

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013642.D
 Acq On : 27 Nov 2019 10:58
 Operator : JC/SP
 Sample : VX1127MBL01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127MBL01

Quant Time: Nov 28 00:22:53 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	681245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1080525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	954921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	418783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	389661	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.48	113	320881	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.71	98	1276504	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	427647	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

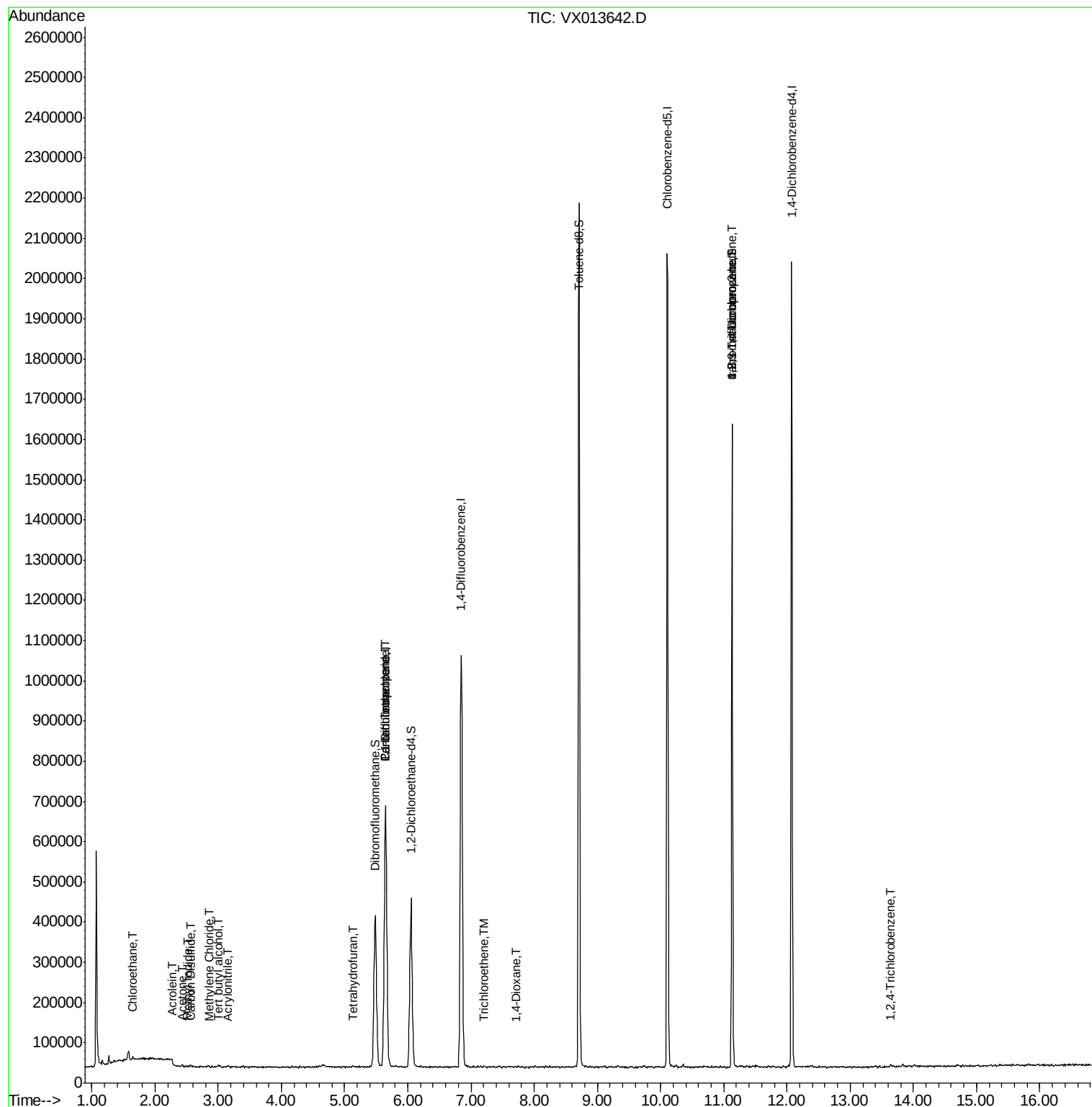
						Qvalue
6) Chloroethane	1.64	64	1127	0.207	ug/l #	41
10) Methyl Iodide	2.51	142	2246	0.286	ug/l #	60
11) Tert butyl alcohol	3.00	59	2920	1.496	ug/l #	55
13) Acrolein	2.28	56	612	6.461	ug/l #	15
15) Acrylonitrile	3.14	53	1504	0.373	ug/l #	37
16) Acetone	2.43	43	3428	0.878	ug/l	99
17) Carbon Disulfide	2.56	76	5817	0.315	ug/l #	87
20) Methylene Chloride	2.85	84	1887	0.252	ug/l #	51
29) Tetrahydrofuran	5.14	42	1440	0.403	ug/l #	62
36) 1,1-Dichloropropene	5.65	75	47794	4.873	ug/l #	51
38) Carbon Tetrachloride	5.64	117	59521	6.581	ug/l #	16
44) Trichloroethene	7.21	130	1724	0.210	ug/l	36
49) 1,4-Dioxane	7.73	88	265	1.345	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	206800	21.955	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	206800	60.066	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.64	180	2095	0.220	ug/l	74

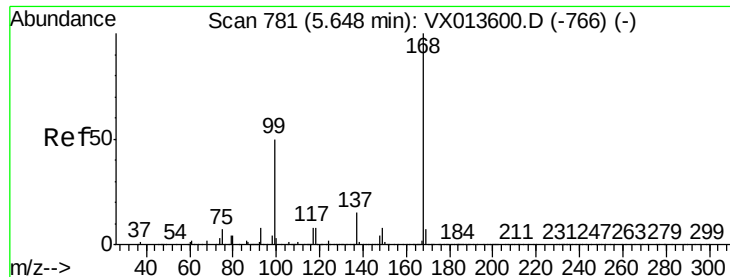
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112719\
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Quant Time: Nov 28 00:22:53 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: VX013642.D

Acq: 27 Nov 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

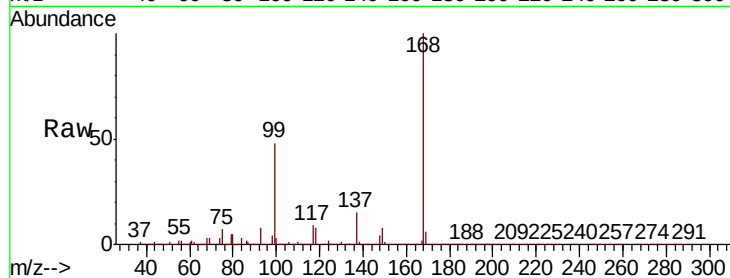
VX1127MBL01

Tot Ion:168 Resp: 681245

Ion Ratio Lower Upper

168 100

99 48.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

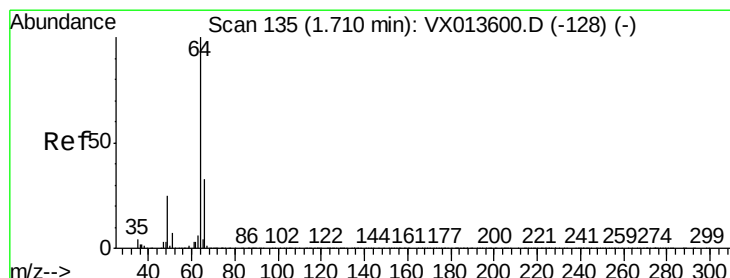
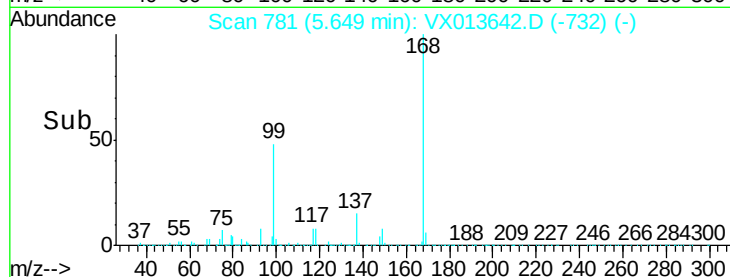
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.207 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.07 min

Lab File: VX013642.D

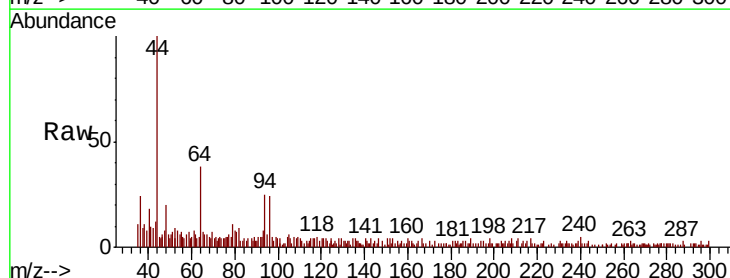
Acq: 27 Nov 2019 10:58

Tgt Ion: 64 Resp: 1127

Ion Ratio Lower Upper

64 100

66 0.0 26.7 40.1#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

2500

2000

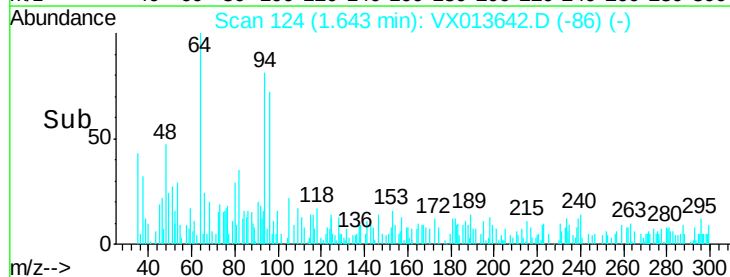
1500

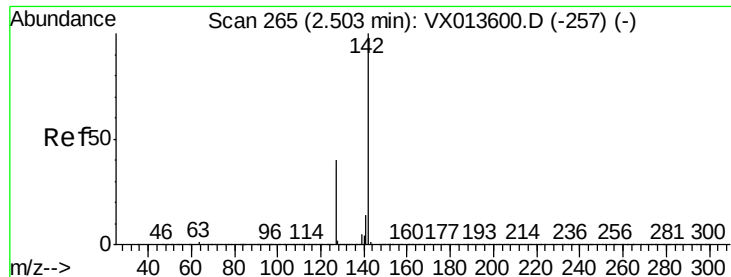
1000

500

0

Time-->

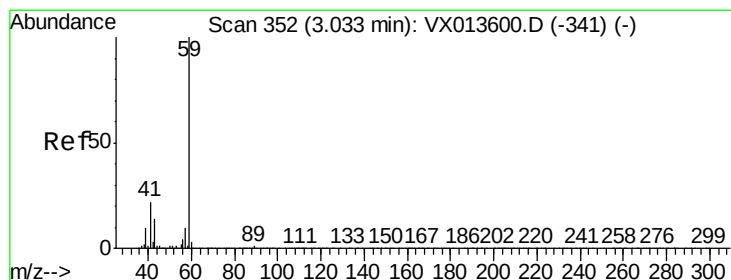
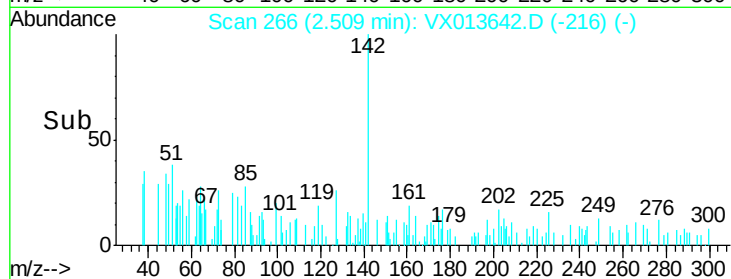
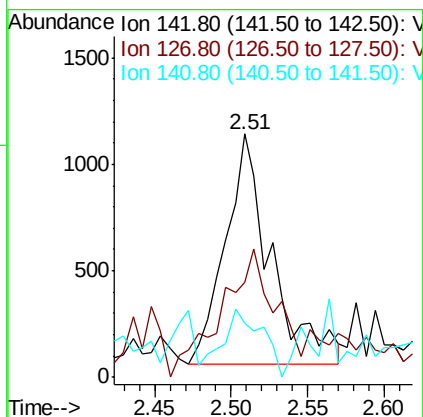
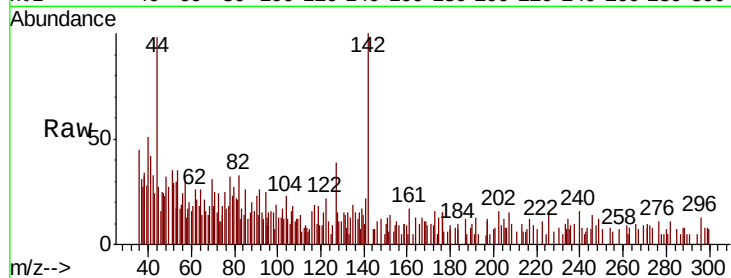




#10
Methvl Iodide
Concen: 0.286 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013642.D
Acq: 27 Nov 2019 10:58

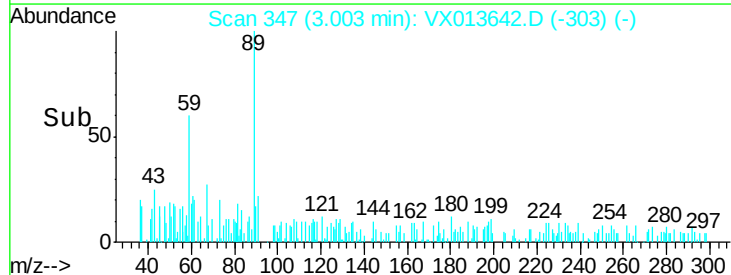
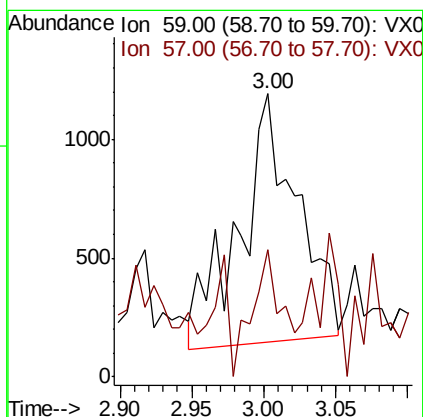
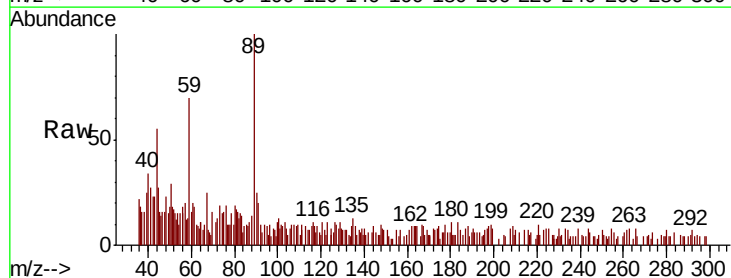
Instrument :
MSVOA_X
ClientSampleId :
VX1127MBL01

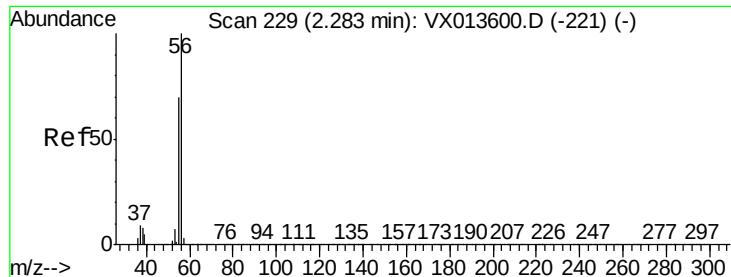
Tot Ion:142 Resp: 2246
Ion Ratio Lower Upper
142 100
127 66.6 31.0 46.4#
141 24.2 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.496 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.03 min
Lab File: VX013642.D
Acq: 27 Nov 2019 10:58

Tgt Ion: 59 Resp: 2920
Ion Ratio Lower Upper
59 100
57 26.3 7.8 11.6#





#13

Acrolein

Concen: 6.461 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013642.D

Acq: 27 Nov 2019 10:58

Instrument :

MSVOA_X

ClientSampled :

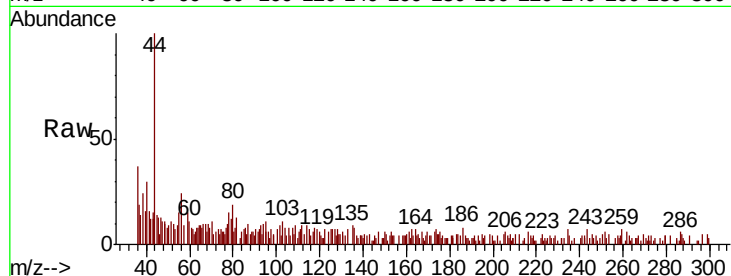
VX1127MBL01

Tot Ion: 56 Resp: 612

Ion Ratio Lower Upper

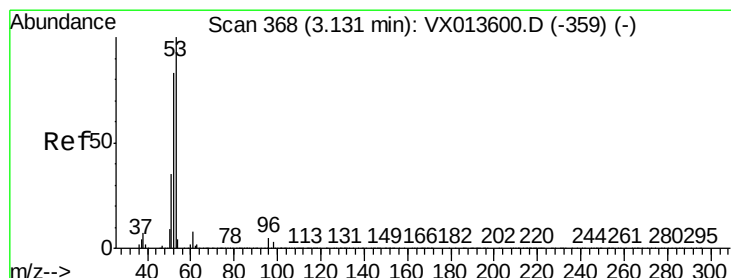
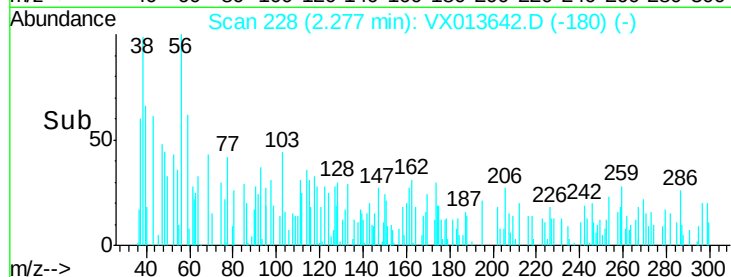
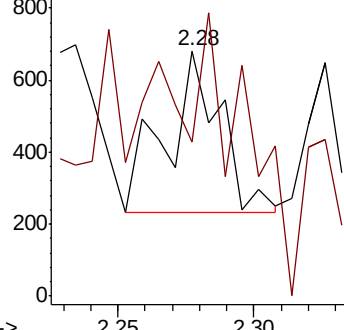
56 100

55 0.0 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.373 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013642.D

Acq: 27 Nov 2019 10:58

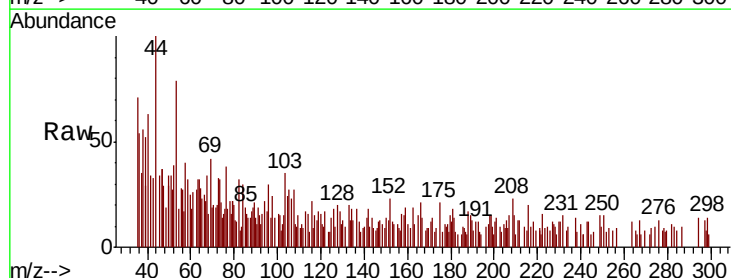
Tgt Ion: 53 Resp: 1504

Ion Ratio Lower Upper

53 100

52 10.8 66.2 99.2#

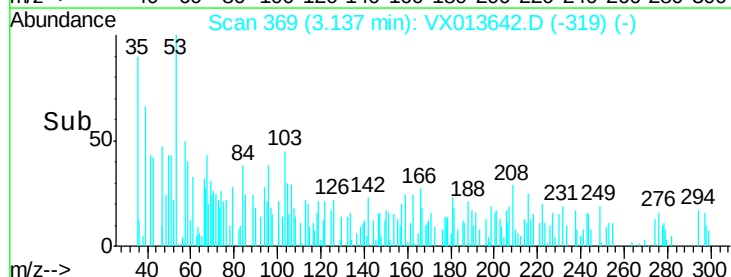
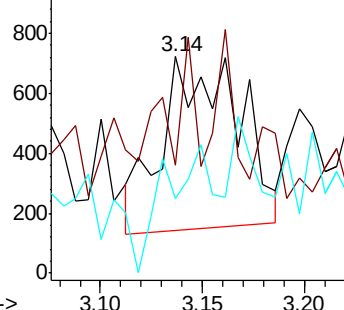
51 50.5 29.0 43.6#

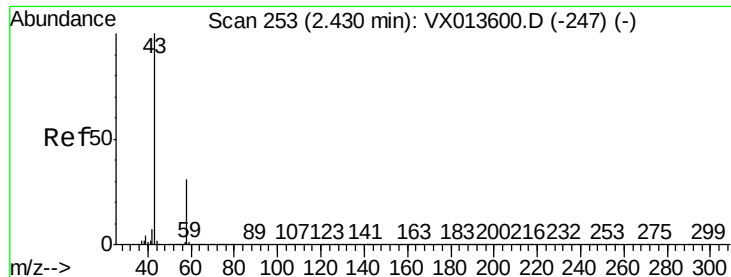


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.878 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013642.D

Acq: 27 Nov 2019 10:58

Instrument :

MSVOA_X

ClientSampled :

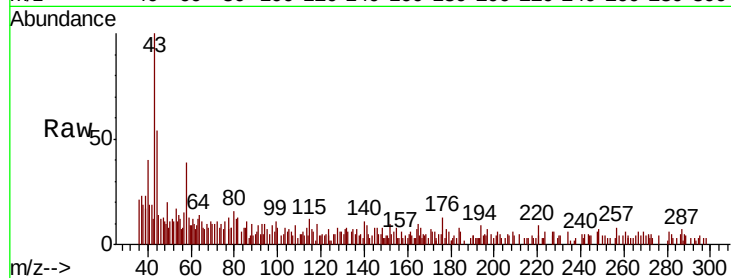
VX1127MBL01

Tot Ion: 43 Resp: 3428

Ion Ratio Lower Upper

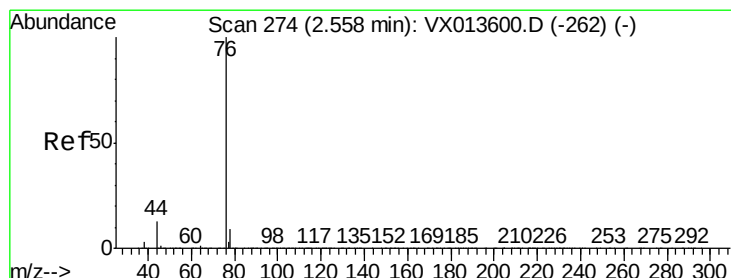
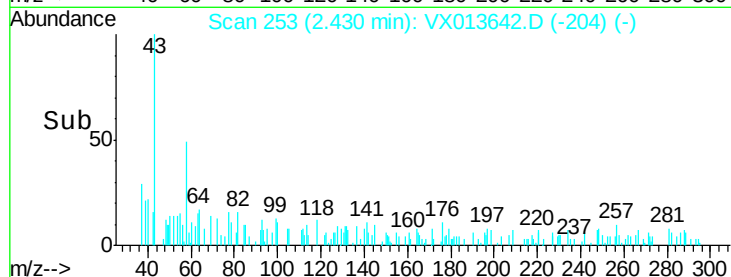
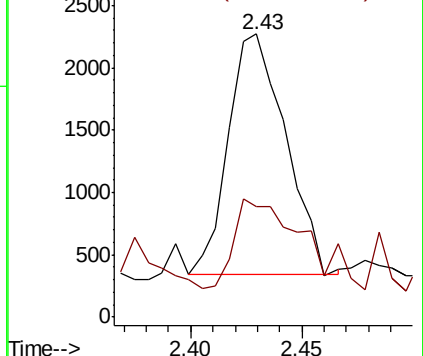
43 100

58 30.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.315 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013642.D

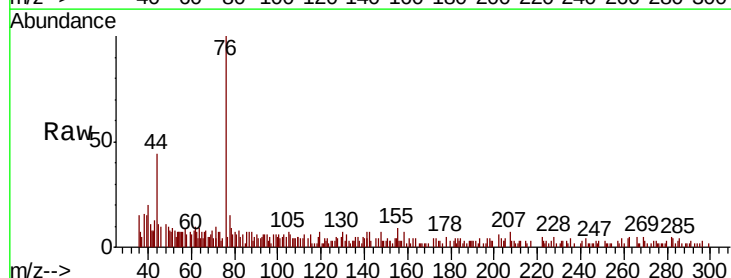
Acq: 27 Nov 2019 10:58

Tgt Ion: 76 Resp: 5817

Ion Ratio Lower Upper

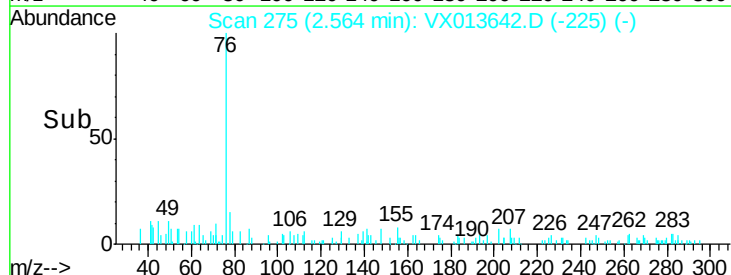
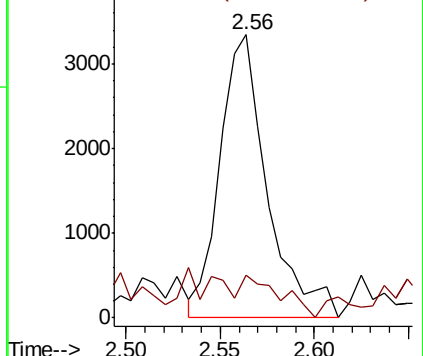
76 100

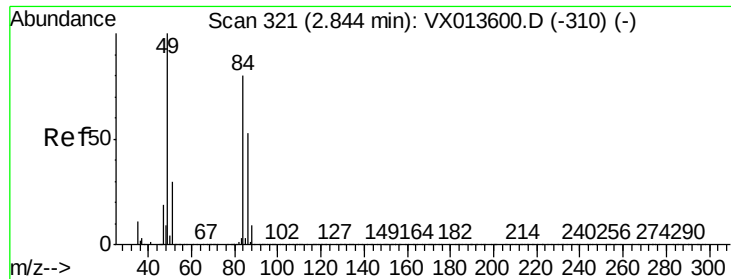
78 4.1 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

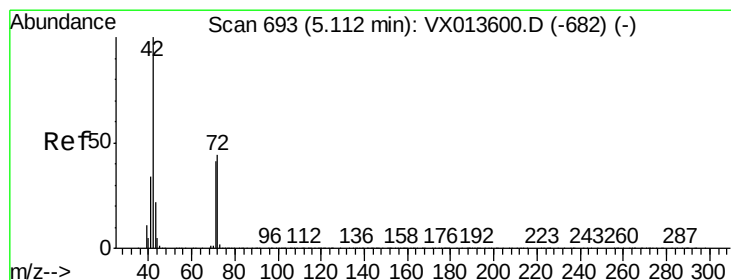
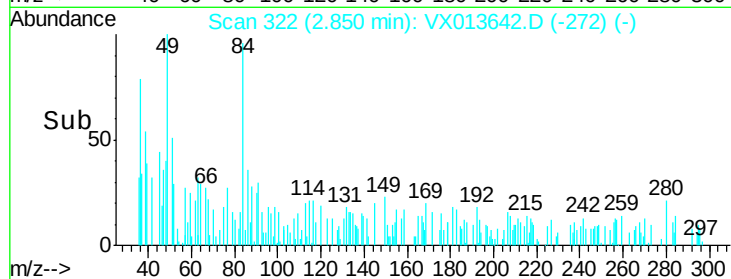
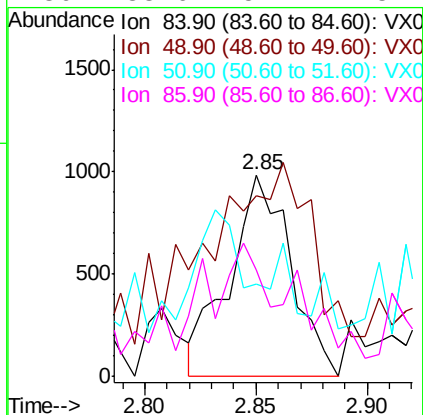
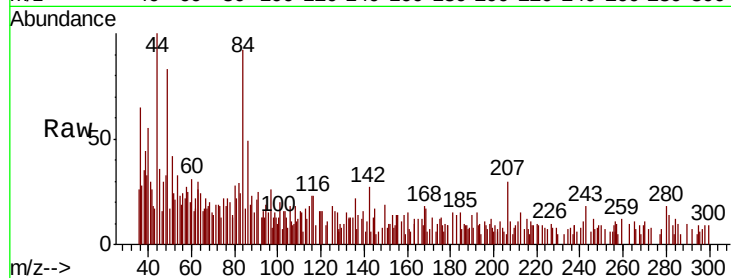




#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013642.D
Acq: 27 Nov 2019 10:58

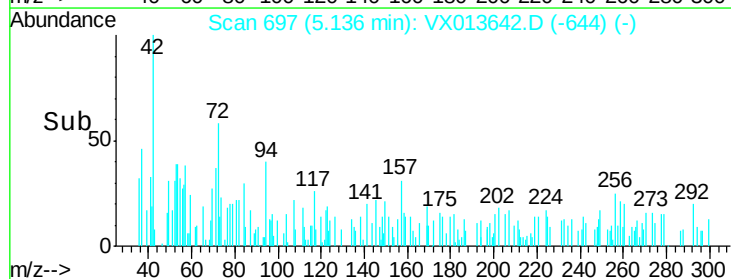
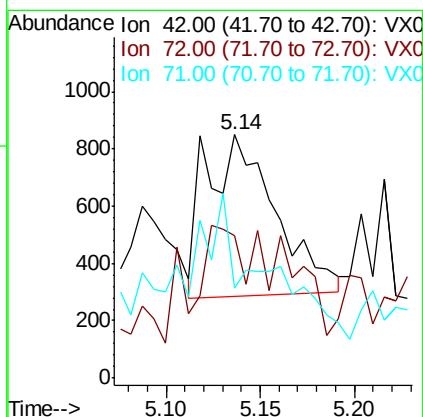
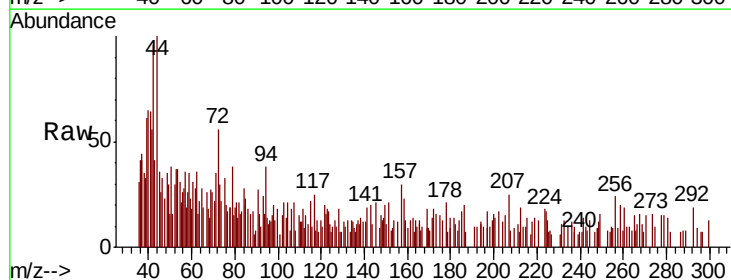
Instrument :
MSVOA_X
ClientSampled :
VX1127MBL01

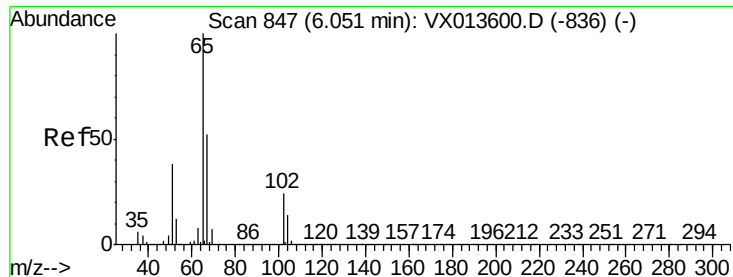
Tot Ion:	84	Resp:	1887
Ion	Ratio	Lower	Upper
84	100		
49	51.9	99.7	149.5#
51	22.6	29.9	44.9#
86	38.6	52.2	78.4#



#29
Tetrahydrofuran
Concen: 0.403 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX013642.D
Acq: 27 Nov 2019 10:58

Tgt Ion:	42	Resp:	1440
Ion	Ratio	Lower	Upper
42	100		
72	76.1	36.3	54.5#
71	24.0	33.2	49.8#





#33

1,2-Dichloroethane-d4

Concen: 49.276 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013642.D

Acq: 27 Nov 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

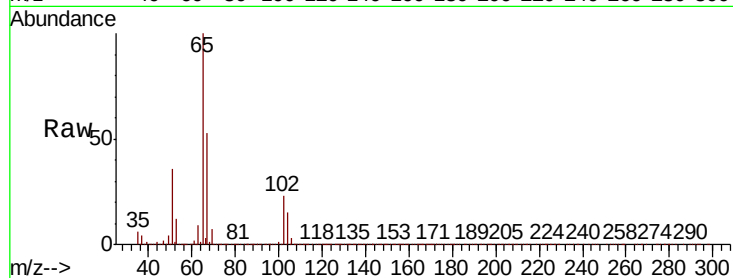
VX1127MBL01

Tot Ion: 65 Resp: 389661

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

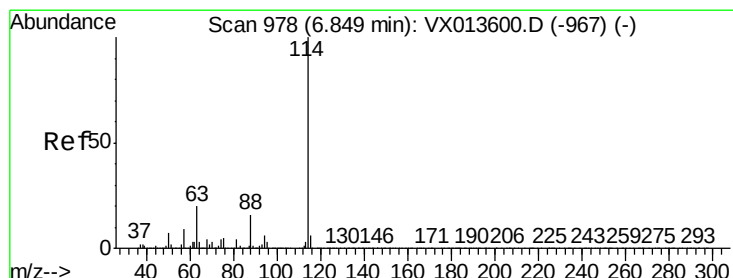
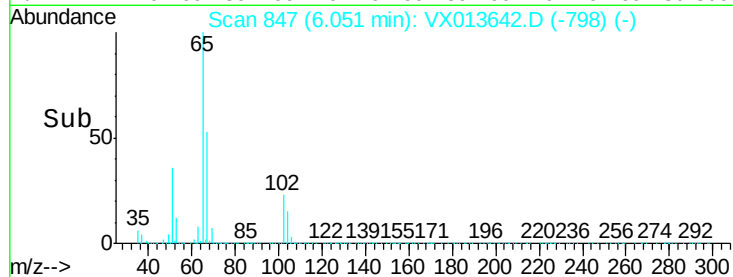
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013642.D

Acq: 27 Nov 2019 10:58

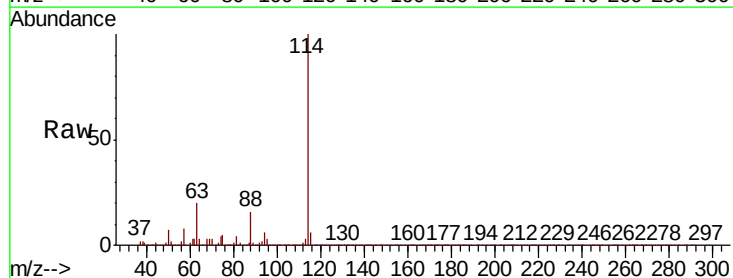
Tgt Ion: 114 Resp: 1080525

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.9 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

600000

500000

400000

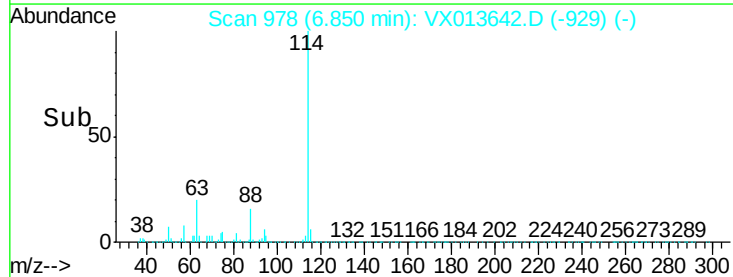
300000

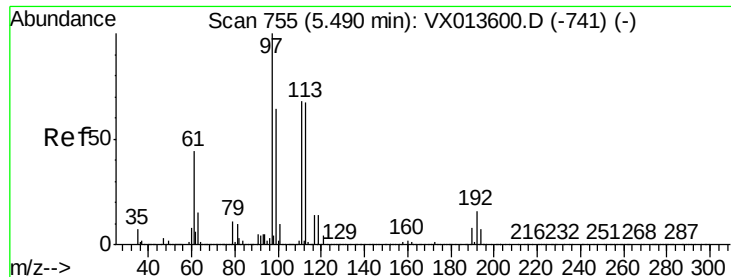
200000

100000

0

Time-->

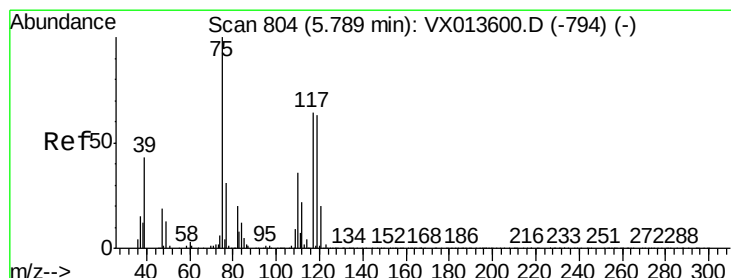
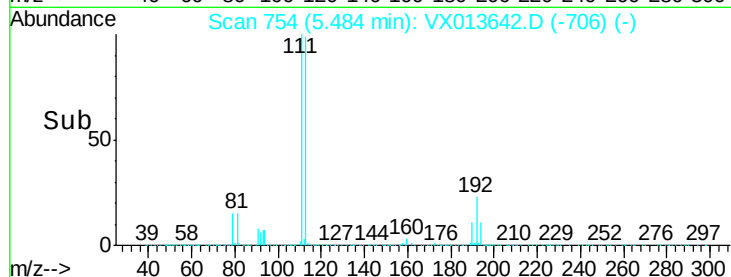
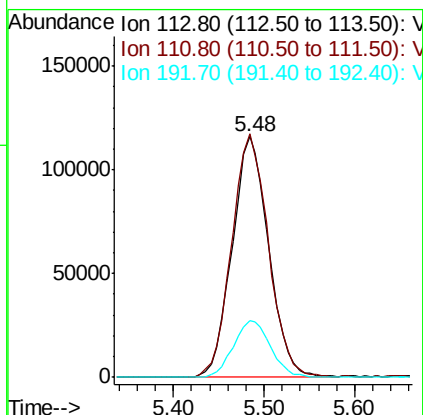
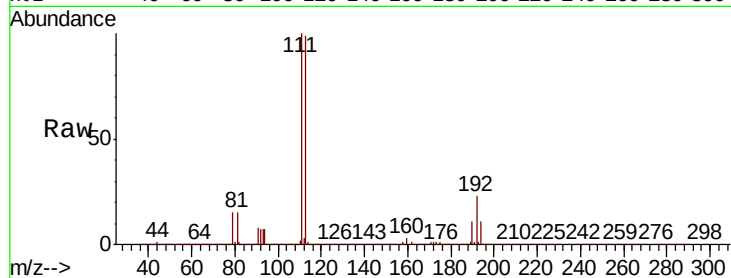




#35
 Dibromofluoromethane
 Concen: 48.037 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013642.D
 Acq: 27 Nov 2019 10:58

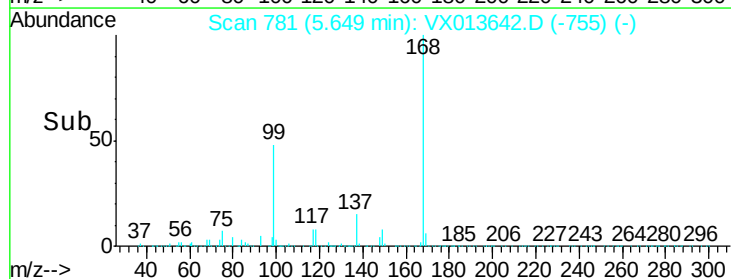
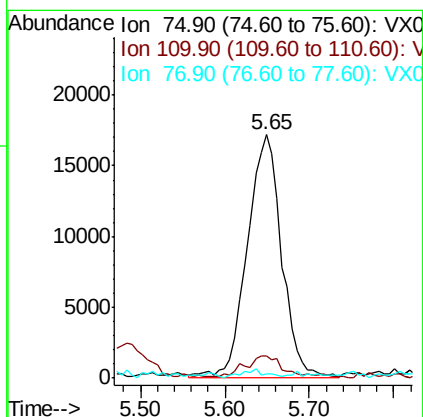
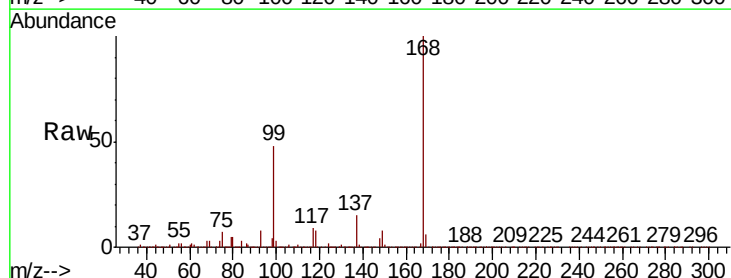
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127MBL01

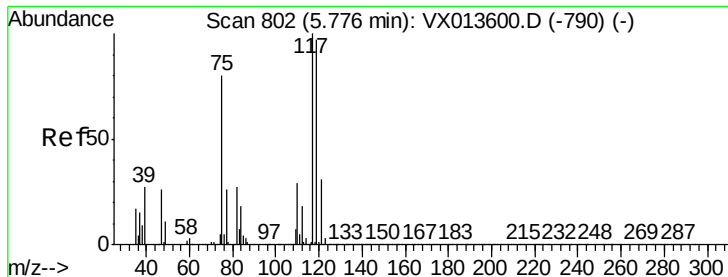
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.6	125.4
192	24.5	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 4.873 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013642.D
 Acq: 27 Nov 2019 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.1#
77	2.6	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.581 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX013642.D

Acq: 27 Nov 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX1127MBL01

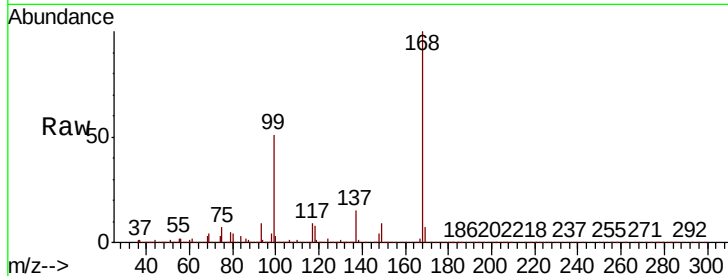
Tot Ion:117 Resp: 59521

Ion Ratio Lower Upper

117 100

119 5.4 77.5 116.3#

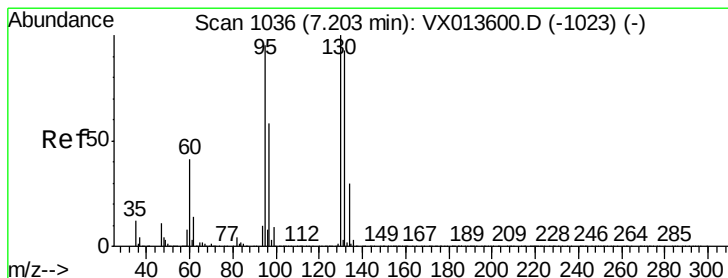
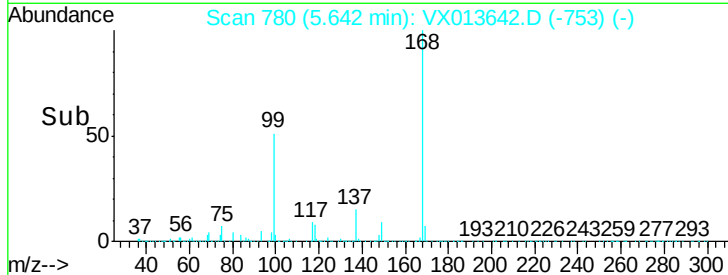
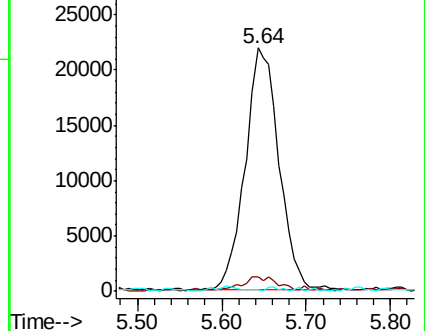
121 0.4 25.0 37.6#



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: 0.210 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013642.D

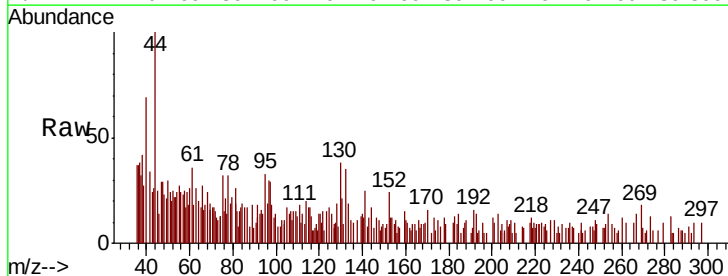
Acq: 27 Nov 2019 10:58

Tgt Ion:130 Resp: 1724

Ion Ratio Lower Upper

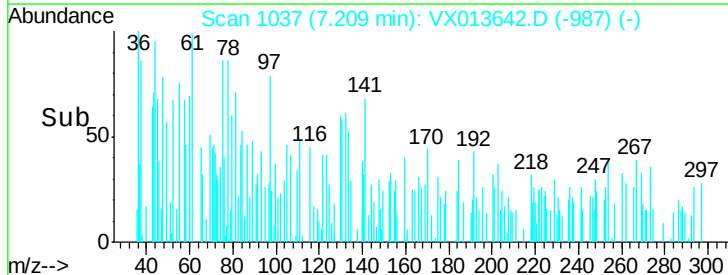
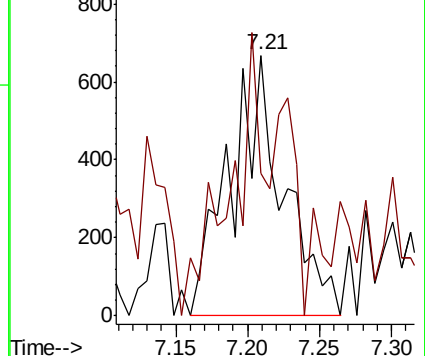
130 100

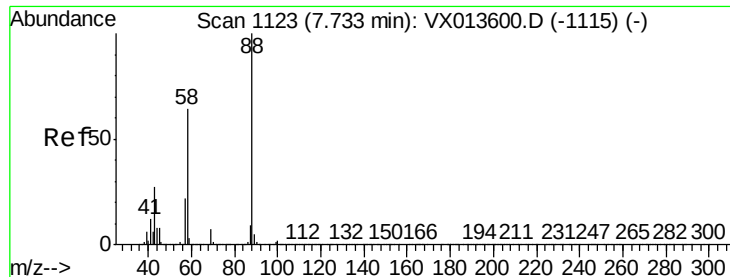
95 32.7 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 1.345 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013642.D

Acq: 27 Nov 2019 10:58

Instrument :

MSVOA_X

ClientSampled :

VX1127MBL01

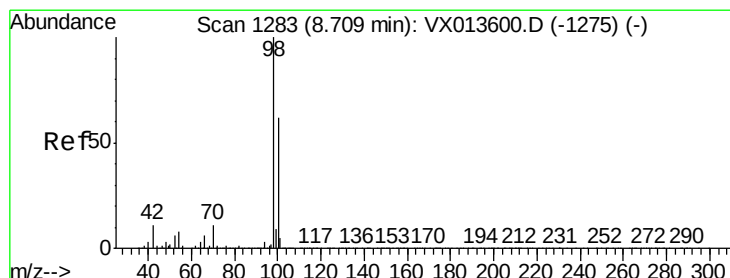
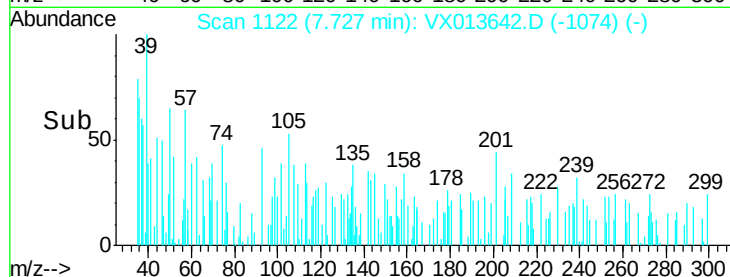
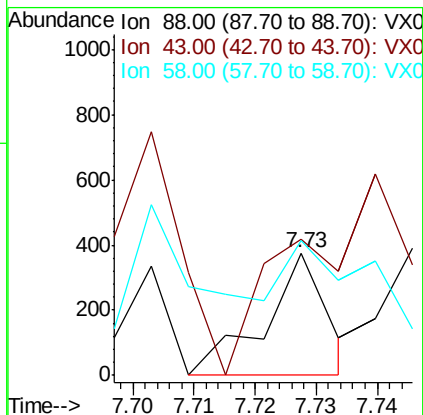
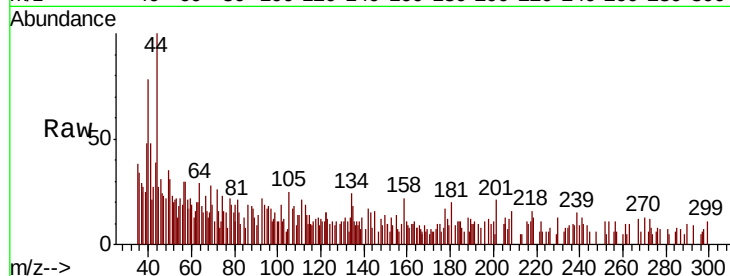
Tot Ion: 88 Resp: 265

Ion Ratio Lower Upper

88 100

43 359.2 25.8 38.6#

58 86.8 54.6 82.0#



#50

Toluene-d8

Concen: 49.048 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013642.D

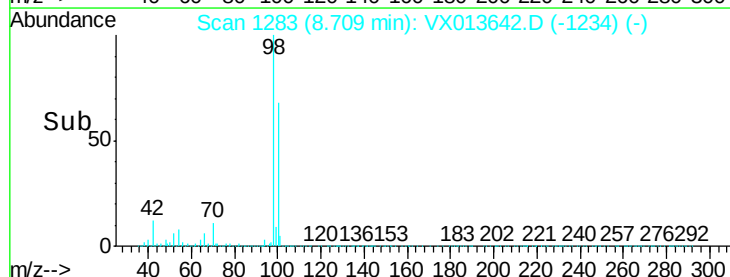
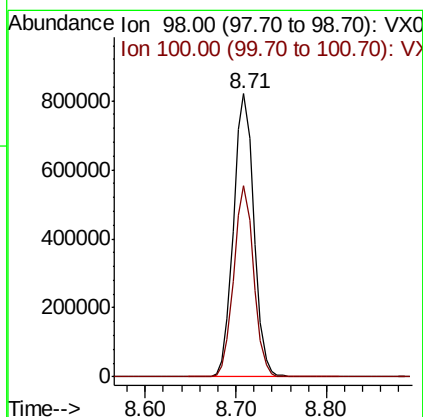
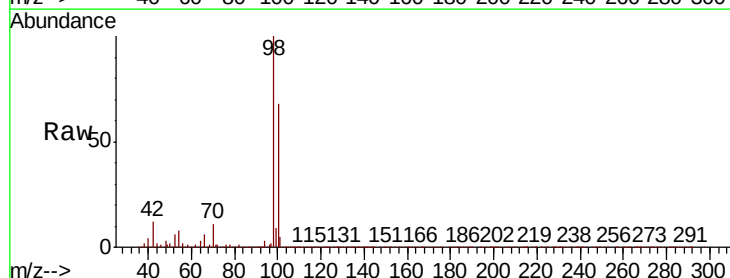
Acq: 27 Nov 2019 10:58

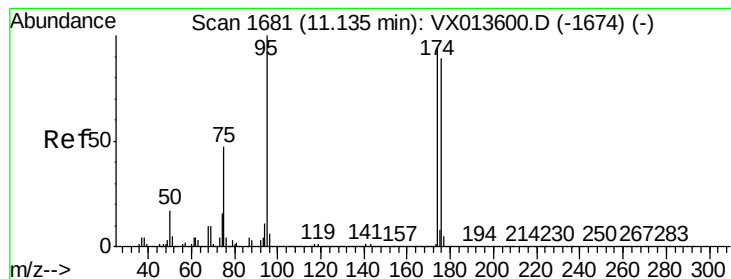
Tgt Ion: 98 Resp: 1276504

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.567 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013642.D

Acq: 27 Nov 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX1127MBL01

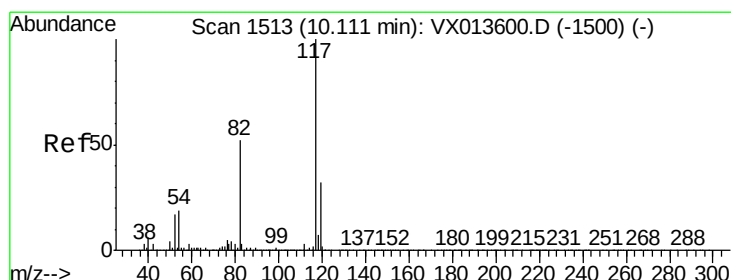
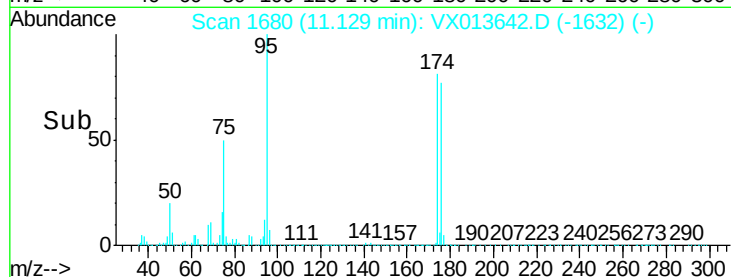
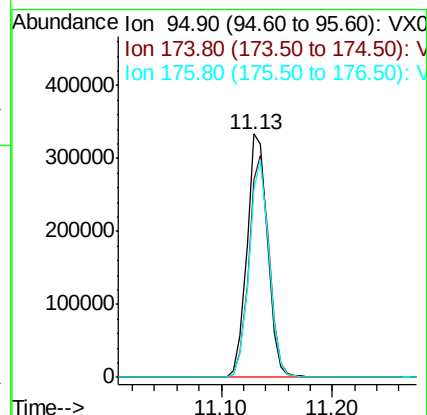
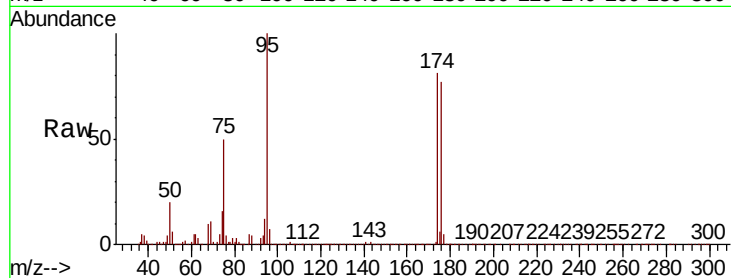
Tot Ion: 95 Resp: 427647

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

176 86.2 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: VX013642.D

Acq: 27 Nov 2019 10:58

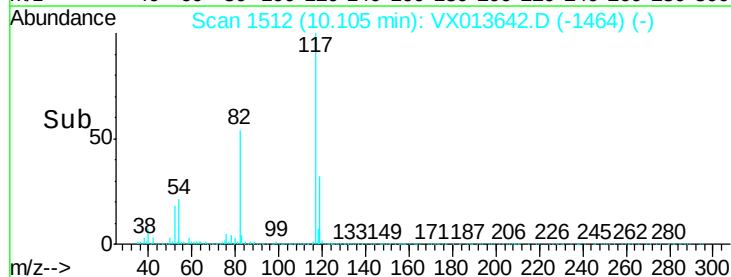
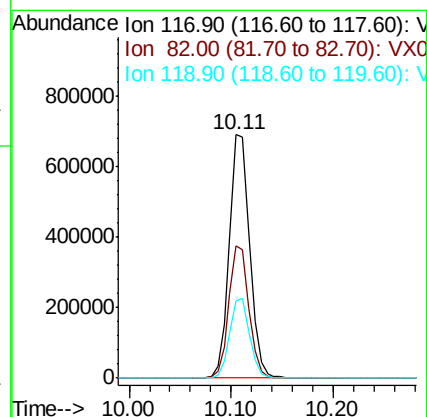
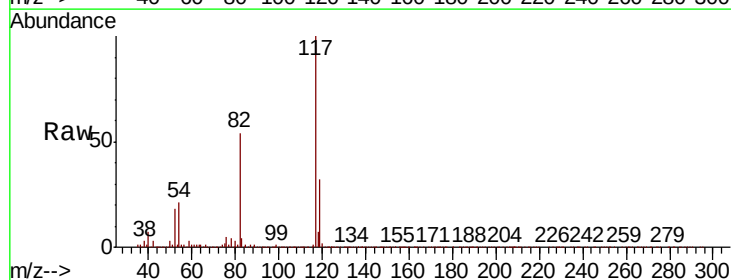
Tgt Ion: 117 Resp: 954921

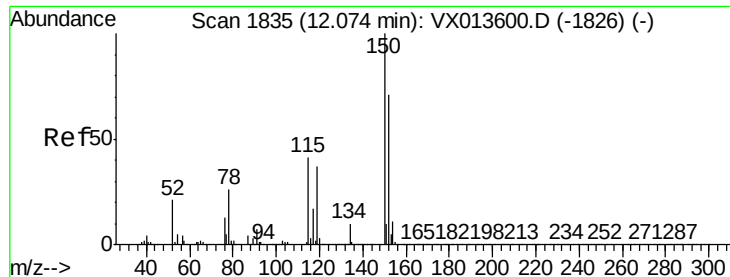
Ion Ratio Lower Upper

117 100

82 54.5 41.8 62.8

119 31.7 25.8 38.8

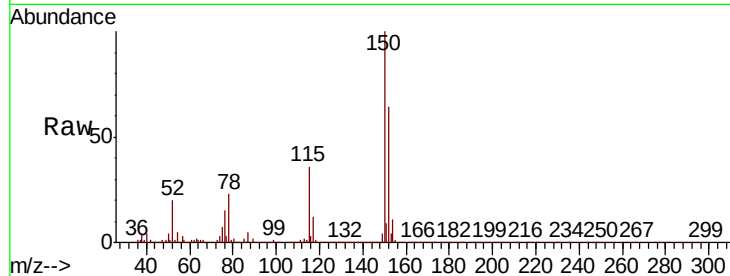




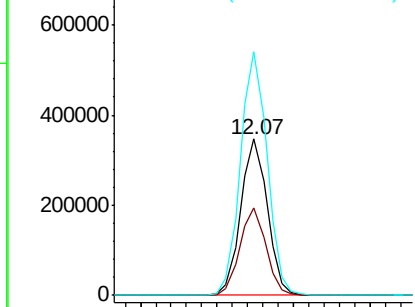
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013642.D
 Acq: 27 Nov 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127MBL01

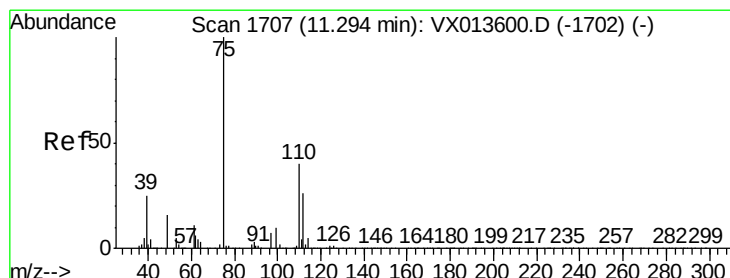
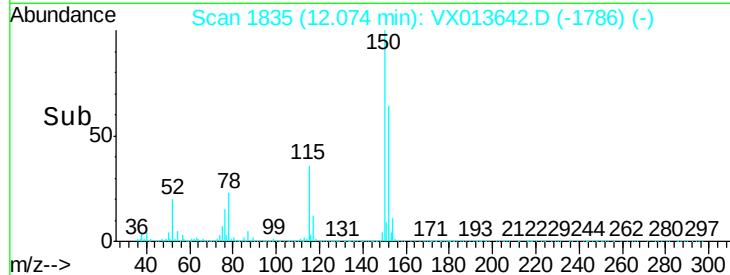
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.4	115.1
150	156.8	0.0	346.8



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

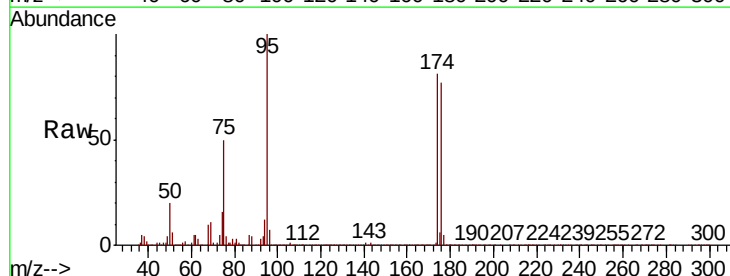


Time-->

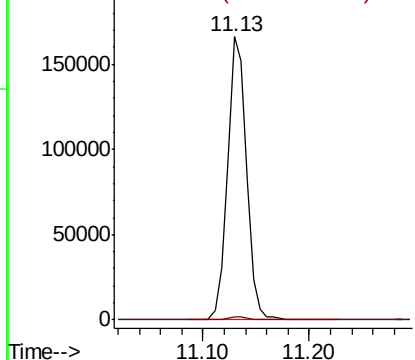


#76
 1,2,3-Trichloropropane
 Concen: 21.955 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013642.D
 Acq: 27 Nov 2019 10:58

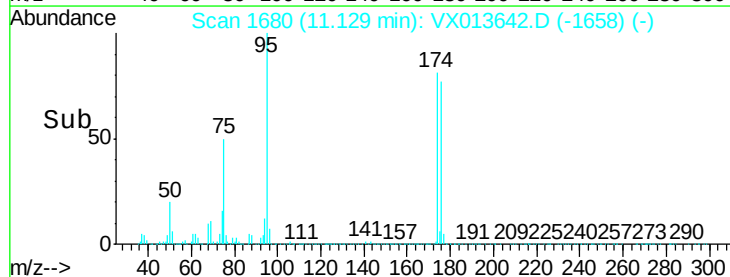
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.1	57.5#

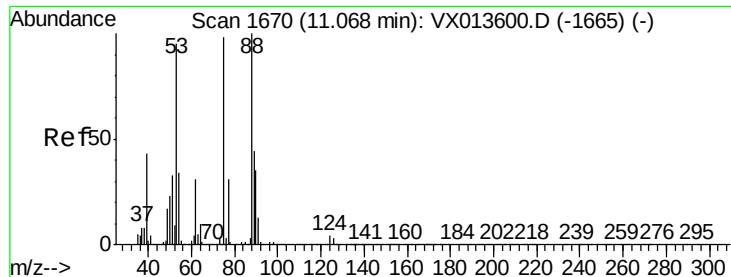


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0



Time-->

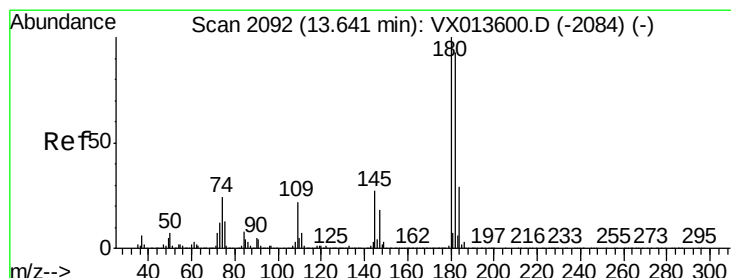
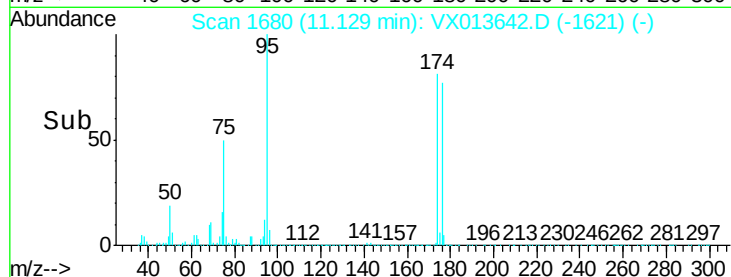
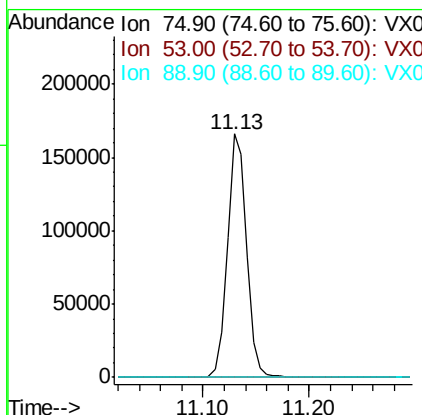
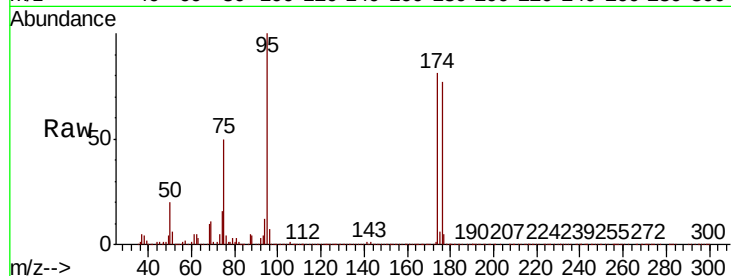




#81
trans-1,4-Dichloro-2-butene
Concen: 60.066 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013642.D
Acq: 27 Nov 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX1127MBL01

Tot Ion: 75 Resp: 206800
Ion Ratio Lower Upper
75 100
53 0.1 78.2 117.2#
89 0.0 35.4 53.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013642.D
Acq: 27 Nov 2019 10:58

Tgt Ion: 180 Resp: 2095
Ion Ratio Lower Upper
180 100
182 66.8 47.2 141.6
145 36.2 13.8 41.4

