

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013392.D
 Acq On : 12 Nov 2019 18:01
 Operator : JC/SP
 Sample : K5799-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 13 02:43:14 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	775029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1226413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1092874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	508304	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	436259	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
35) Dibromofluoromethane	5.48	113	367191	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	1458904	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.14	95	496935	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	

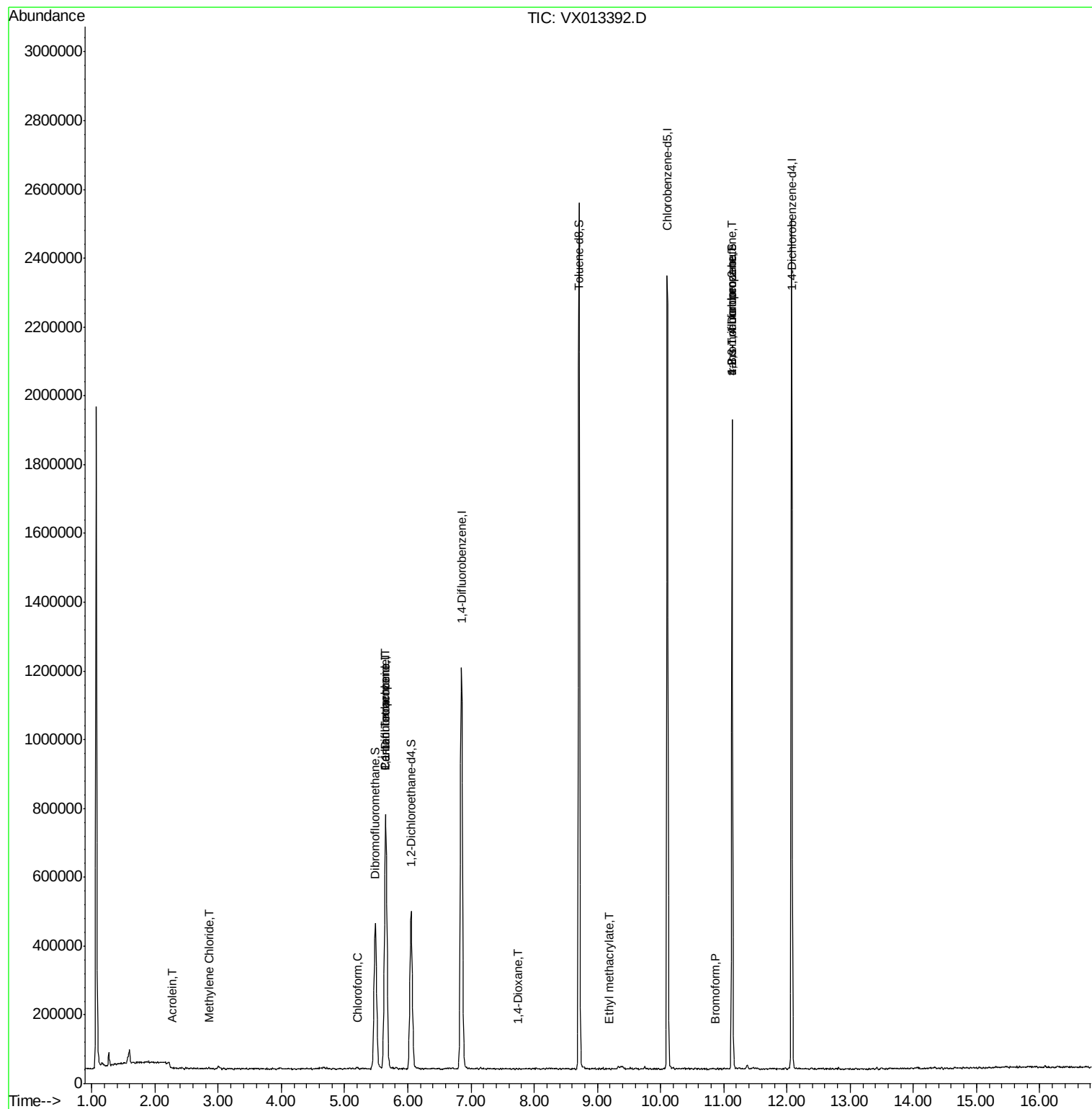
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	1426	Below Cal		95
13) Acrolein	2.27	56	1231	0.939	ug/l #	14
20) Methylene Chloride	2.85	84	2185	0.258	ug/l #	81
30) Chloroform	5.20	83	5399	0.392	ug/l	94
36) 1,1-Dichloropropene	5.65	75	51537	4.898	ug/l #	51
38) Carbon Tetrachloride	5.65	117	69444	6.750	ug/l #	17
49) 1,4-Dioxane	7.75	88	499	2.156	ug/l #	50
56) Ethyl methacrylate	9.19	69	427	1.592	ug/l #	1
71) Bromoform	10.87	173	282	3.238	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	240362	23.281	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	240362	59.925	ug/l #	9

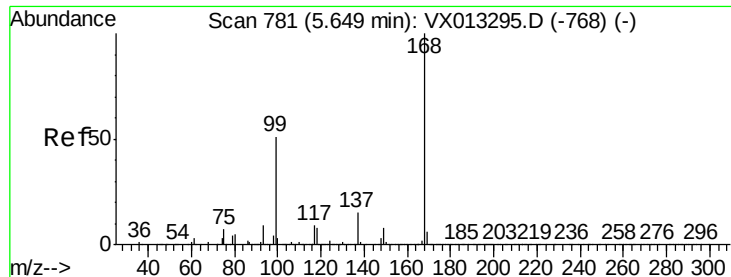
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111219\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
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# 781

Delta R.T. 0.00 min

Lab File: VX013392.D

Acq: 12 Nov 2019 18:01

Instrument :

MSVOA_X

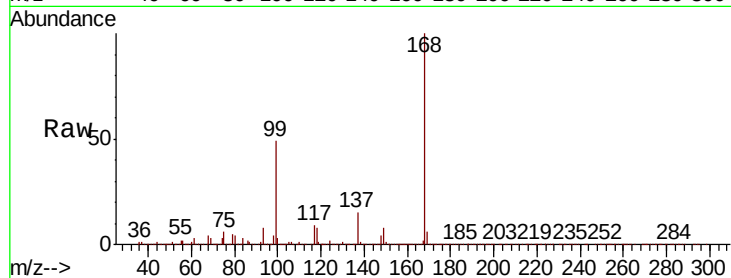
ClientSampleId :

Tot Ion:168 Resp: 775029

Ion Ratio Lower Upper

168 100

99 49.2 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

300000

250000

200000

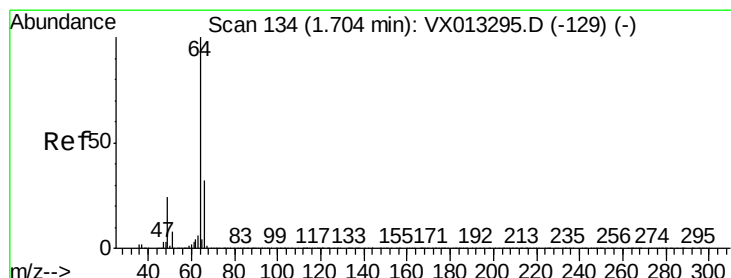
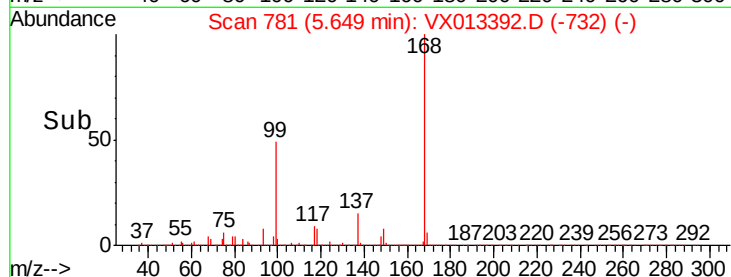
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013392.D

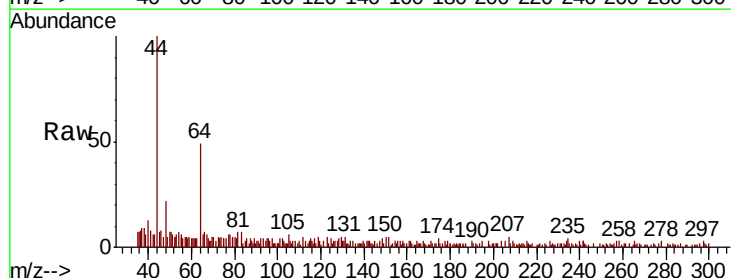
Acq: 12 Nov 2019 18:01

Tgt Ion: 64 Resp: 1426

Ion Ratio Lower Upper

64 100

66 29.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

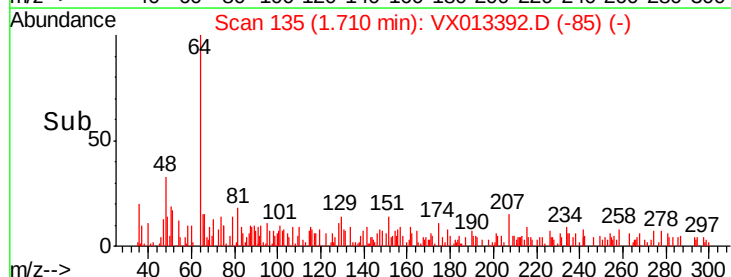
3000

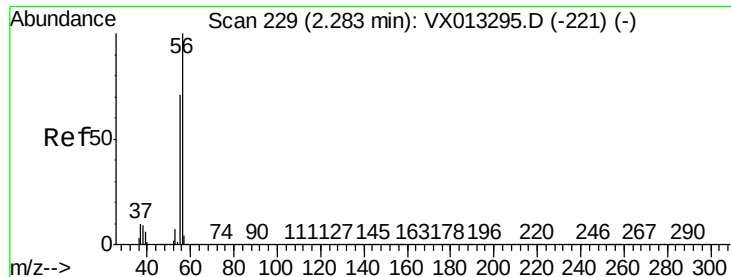
2000

1000

0

Time-->





#13

Acrolein

Concen: 0.939 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX013392.D

Acq: 12 Nov 2019 18:01

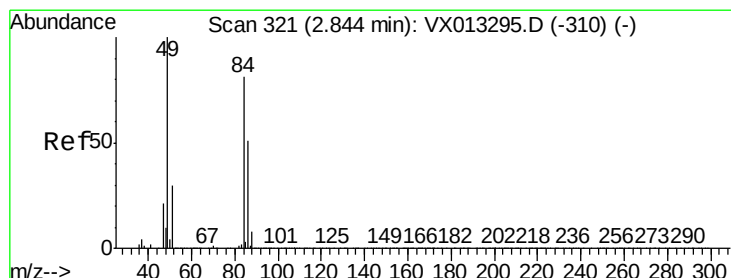
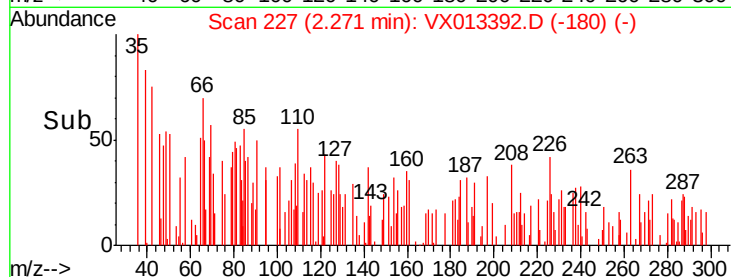
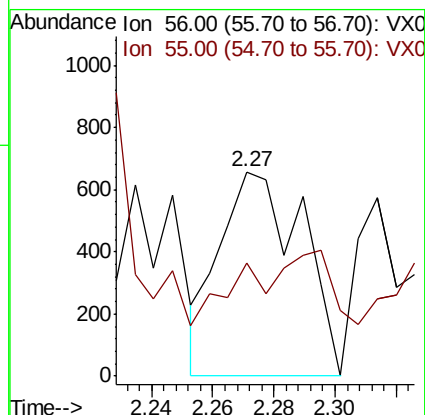
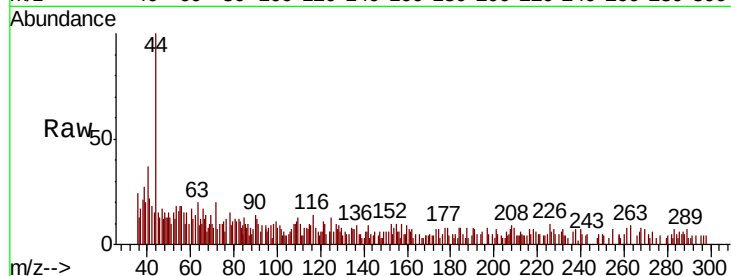
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 1231

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



#20

Methylene Chloride

Concen: 0.258 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX013392.D

Acq: 12 Nov 2019 18:01

Tgt Ion: 84 Resp: 2185

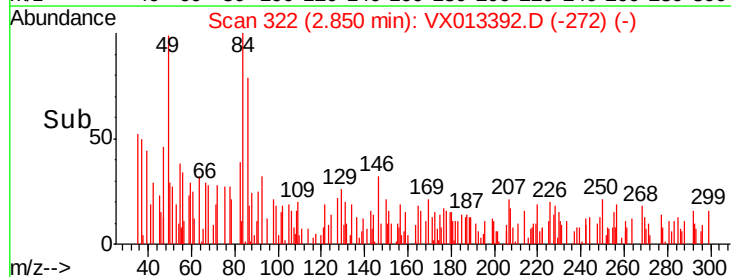
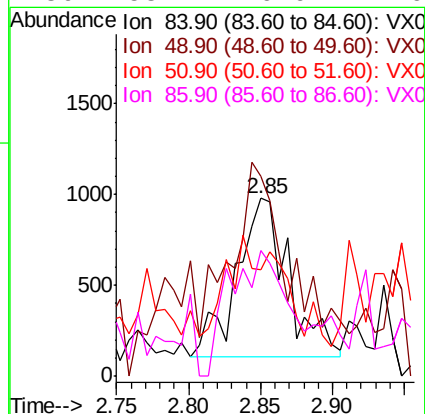
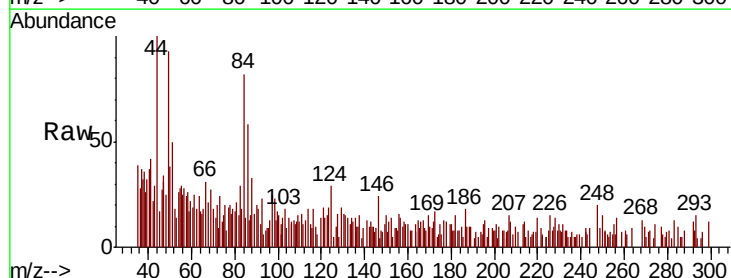
Ion Ratio Lower Upper

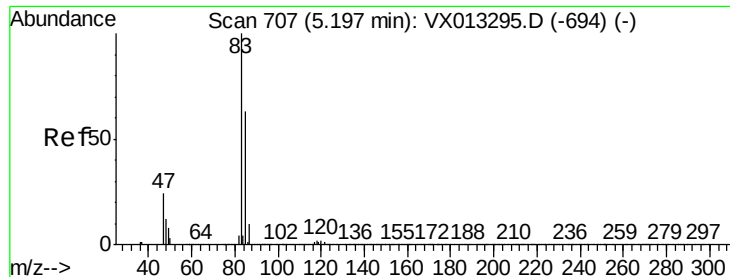
84 100

49 91.9 98.2 147.4#

51 36.3 29.9 44.9

86 53.4 49.9 74.9

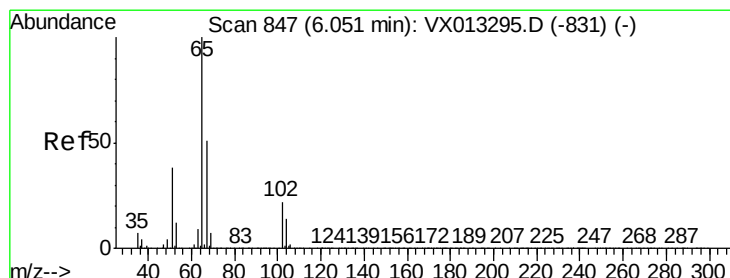
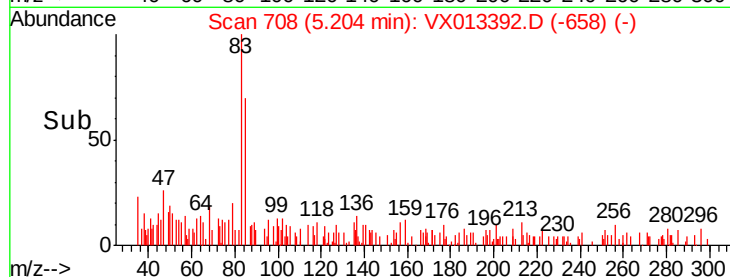
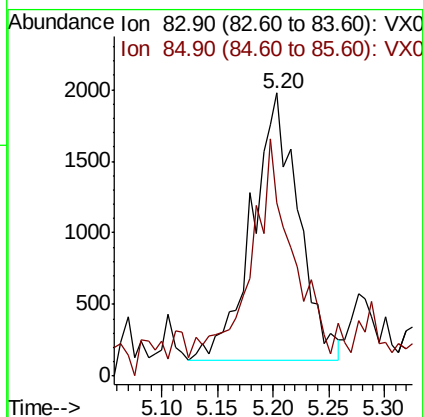
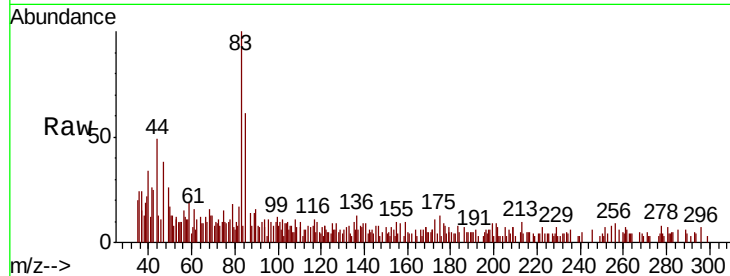




#30
Chloroform
Concen: 0.392 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013392.D
Acq: 12 Nov 2019 18:01

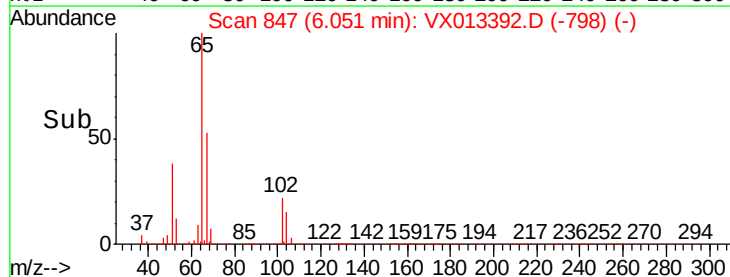
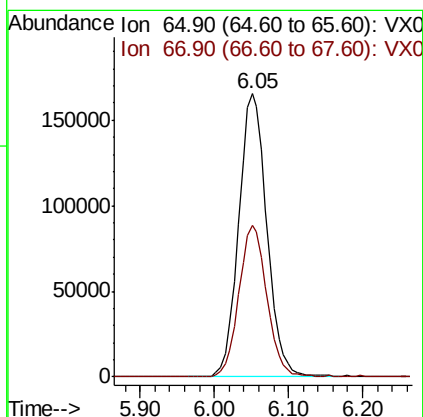
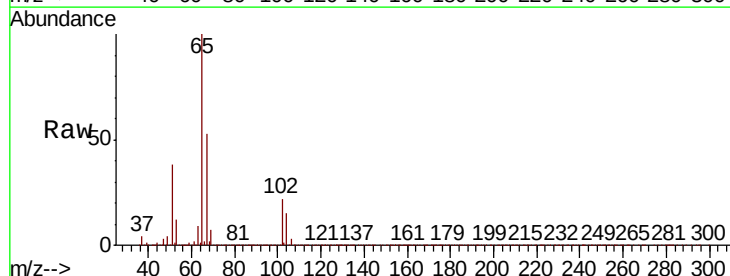
Instrument :
MSVOA_X
ClientSampled :

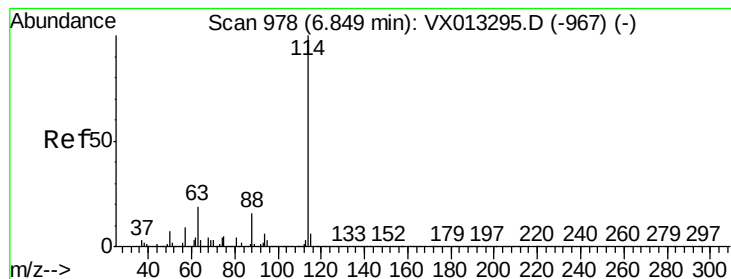
Tot Ion: 83 Resp: 5399
Ion Ratio Lower Upper
83 100
85 58.3 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 47.513 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013392.D
Acq: 12 Nov 2019 18:01

Tgt Ion: 65 Resp: 436259
Ion Ratio Lower Upper
65 100
67 53.4 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: VX013392.D

Acq: 12 Nov 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

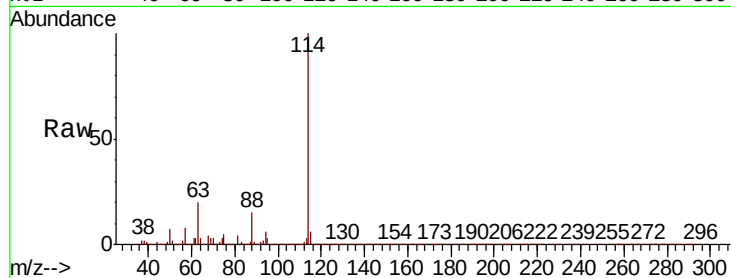
Tot Ion:114 Resp: 1226413

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

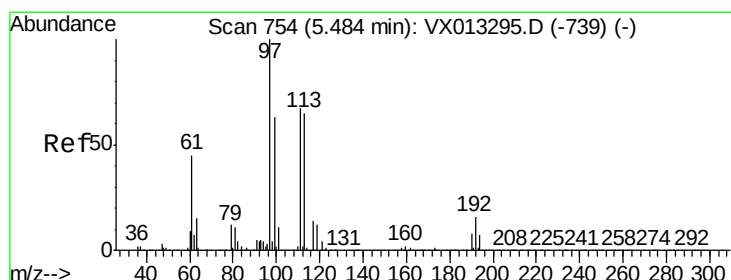
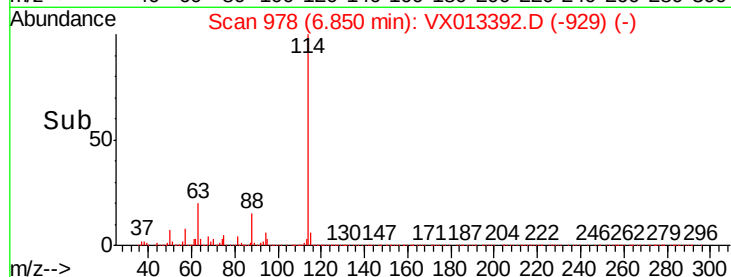
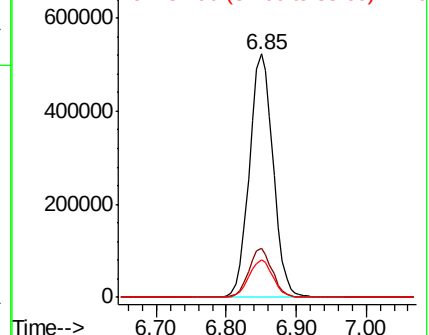
88 15.2 0.0 32.2



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: 47.735 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013392.D

Acq: 12 Nov 2019 18:01

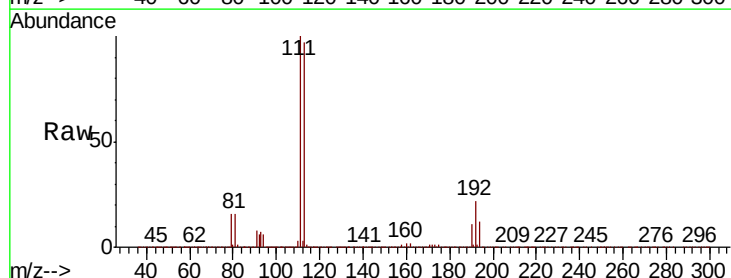
Tgt Ion:113 Resp: 367191

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

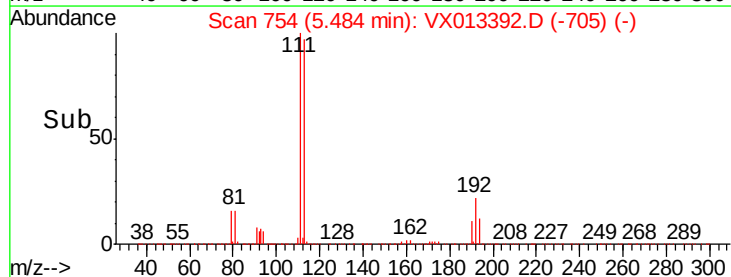
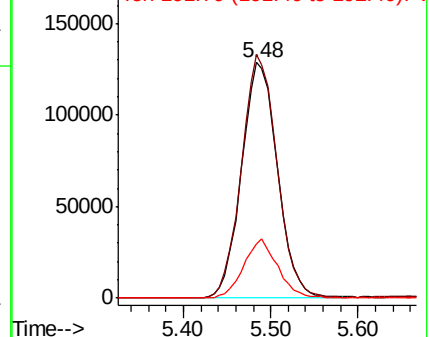
192 23.8 19.1 28.7

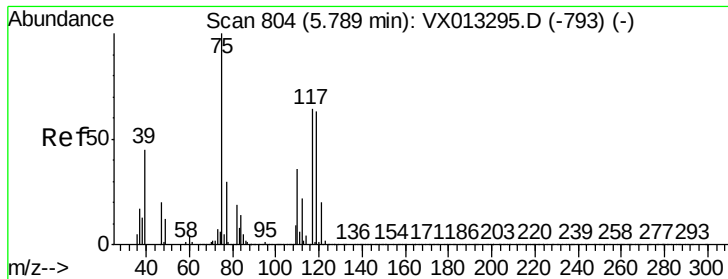


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

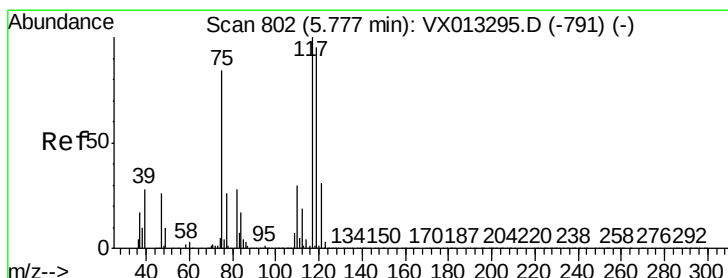
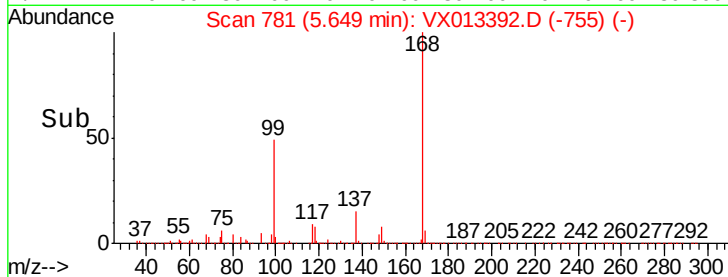
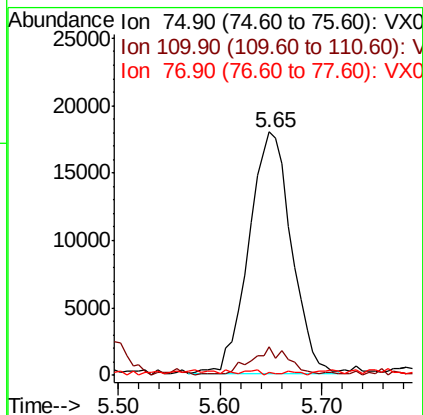
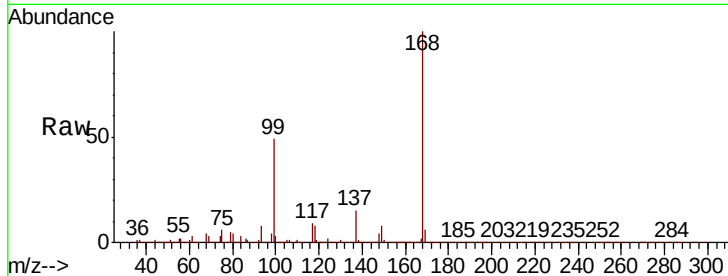




#36
 1,1-Dichloropropene
 Concen: 4.898 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013392.D
 Acq: 12 Nov 2019 18:01

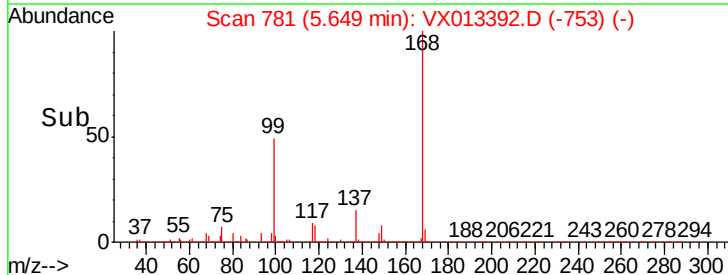
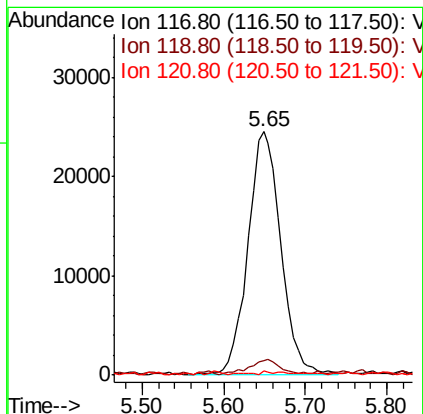
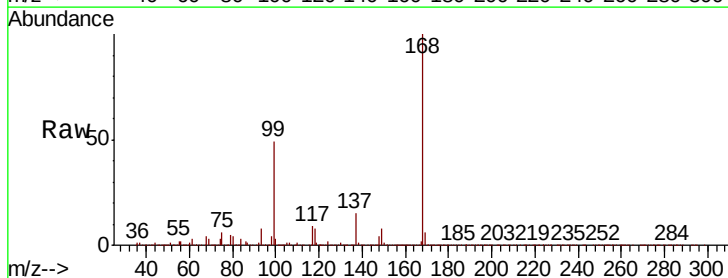
Instrument :
 MSVOA_X
 ClientSampled :

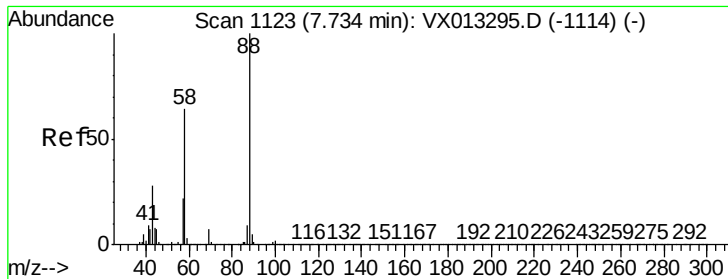
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.1#
77	0.8	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.750 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013392.D
 Acq: 12 Nov 2019 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.1	114.1#
121	1.0	24.6	37.0#





#49

1,4-Dioxane

Concen: 2.156 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX013392.D

Acq: 12 Nov 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

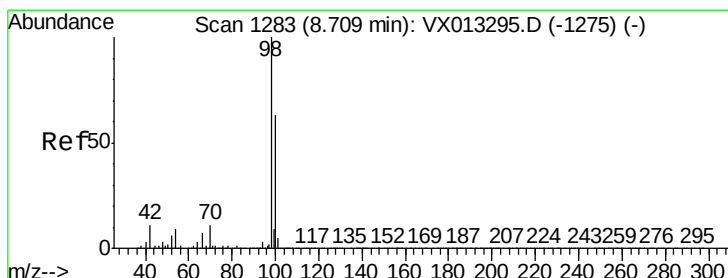
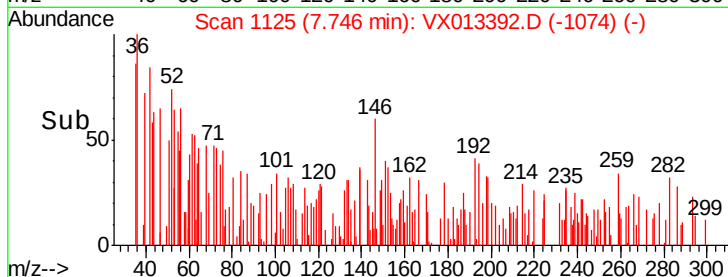
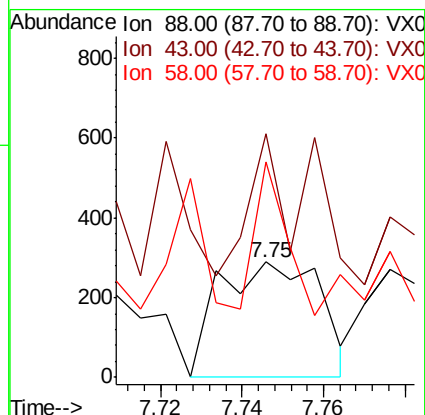
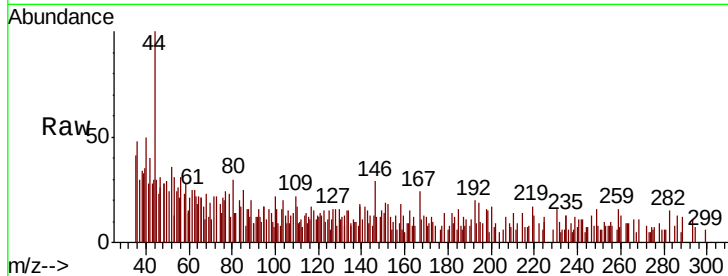
Tot Ion: 88 Resp: 499

Ion Ratio Lower Upper

88 100

43 79.4 26.6 39.8#

58 40.9 55.0 82.6#



#50

Toluene-d8

Concen: 50.309 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013392.D

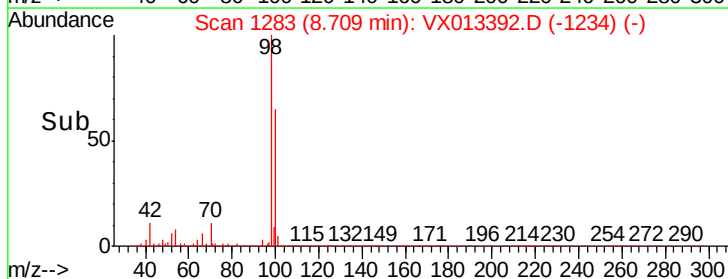
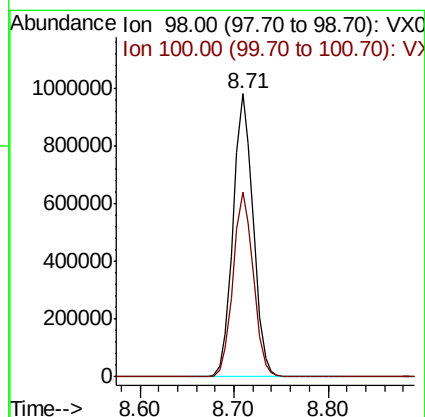
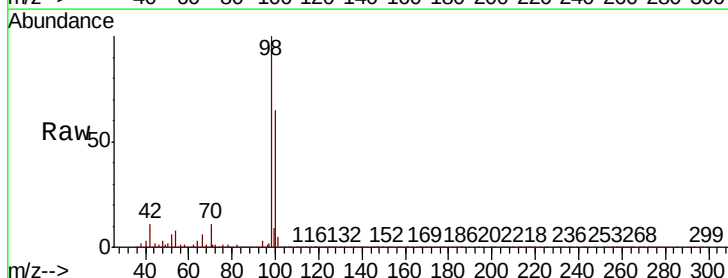
Acq: 12 Nov 2019 18:01

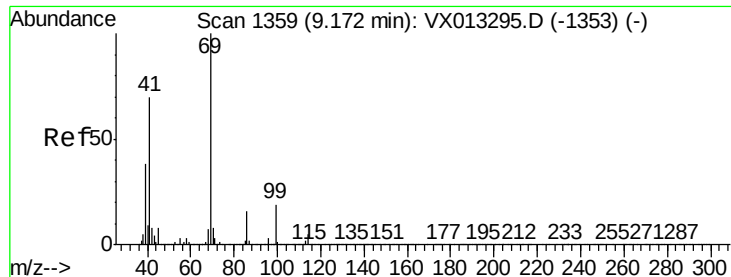
Tgt Ion: 98 Resp: 1458904

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2

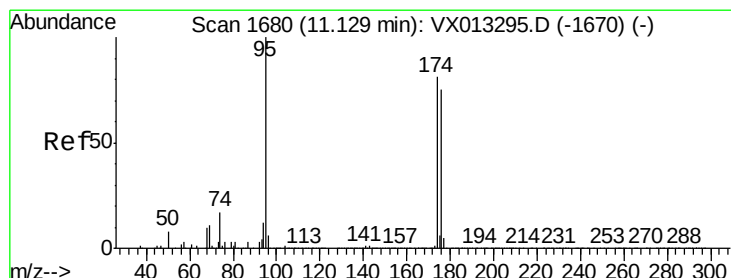
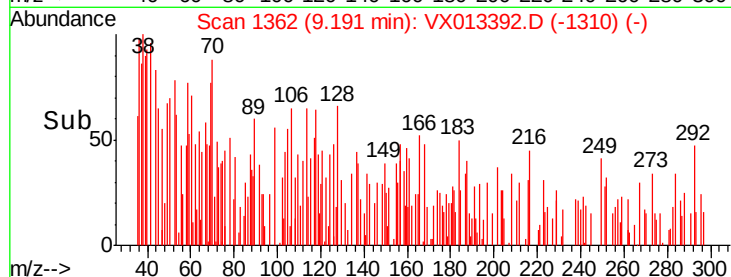
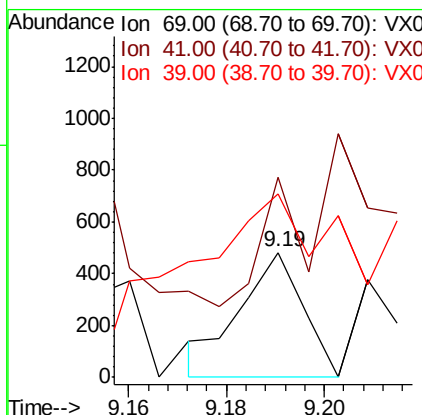
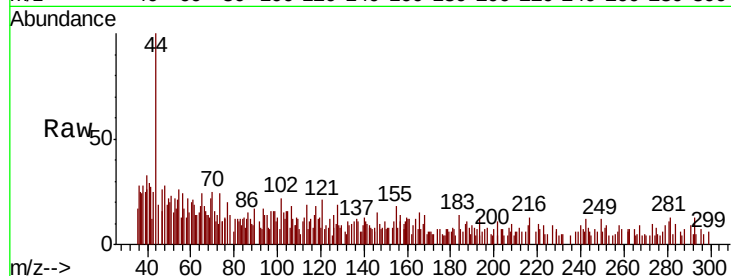




#56
Ethyl methacrylate
Concen: 1.592 ug/l
RT: 9.19 min Scan# 1362
Delta R.T. 0.02 min
Lab File: VX013392.D
Acq: 12 Nov 2019 18:01

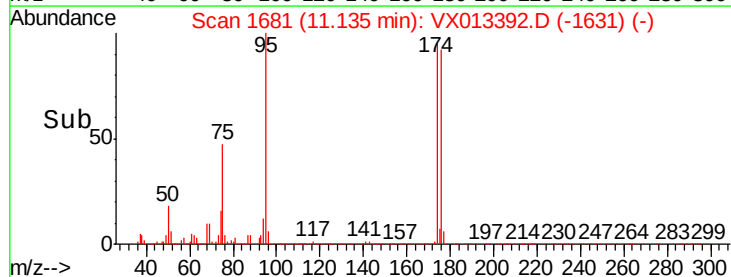
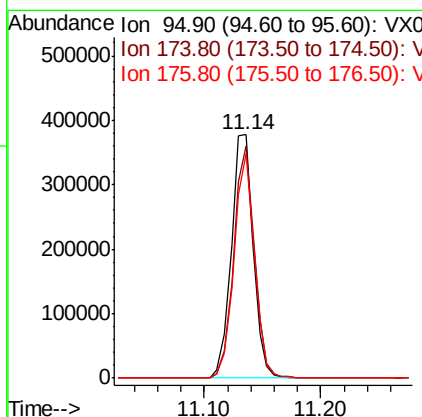
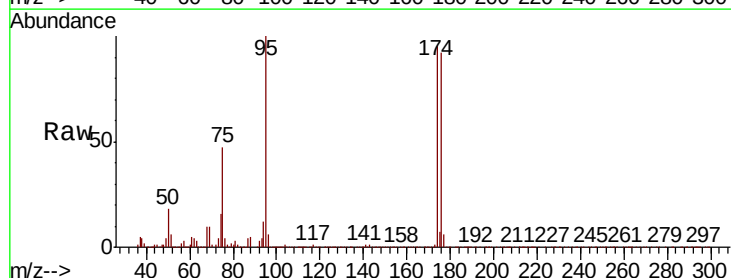
Instrument :
MSVOA_X
ClientSampled :

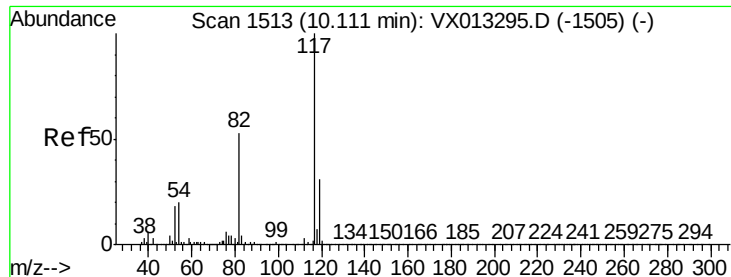
Tot Ion: 69 Resp: 427
Ion Ratio Lower Upper
69 100
41 0.0 56.2 84.2#
39 521.1 31.1 46.7#



#62
4-Bromofluorobenzene
Concen: 47.482 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013392.D
Acq: 12 Nov 2019 18:01

Tgt Ion: 95 Resp: 496935
Ion Ratio Lower Upper
95 100
174 90.0 0.0 179.8
176 86.7 0.0 173.0

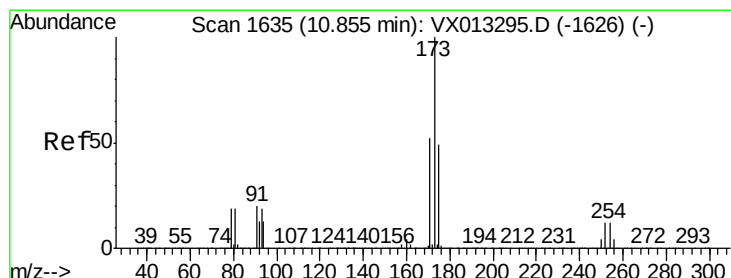
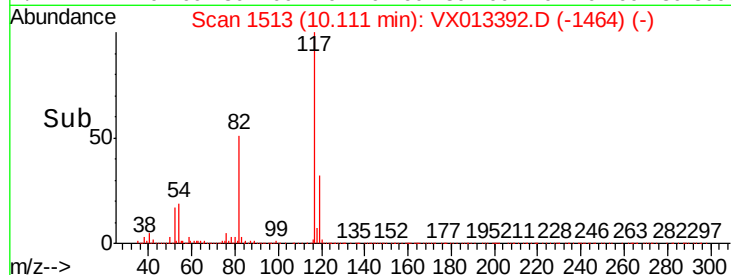
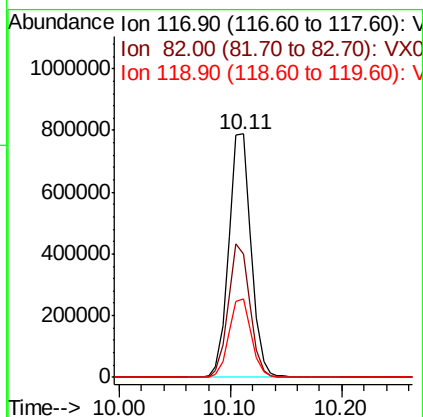
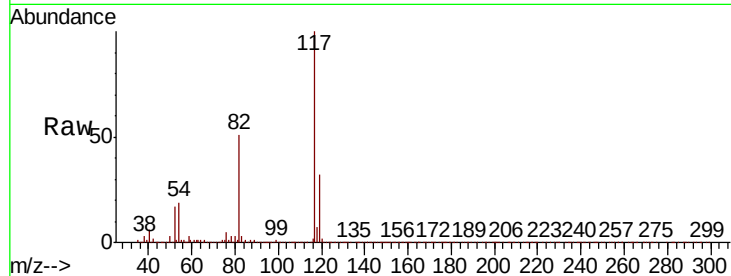




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013392.D
Acq: 12 Nov 2019 18:01

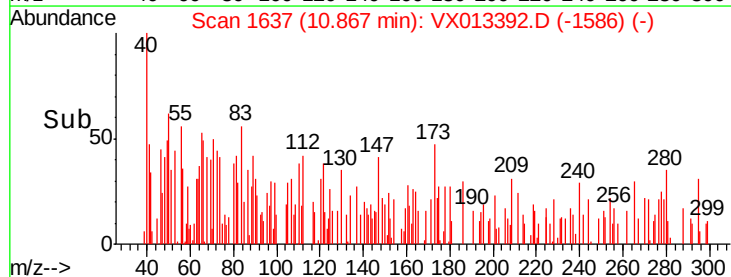
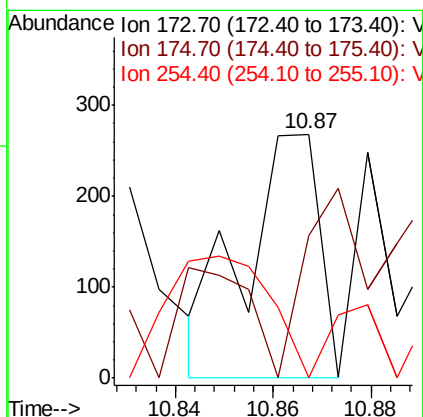
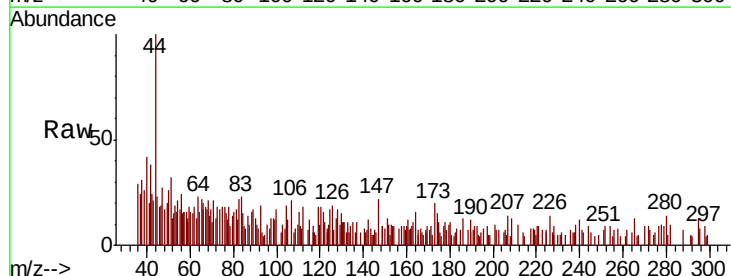
Instrument :
MSVOA_X
ClientSampled :

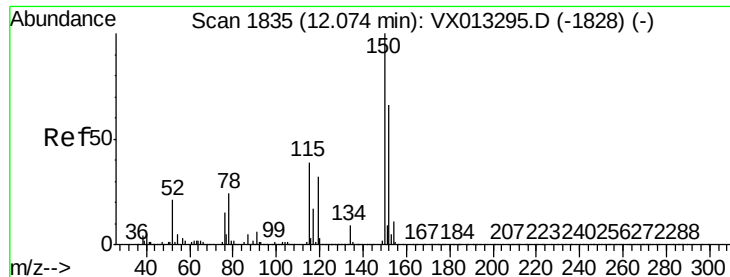
Tot Ion:117 Resp: 1092874
Ion Ratio Lower Upper
117 100
82 50.6 42.6 64.0
119 32.2 24.8 37.2



#71
Bromoform
Concen: 3.238 ug/l
RT: 10.87 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VX013392.D
Acq: 12 Nov 2019 18:01

Tgt Ion:173 Resp: 282
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 19.5 0.2 0.2#

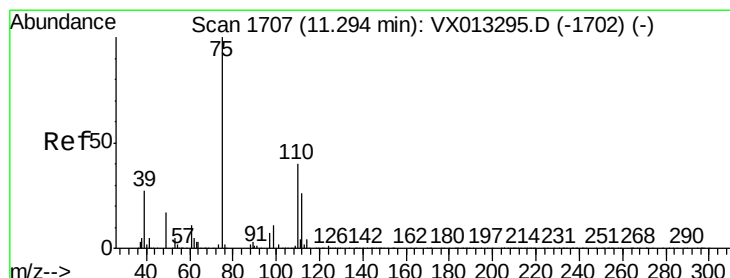
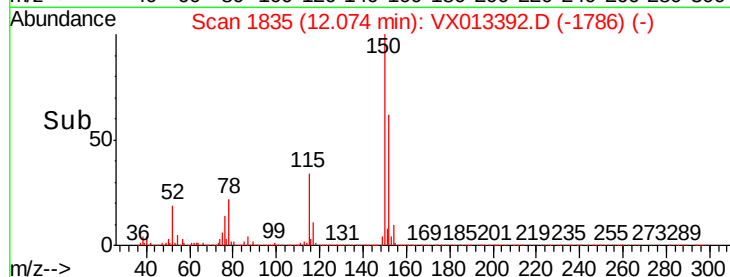
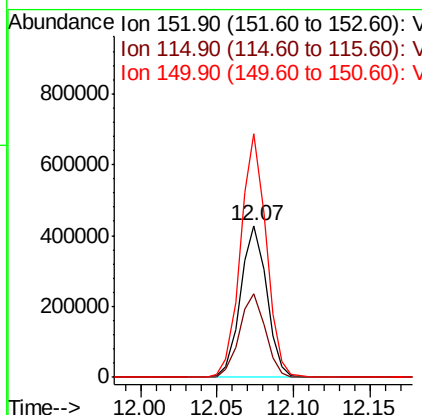
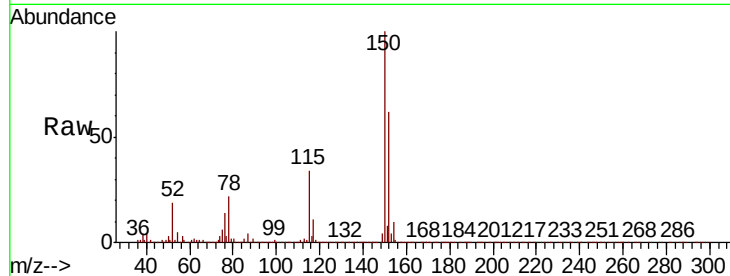




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013392.D
 Acq: 12 Nov 2019 18:01

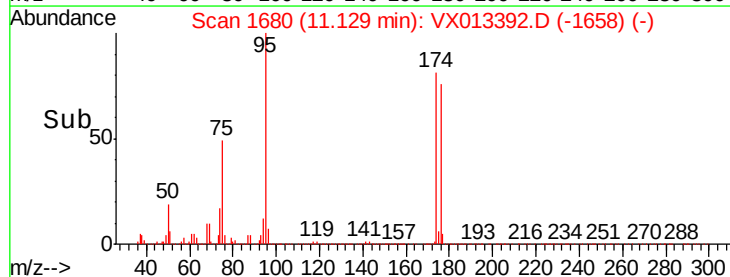
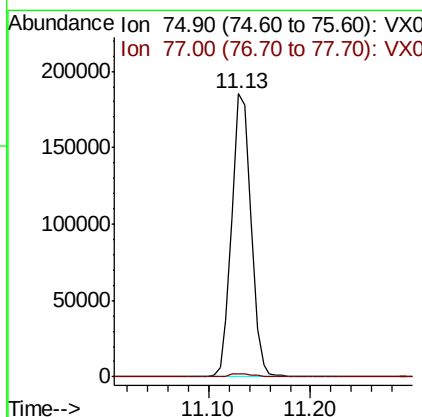
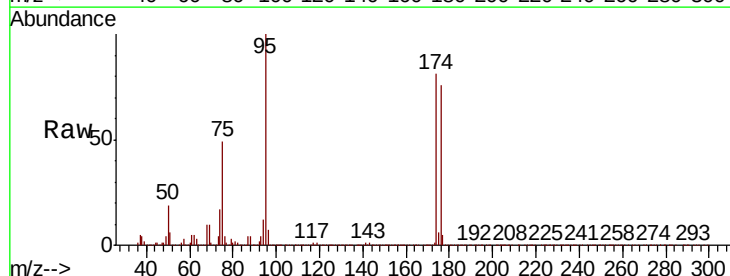
Instrument :
 MSVOA_X
 ClientSampleId :

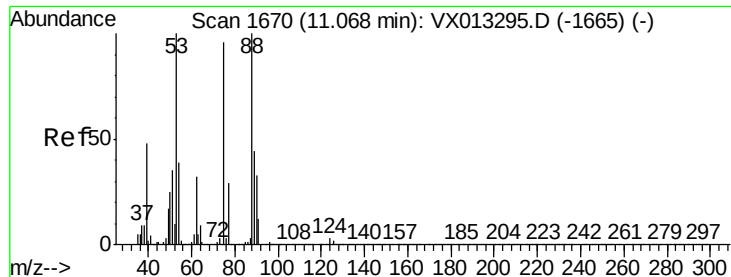
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.5	118.3
150	157.1	0.0	344.4



#76
 1,2,3-Trichloropropane
 Concen: 23.281 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013392.D
 Acq: 12 Nov 2019 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	22.3	66.8





#81
trans-1,4-Dichloro-2-butene
Concen: 59.925 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013392.D
Acq: 12 Nov 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.2	81.0	121.6#
89	0.0	36.0	54.0#

