

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013469.D
 Acq On : 20 Nov 2019 10:35
 Operator : JC/SP
 Sample : VX1120WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBL01

Quant Time: Nov 21 00:43:47 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	668180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1096035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	964853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	436231	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	398791	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	5.48	113	334365	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	8.71	98	1300539	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	431995	46.19	ug/l	0.00
Spiked Amount			Recovery	=	92.38%	

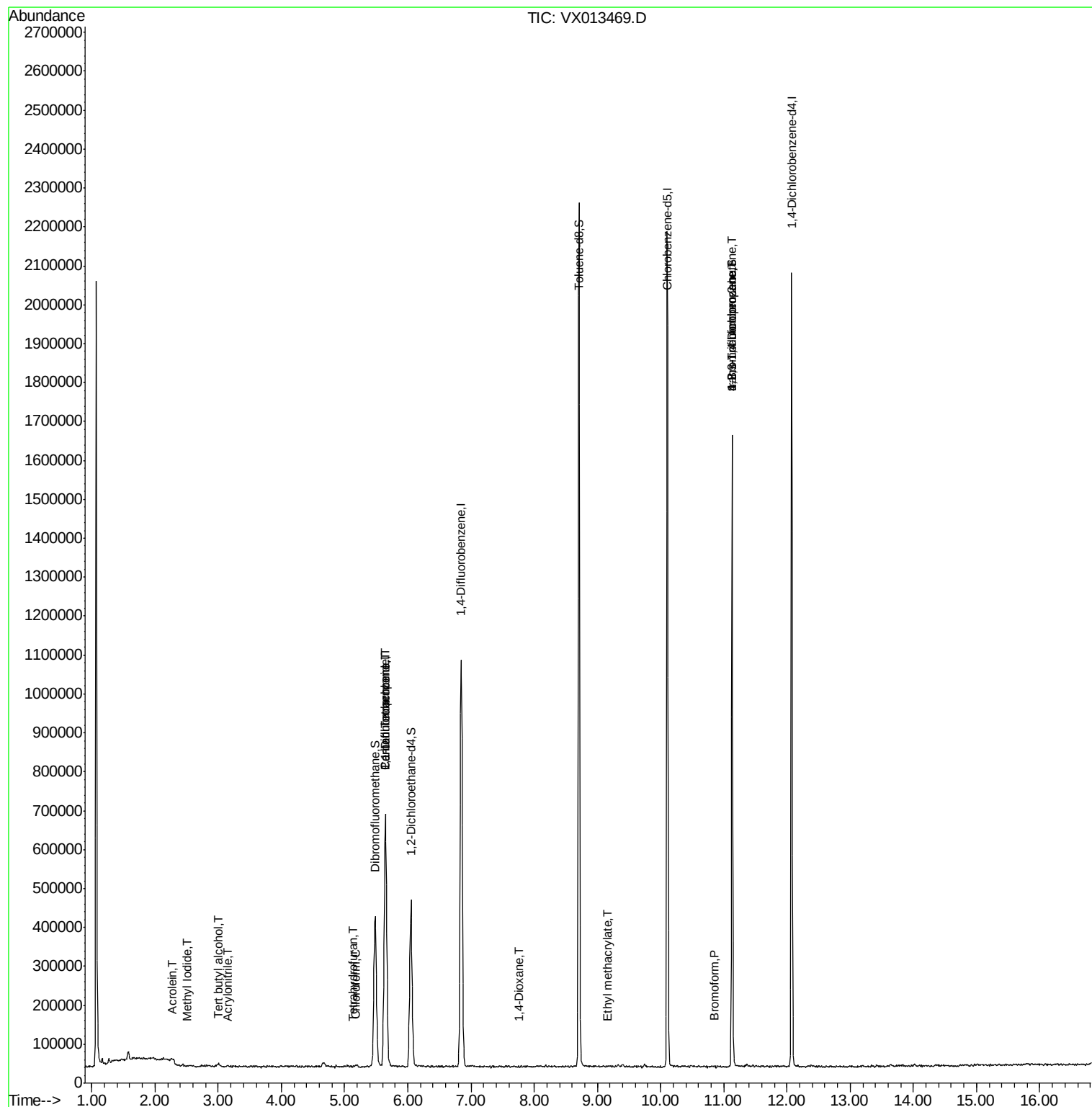
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.72	64	901	Below Cal	#	43
10) Methyl Iodide	2.51	142	2265	0.292	ug/l #	77
11) Tert butyl alcohol	3.00	59	5212	2.498	ug/l #	86
13) Acrolein	2.28	56	861	0.761	ug/l	91
15) Acrylonitrile	3.15	53	1070	0.275	ug/l #	49
29) Tetrahydrofuran	5.14	42	907	0.254	ug/l	93
30) Chloroform	5.19	83	4314	0.363	ug/l	87
36) 1,1-Dichloropropene	5.65	75	45154	4.802	ug/l #	53
38) Carbon Tetrachloride	5.64	117	59834	6.508	ug/l #	16
49) 1,4-Dioxane	7.75	88	726	3.510	ug/l #	26
56) Ethyl methacrylate	9.17	69	425	1.595	ug/l #	20
71) Bromoform	10.85	173	338	3.250	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	210435	23.750	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	210435	61.132	ug/l #	10

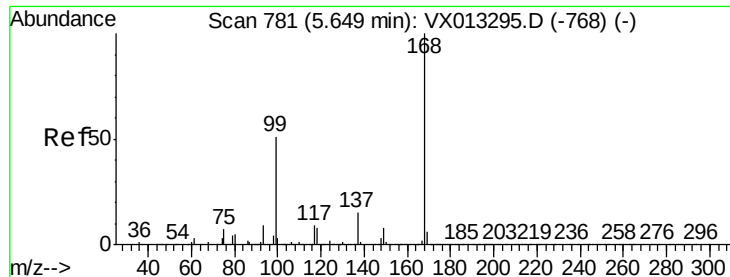
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013469.D
Acq On : 20 Nov 2019 10:35
Operator : JC/SP
Sample : VX1120WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Quant Time: Nov 21 00:43:47 2019
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: VX013469.D

Acq: 20 Nov 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

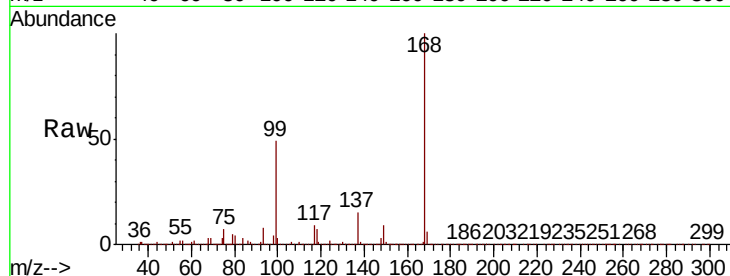
VX1120WBL01

Tot Ion:168 Resp: 668180

Ion Ratio Lower Upper

168 100

99 48.8 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

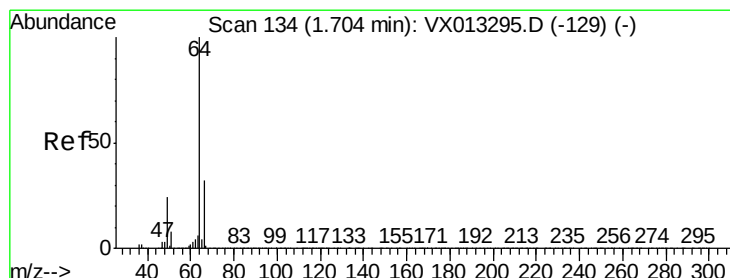
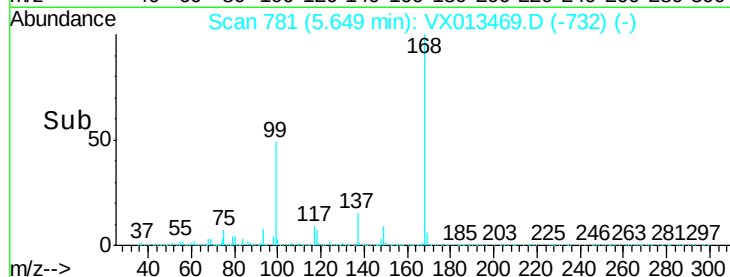
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX013469.D

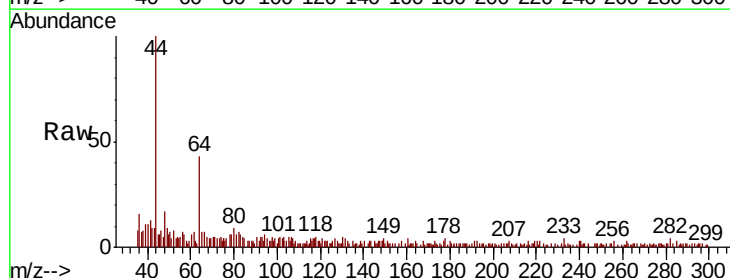
Acq: 20 Nov 2019 10:35

Tgt Ion: 64 Resp: 901

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

3000

2500

2000

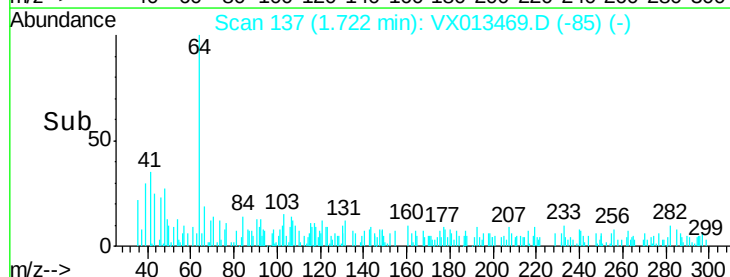
1500

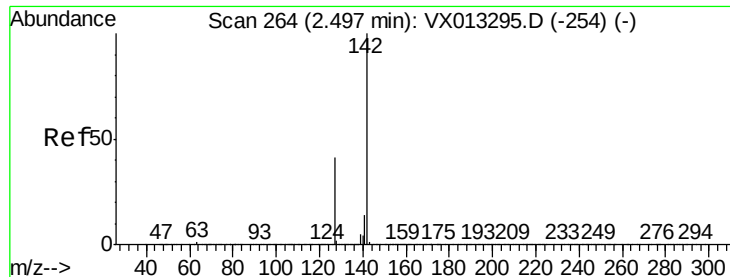
1000

500

0

Time-->

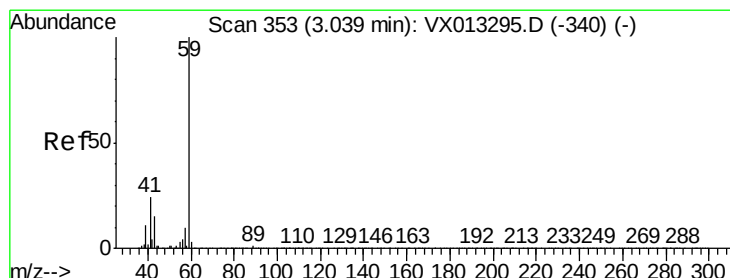
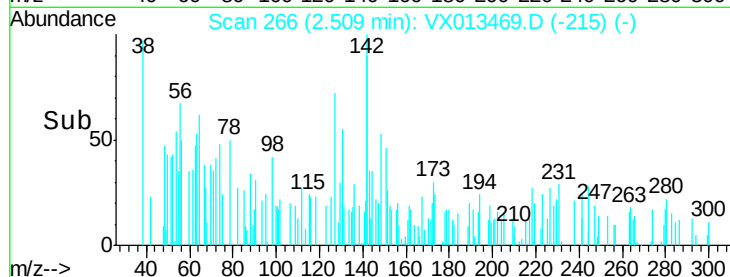
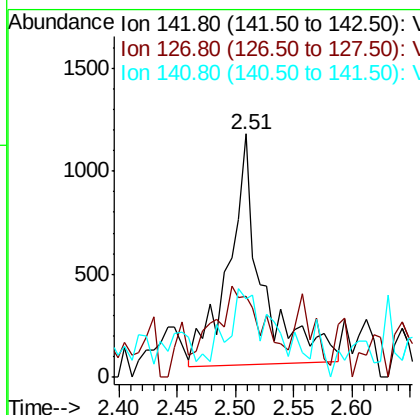
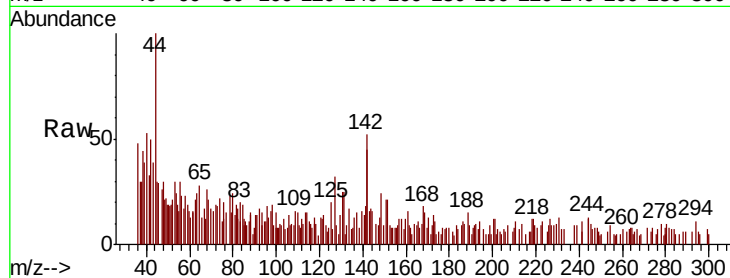




#10
Methvl Iodide
Concen: 0.292 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013469.D
Acq: 20 Nov 2019 10:35

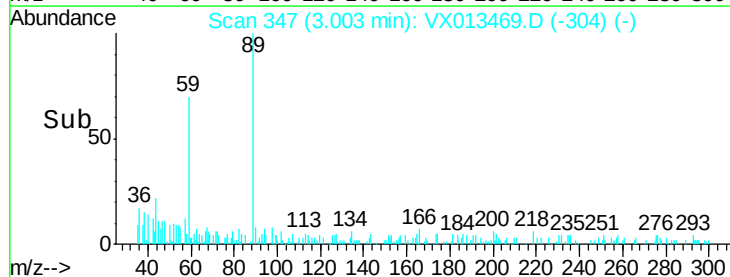
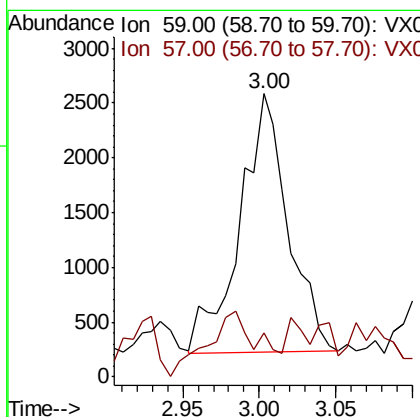
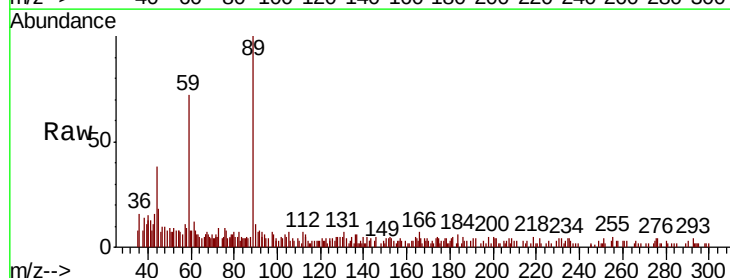
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

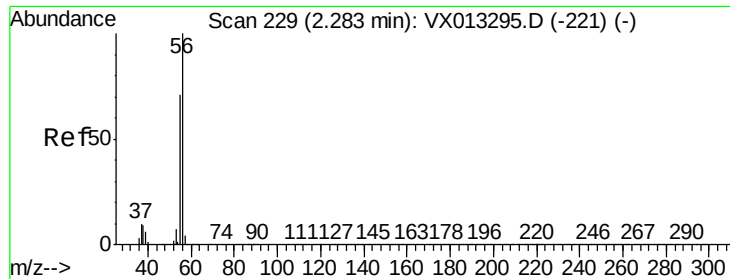
Tot Ion:142 Resp: 2265
Ion Ratio Lower Upper
142 100
127 32.2 32.6 49.0#
141 35.4 11.6 17.4#



#11
Tert butyl alcohol
Concen: 2.498 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX013469.D
Acq: 20 Nov 2019 10:35

Tgt Ion: 59 Resp: 5212
Ion Ratio Lower Upper
59 100
57 4.7 8.0 12.0#





#13

Acrolein

Concen: 0.761 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

Instrument :

MSVOA_X

ClientSampled :

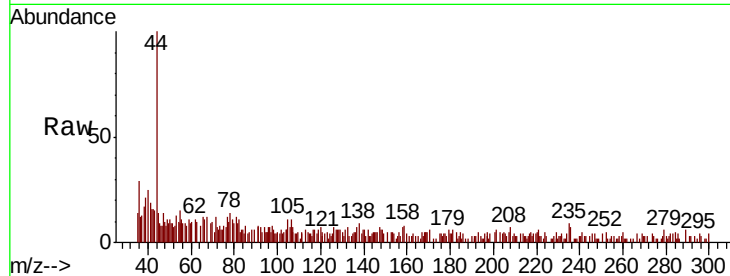
VX1120WBL01

Tot Ion: 56 Resp: 861

Ion Ratio Lower Upper

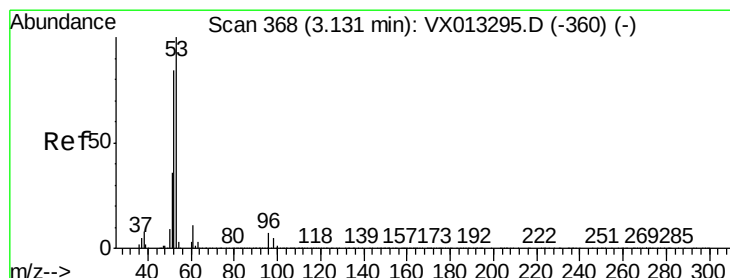
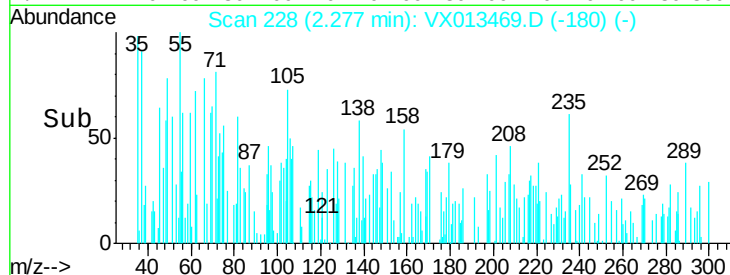
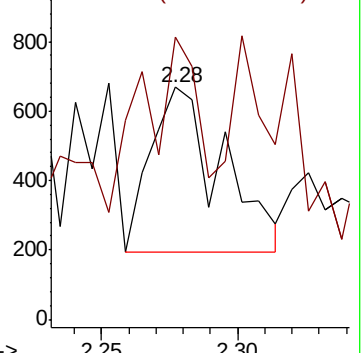
56 100

55 79.0 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.275 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.02 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

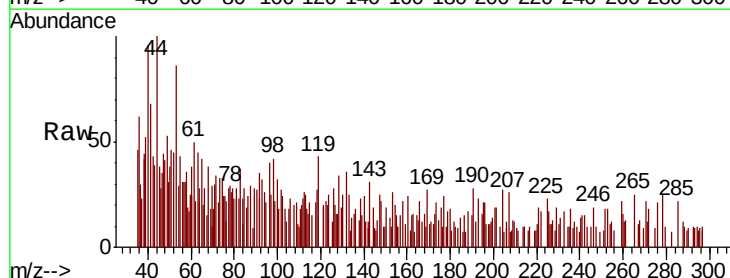
Tgt Ion: 53 Resp: 1070

Ion Ratio Lower Upper

53 100

52 99.2 67.4 101.0

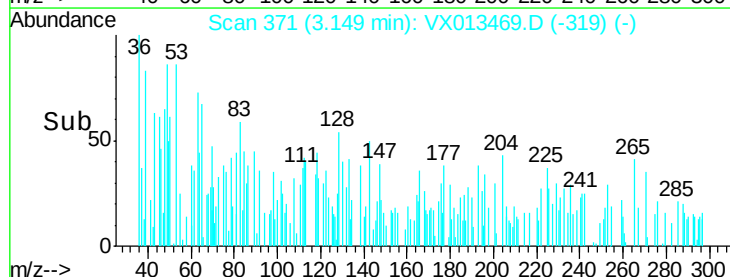
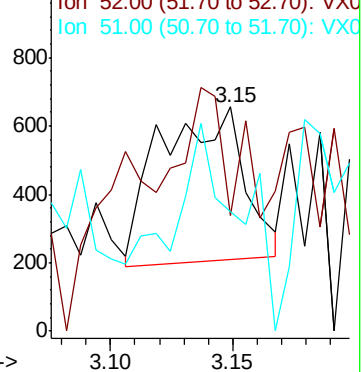
51 113.3 29.4 44.2#

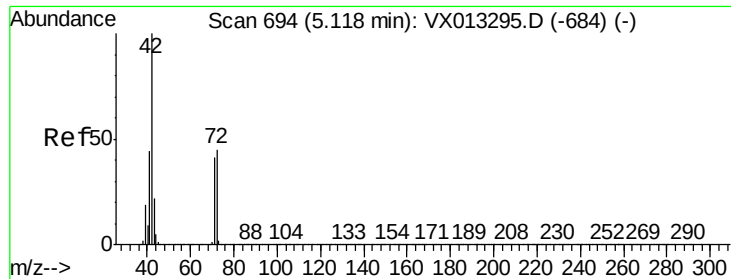


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

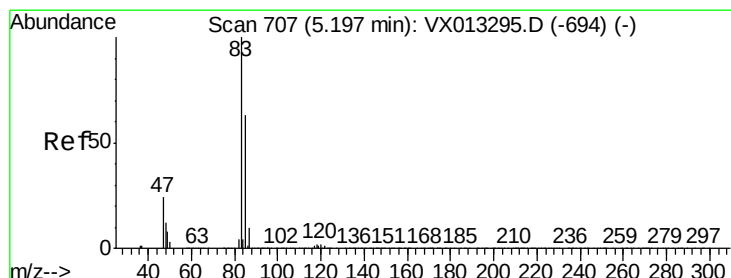
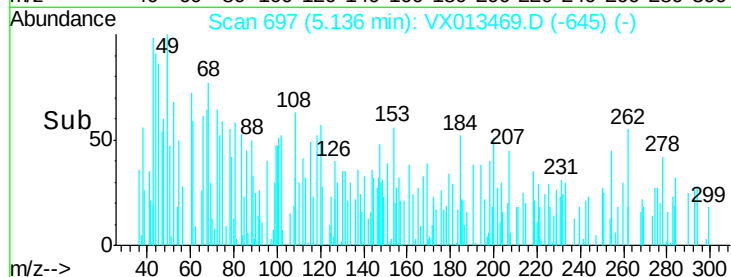
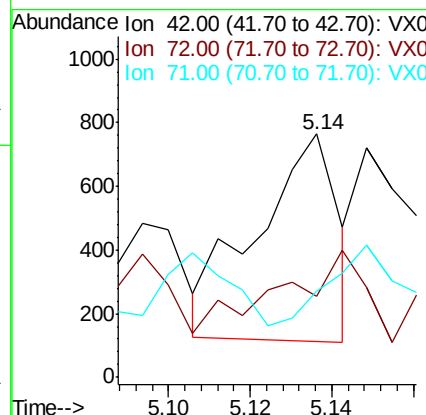
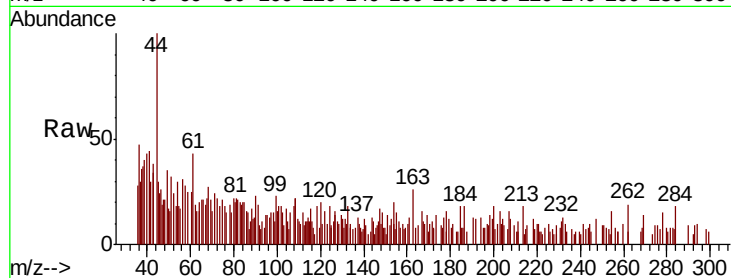




#29
Tetrahydrofuran
Concen: 0.254 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX013469.D
Acq: 20 Nov 2019 10:35

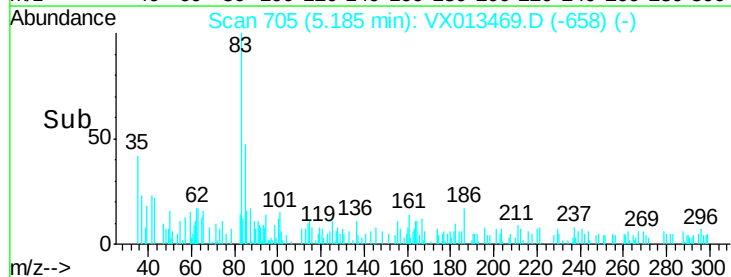
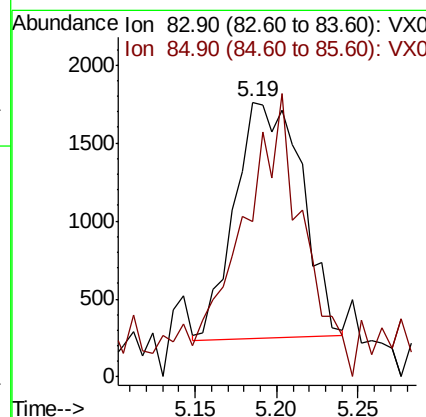
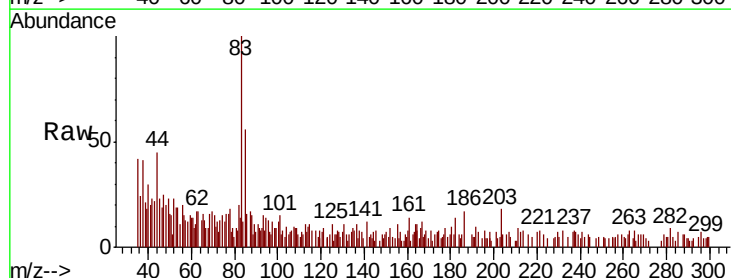
Instrument :
MSVOA_X
ClientSampled :
VX1120WBL01

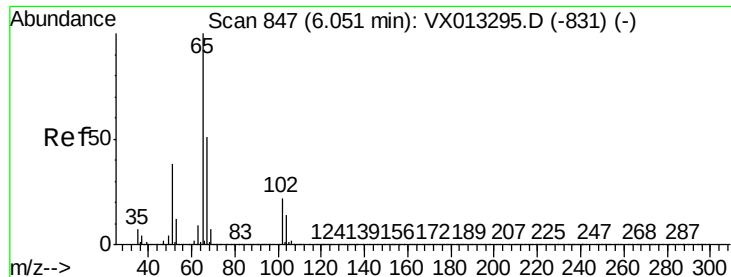
Tot Ion: 42 Resp: 907
Ion Ratio Lower Upper
42 100
72 38.6 35.8 53.8
71 39.1 33.4 50.0



#30
Chloroform
Concen: 0.363 ug/l
RT: 5.19 min Scan# 705
Delta R.T. -0.01 min
Lab File: VX013469.D
Acq: 20 Nov 2019 10:35

Tgt Ion: 83 Resp: 4314
Ion Ratio Lower Upper
83 100
85 53.1 50.2 75.4

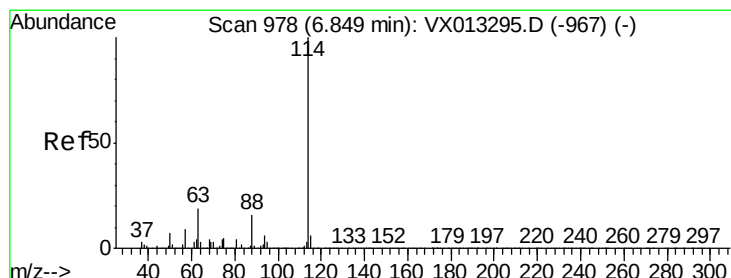
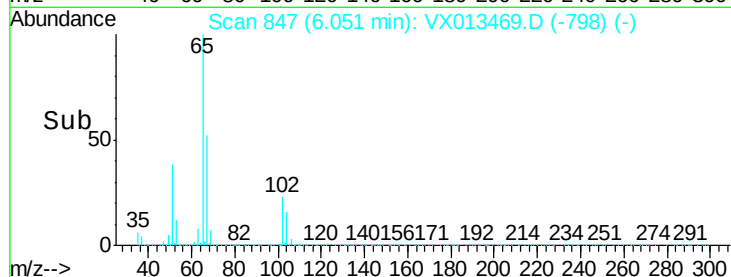
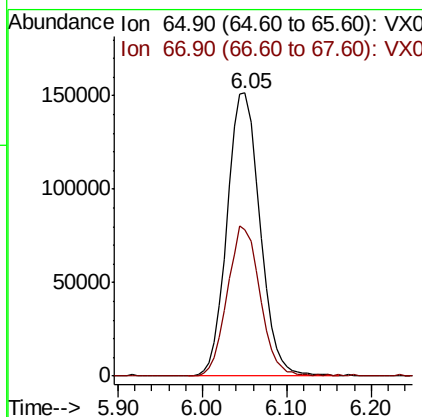
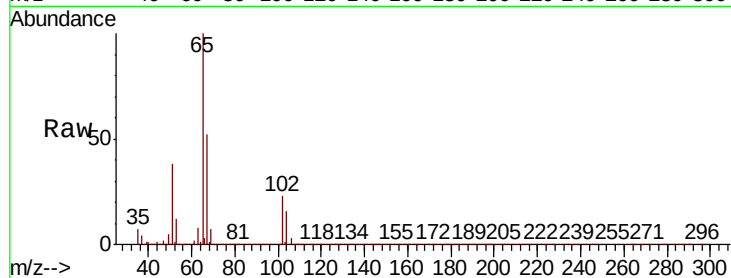




#33
 1,2-Dichloroethane-d4
 Concen: 50.378 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013469.D
 Acq: 20 Nov 2019 10:35

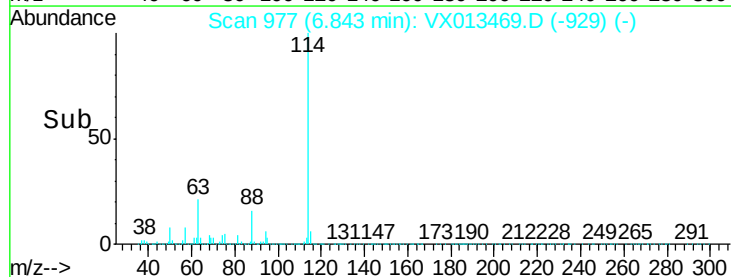
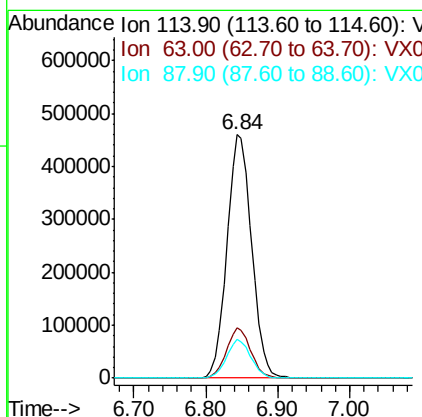
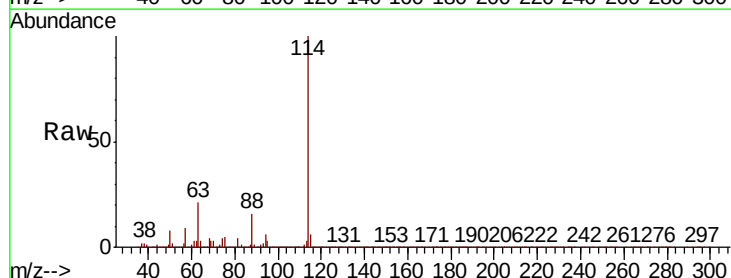
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBL01

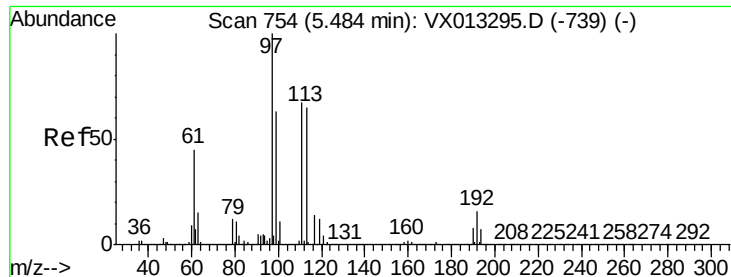
Tot Ion: 65 Resp: 398791
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013469.D
 Acq: 20 Nov 2019 10:35

Tgt Ion: 114 Resp: 1096035
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.4
 88 15.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.639 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBL01

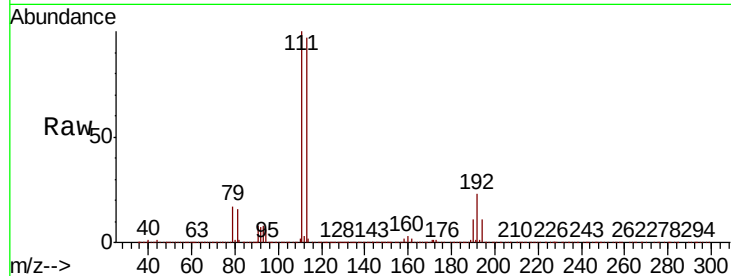
Tot Ion:113 Resp: 334365

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

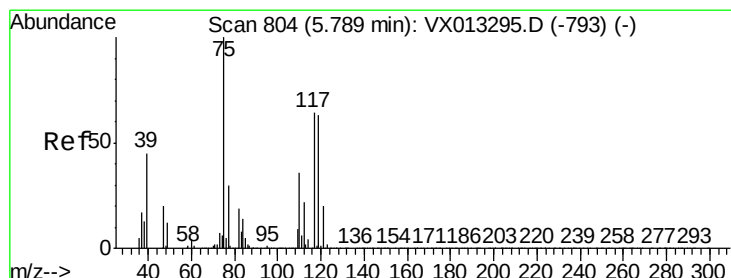
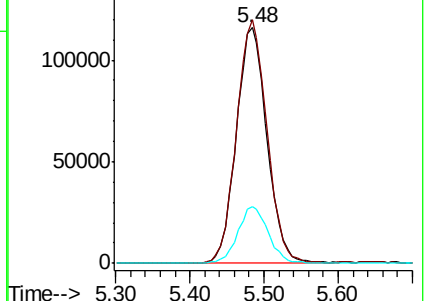
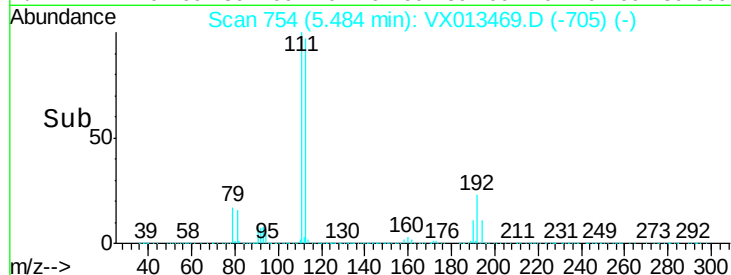
192 23.5 19.1 28.7



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: 4.802 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

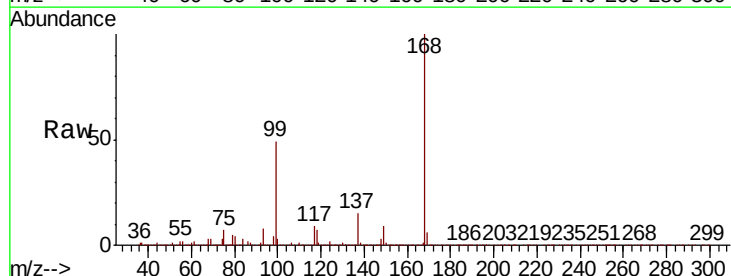
Tgt Ion: 75 Resp: 45154

Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.1#

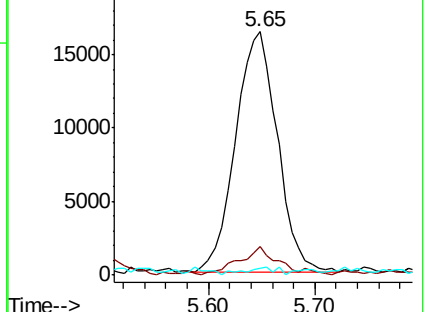
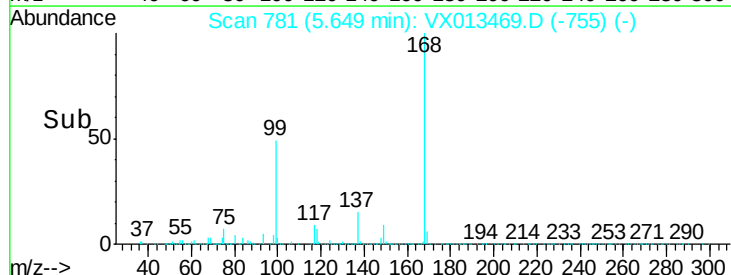
77 2.5 25.0 37.4#

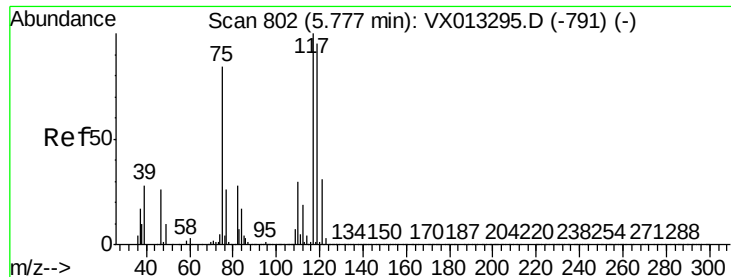


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.508 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBL01

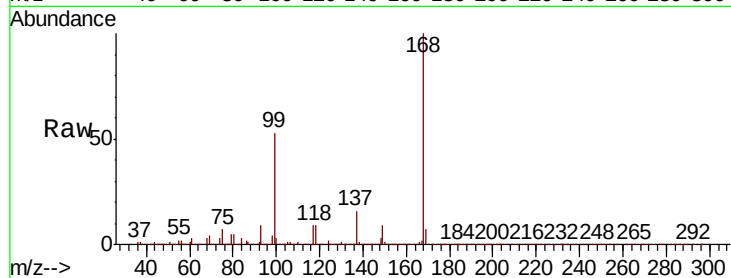
Tot Ion:117 Resp: 59834

Ion Ratio Lower Upper

117 100

119 4.0 76.1 114.1#

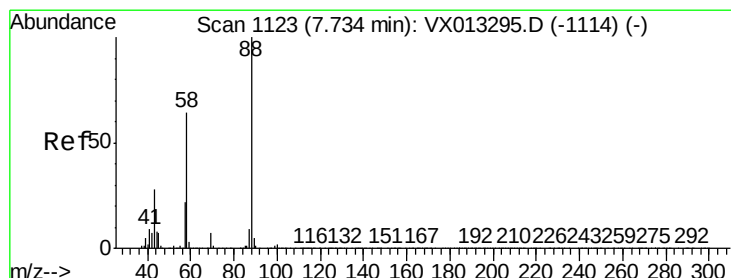
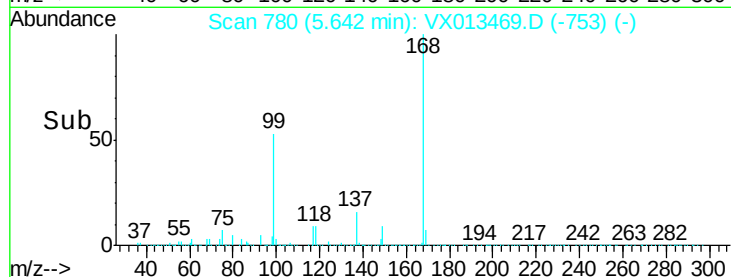
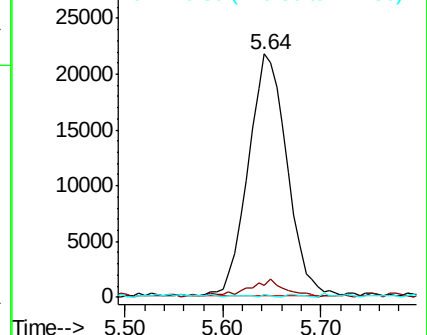
121 0.7 24.6 37.0#



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



#49

1,4-Dioxane

Concen: 3.510 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.02 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

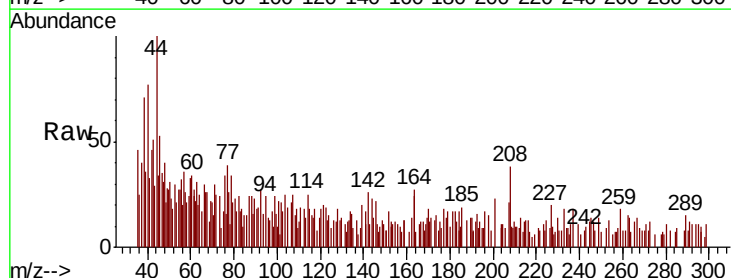
Tgt Ion: 88 Resp: 726

Ion Ratio Lower Upper

88 100

43 104.7 26.6 39.8#

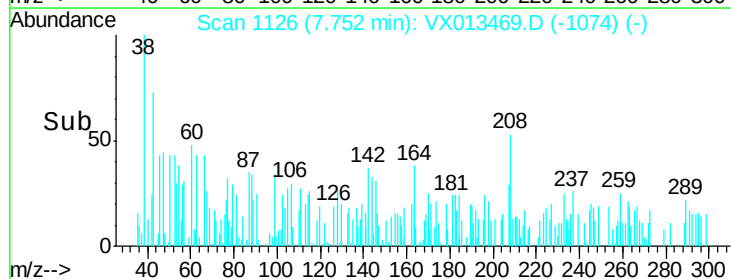
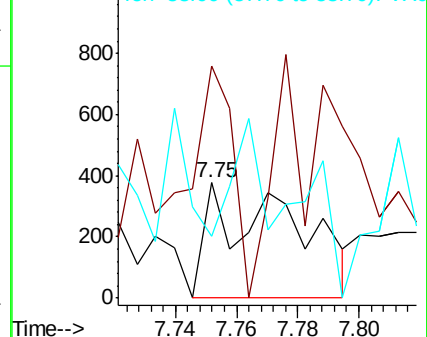
58 28.5 55.0 82.6#

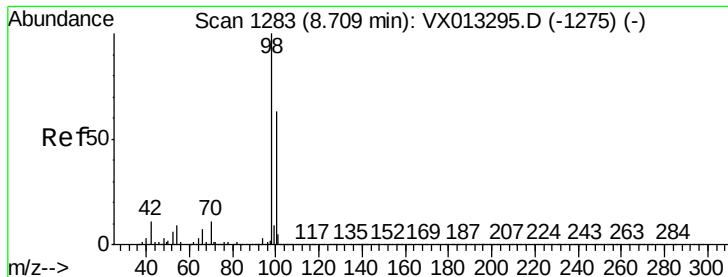


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.183 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

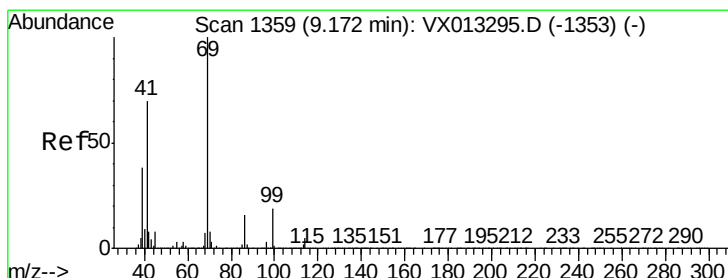
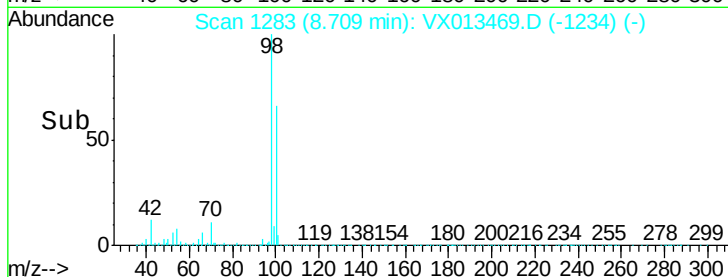
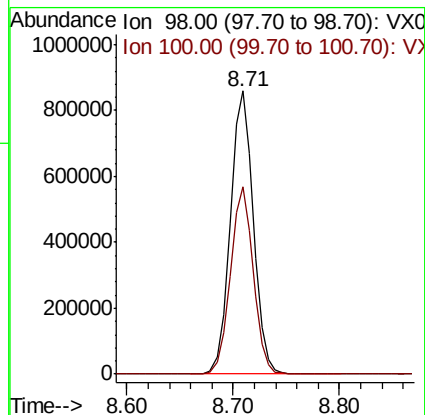
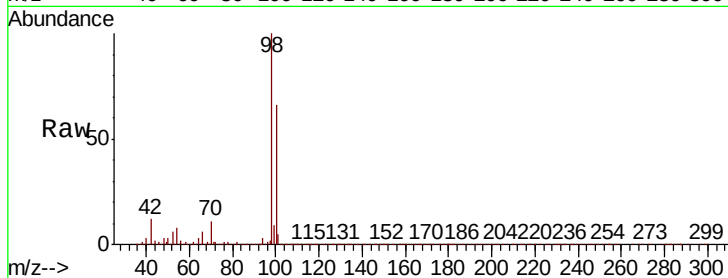
VX1120WBL01

Tot Ion: 98 Resp: 1300539

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2



#56

Ethyl methacrylate

Concen: 1.595 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

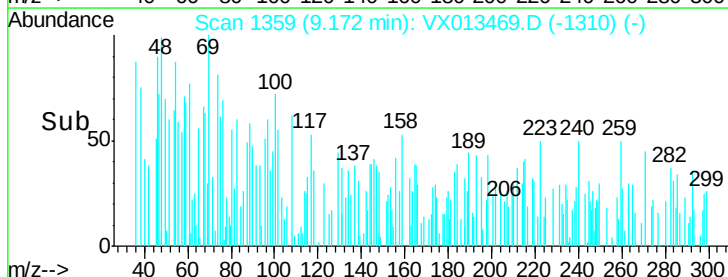
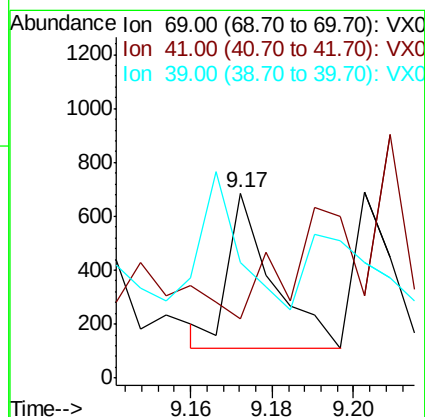
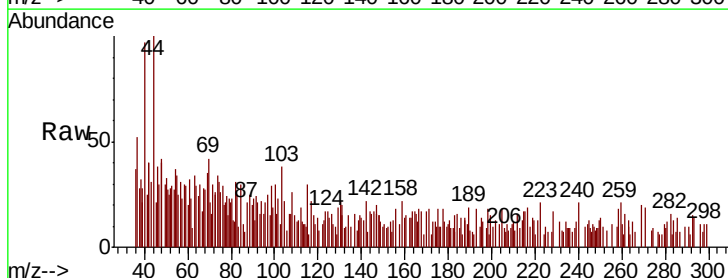
Tgt Ion: 69 Resp: 425

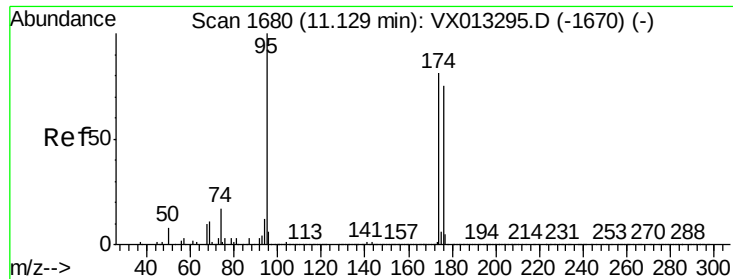
Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.2#

39 81.2 31.1 46.7#

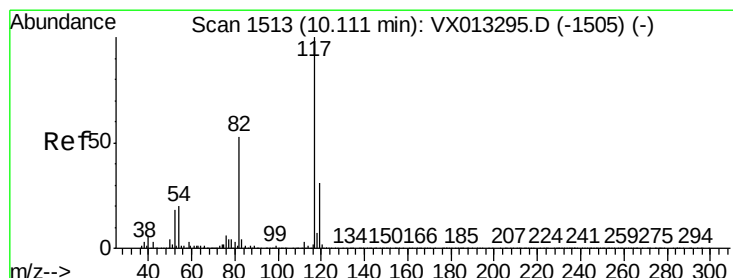
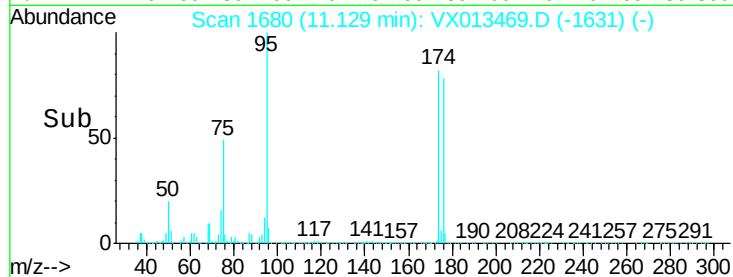
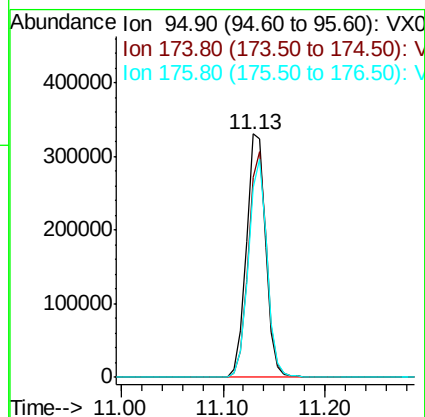
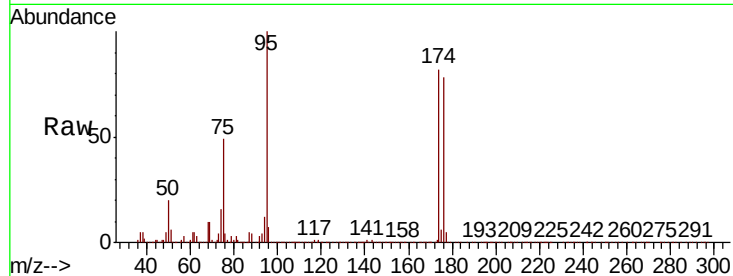




#62
4-Bromofluorobenzene
Concen: 46.187 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013469.D
Acq: 20 Nov 2019 10:35

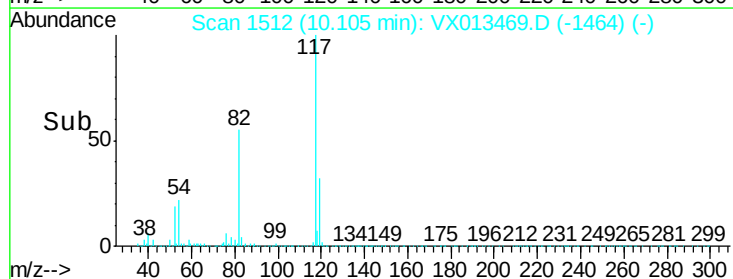
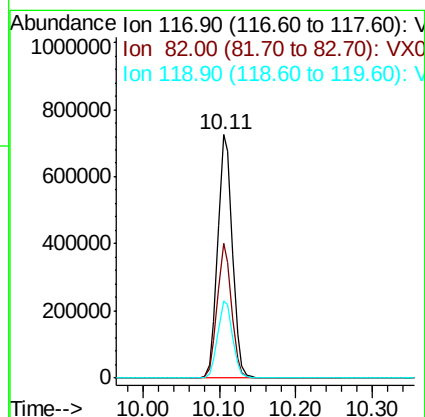
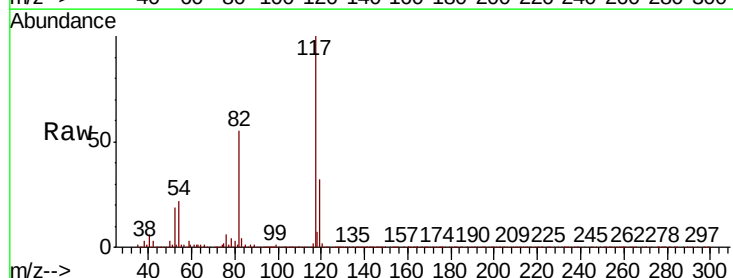
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

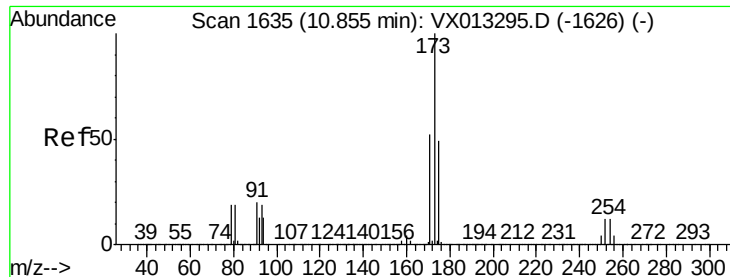
Tot Ion:	95	Resp:	431995
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	179.8
176	86.3	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013469.D
Acq: 20 Nov 2019 10:35

Tgt Ion:	117	Resp:	964853
Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.6	64.0
119	31.9	24.8	37.2





#71

Bromoform

Concen: 3.250 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

Instrument :

MSVOA_X

ClientSampled :

VX1120WBL01

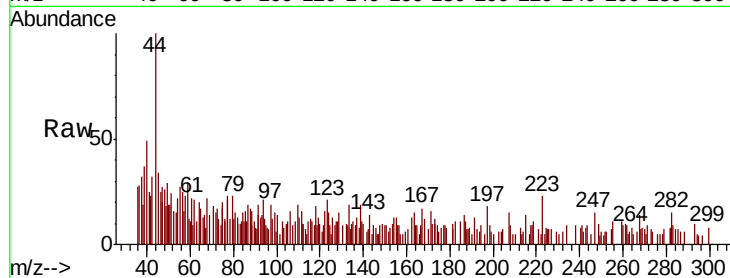
Tot Ion:173 Resp: 338

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

254 81.4 0.2 0.2#

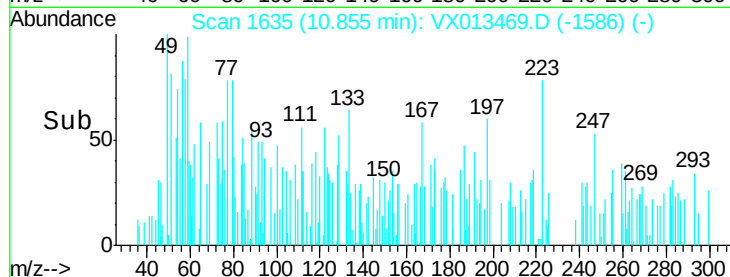


Abundance Ion 172.70 (172.40 to 173.40): V

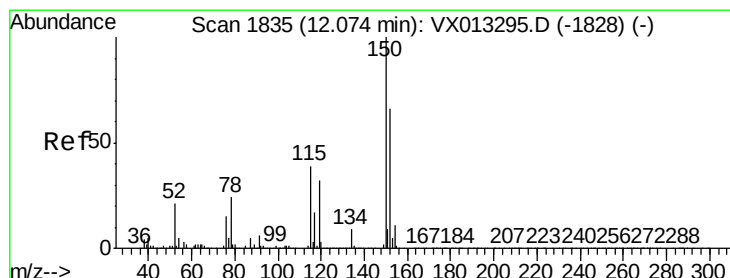
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

10.85



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

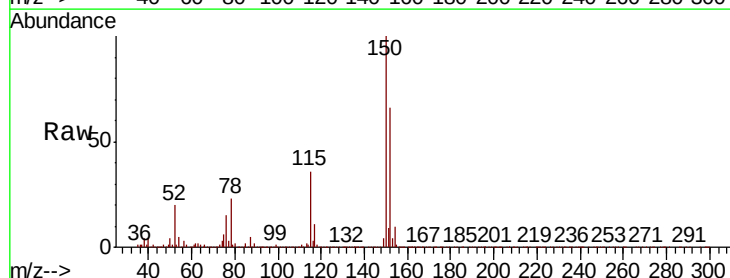
Tgt Ion:152 Resp: 436231

Ion Ratio Lower Upper

152 100

115 54.9 39.5 118.3

150 152.7 0.0 344.4

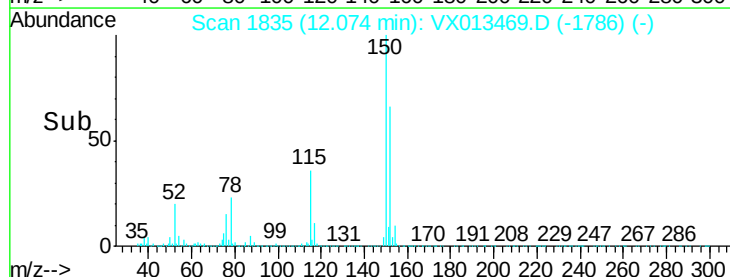


Abundance Ion 151.90 (151.60 to 152.60): V

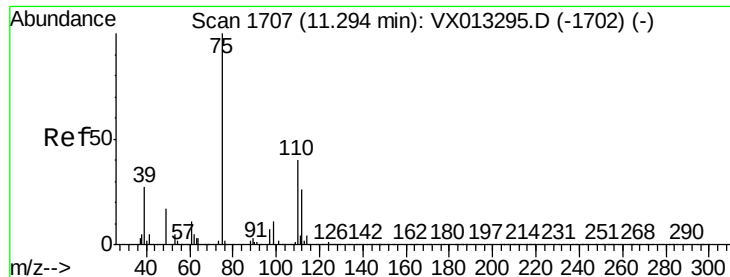
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

12.07



Time-->



#76

1,2,3-Trichloropropane

Concen: 23.750 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

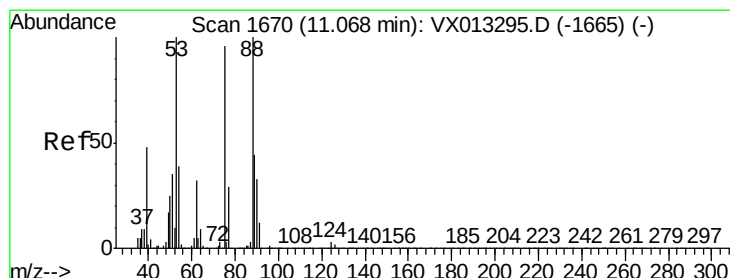
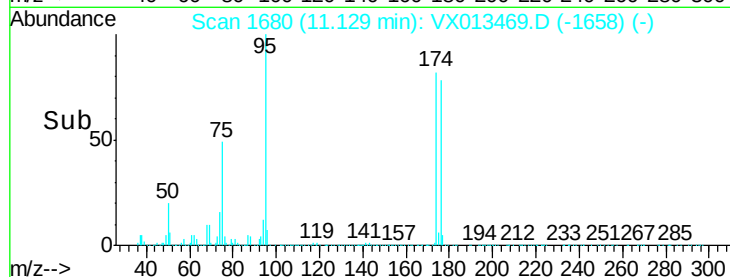
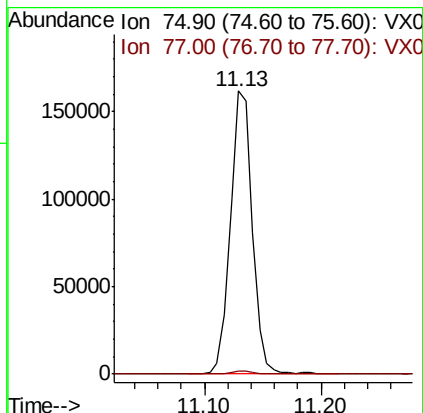
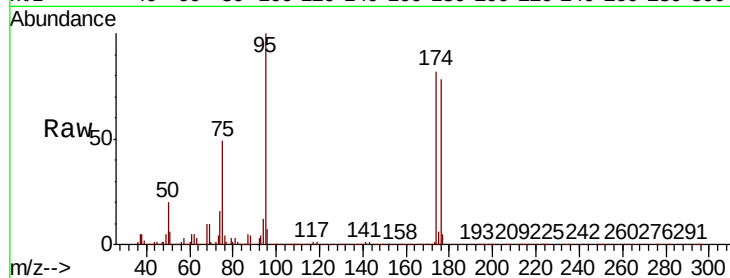
VX1120WBL01

Tot Ion: 75 Resp: 210435

Ion Ratio Lower Upper

75 100

77 1.6 22.3 66.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.132 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013469.D

Acq: 20 Nov 2019 10:35

Tgt Ion: 75 Resp: 210435

Ion Ratio Lower Upper

75 100

53 0.5 81.0 121.6#

89 0.1 36.0 54.0#

