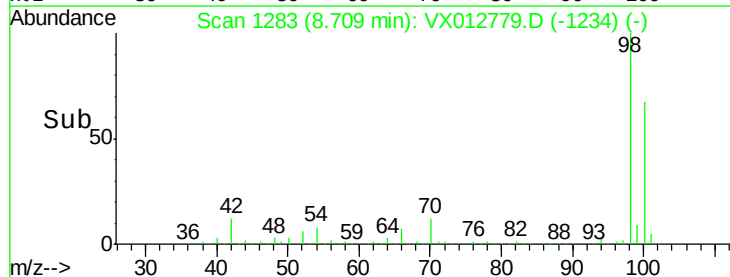
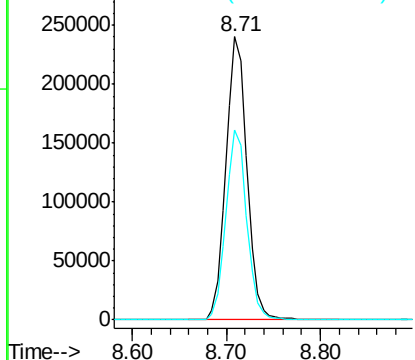


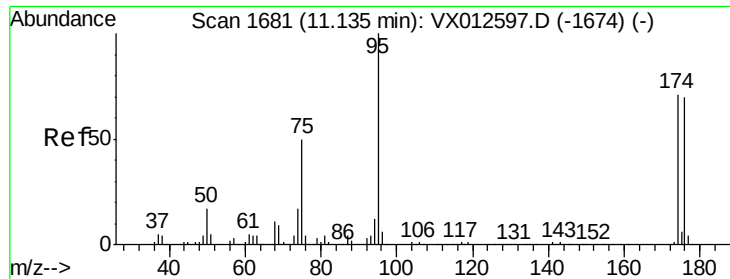
#50
Toluene-d8
Concen: 52.458 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

Tgt Ion: 98 Resp: 373264
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

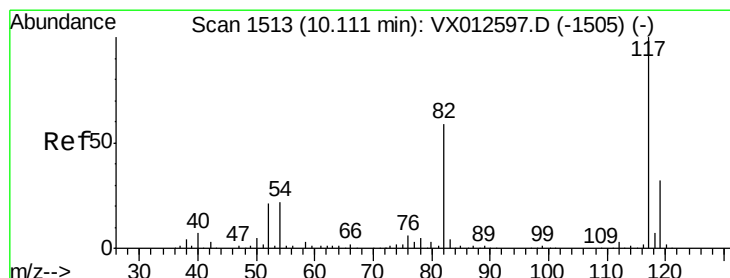
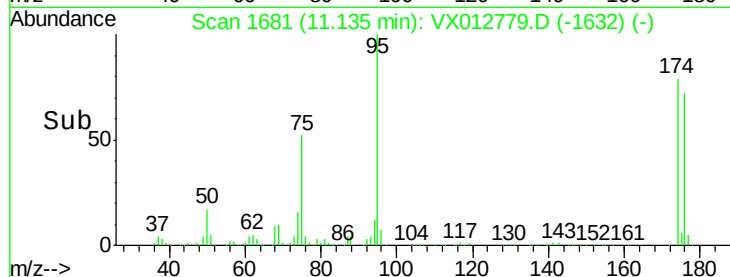
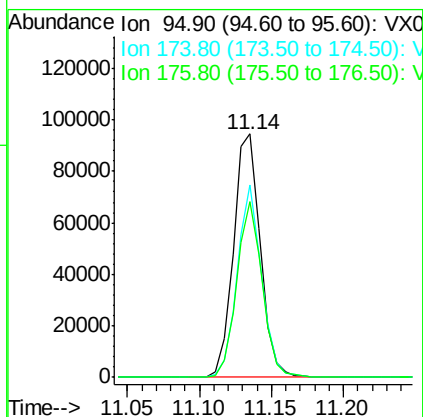
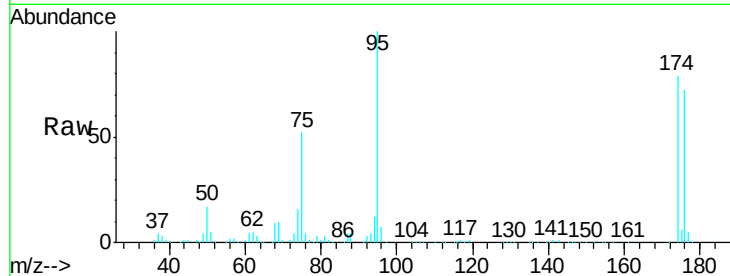




#62
4-Bromofluorobenzene
Concen: 43.975 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

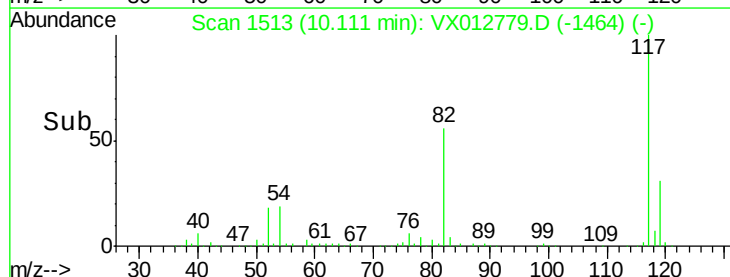
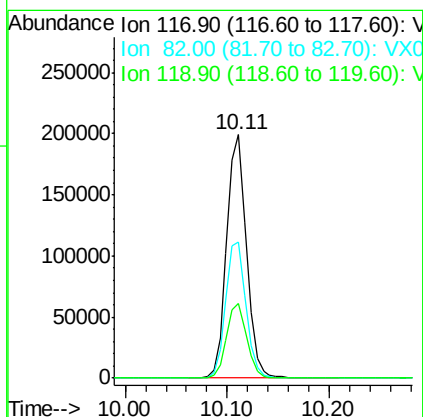
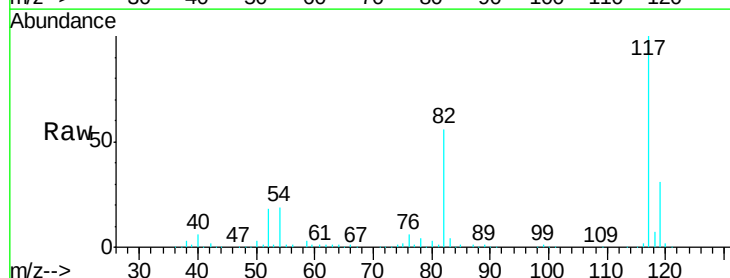
Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-7

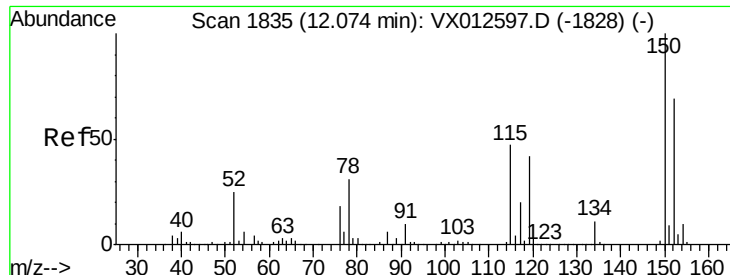
Tgt Ion: 95 Resp: 123033
Ion Ratio Lower Upper
95 100
174 72.0 0.0 140.0
176 68.3 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012779.D
Acq: 03 Oct 2019 13:30

Tgt Ion: 117 Resp: 267748
Ion Ratio Lower Upper
117 100
82 56.1 45.9 68.9
119 30.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012779.D

Acq: 03 Oct 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

S49-TB-2019-7

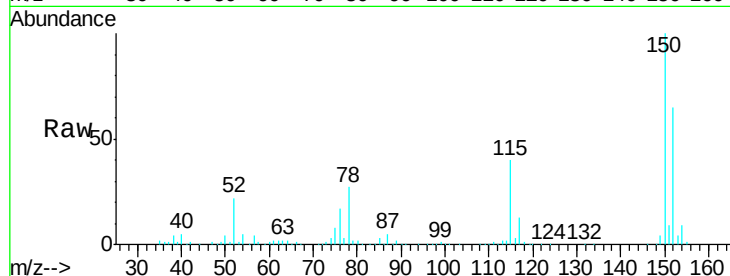
Tgt Ion: 152 Resp: 98918

Ion Ratio Lower Upper

152 100

115 62.7 44.1 132.3

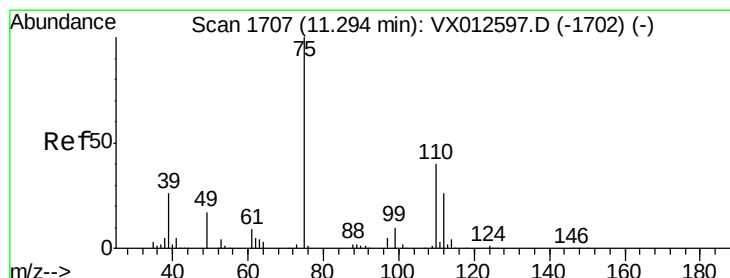
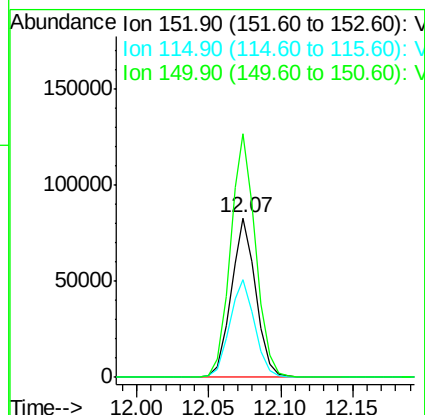
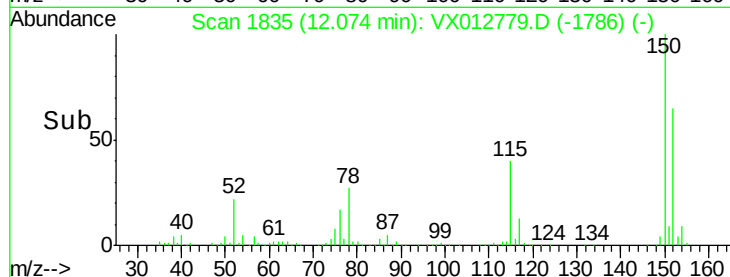
150 156.5 0.0 343.8



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



#76

1,2,3-Trichloropropane

Concen: 24.237 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012779.D

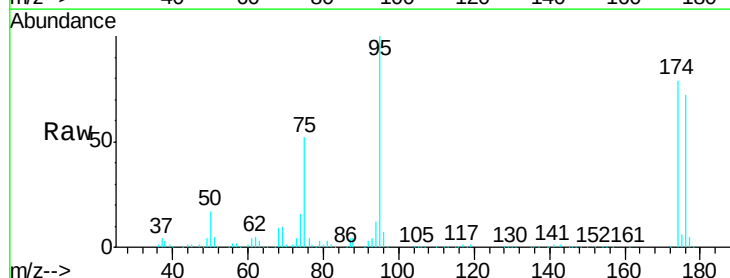
Acq: 03 Oct 2019 13:30

Tgt Ion: 75 Resp: 63419

Ion Ratio Lower Upper

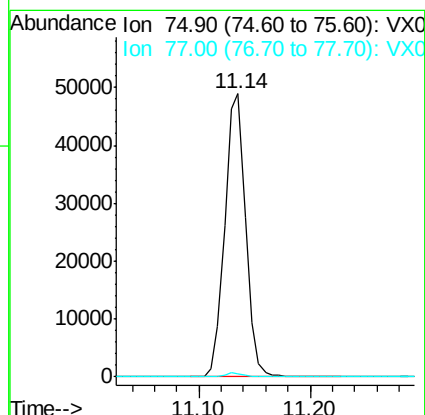
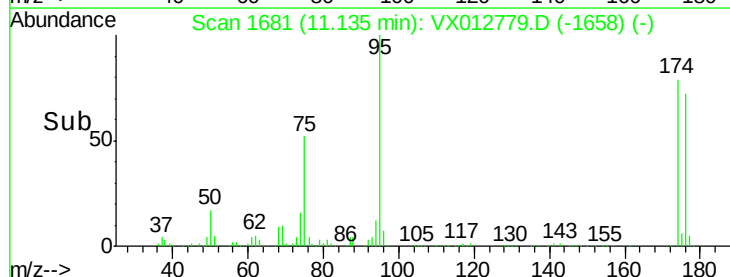
75 100

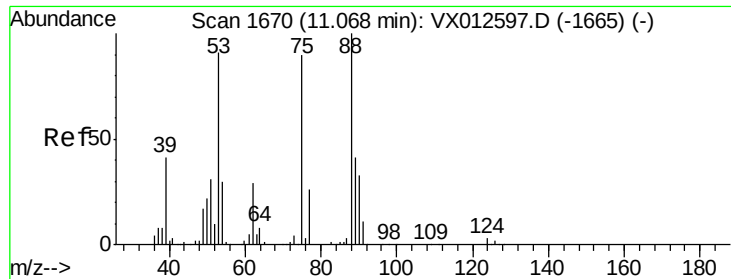
77 1.2 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 69.458 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012779.D

Acq: 03 Oct 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

S49-TB-2019-7

Tgt Ion: 75 Resp: 63419

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#

