

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013694.D
 Acq On : 29 Nov 2019 12:24
 Operator : JC/SP
 Sample : K5965-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-TB-2019-1

Quant Time: Nov 29 22:26:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	702853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1082816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	962037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	438364	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	389989	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
35) Dibromofluoromethane	5.48	113	318312	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
50) Toluene-d8	8.71	98	1289388	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	429366	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	

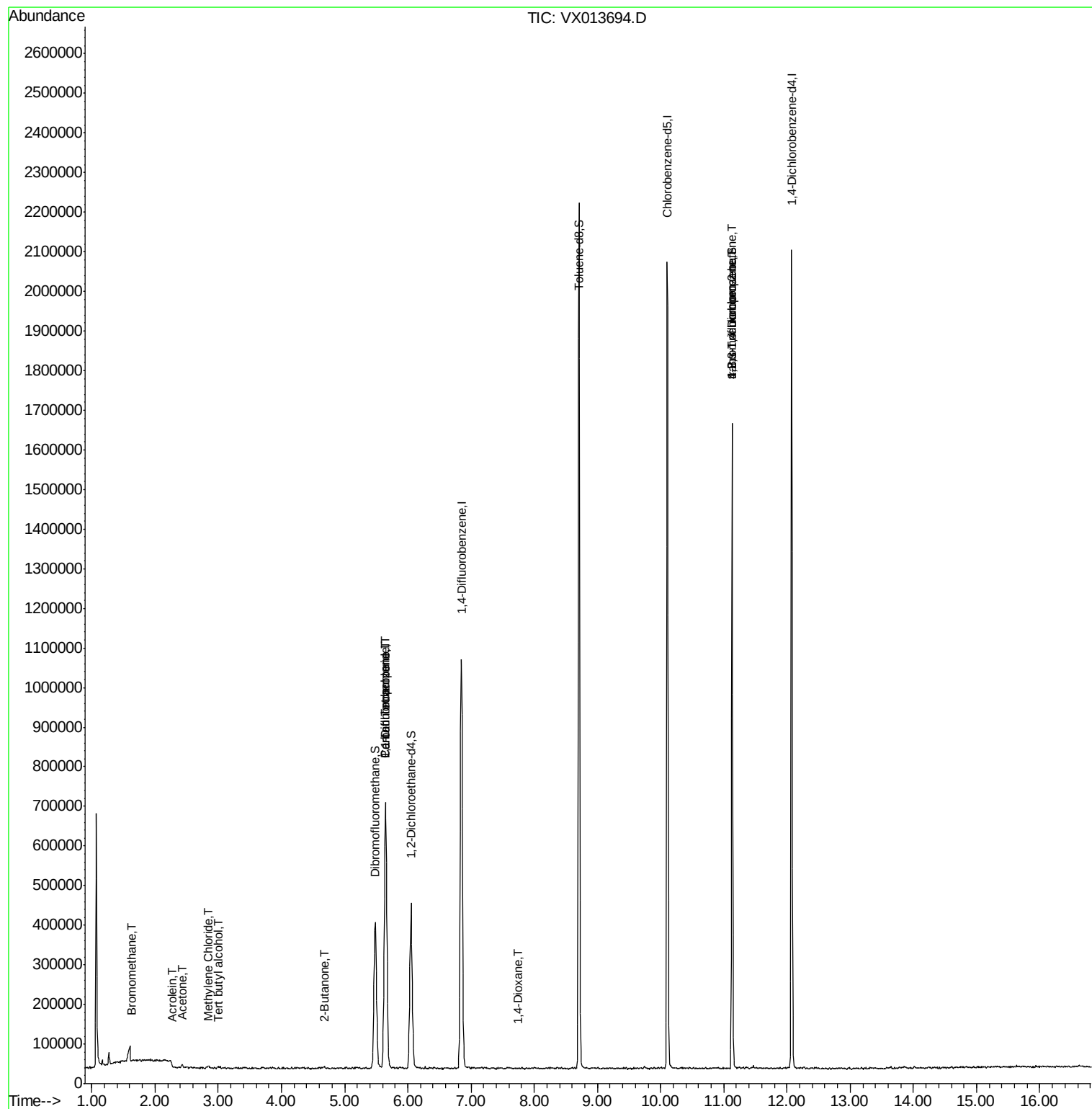
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1442	0.217	ug/l #	30
11) Tert butyl alcohol	3.00	59	3032	1.506	ug/l #	74
13) Acrolein	2.28	56	1260	6.917	ug/l #	38
16) Acetone	2.43	43	8235	2.044	ug/l	100
20) Methylene Chloride	2.84	84	2772	0.358	ug/l #	69
25) 2-Butanone	4.69	43	3212	0.537	ug/l #	76
36) 1,1-Dichloropropene	5.65	75	47929	4.876	ug/l #	51
38) Carbon Tetrachloride	5.65	117	60965	6.726	ug/l #	16
49) 1,4-Dioxane	7.73	88	244	1.236	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	209930	21.292	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	209930	58.251	ug/l #	11

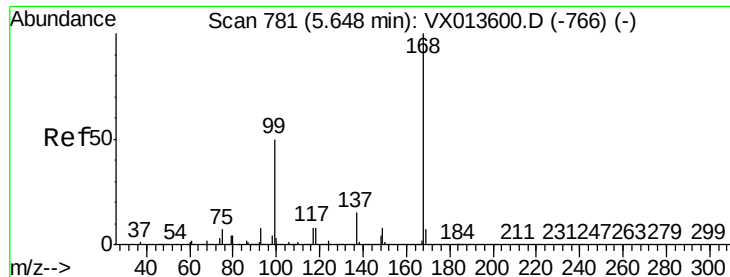
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
Data File : VX013694.D
Acq On : 29 Nov 2019 12:24
Operator : JC/SP
Sample : K5965-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S39-TB-2019-1

Quant Time: Nov 29 22:26:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013694.D

Acq: 29 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

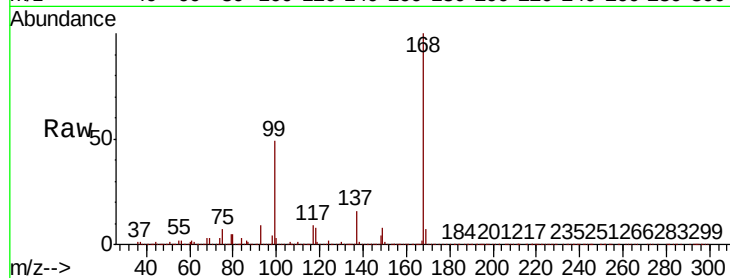
S39-TB-2019-1

Tot Ion:168 Resp: 702853

Ion Ratio Lower Upper

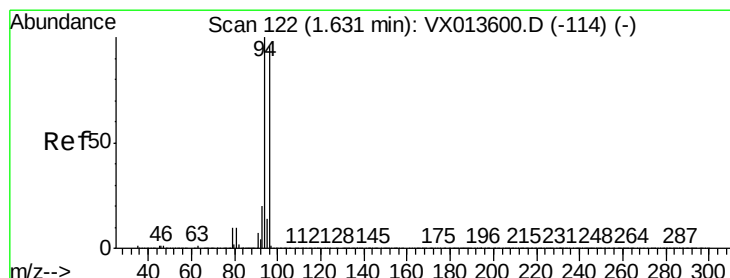
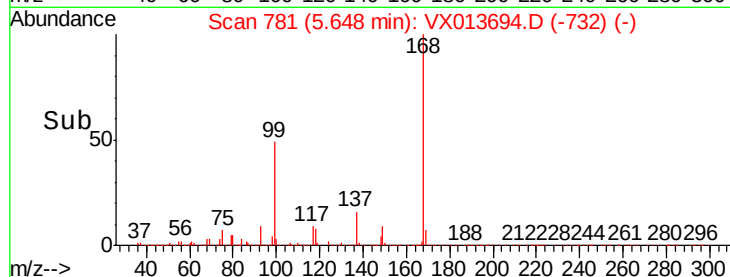
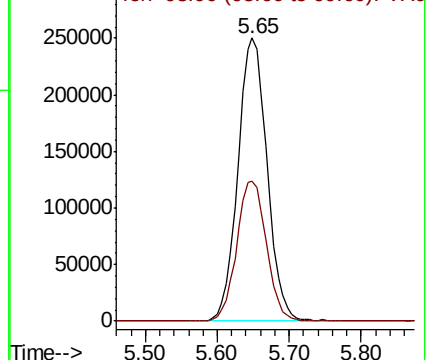
168 100

99 49.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.217 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013694.D

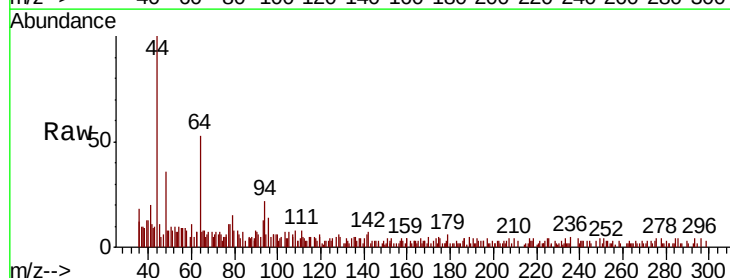
Acq: 29 Nov 2019 12:24

Tgt Ion: 94 Resp: 1442

Ion Ratio Lower Upper

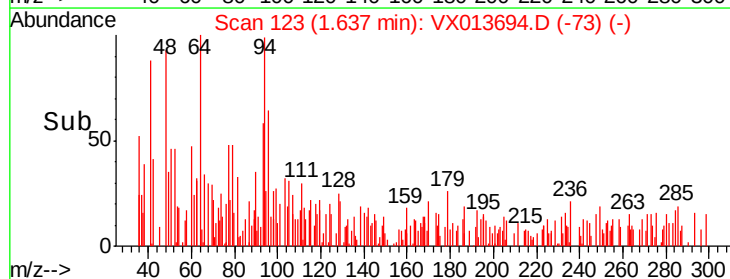
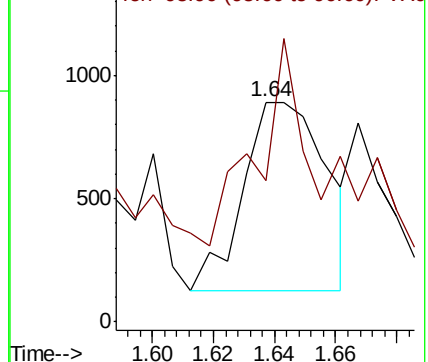
94 100

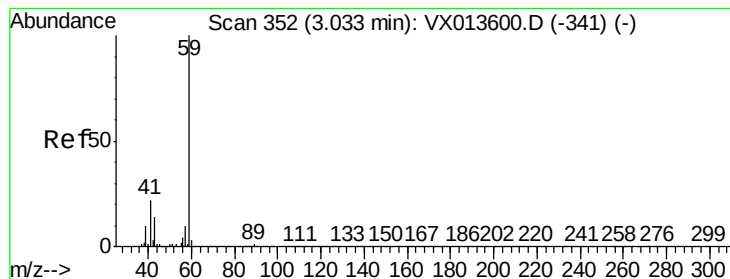
96 27.6 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



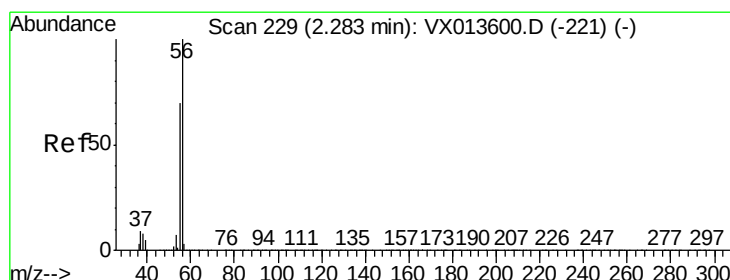
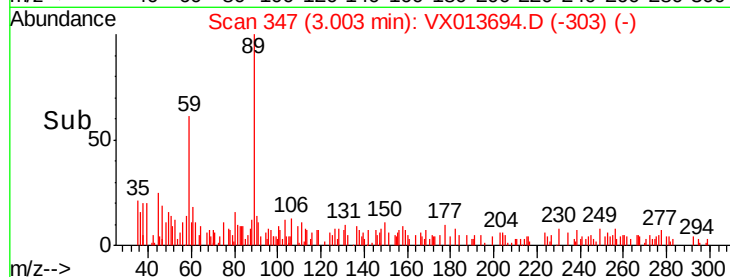
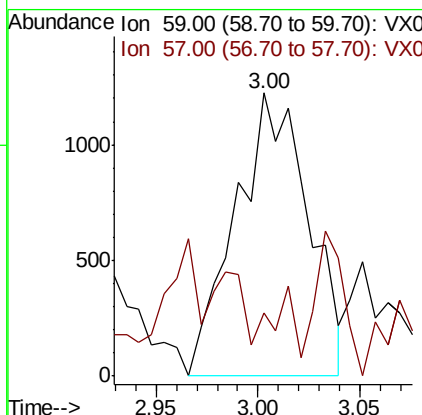
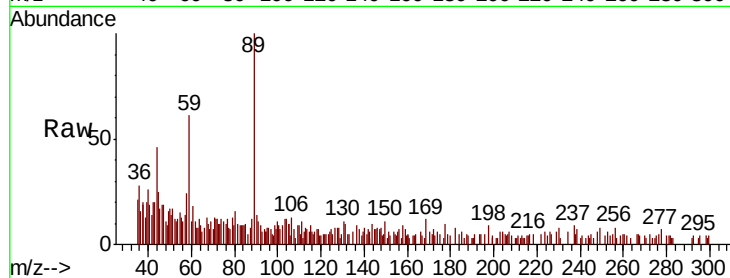


#11

Tert butyl alcohol
 Concen: 1.506 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.03 min
 Lab File: VX013694.D
 Acq: 29 Nov 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-TB-2019-1

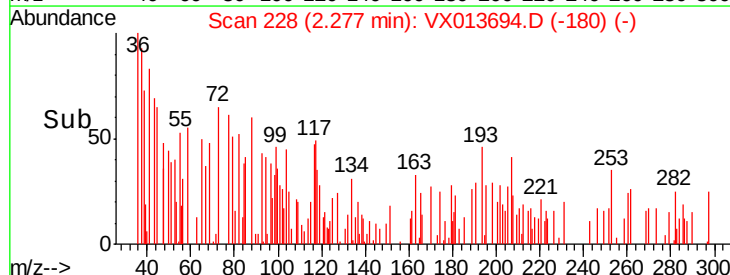
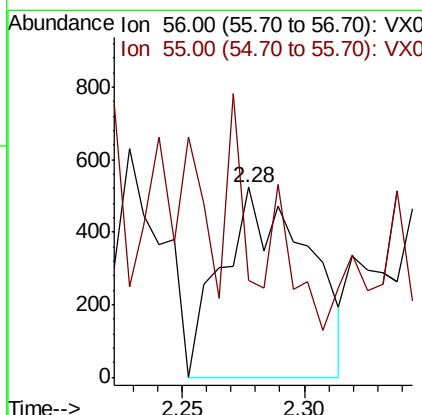
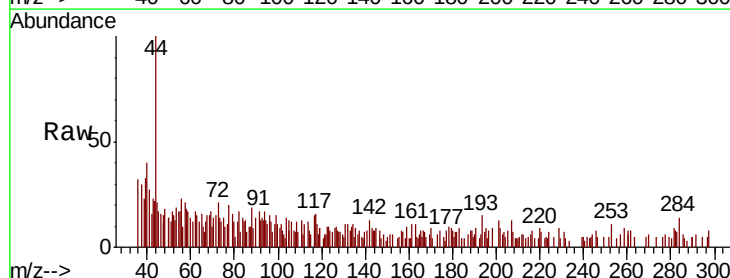
Tot Ion: 59 Resp: 3032
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

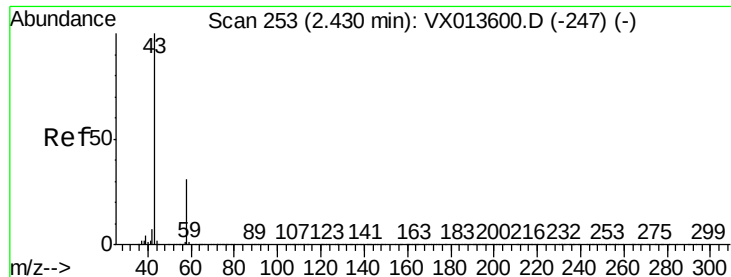


#13

Acrolein
 Concen: 6.917 ug/l
 RT: 2.28 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VX013694.D
 Acq: 29 Nov 2019 12:24

Tgt Ion: 56 Resp: 1260
 Ion Ratio Lower Upper
 56 100
 55 19.0 56.2 84.4#

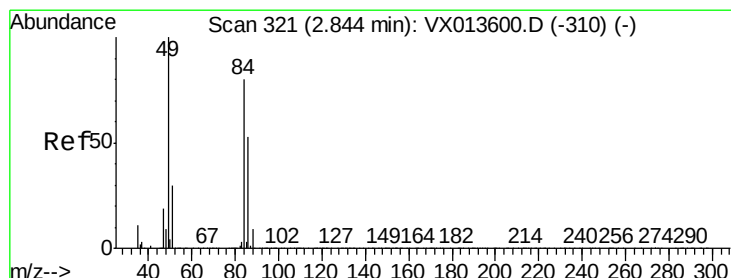
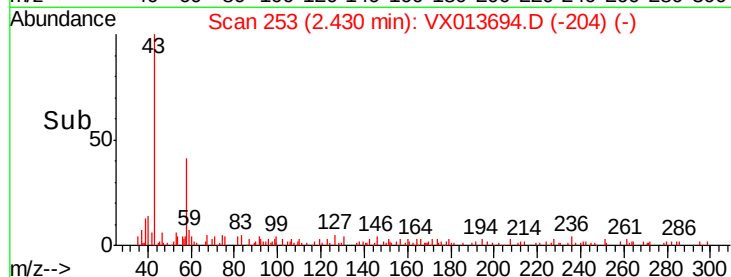
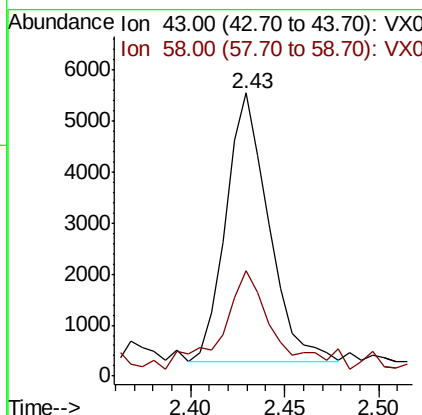
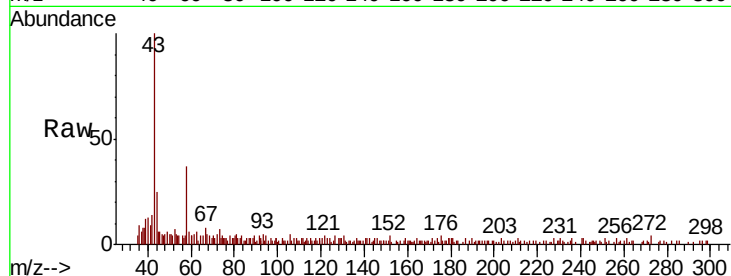




#16
Acetone
Concen: 2.044 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013694.D
Acq: 29 Nov 2019 12:24

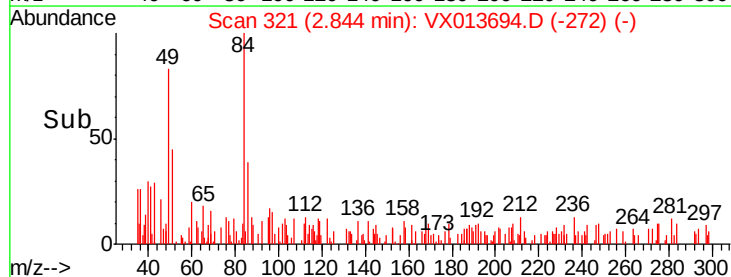
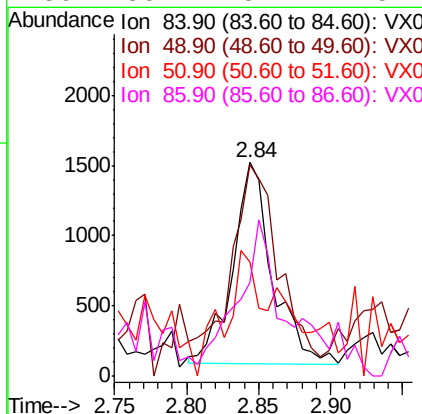
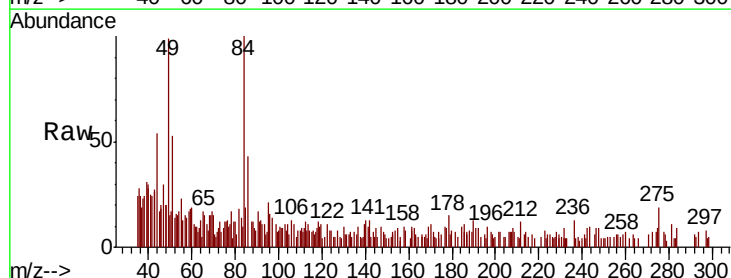
Instrument :
MSVOA_X
ClientSampleId :
S39-TB-2019-1

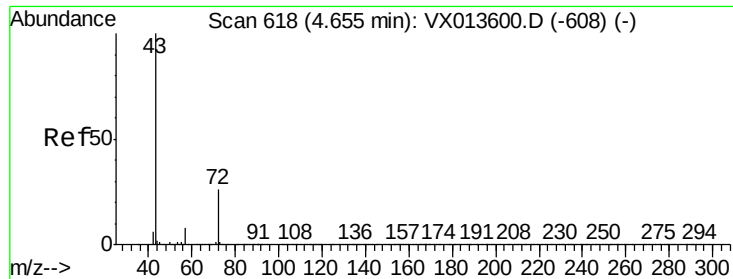
Tot Ion: 43 Resp: 8235
Ion Ratio Lower Upper
43 100
58 30.9 24.6 36.8



#20
Methylene Chloride
Concen: 0.358 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013694.D
Acq: 29 Nov 2019 12:24

Tgt Ion: 84 Resp: 2772
Ion Ratio Lower Upper
84 100
49 87.6 99.7 149.5#
51 45.3 29.9 44.9#
86 36.4 52.2 78.4#

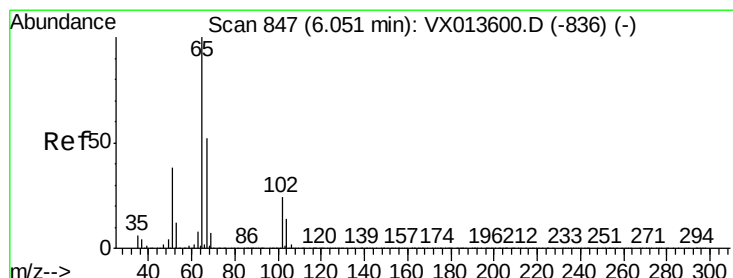
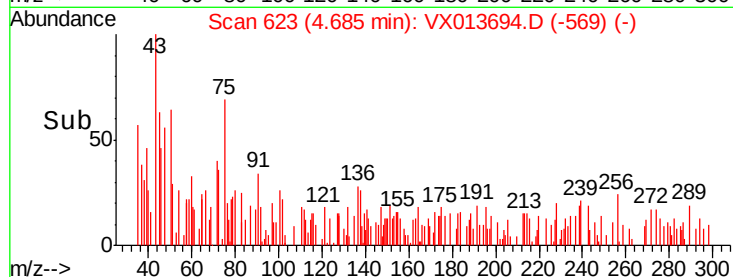
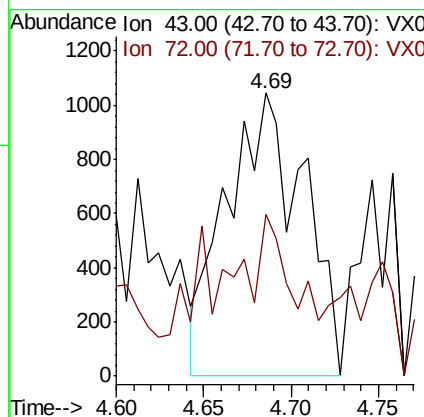
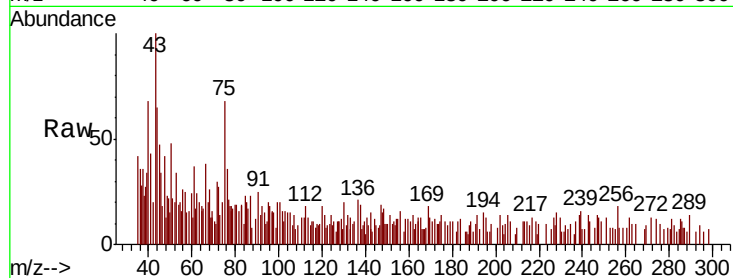




#25
2-Butanone
Concen: 0.537 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.03 min
Lab File: VX013694.D
Acq: 29 Nov 2019 12:24

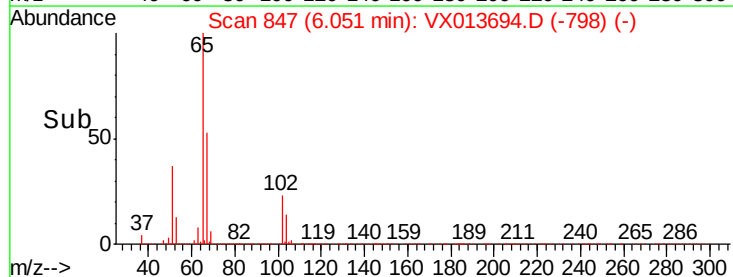
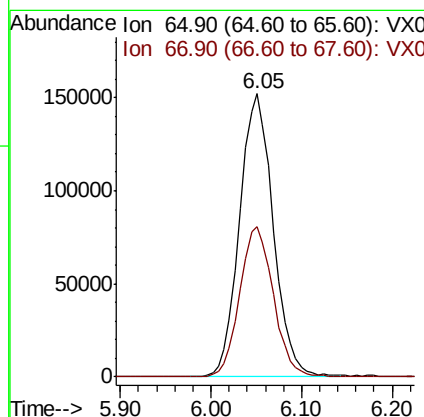
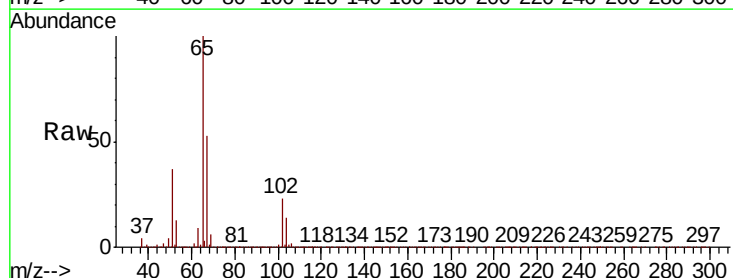
Instrument :
MSVOA_X
ClientSampleId :
S39-TB-2019-1

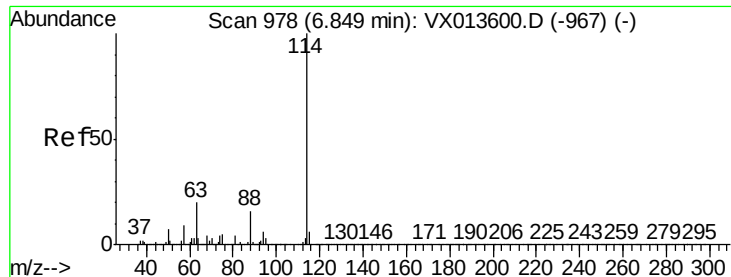
Tot Ion: 43 Resp: 3212
Ion Ratio Lower Upper
43 100
72 38.1 20.6 31.0#



#33
1,2-Dichloroethane-d4
Concen: 47.801 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013694.D
Acq: 29 Nov 2019 12:24

Tgt Ion: 65 Resp: 389989
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013694.D

Acq: 29 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

S39-TB-2019-1

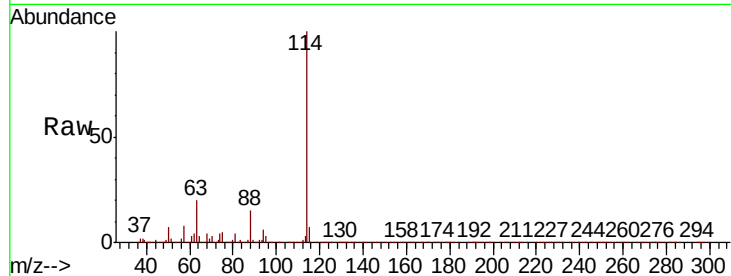
Tot Ion:114 Resp: 1082816

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

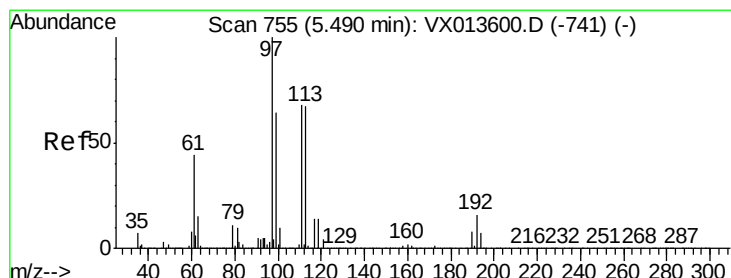
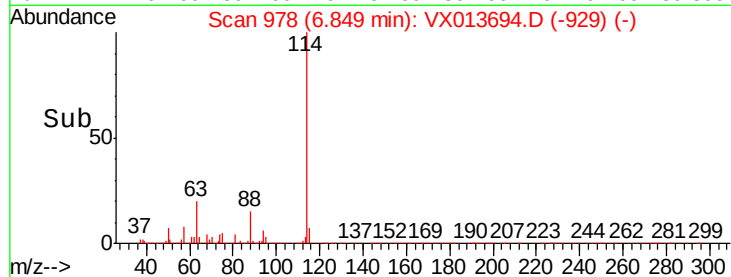
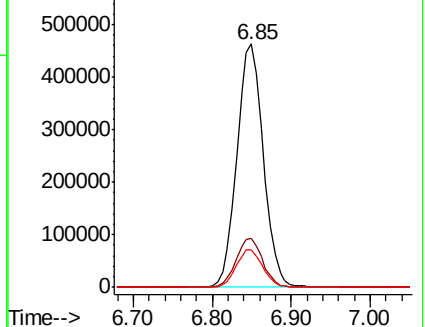
88 15.2 0.0 31.4



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: 47.551 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013694.D

Acq: 29 Nov 2019 12:24

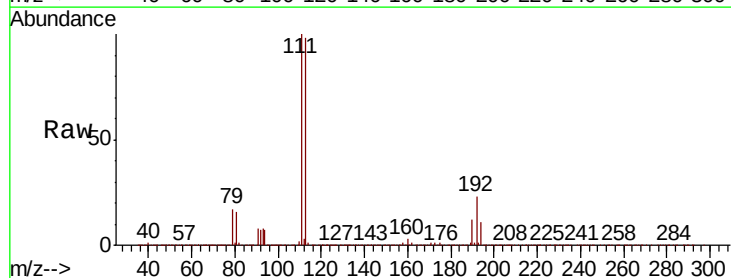
Tgt Ion:113 Resp: 318312

Ion Ratio Lower Upper

113 100

111 103.8 83.6 125.4

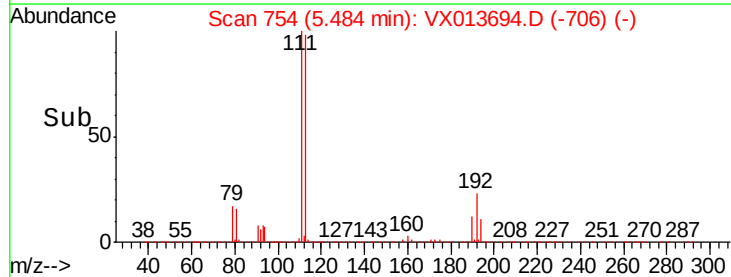
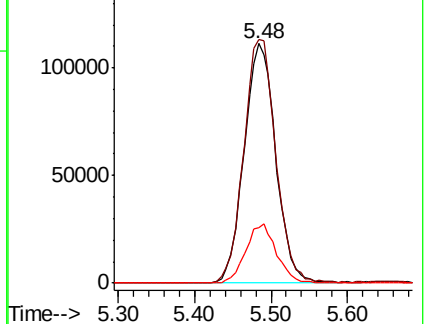
192 23.9 19.2 28.8

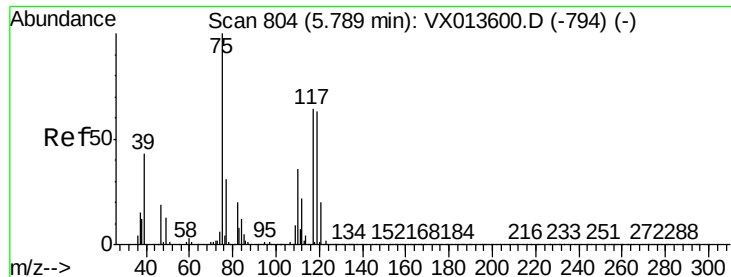


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

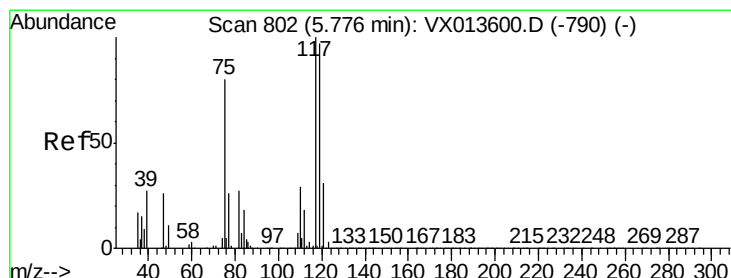
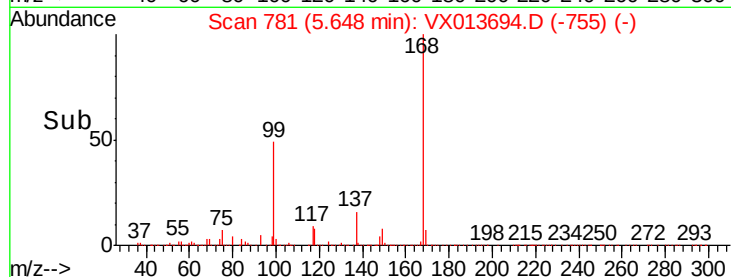
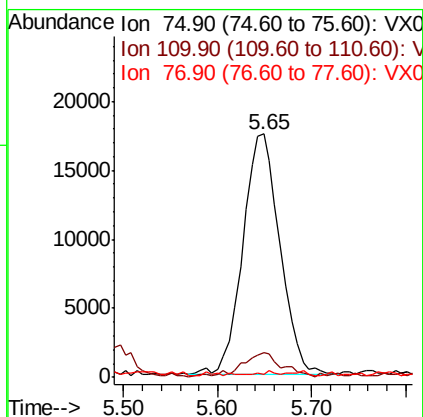
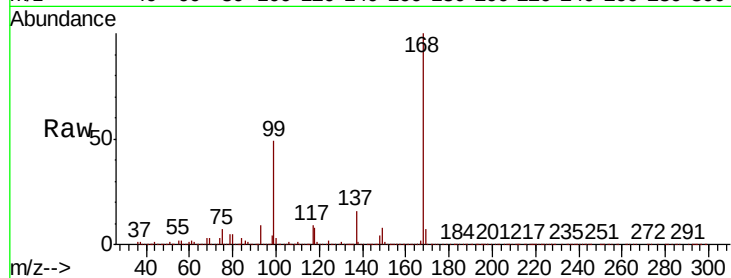




#36
 1,1-Dichloropropene
 Concen: 4.876 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013694.D
 Acq: 29 Nov 2019 12:24

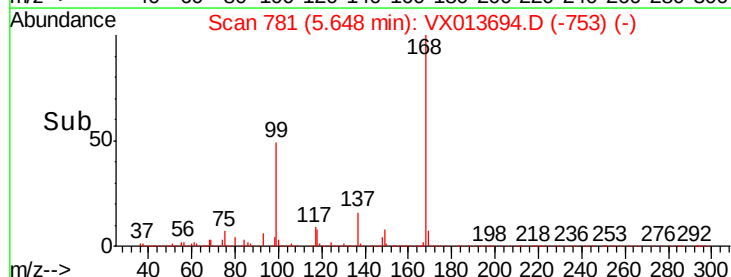
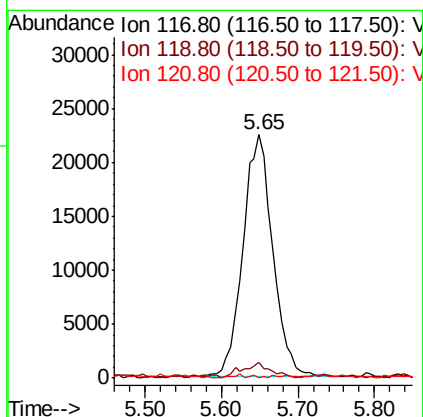
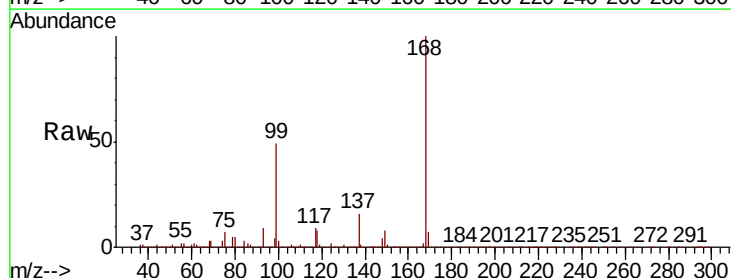
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-TB-2019-1

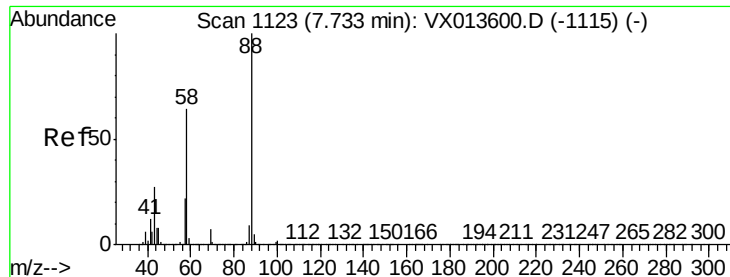
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.1	54.1#
77	0.3	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.726 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013694.D
 Acq: 29 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.5	116.3#
121	0.1	25.0	37.6#

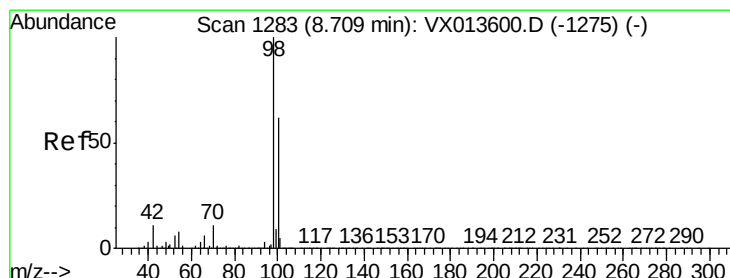
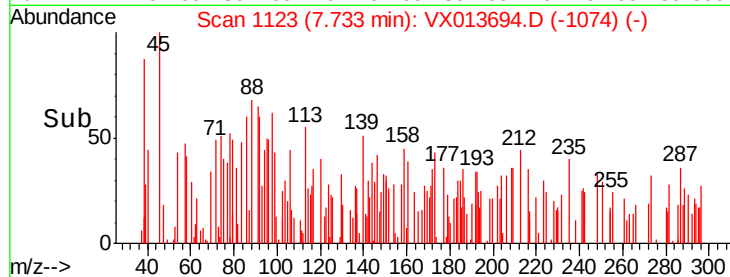
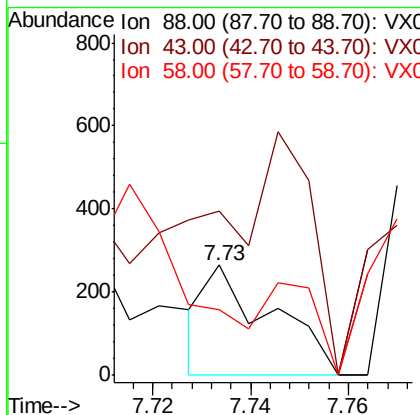
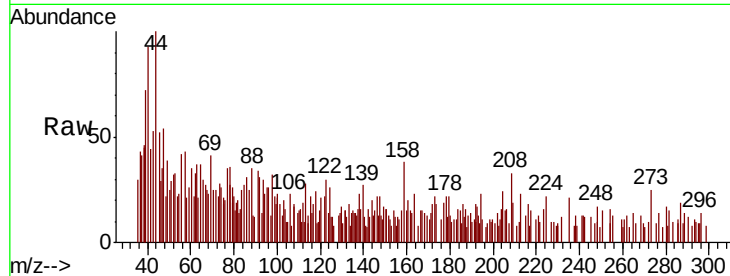




#49
1,4-Dioxane
Concen: 1.236 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013694.D
Acq: 29 Nov 2019 12:24

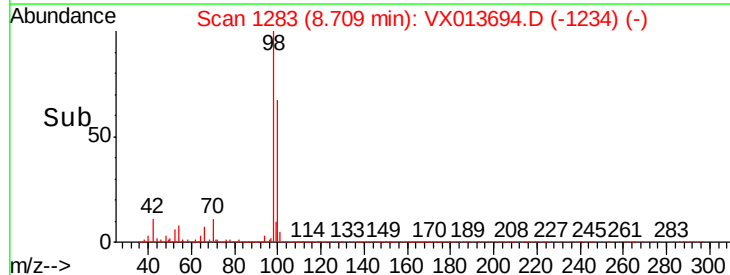
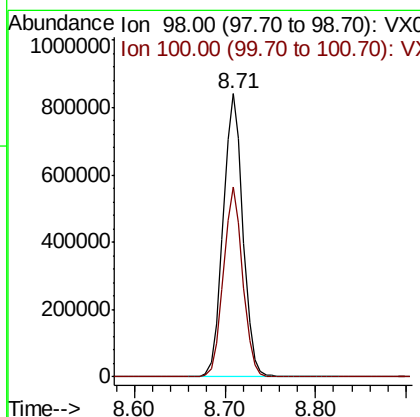
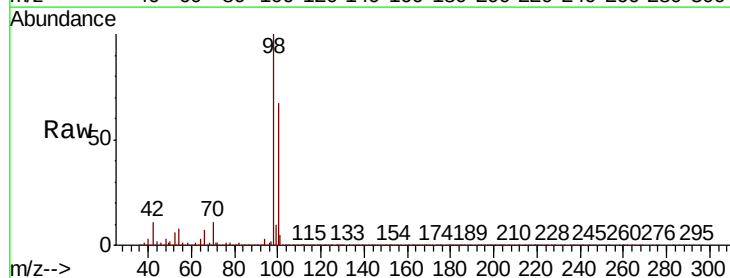
Instrument :
MSVOA_X
ClientSampleId :
S39-TB-2019-1

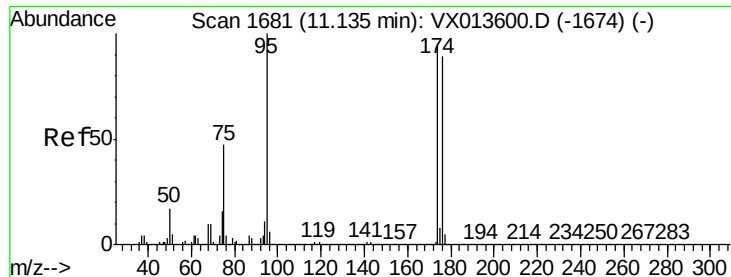
Tot Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
43 157.8 25.8 38.6#
58 0.0 54.6 82.0#



#50
Toluene-d8
Concen: 49.438 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013694.D
Acq: 29 Nov 2019 12:24

Tgt Ion: 98 Resp: 1289388
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

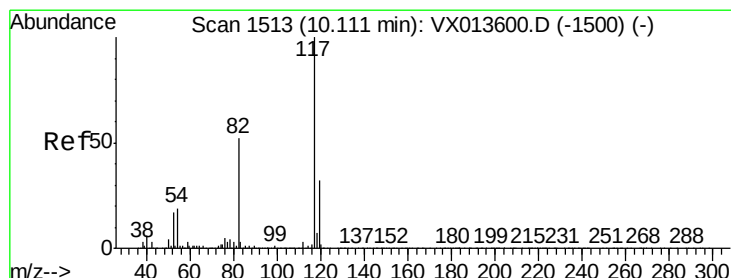
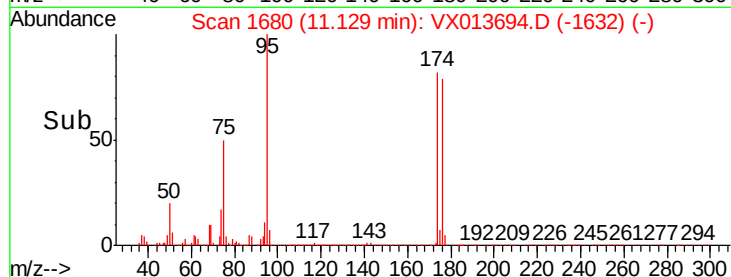
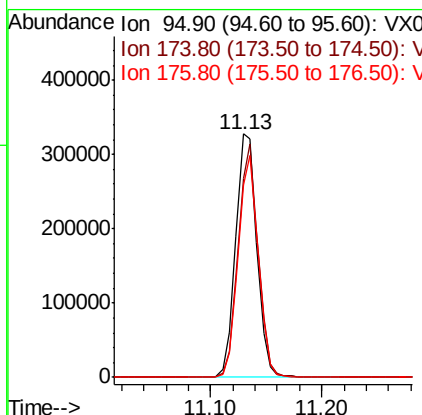
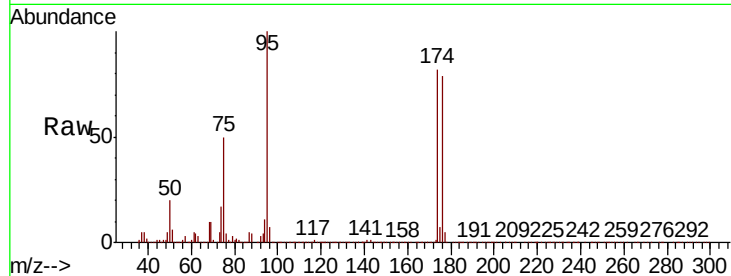




#62
4-Bromofluorobenzene
Concen: 45.654 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013694.D
Acq: 29 Nov 2019 12:24

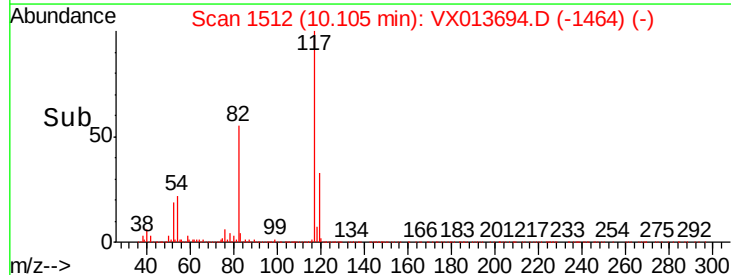
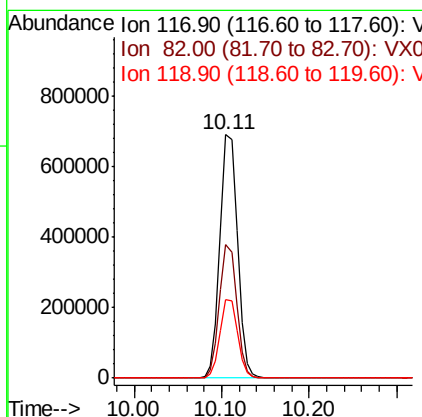
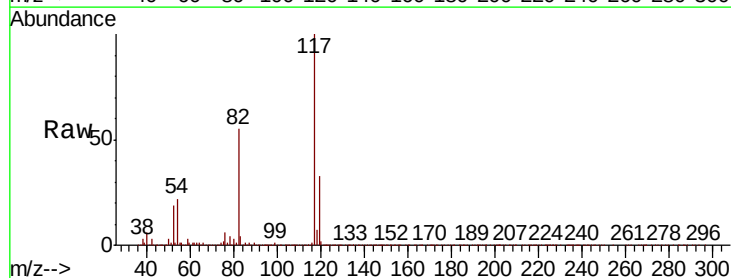
Instrument :
MSVOA_X
ClientSampleId :
S39-TB-2019-1

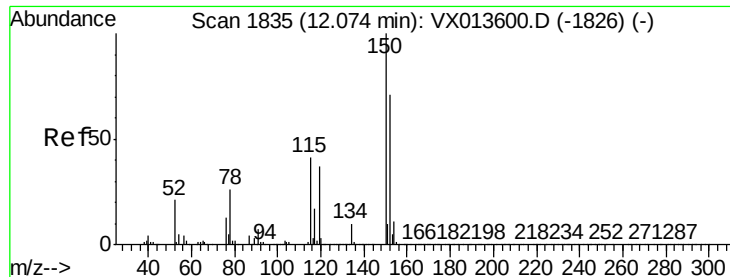
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	180.0
176	87.3	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013694.D
Acq: 29 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.8
119	32.5	25.8	38.8

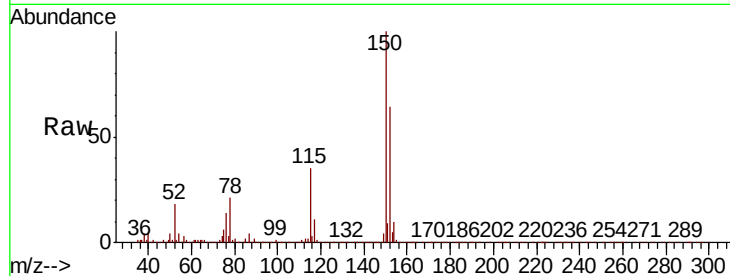




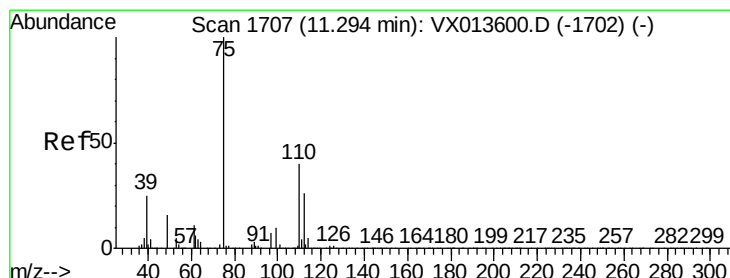
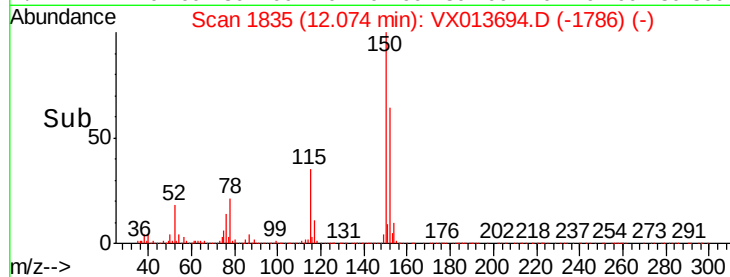
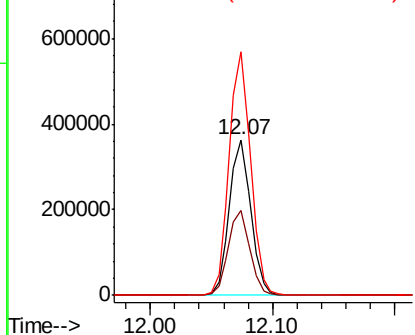
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013694.D
 Acq: 29 Nov 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-TB-2019-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.4	115.1
150	156.5	0.0	346.8

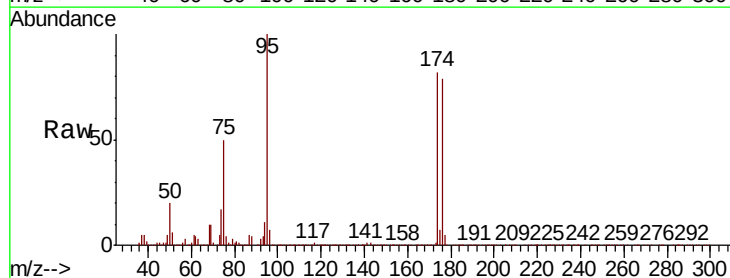


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

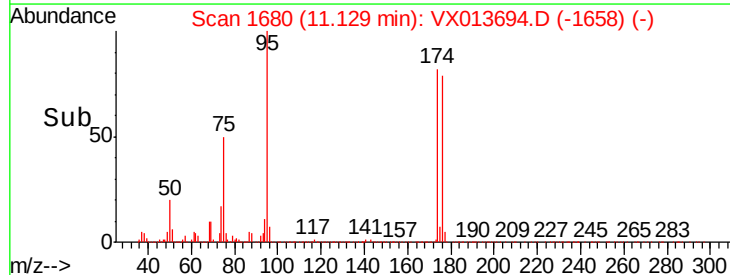
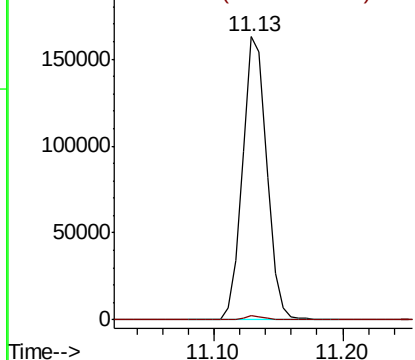


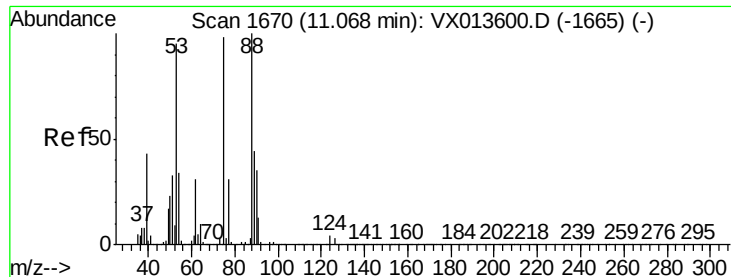
#76
 1,2,3-Trichloropropane
 Concen: 21.292 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013694.D
 Acq: 29 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#



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: 58.251 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013694.D

Acq: 29 Nov 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

S39-TB-2019-1

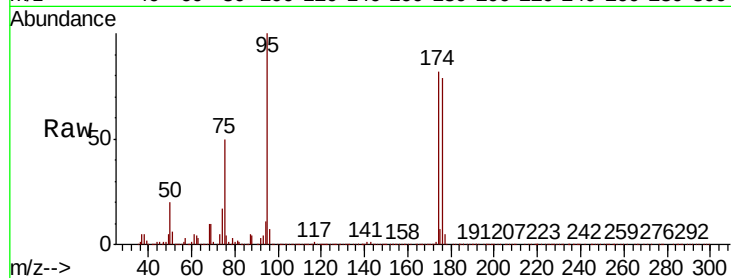
Tot Ion: 75 Resp: 209930

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.2#

89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

