

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
 Data File : VX013523.D
 Acq On : 22 Nov 2019 11:08
 Operator : JC/SP
 Sample : VX1122WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBL02

Quant Time: Nov 22 14:16:22 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	667779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1094970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	970086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	435177	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	393671	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	5.48	113	332562	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
50) Toluene-d8	8.71	98	1301786	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.14	95	431810	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	

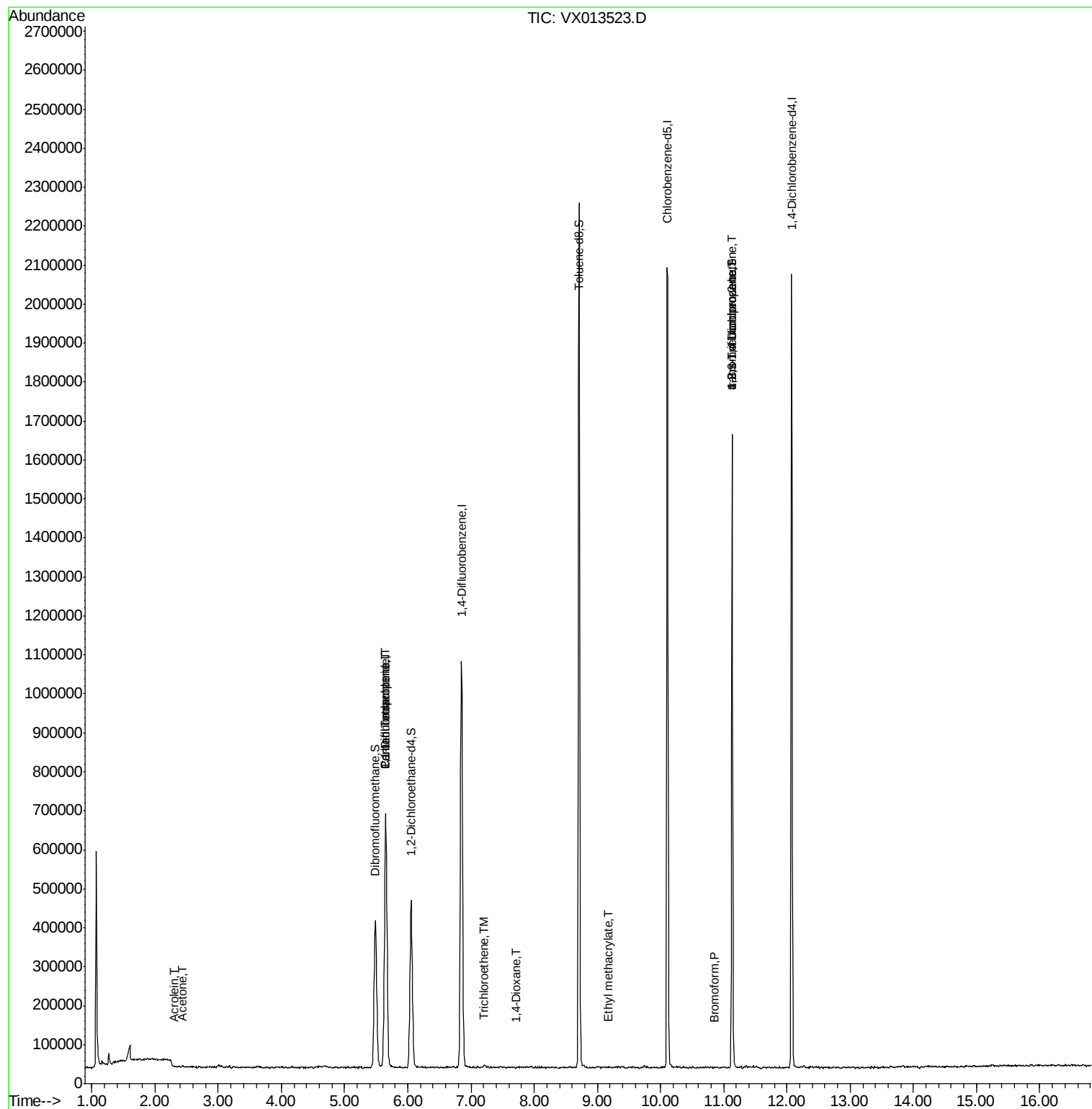
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.76	64	1393	Below Cal	#	52
13) Acrolein	2.30	56	402	0.356	ug/l #	77
16) Acetone	2.43	43	4149	1.051	ug/l	94
36) 1,1-Dichloropropene	5.65	75	44681	4.757	ug/l #	51
38) Carbon Tetrachloride	5.65	117	57798	6.292	ug/l #	15
44) Trichloroethene	7.22	130	3955	0.491	ug/l	67
49) 1,4-Dioxane	7.72	88	659	3.189	ug/l #	20
56) Ethyl methacrylate	9.18	69	267	1.583	ug/l #	1
71) Bromoform	10.85	173	290	3.243	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	212309	24.020	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	212309	61.826	ug/l #	9

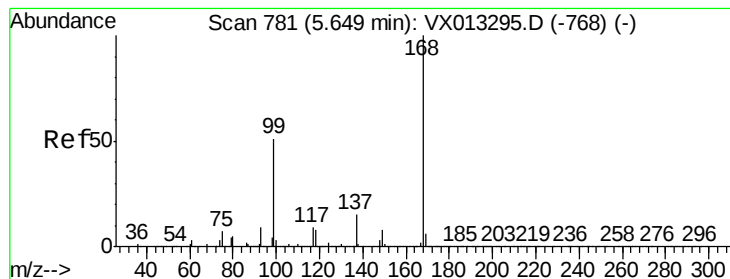
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
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Instrument :
MSVOA_X
ClientSampleId :
VX1122WBL02

Quant Time: Nov 22 14:16:22 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: VX013523.D

Acq: 22 Nov 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

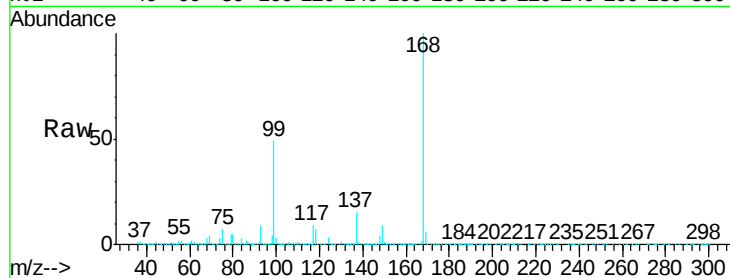
VX1122WBL02

Tgt Ion:168 Resp: 667779

Ion Ratio Lower Upper

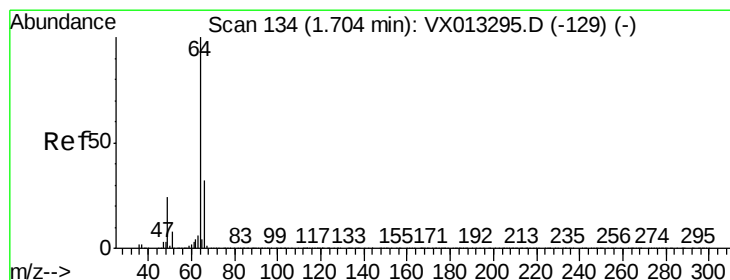
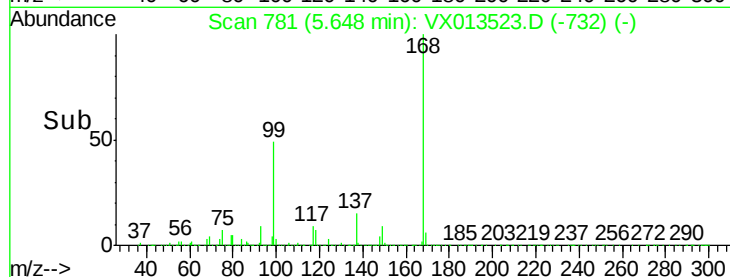
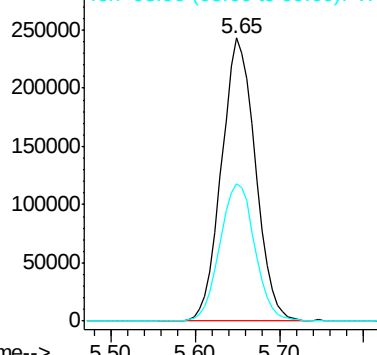
168 100

99 48.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.76 min Scan# 143

Delta R.T. 0.05 min

Lab File: VX013523.D

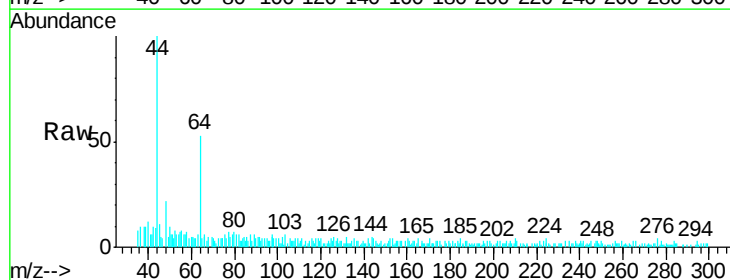
Acq: 22 Nov 2019 11:08

Tgt Ion: 64 Resp: 1393

Ion Ratio Lower Upper

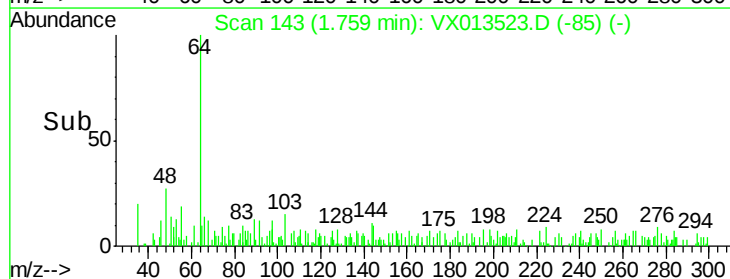
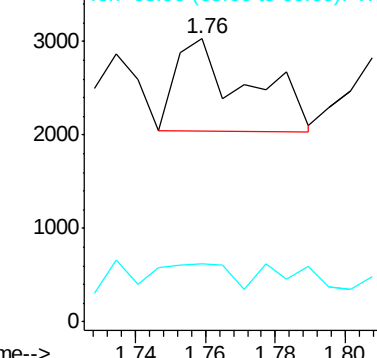
64 100

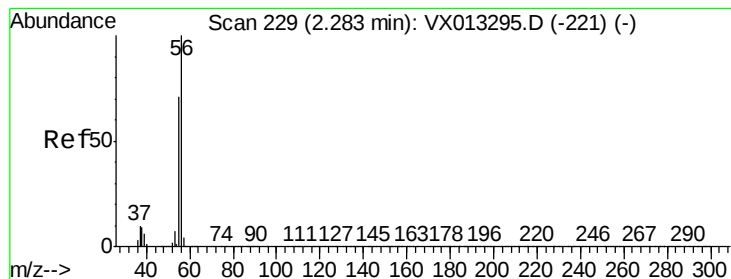
66 5.1 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#13

Acrolein

Concen: 0.356 ug/l

RT: 2.30 min Scan# 232

Delta R.T. 0.02 min

Lab File: VX013523.D

Acq: 22 Nov 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

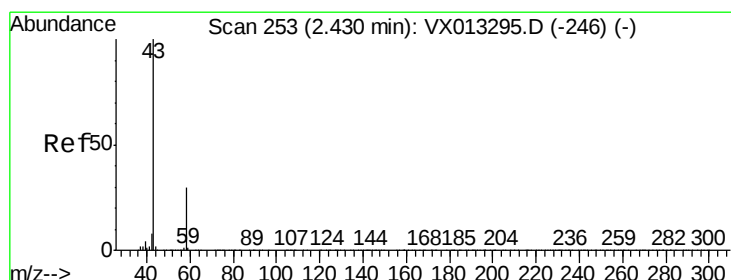
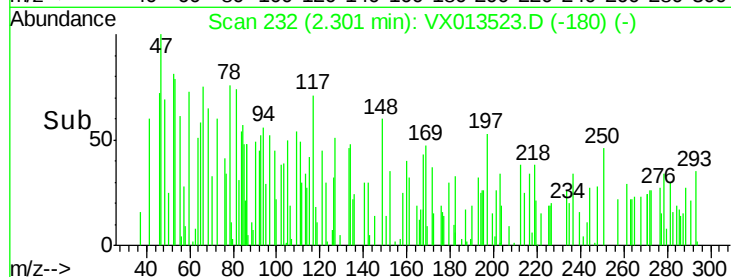
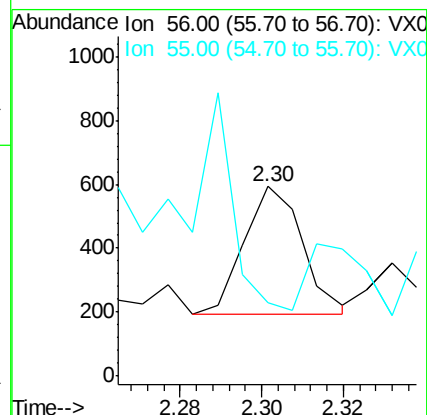
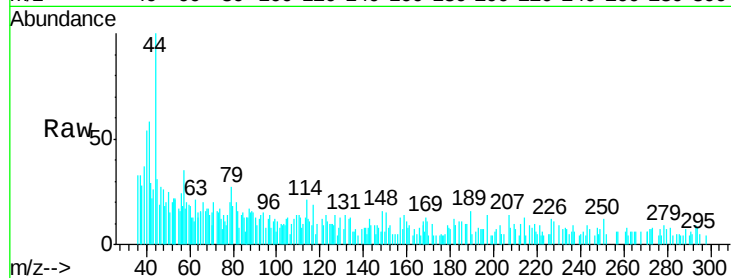
VX1122WBL02

Tgt Ion: 56 Resp: 402

Ion Ratio Lower Upper

56 100

55 52.5 57.4 86.0#



#16

Acetone

Concen: 1.051 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013523.D

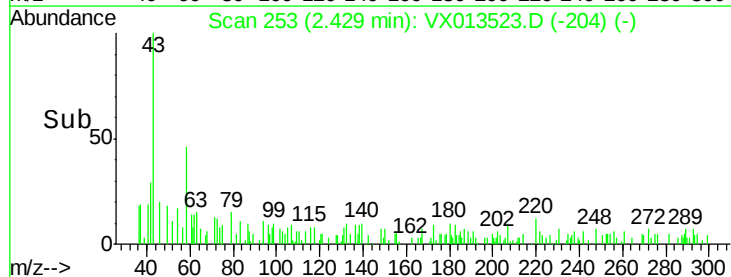
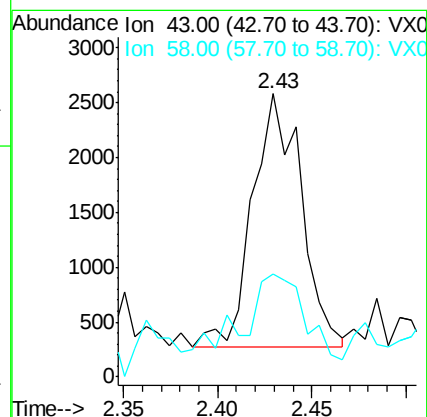
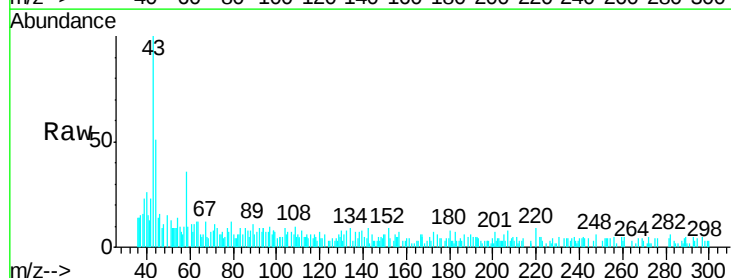
Acq: 22 Nov 2019 11:08

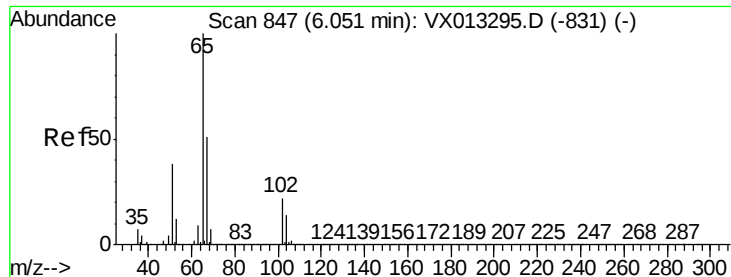
Tgt Ion: 43 Resp: 4149

Ion Ratio Lower Upper

43 100

58 33.8 24.3 36.5





#33

1,2-Dichloroethane-d4

Concen: 49.761 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013523.D

Acq: 22 Nov 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

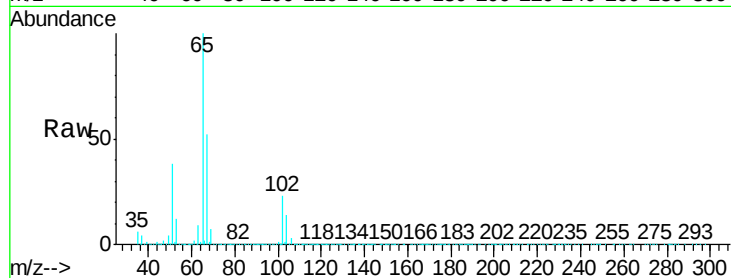
VX1122WBL02

Tgt Ion: 65 Resp: 393671

Ion Ratio Lower Upper

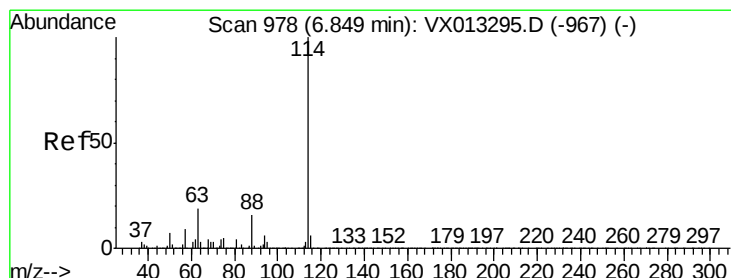
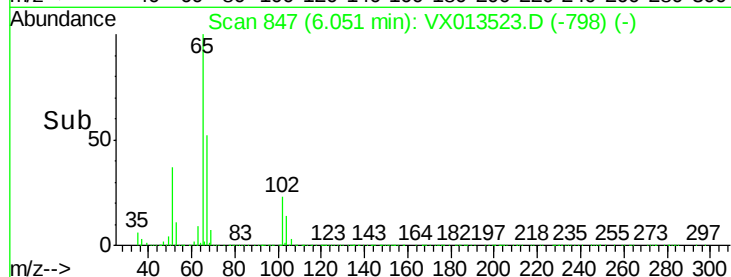
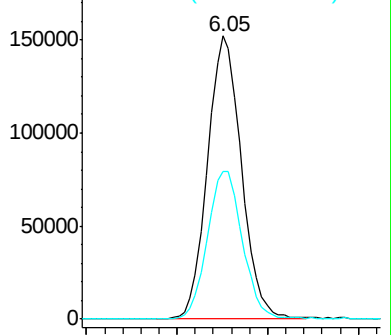
65 100

67 54.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013523.D

Acq: 22 Nov 2019 11:08

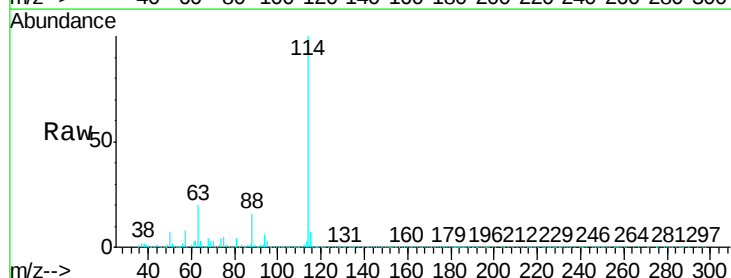
Tgt Ion: 114 Resp: 1094970

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

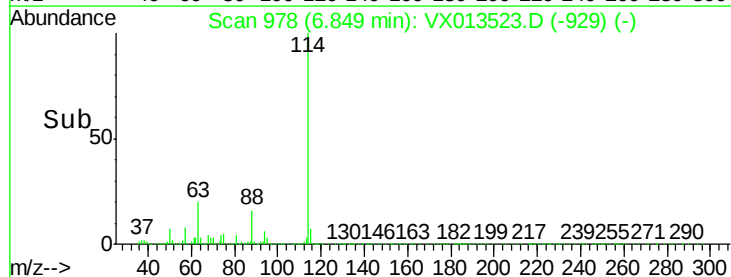
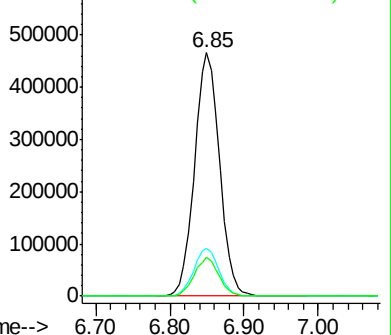
88 15.8 0.0 32.2

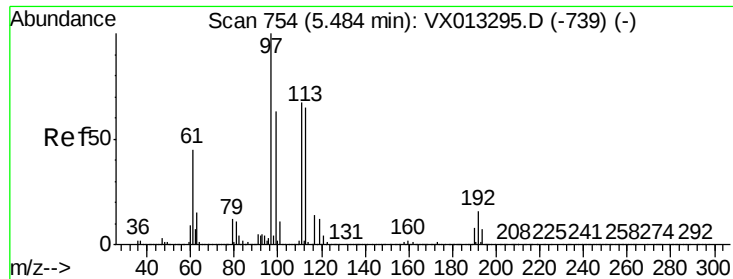


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

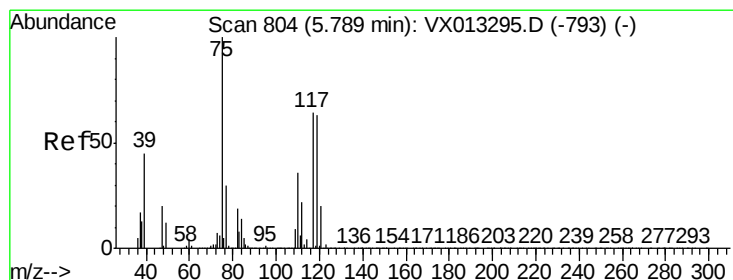
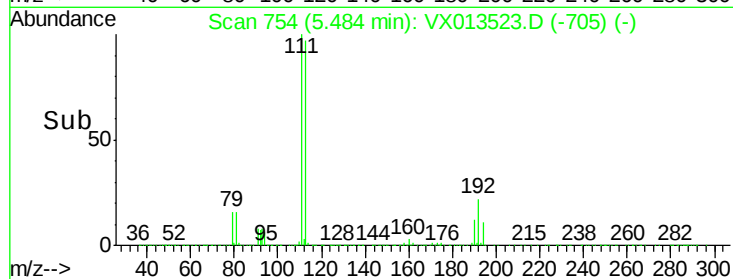
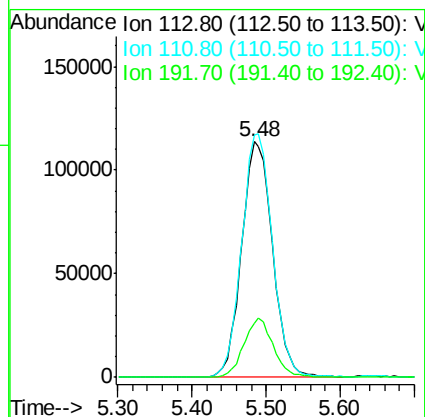
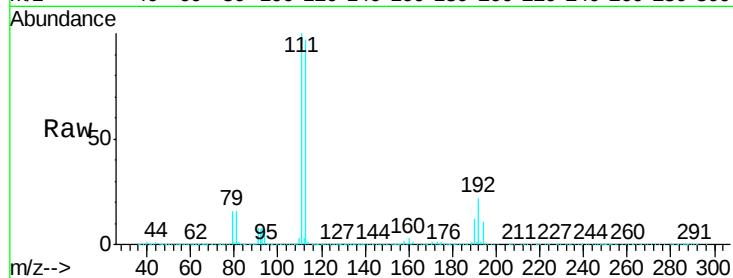




#35
Dibromofluoromethane
Concen: 48.423 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013523.D
Acq: 22 Nov 2019 11:08

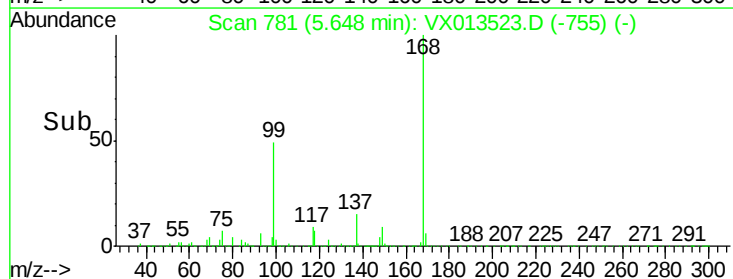
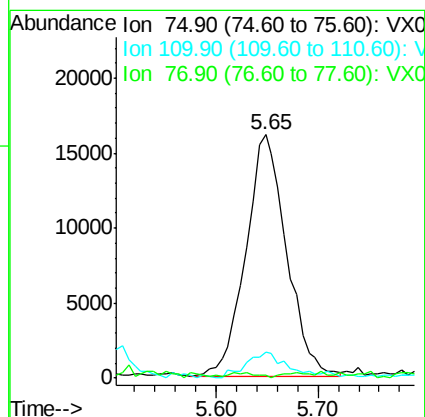
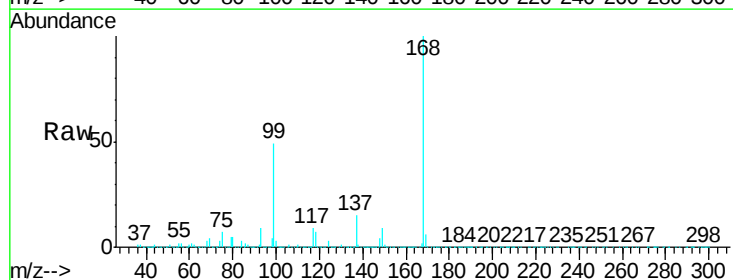
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBL02

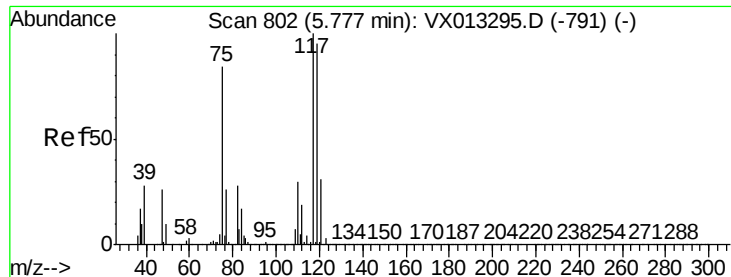
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	23.8	19.1	28.7



#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013523.D
Acq: 22 Nov 2019 11:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	1.8	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.292 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013523.D

Acq: 22 Nov 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBL02

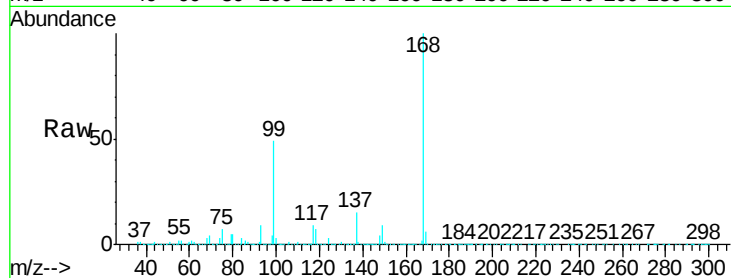
Tgt Ion:117 Resp: 57798

Ion Ratio Lower Upper

117 100

119 3.6 76.1 114.1#

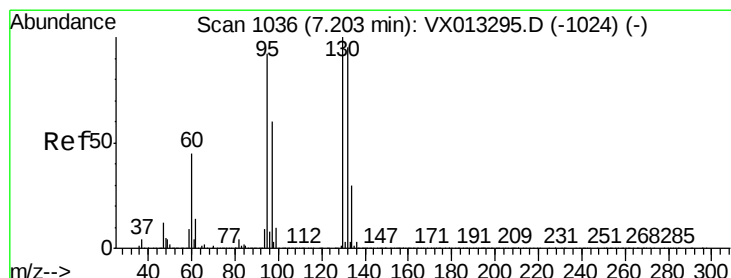
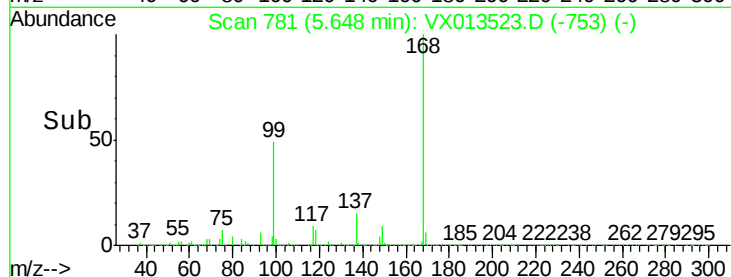
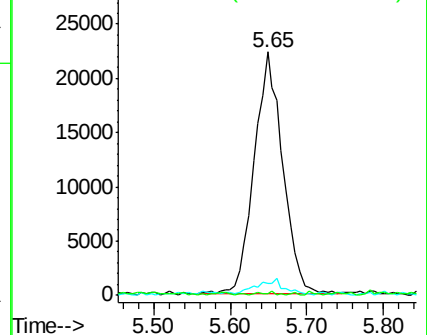
121 0.0 24.6 37.0#



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



#44

Trichloroethene

Concen: 0.491 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013523.D

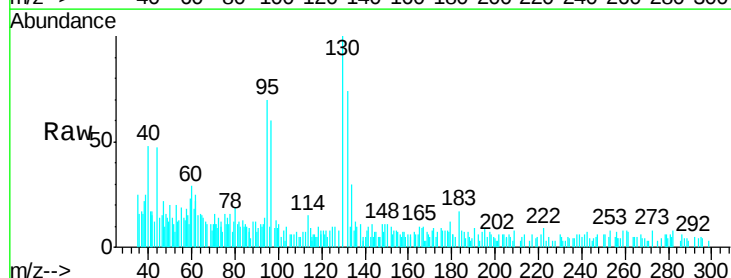
Acq: 22 Nov 2019 11:08

Tgt Ion:130 Resp: 3955

Ion Ratio Lower Upper

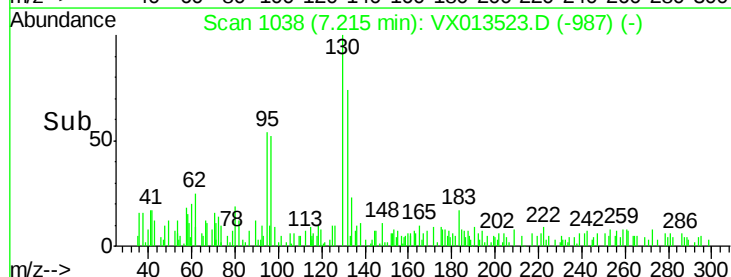
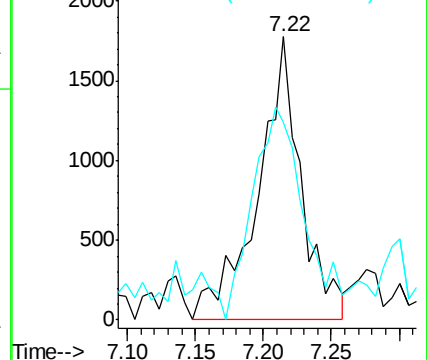
130 100

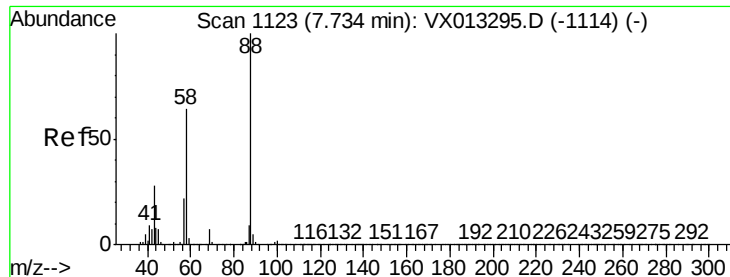
95 61.1 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

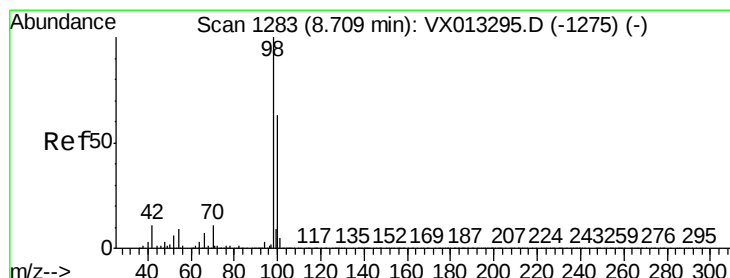
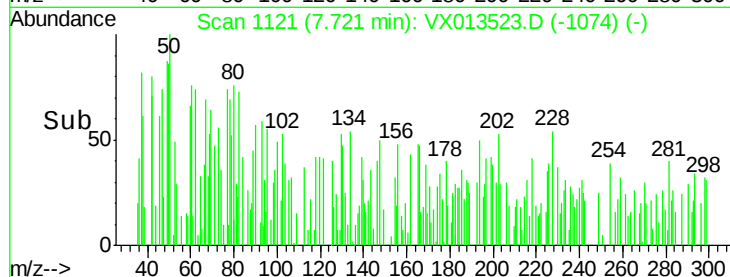
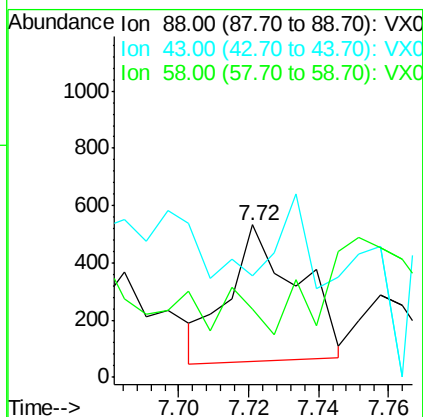
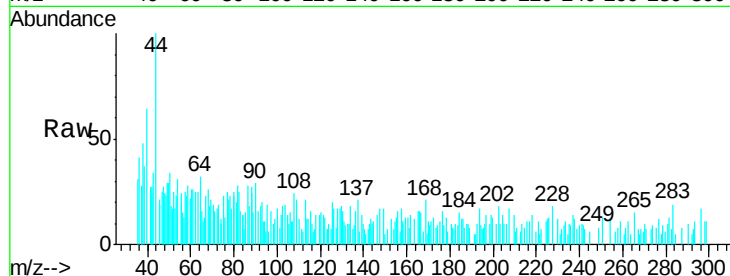




#49
1,4-Dioxane
Concen: 3.189 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX013523.D
Acq: 22 Nov 2019 11:08

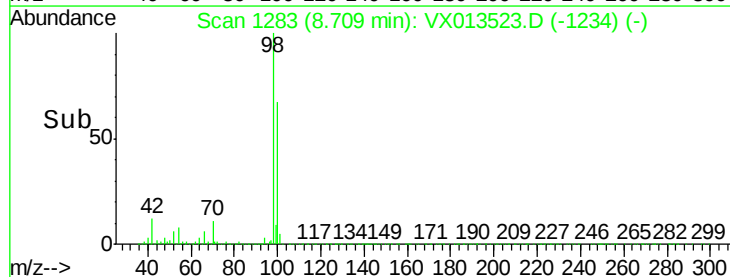
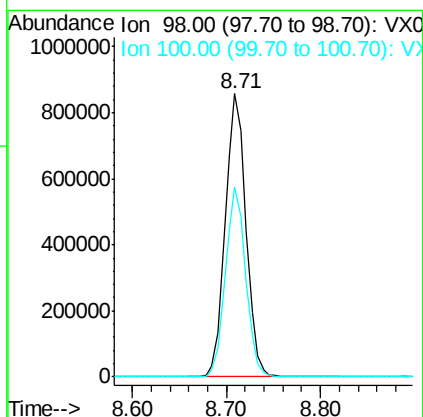
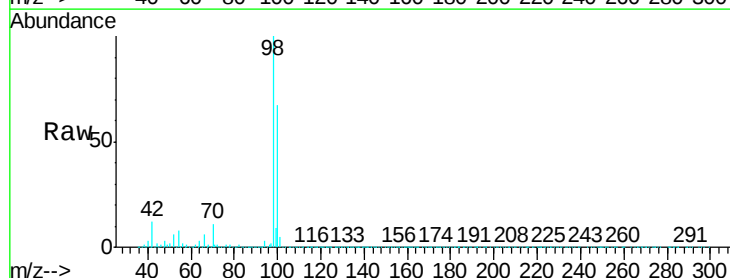
Instrument :
MSVOA_X
ClientSampled :
VX1122WBL02

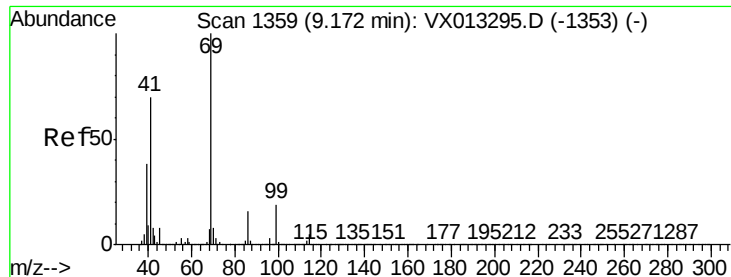
Tgt Ion: 88 Resp: 659
Ion Ratio Lower Upper
88 100
43 73.1 26.6 39.8#
58 0.0 55.0 82.6#



#50
Toluene-d8
Concen: 50.280 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013523.D
Acq: 22 Nov 2019 11:08

Tgt Ion: 98 Resp: 1301786
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2





#56

Ethyl methacrylate

Concen: 1.583 ug/l

RT: 9.18 min Scan# 1361

Delta R.T. 0.01 min

Lab File: VX013523.D

Acq: 22 Nov 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

VX1122WBL02

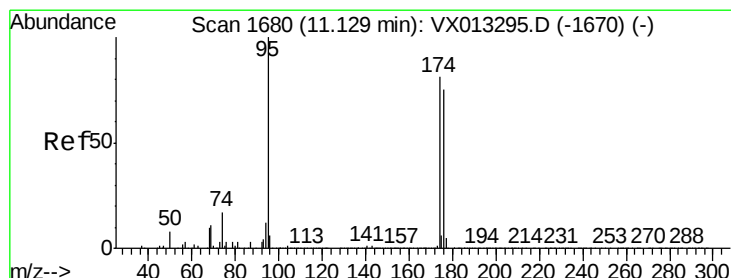
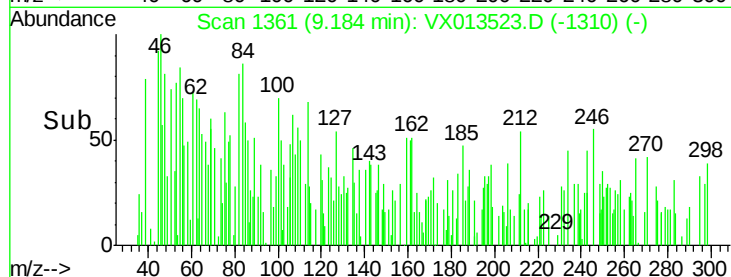
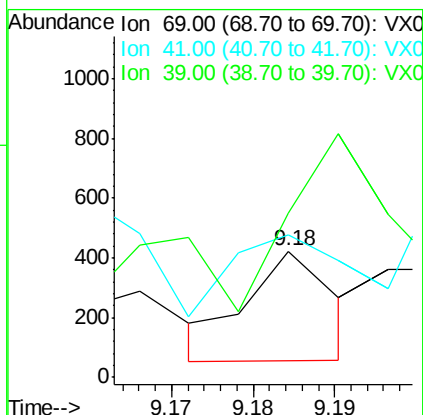
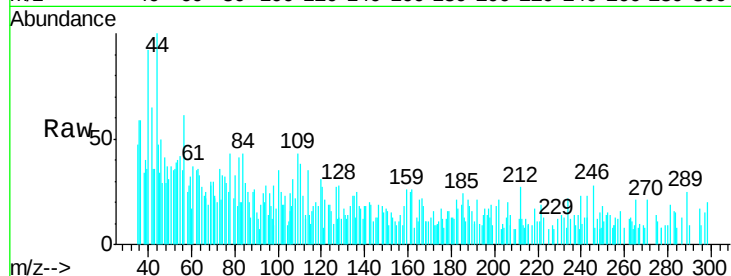
Tgt Ion: 69 Resp: 267

Ion Ratio Lower Upper

69 100

41 104.9 56.2 84.2#

39 454.3 31.1 46.7#



#62

4-Bromofluorobenzene

Concen: 46.212 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013523.D

Acq: 22 Nov 2019 11:08

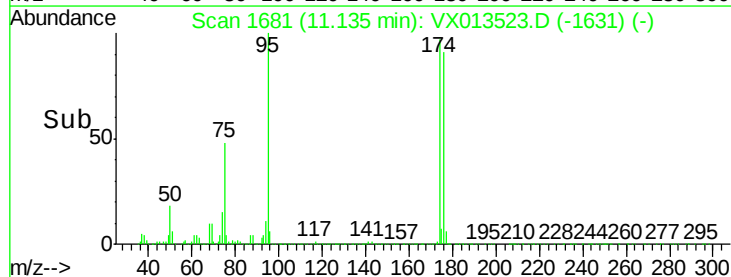
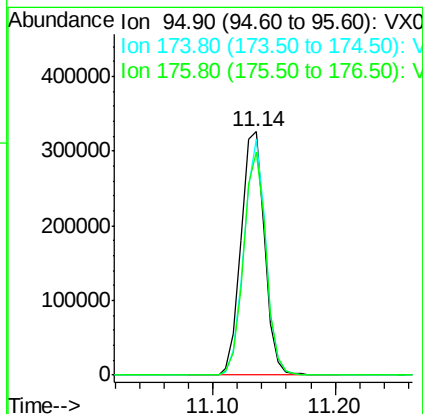
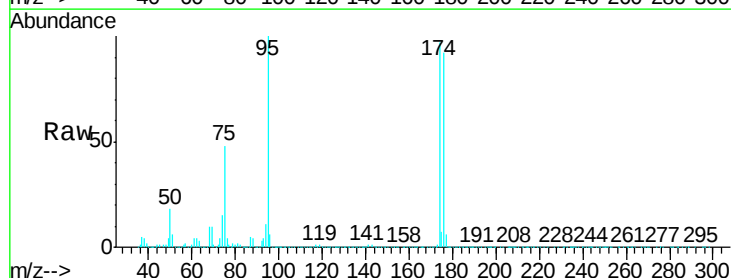
Tgt Ion: 95 Resp: 431810

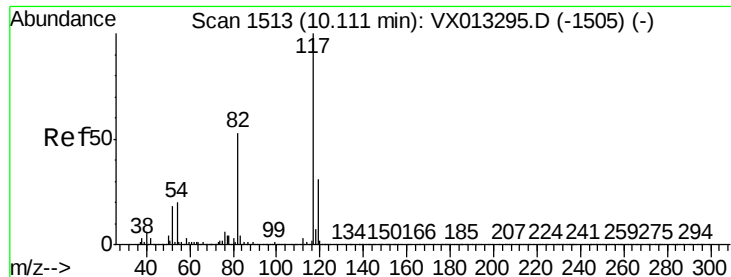
Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.8

176 87.9 0.0 173.0

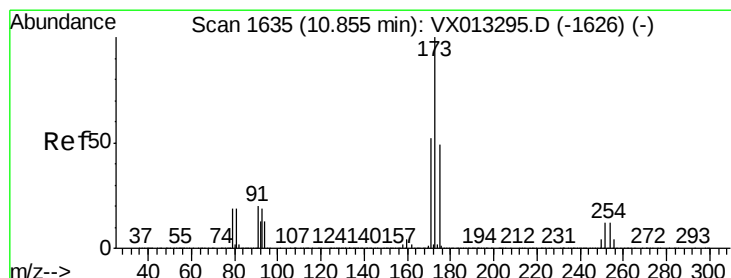
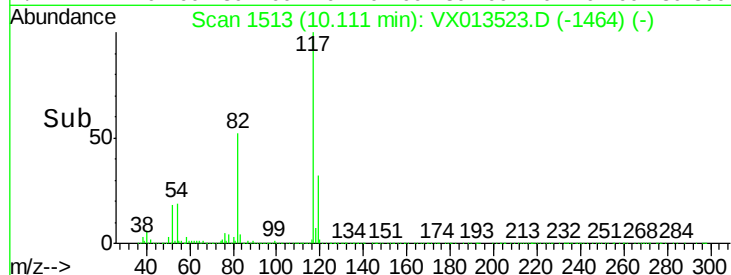
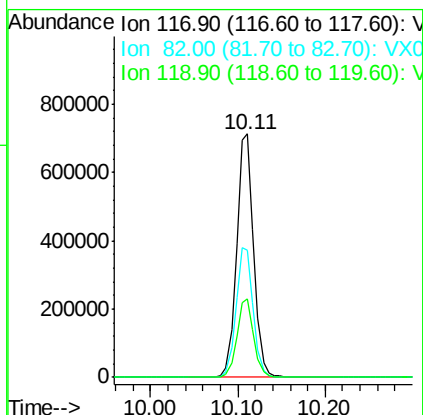
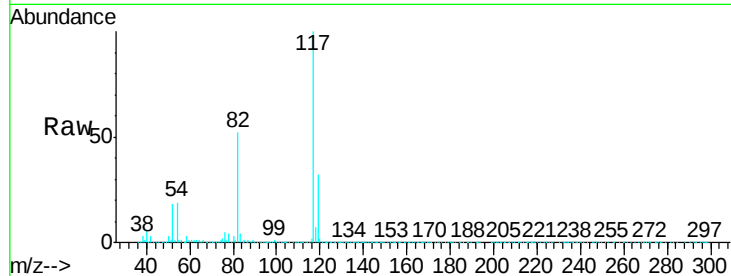




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013523.D
Acq: 22 Nov 2019 11:08

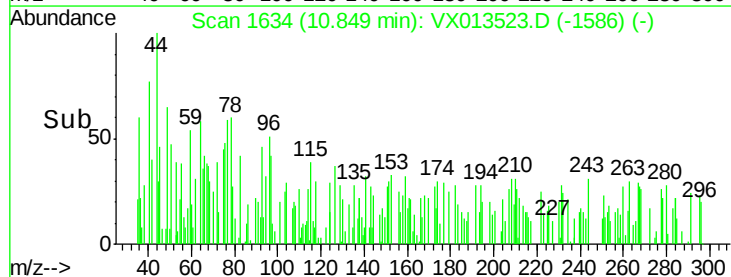
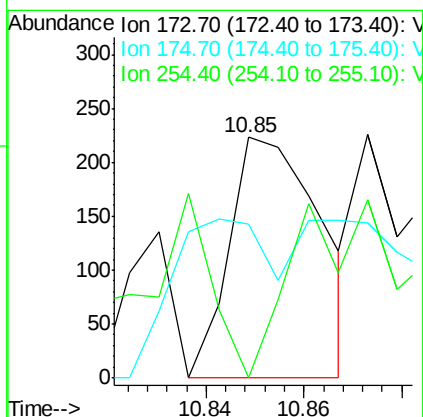
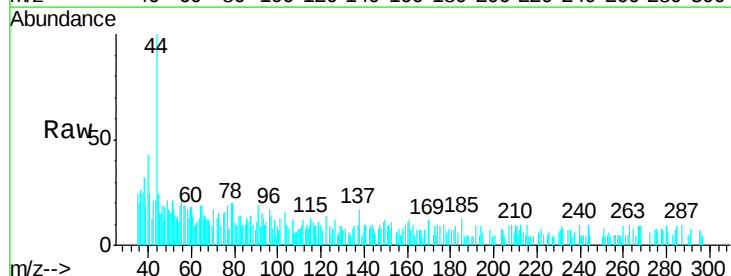
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBL02

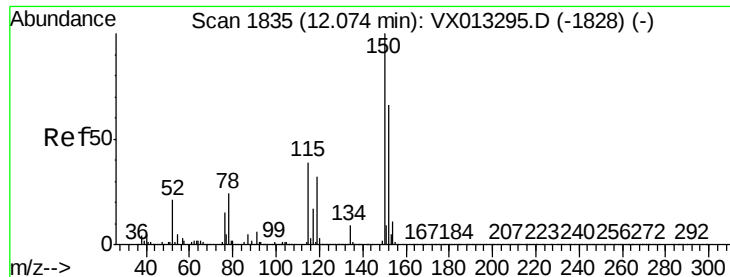
Tgt Ion:117 Resp: 970086
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 32.0 24.8 37.2



#71
Bromoform
Concen: 3.243 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013523.D
Acq: 22 Nov 2019 11:08

Tgt Ion:173 Resp: 290
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 66.2 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: VX013523.D

Acq: 22 Nov 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBL02

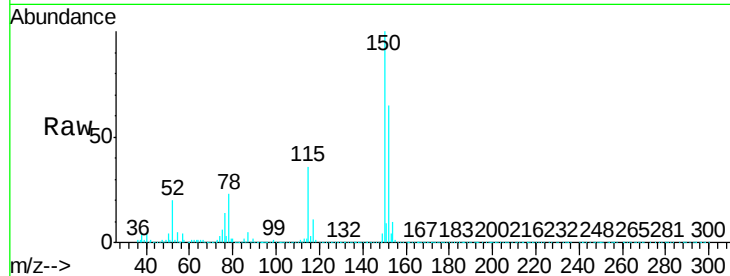
Tgt Ion:152 Resp: 435177

Ion Ratio Lower Upper

152 100

115 55.7 39.5 118.3

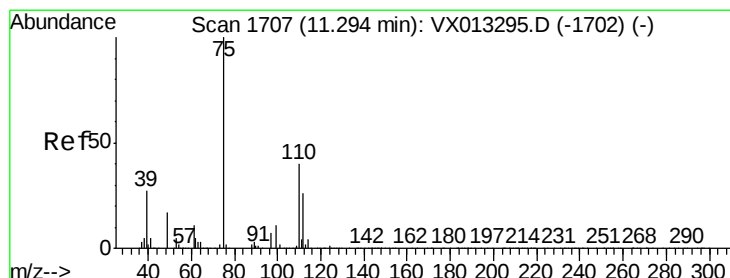
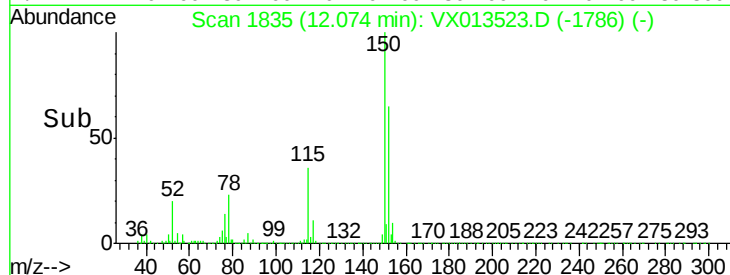
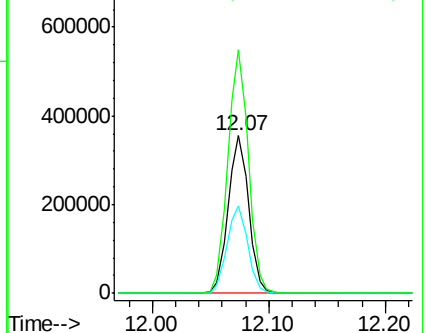
150 154.4 0.0 344.4



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



#76

1,2,3-Trichloropropane

Concen: 24.020 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013523.D

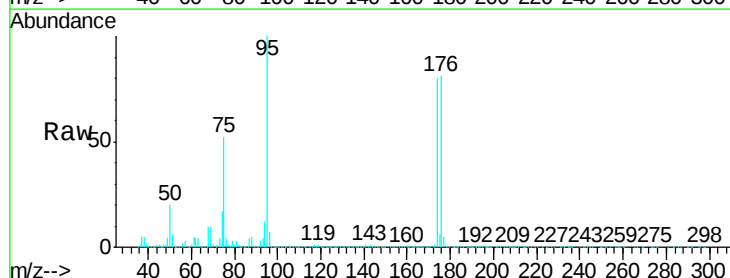
Acq: 22 Nov 2019 11:08

Tgt Ion: 75 Resp: 212309

Ion Ratio Lower Upper

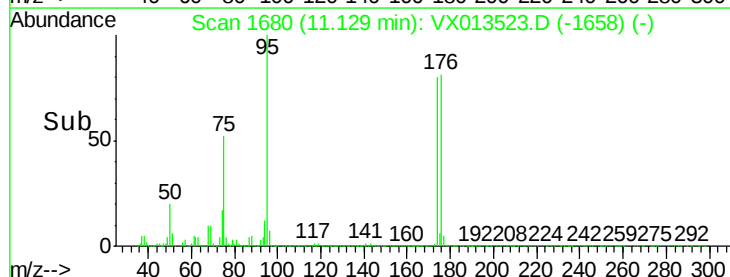
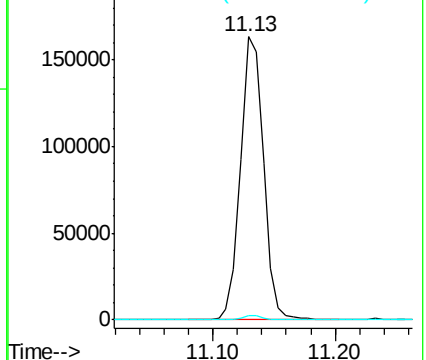
75 100

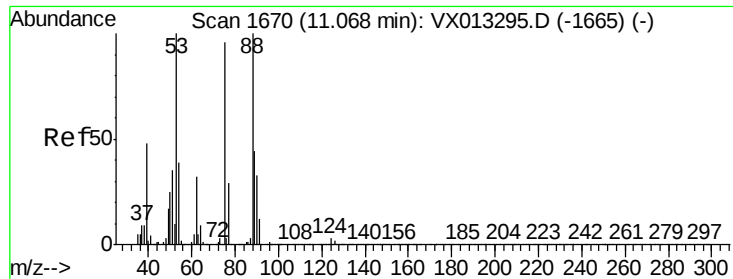
77 1.6 22.3 66.8#



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: 61.826 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013523.D

Acq: 22 Nov 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBL02

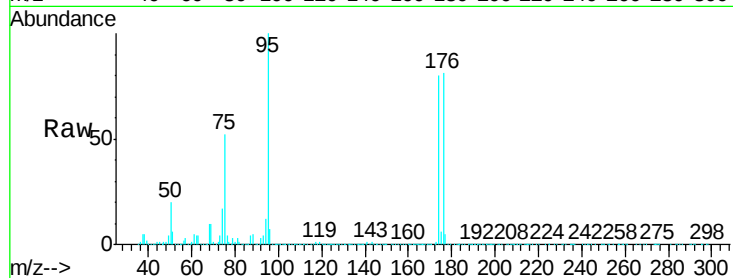
Tgt Ion: 75 Resp: 212309

Ion Ratio Lower Upper

75 100

53 0.3 81.0 121.6#

89 0.1 36.0 54.0#



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

