

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013514.D
 Acq On : 21 Nov 2019 19:30
 Operator : JC/SP
 Sample : K5962-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20191120

Quant Time: Nov 22 05:45:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

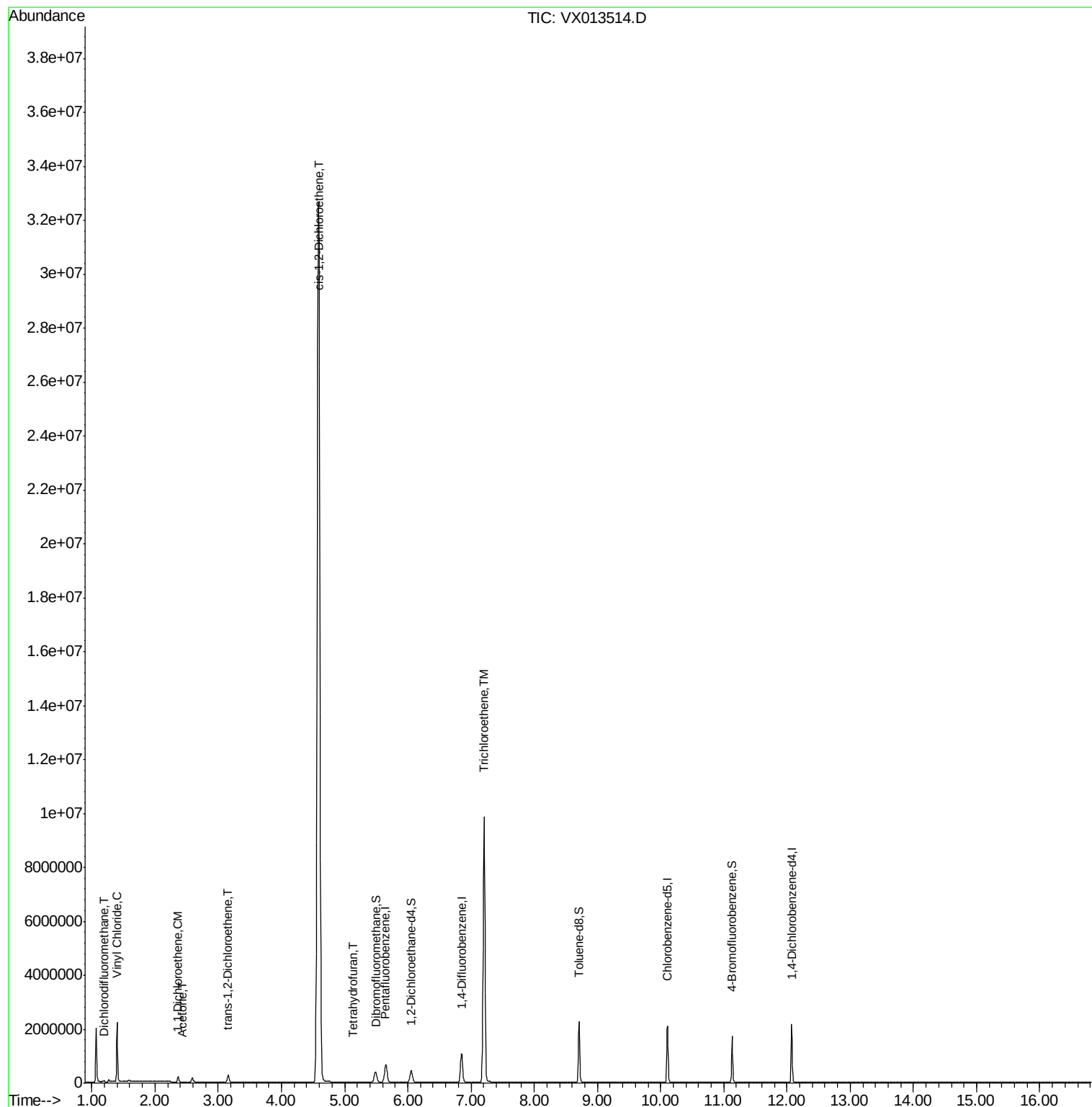
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	681224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1108103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	987448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	408585	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
35) Dibromofluoromethane	5.49	113	337101	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	8.71	98	1323881	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	438340	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	26424	3.367	ug/l	94
4) Vinyl Chloride	1.40	62	1326079	136.845	ug/l	99
12) 1,1-Dichloroethene	2.36	96	69314	11.092	ug/l	95
16) Acetone	2.43	43	5894	1.464	ug/l #	84
21) trans-1,2-Dichloroethene	3.15	96	121083	17.797	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	21515007	2822.893	ug/l	85
29) Tetrahydrofuran	5.13	42	9694	2.664	ug/l	94
44) Trichloroethene	7.21	130	3876843	475.629	ug/l	100

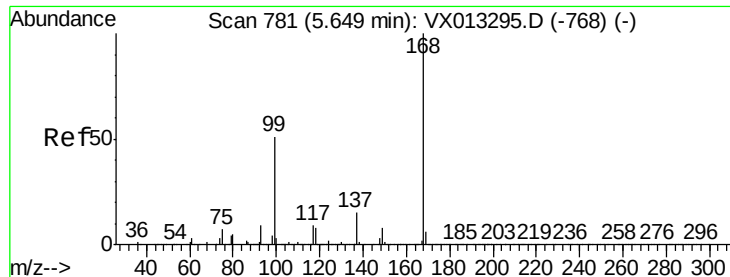
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 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: VX013514.D

Acq: 21 Nov 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

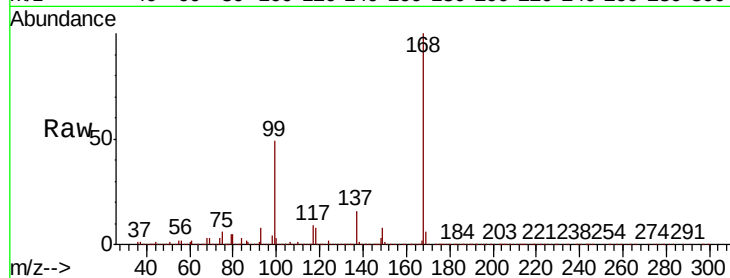
45BR-20191120

Tot Ion:168 Resp: 681224

Ion Ratio Lower Upper

168 100

99 48.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

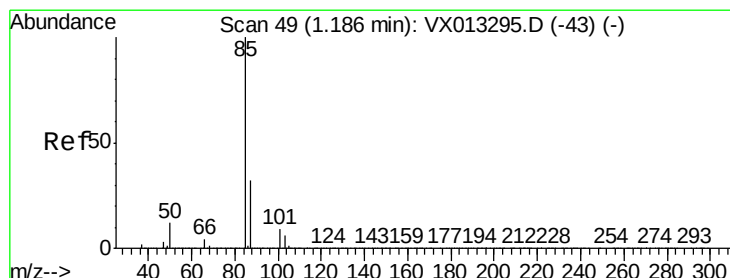
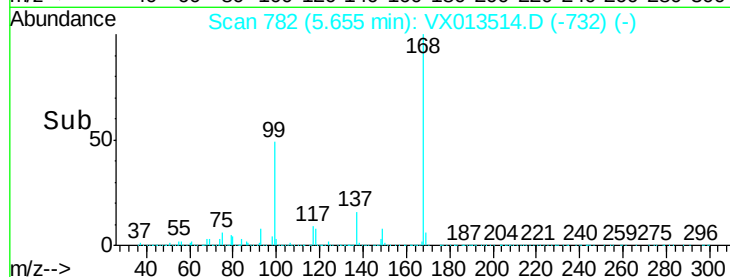
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.367 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013514.D

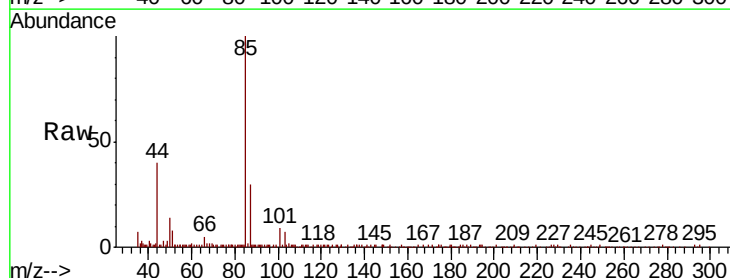
Acq: 21 Nov 2019 19:30

Tgt Ion: 85 Resp: 26424

Ion Ratio Lower Upper

85 100

87 28.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

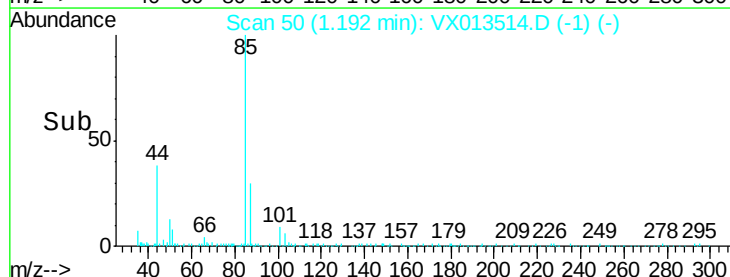
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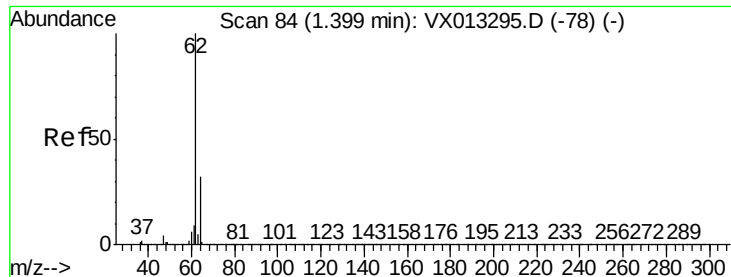
10000

5000

0

Time-->





#4

Vinyl Chloride

Concen: 136.845 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013514.D

Acq: 21 Nov 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

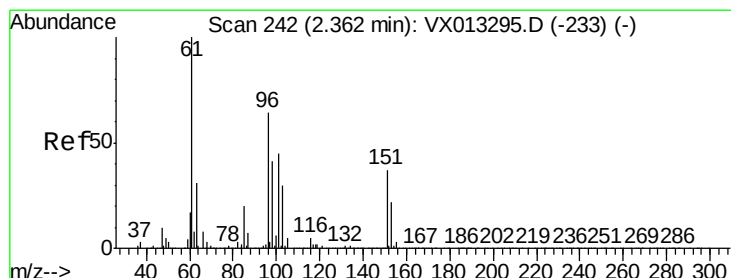
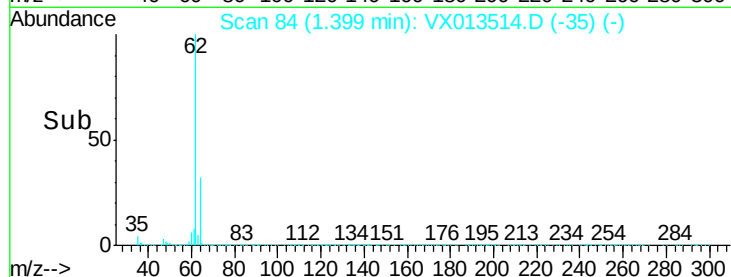
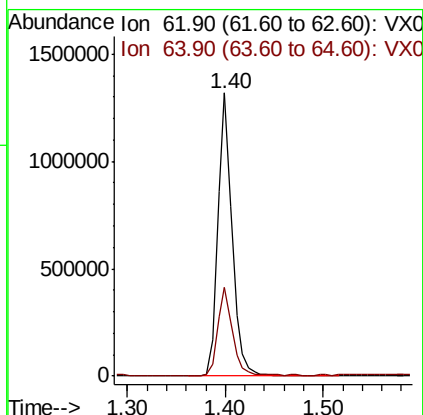
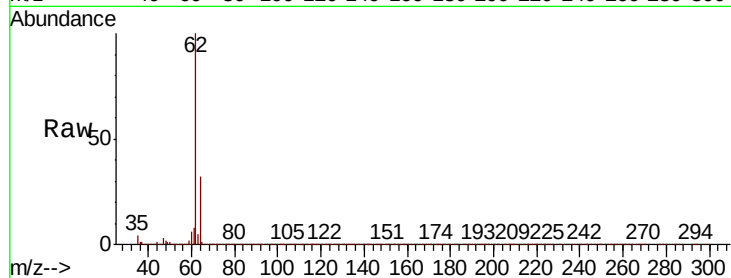
45BR-20191120

Tot Ion: 62 Resp: 1326079

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4



#12

1,1-Dichloroethene

Concen: 11.092 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013514.D

Acq: 21 Nov 2019 19:30

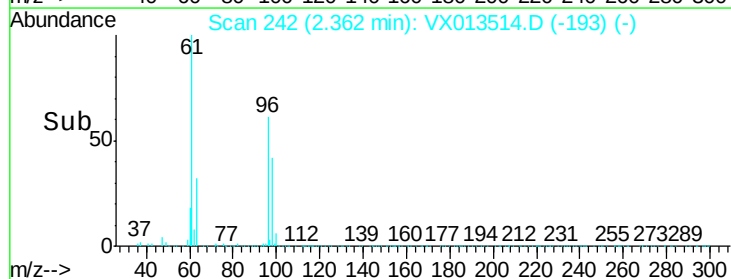
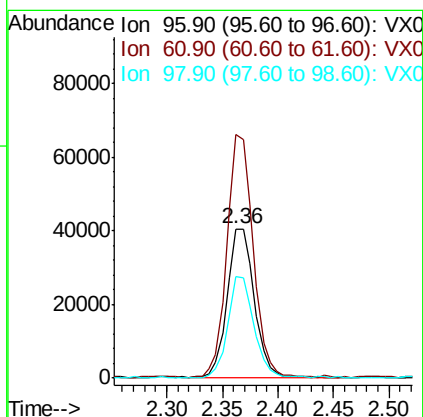
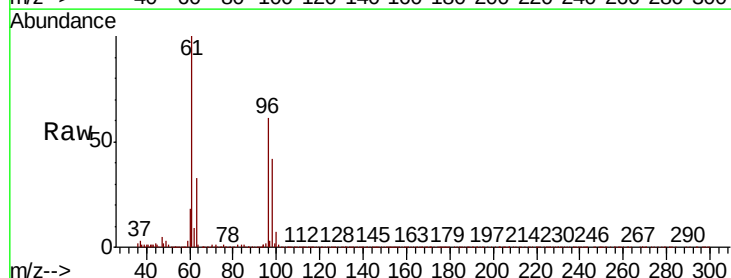
Tgt Ion: 96 Resp: 69314

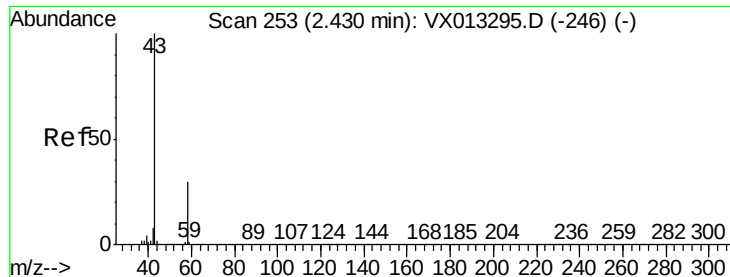
Ion Ratio Lower Upper

96 100

61 162.6 125.0 187.6

98 67.3 50.7 76.1

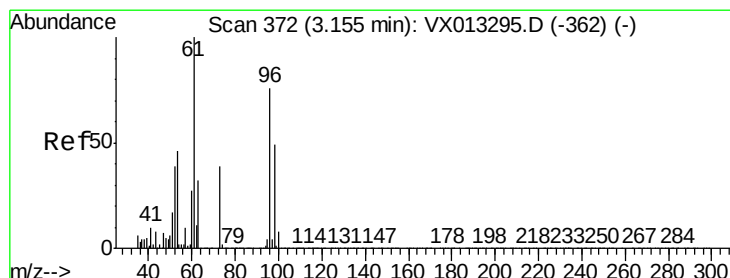
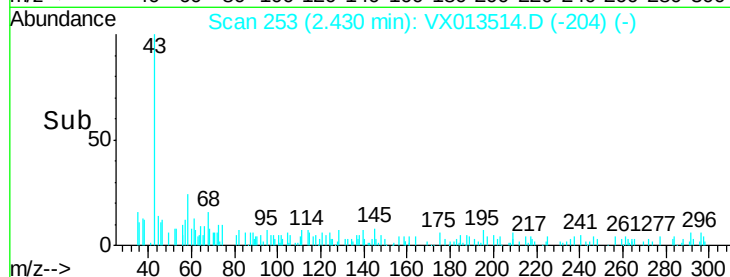
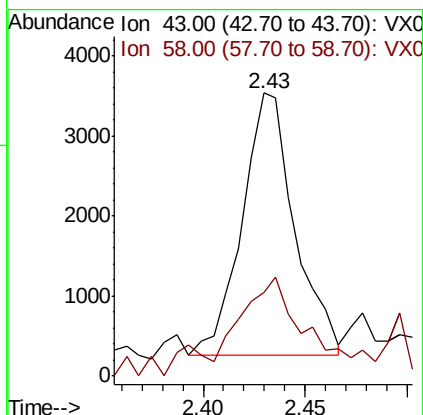
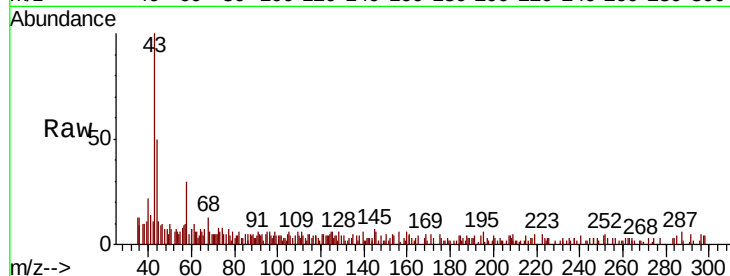




#16
Acetone
Concen: 1.464 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

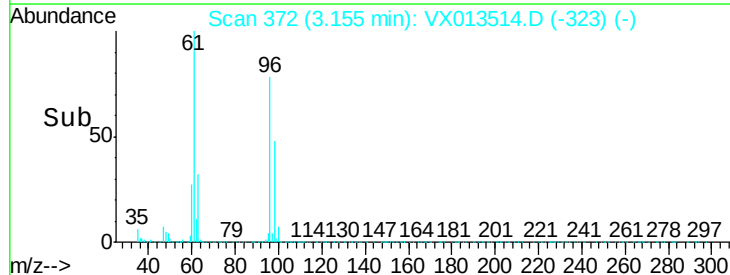
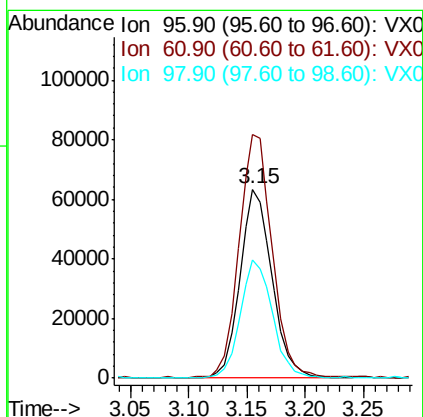
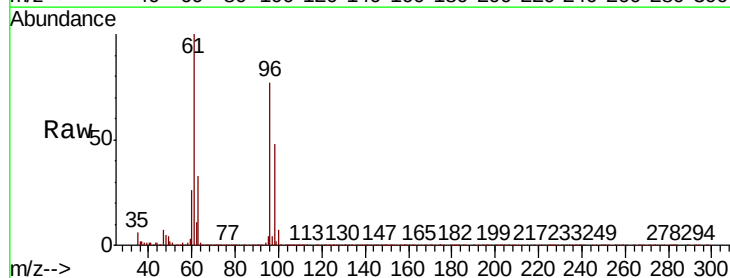
Instrument :
MSVOA_X
ClientSampleId :
45BR-20191120

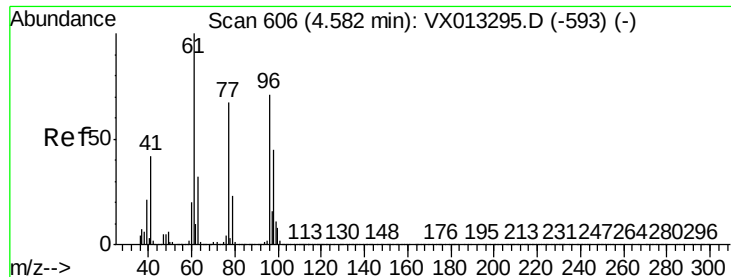
Tot Ion: 43 Resp: 5894
Ion Ratio Lower Upper
43 100
58 21.8 24.3 36.5#



#21
trans-1,2-Dichloroethene
Concen: 17.797 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

Tgt Ion: 96 Resp: 121083
Ion Ratio Lower Upper
96 100
61 128.8 105.8 158.6
98 62.4 51.8 77.6



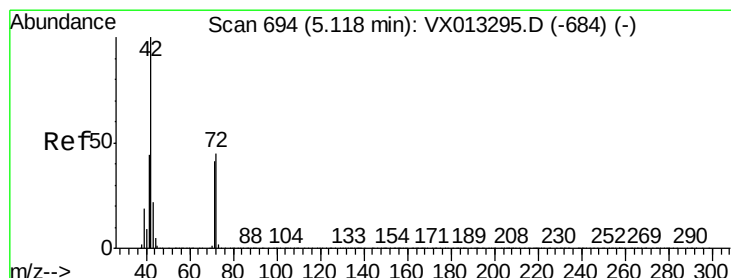
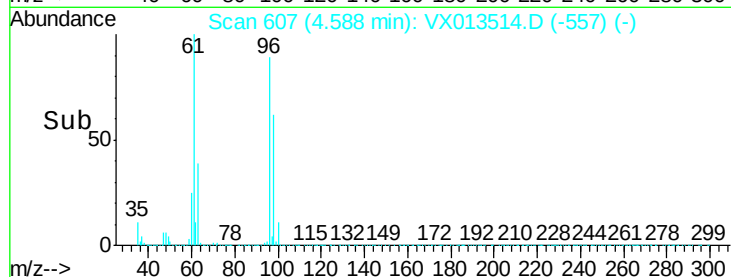
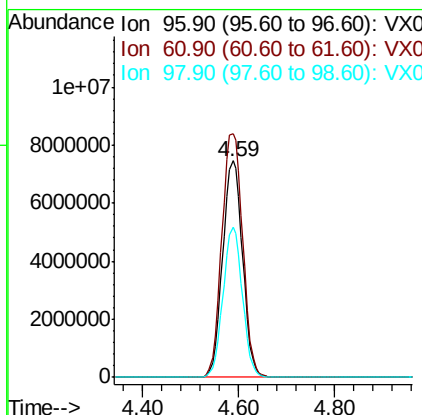
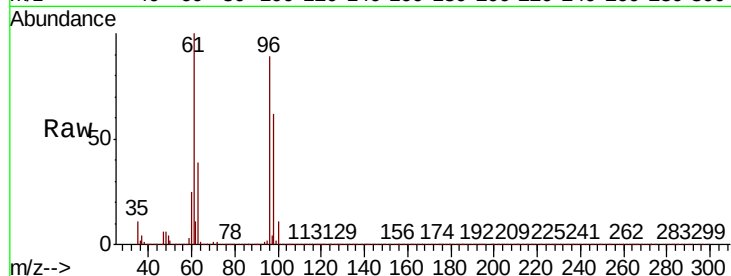


#27

cis-1,2-Dichloroethene
Concen: 2822.893 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

Instrument :
MSVOA_X
ClientSampleId :
45BR-20191120

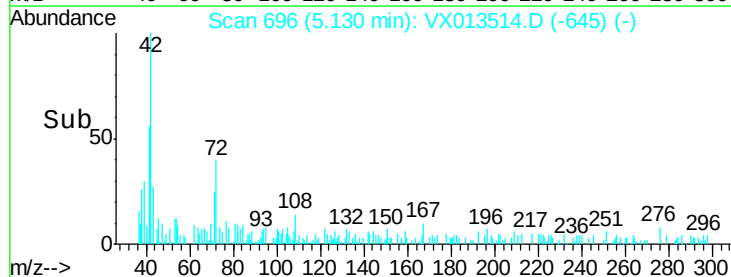
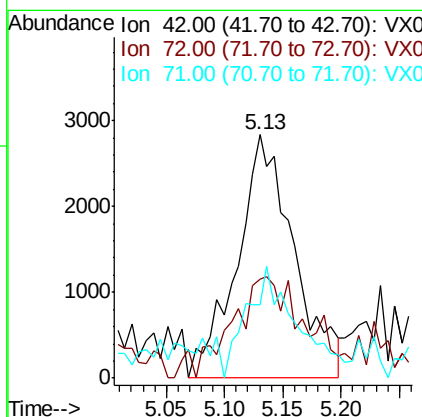
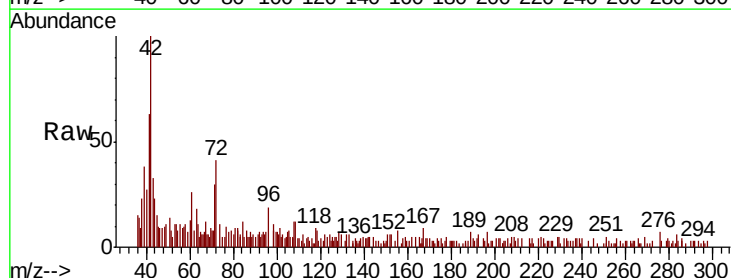
Tot Ion: 96 Resp:21515007
Ion Ratio Lower Upper
96 100
61 118.0 0.0 288.0
98 67.2 0.0 129.6

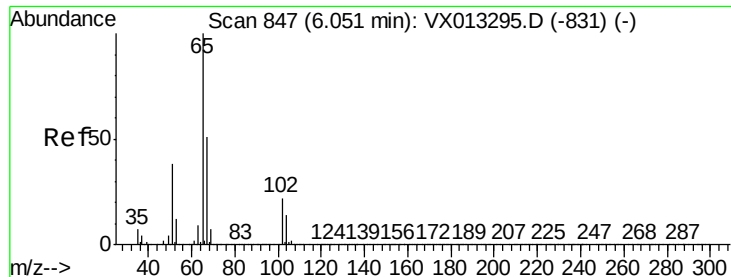


#29

Tetrahydrofuran
Concen: 2.664 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.01 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

Tgt Ion: 42 Resp: 9694
Ion Ratio Lower Upper
42 100
72 51.3 35.8 53.8
71 40.4 33.4 50.0

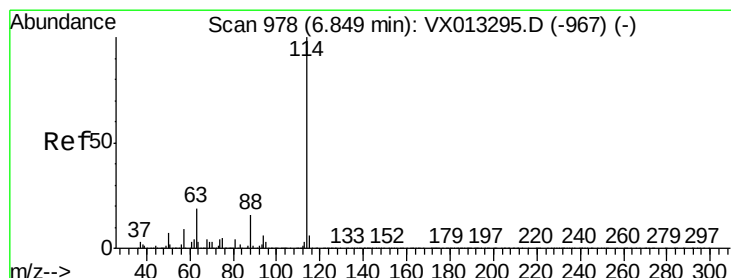
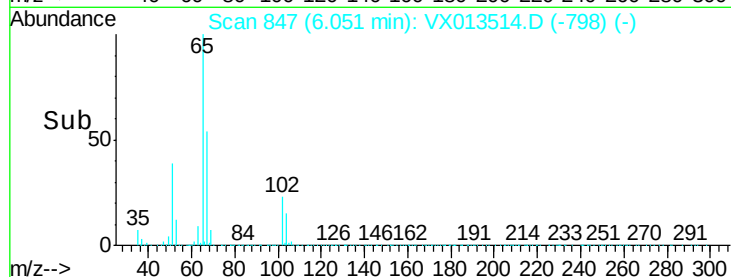
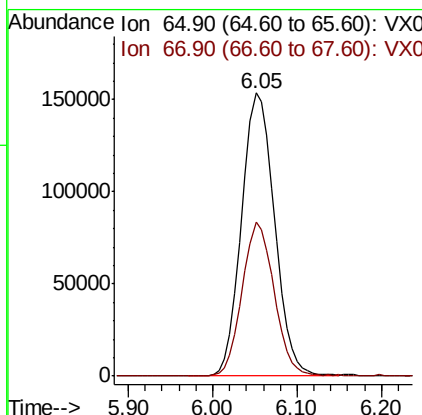
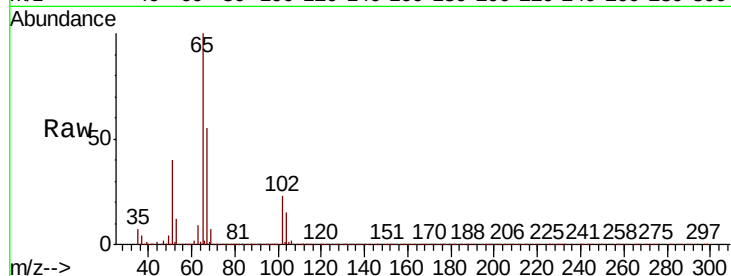




#33
 1,2-Dichloroethane-d4
 Concen: 50.627 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013514.D
 Acq: 21 Nov 2019 19:30

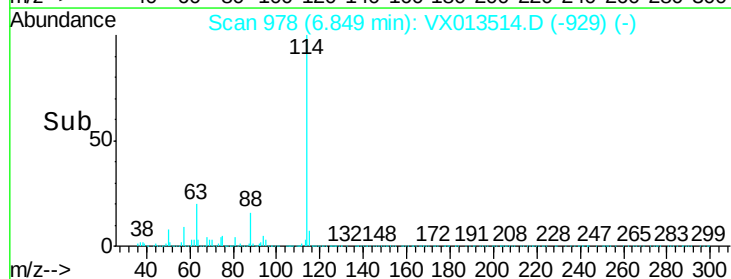
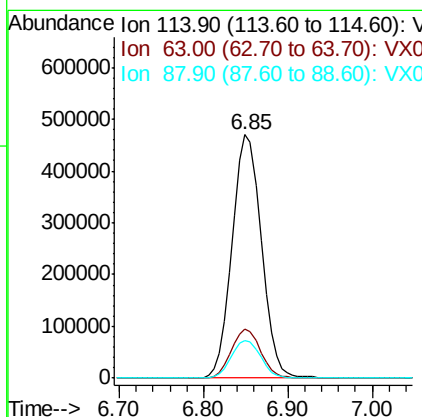
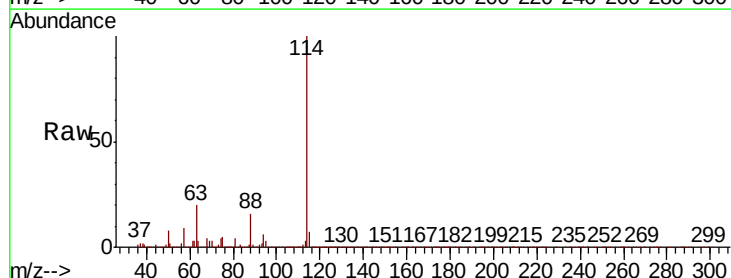
Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20191120

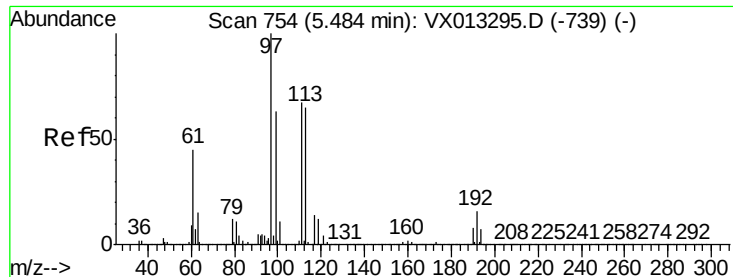
Tot Ion: 65 Resp: 408585
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013514.D
 Acq: 21 Nov 2019 19:30

Tgt Ion: 114 Resp: 1108103
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.4
 88 15.6 0.0 32.2

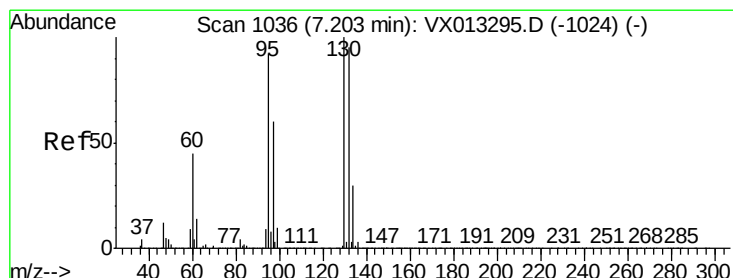
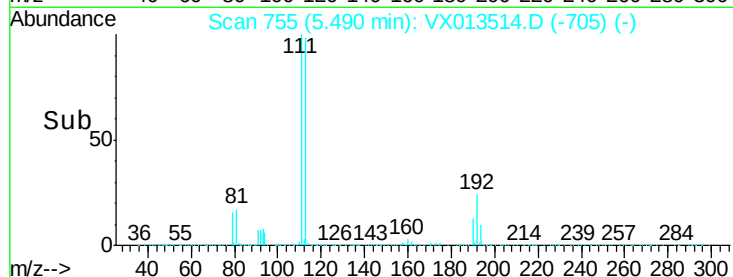
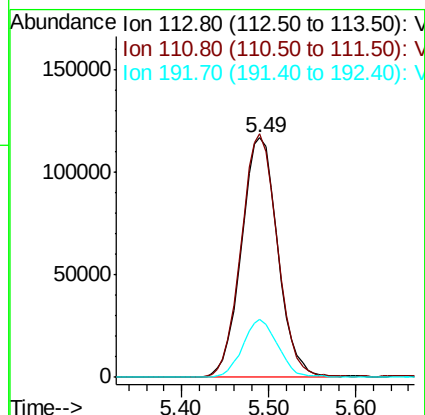
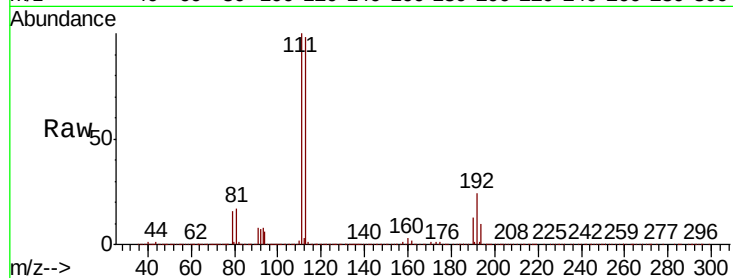




#35
Dibromofluoromethane
Concen: 48.503 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

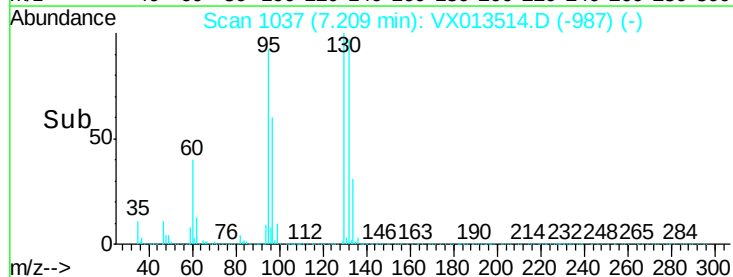
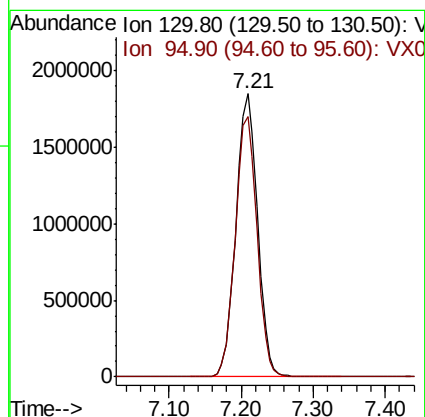
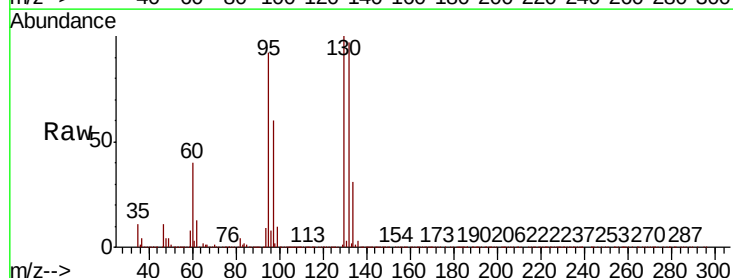
Instrument :
MSVOA_X
ClientSampleId :
45BR-20191120

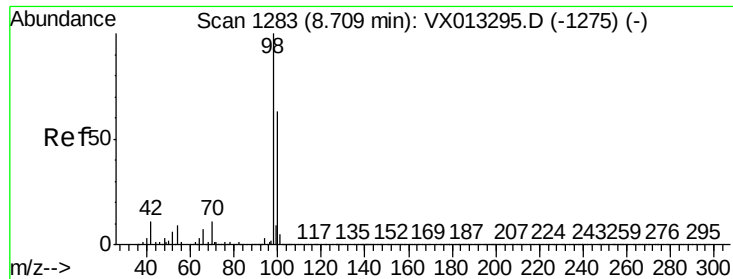
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	23.3	19.1	28.7



#44
Trichloroethene
Concen: 475.629 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	184.8

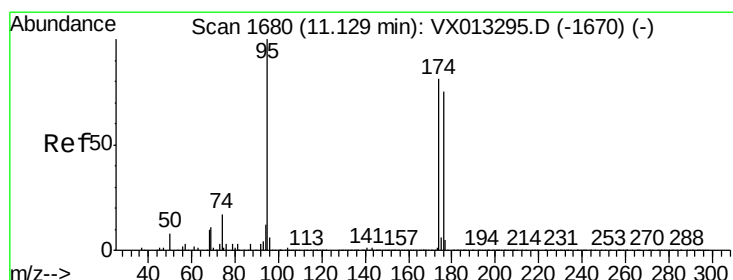
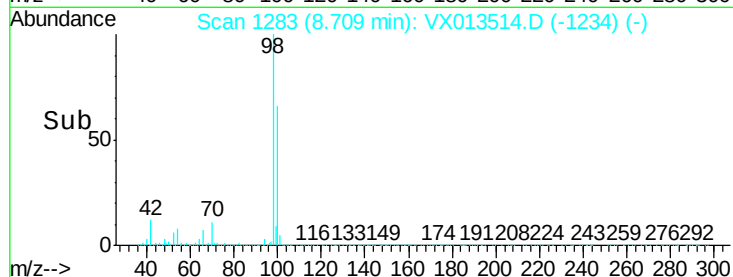
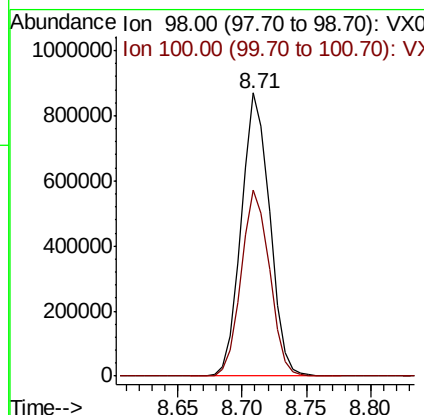
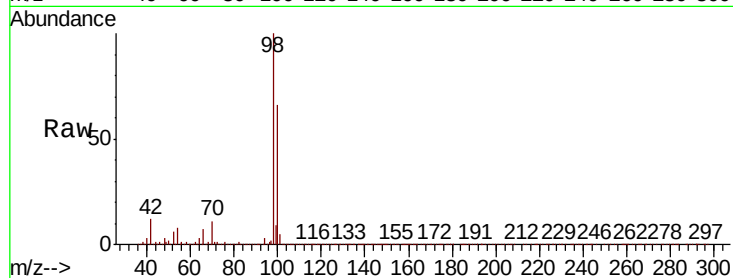




#50
Toluene-d8
Concen: 50.527 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

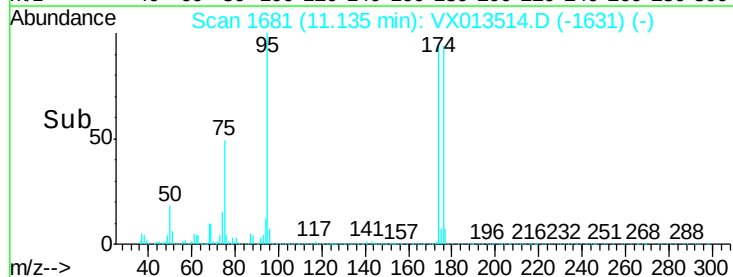
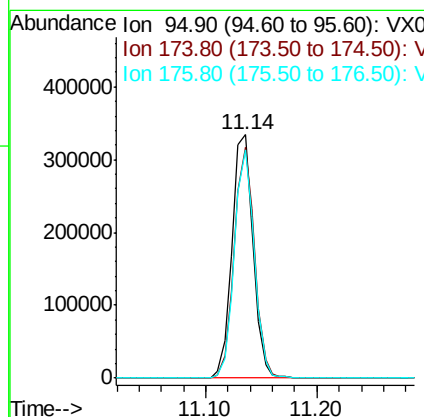
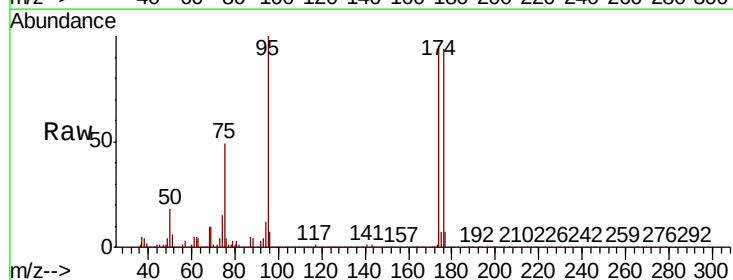
Instrument :
MSVOA_X
ClientSampleId :
45BR-20191120

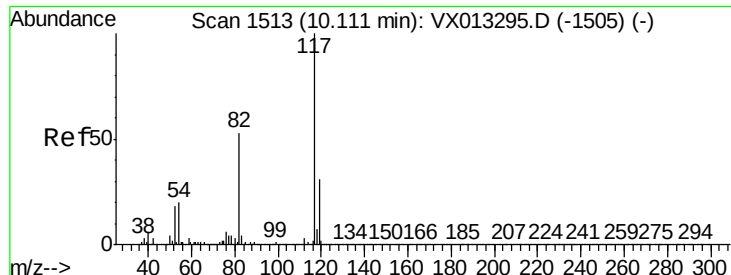
Tot Ion: 98 Resp: 1323881
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 46.355 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

Tgt Ion: 95 Resp: 438340
Ion Ratio Lower Upper
95 100
174 91.1 0.0 179.8
176 88.9 0.0 173.0

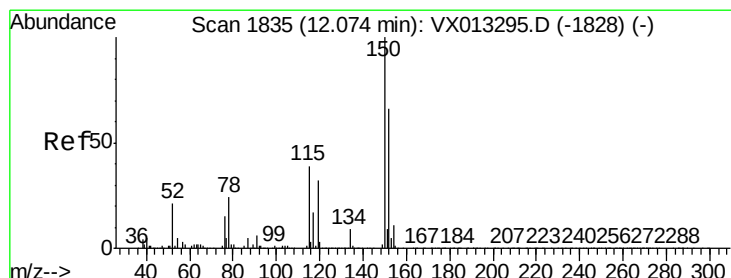
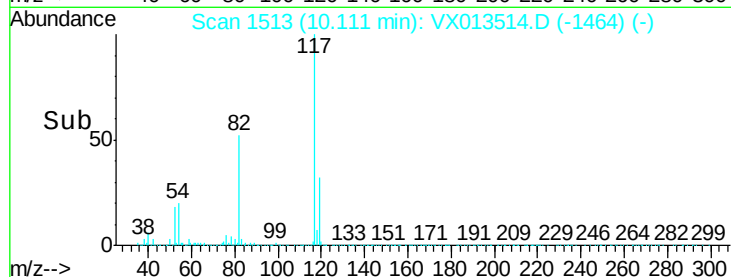
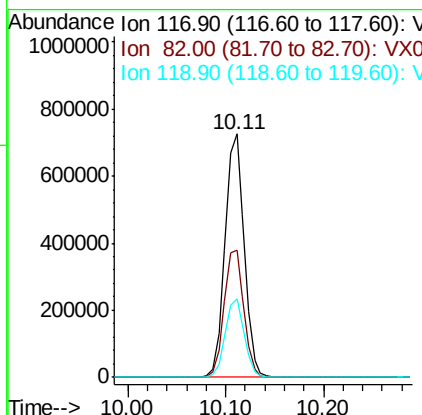
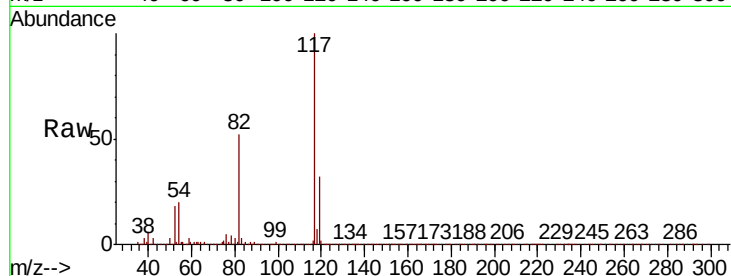




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

Instrument :
MSVOA_X
ClientSampleId :
45BR-20191120

Tot Ion:117 Resp: 987448
Ion Ratio Lower Upper
117 100
82 52.4 42.6 64.0
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013514.D
Acq: 21 Nov 2019 19:30

Tgt Ion:152 Resp: 442989
Ion Ratio Lower Upper
152 100
115 55.8 39.5 118.3
150 157.0 0.0 344.4

