

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013645.D
 Acq On : 27 Nov 2019 12:17
 Operator : JC/SP
 Sample : K5983-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 00:26:39 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	659199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1052746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	922102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	410515	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	379708	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
35) Dibromofluoromethane	5.49	113	312422	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	1235643	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	411499	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	

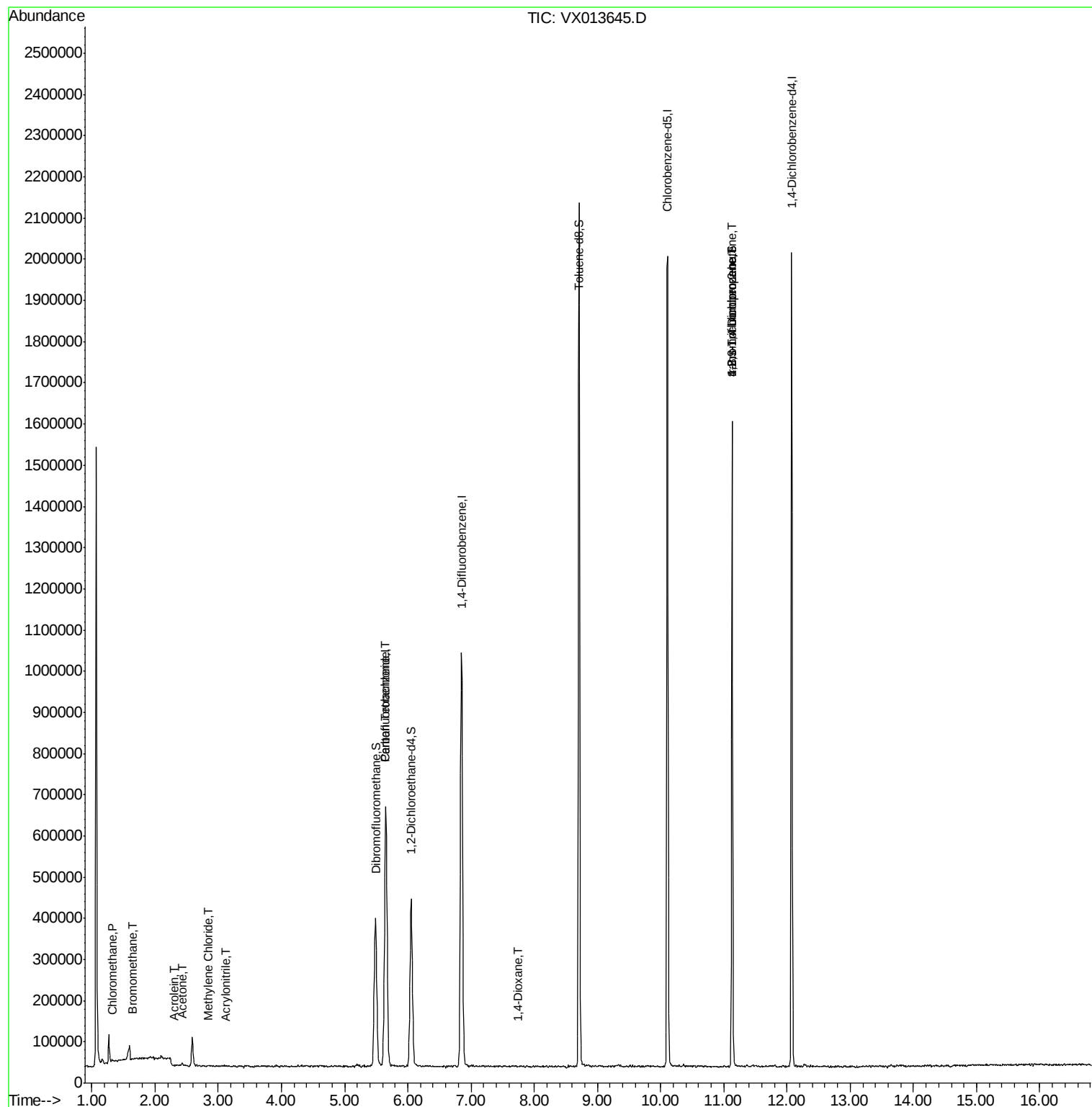
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2964	0.360	ug/l #	78
5) Bromomethane	1.66	94	1881	0.302	ug/l #	45
13) Acrolein	2.29	56	258	6.203	ug/l #	49
15) Acrylonitrile	3.12	53	1229	0.315	ug/l #	71
16) Acetone	2.44	43	5978	1.582	ug/l #	87
20) Methylene Chloride	2.85	84	2044	0.282	ug/l #	68
38) Carbon Tetrachloride	5.65	117	57385	6.512	ug/l #	16
49) 1,4-Dioxane	7.74	88	260	1.354	ug/l #	24
76) 1,2,3-Trichloropropane	11.13	75	202264	21.906	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	202264	59.931	ug/l #	11

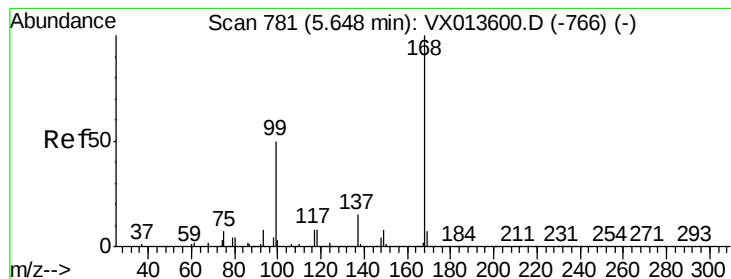
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112719\
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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# 782

Delta R.T. 0.01 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

Instrument :

MSVOA_X

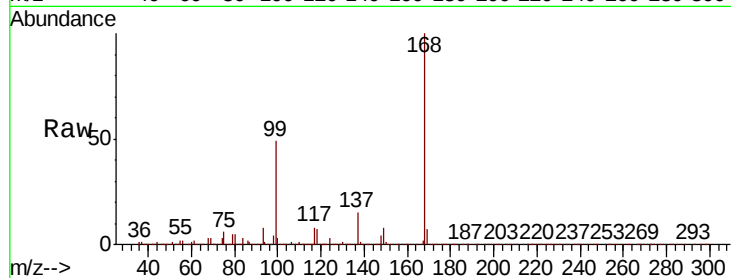
ClientSampleId :

Tot Ion:168 Resp: 659199

Ion Ratio Lower Upper

168 100

99 49.1 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

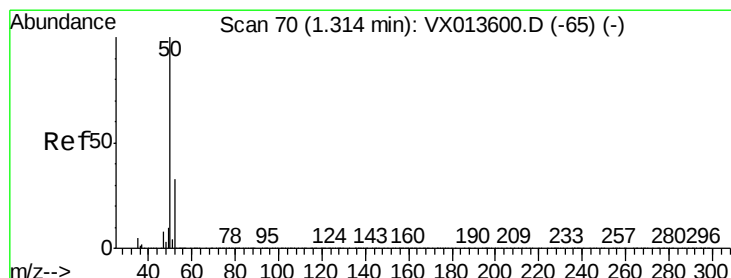
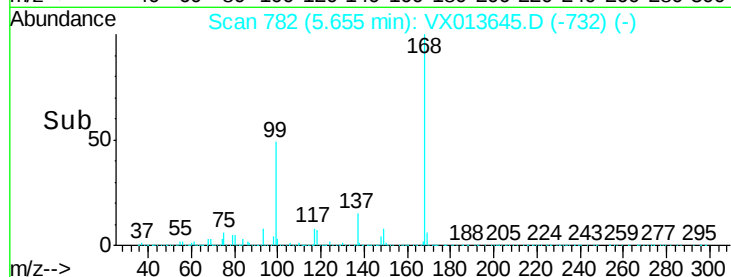
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.360 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013645.D

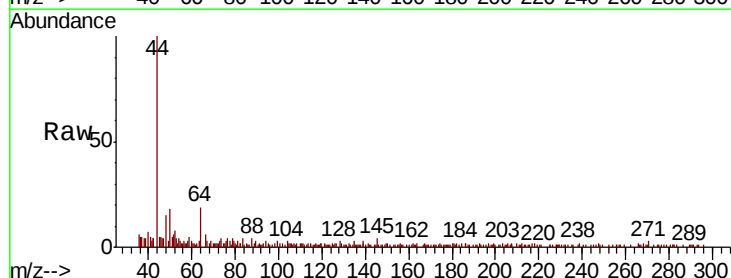
Acq: 27 Nov 2019 12:17

Tgt Ion: 50 Resp: 2964

Ion Ratio Lower Upper

50 100

52 45.1 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

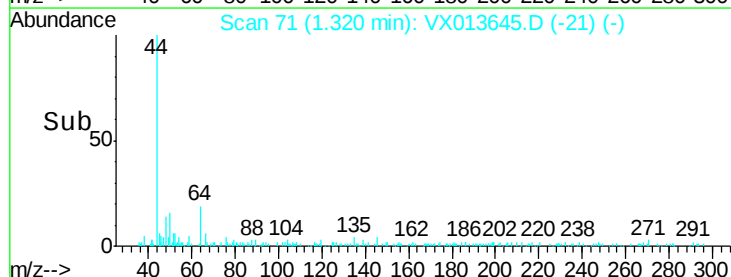
1500

1000

500

0

Time-->





#5

Bromomethane

Concen: 0.302 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

Instrument :

MSVOA_X

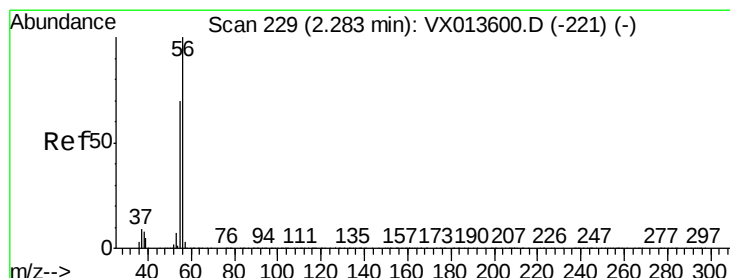
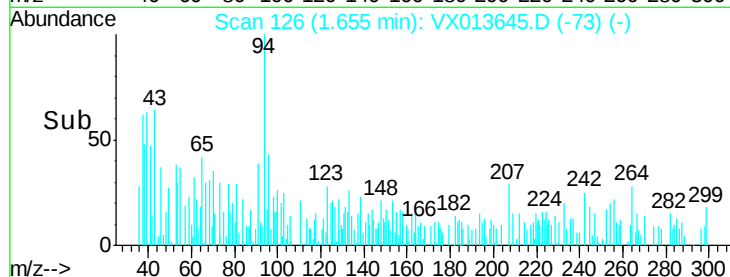
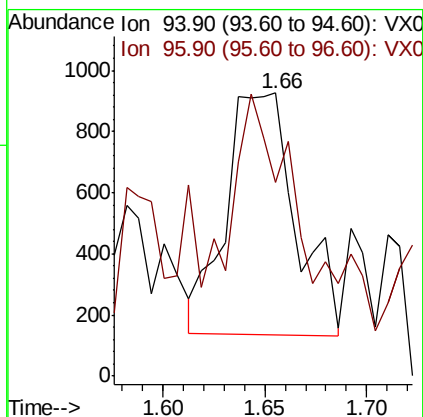
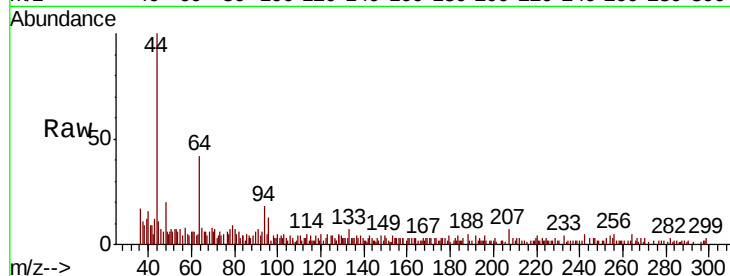
ClientSampleId :

Tot Ion: 94 Resp: 1881

Ion Ratio Lower Upper

94 100

96 42.8 77.0 115.4#



#13

Acrolein

Concen: 6.203 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX013645.D

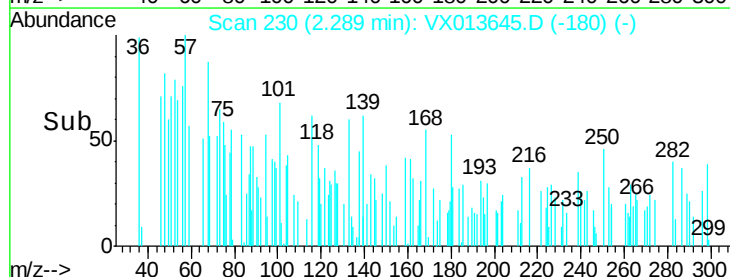
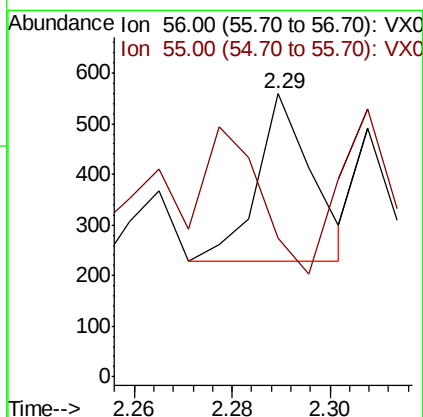
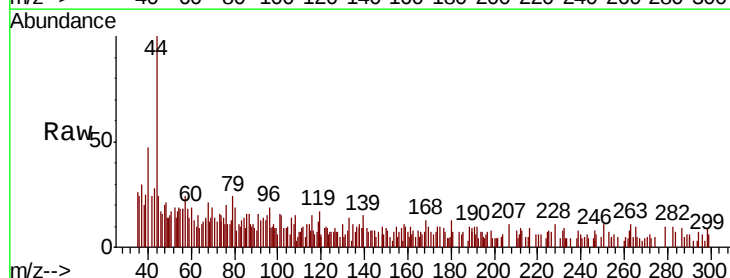
Acq: 27 Nov 2019 12:17

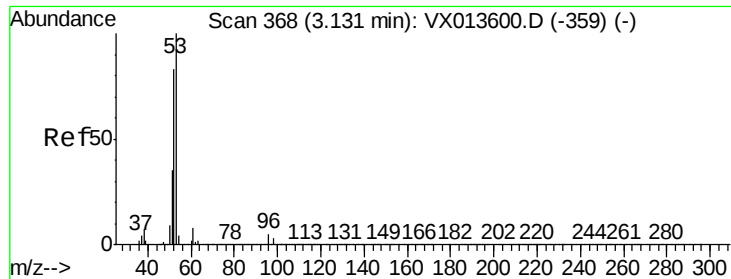
Tgt Ion: 56 Resp: 258

Ion Ratio Lower Upper

56 100

55 112.4 56.2 84.4#





#15

Acrylonitrile

Concen: 0.315 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.01 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

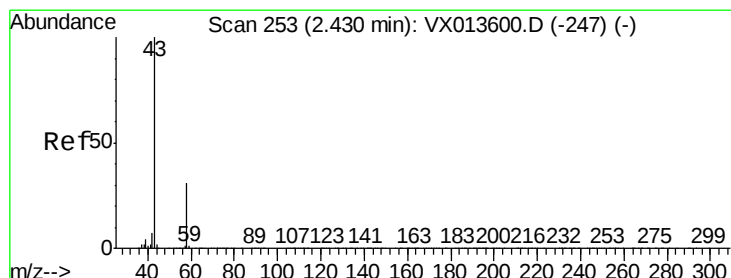
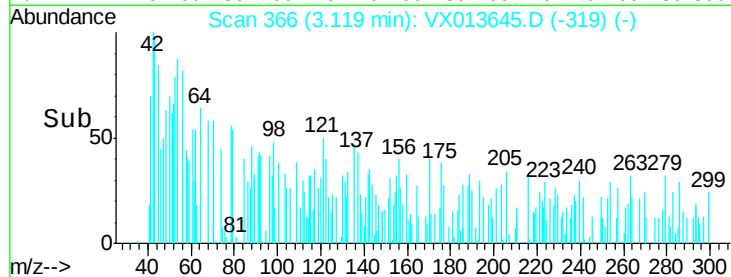
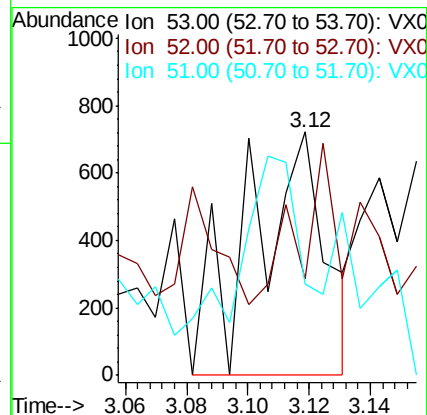
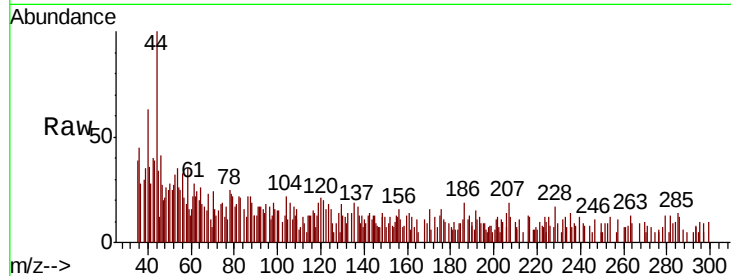
Tot Ion: 53 Resp: 1229

Ion Ratio Lower Upper

53 100

52 50.0 66.2 99.2#

51 43.4 29.0 43.6



#16

Acetone

Concen: 1.582 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013645.D

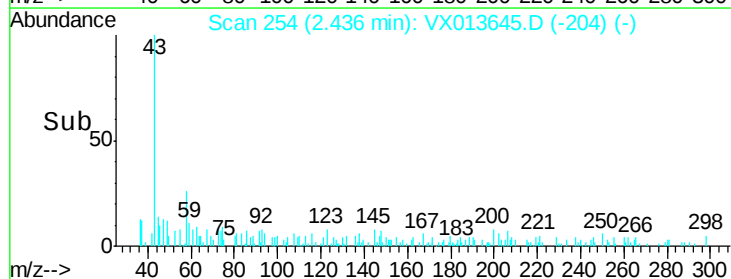
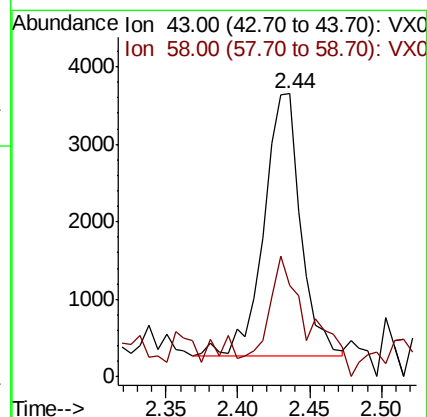
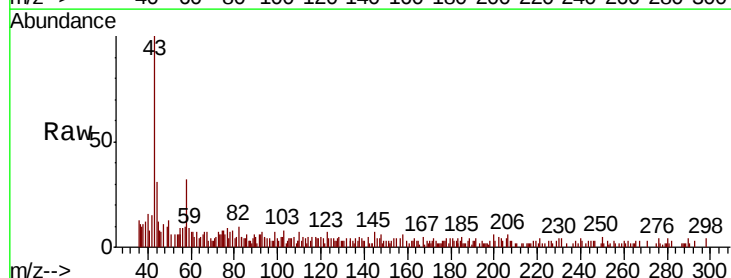
Acq: 27 Nov 2019 12:17

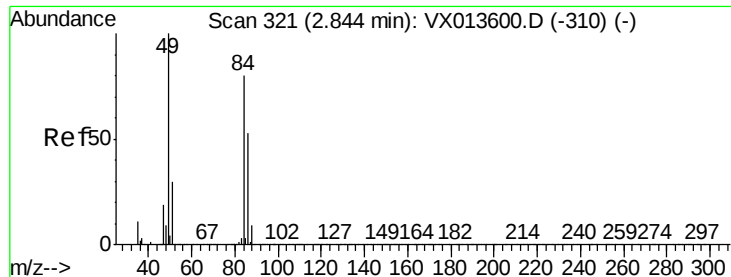
Tgt Ion: 43 Resp: 5978

Ion Ratio Lower Upper

43 100

58 23.4 24.6 36.8#

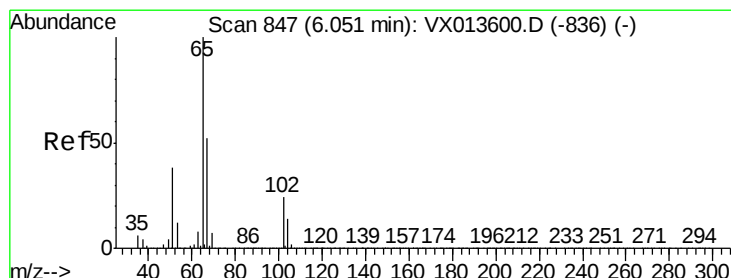
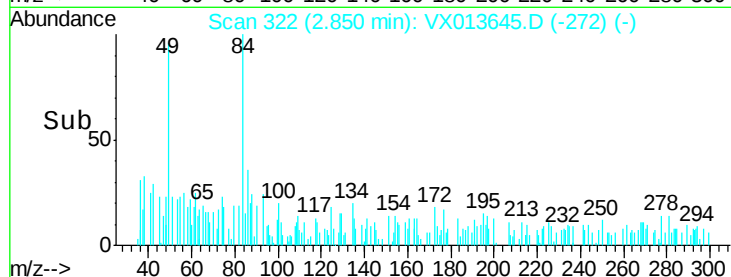
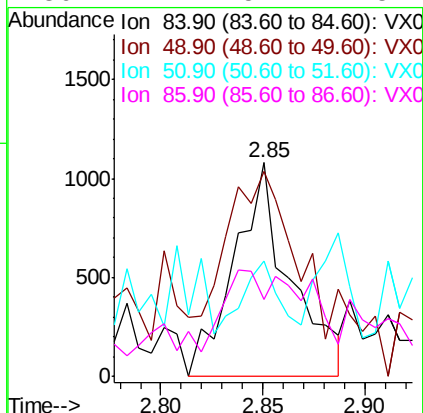
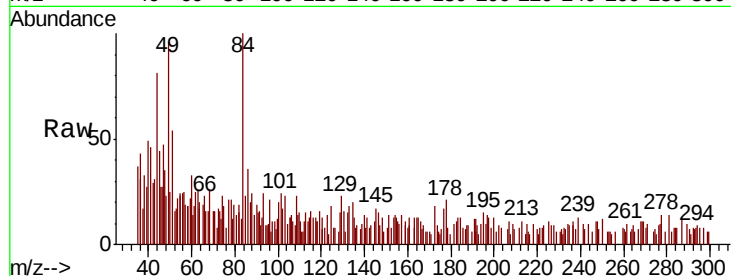




#20
Methvlene Chloride
Concen: 0.282 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013645.D
Acq: 27 Nov 2019 12:17

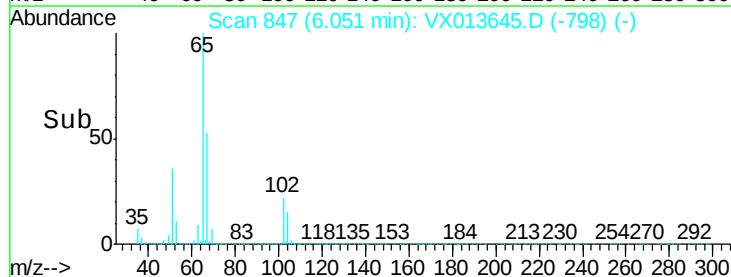
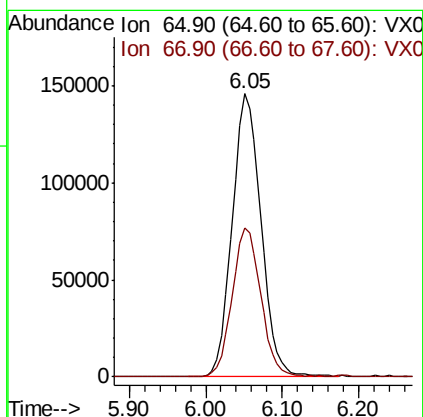
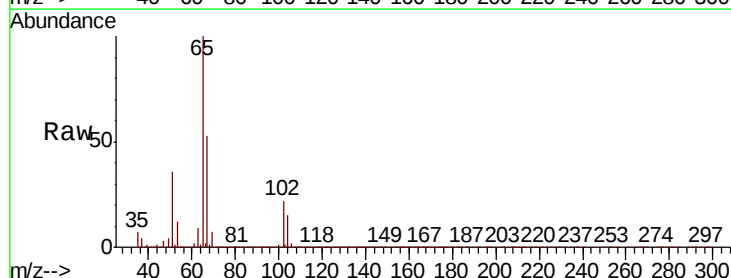
Instrument :
MSVOA_X
ClientSampled :

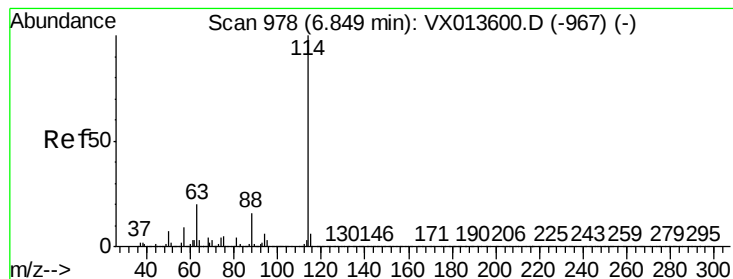
Tot Ion: 84 Resp: 2044
Ion Ratio Lower Upper
84 100
49 88.8 99.7 149.5#
51 33.1 29.9 44.9
86 27.1 52.2 78.4#



#33
1,2-Dichloroethane-d4
Concen: 49.623 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013645.D
Acq: 27 Nov 2019 12:17

Tgt Ion: 65 Resp: 379708
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

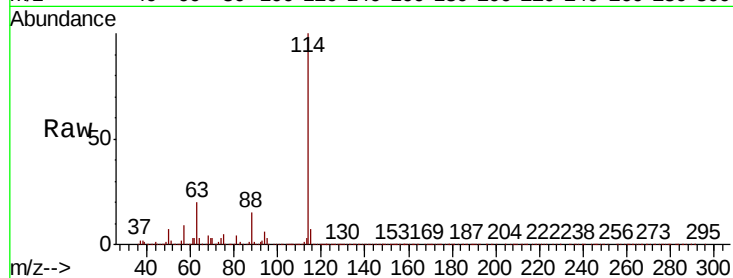
Tot Ion:114 Resp: 1052746

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

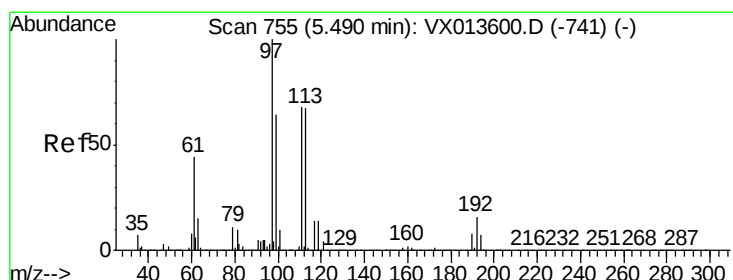
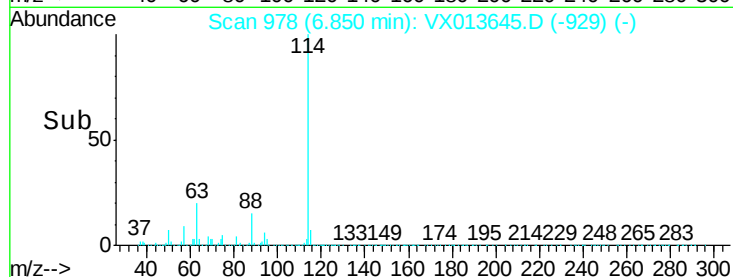
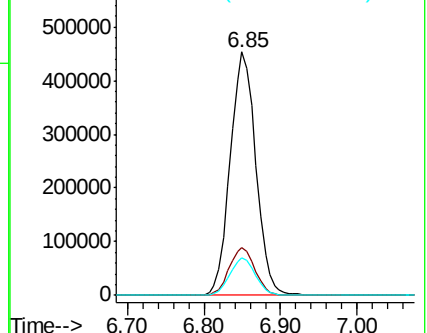
88 15.4 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 48.004 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

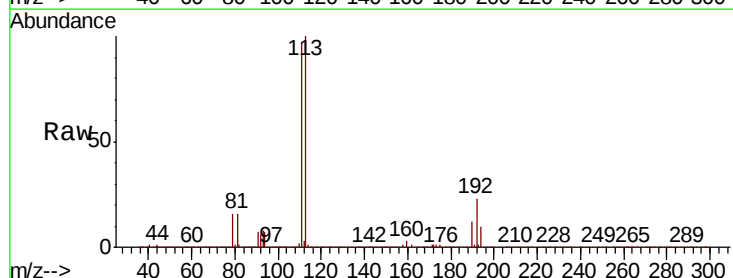
Tgt Ion:113 Resp: 312422

Ion Ratio Lower Upper

113 100

111 102.3 83.6 125.4

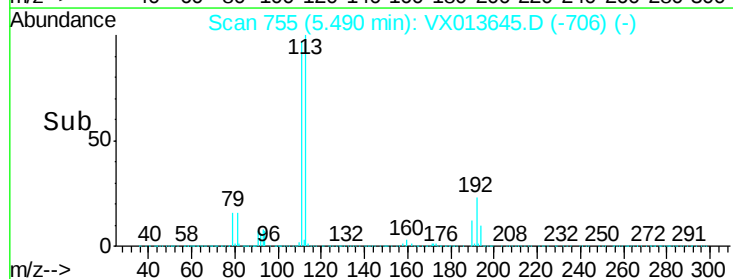
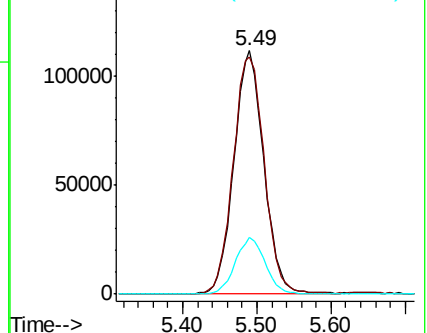
192 23.6 19.2 28.8

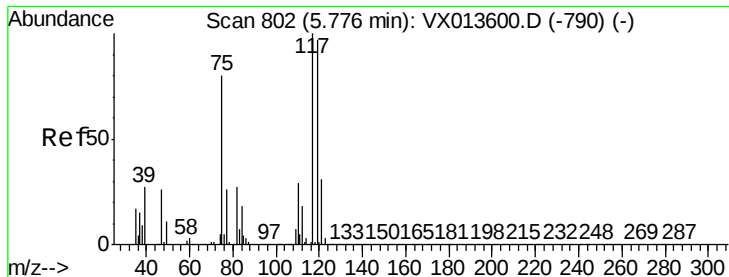


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 6.512 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

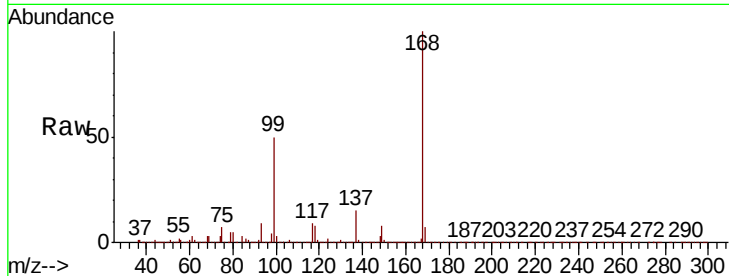
Tot Ion:117 Resp: 57385

Ion Ratio Lower Upper

117 100

119 5.3 77.5 116.3#

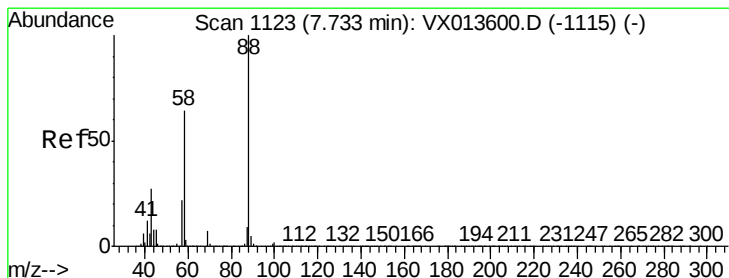
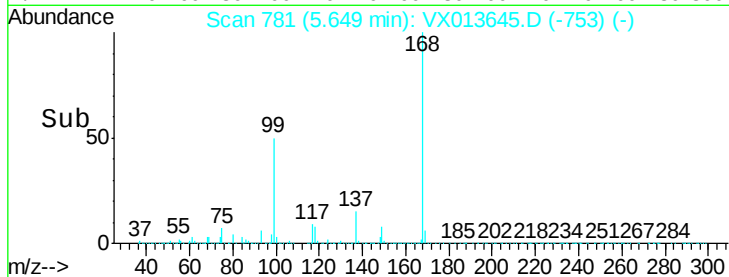
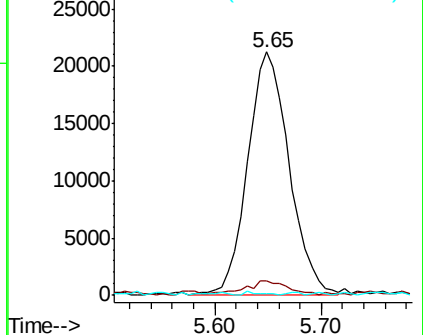
121 0.0 25.0 37.6#



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



#49

1,4-Dioxane

Concen: 1.354 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

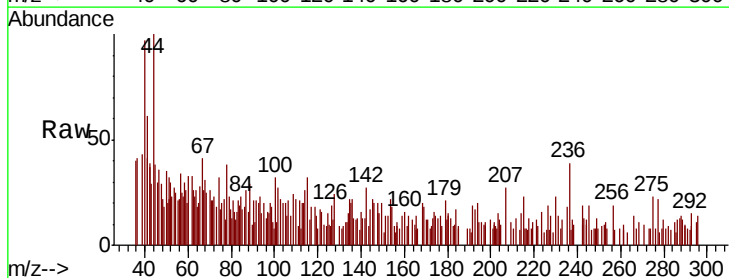
Tgt Ion: 88 Resp: 260

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

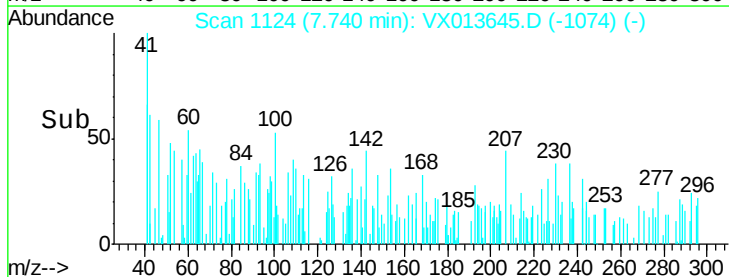
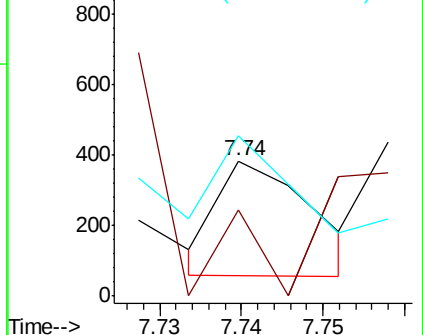
58 0.0 54.6 82.0#

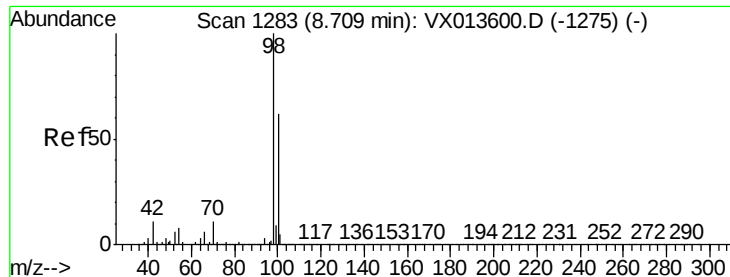


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.730 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

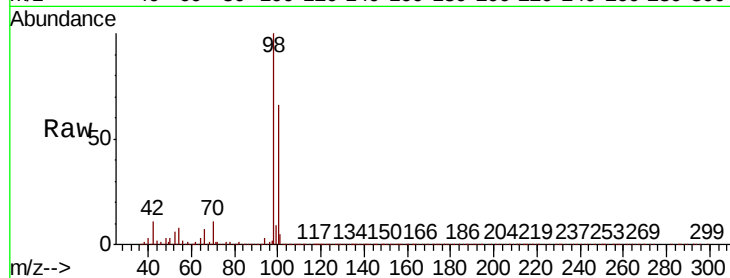
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 1235643

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

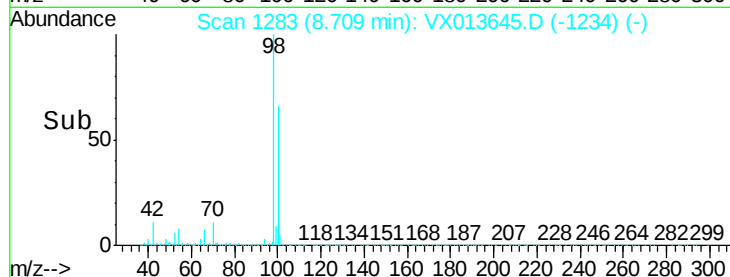
600000

400000

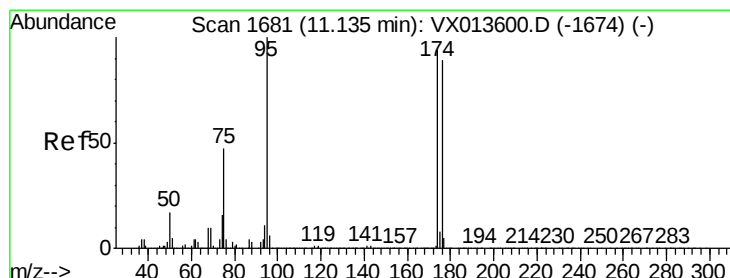
200000

0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 45.004 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

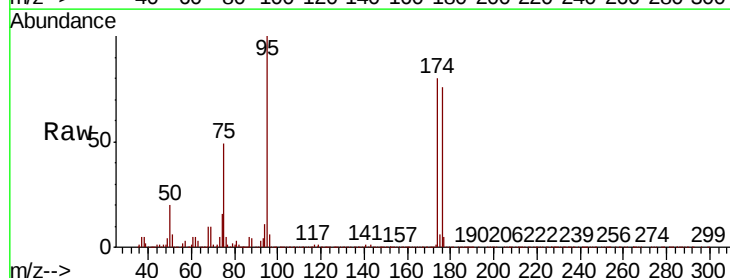
Tgt Ion: 95 Resp: 411499

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 86.6 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

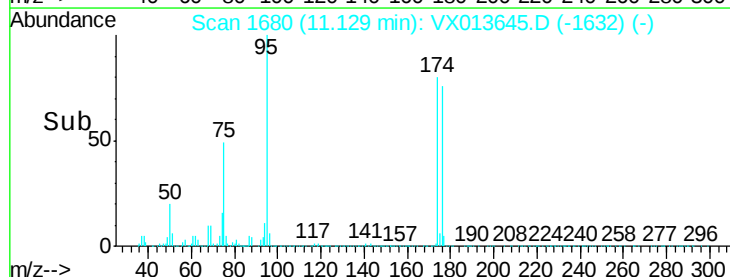
300000

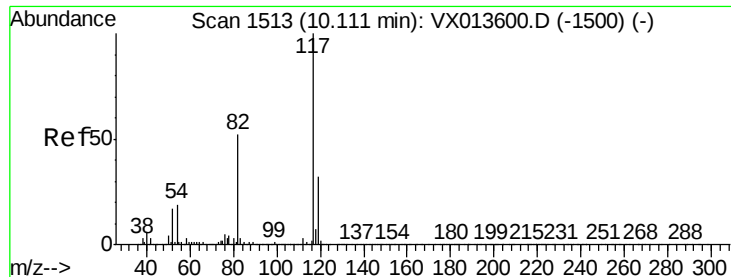
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

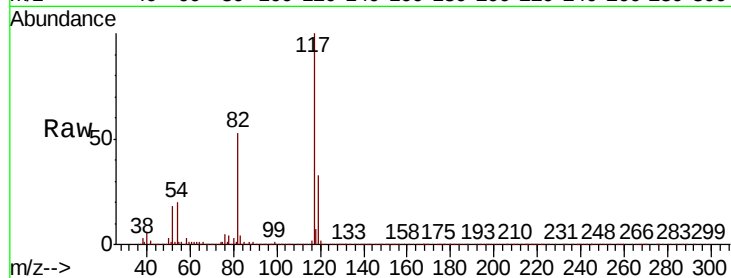
Tot Ion:117 Resp: 922102

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

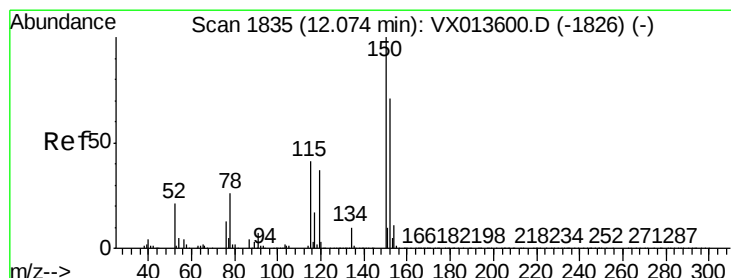
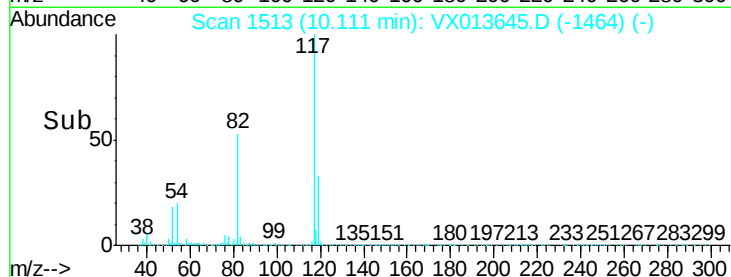
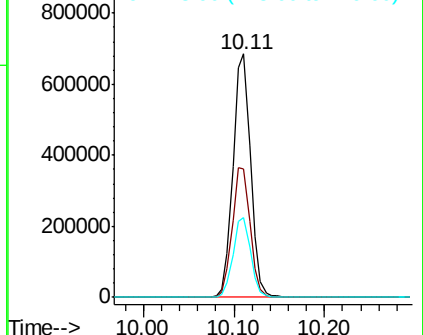
119 32.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013645.D

Acq: 27 Nov 2019 12:17

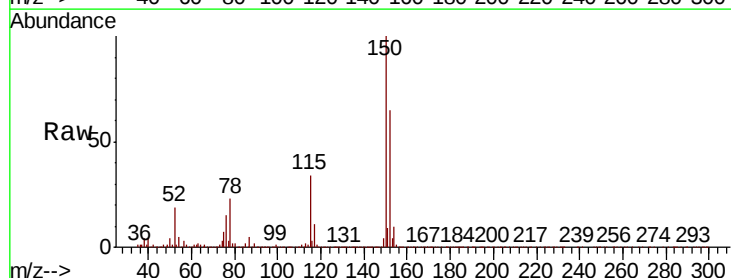
Tgt Ion:152 Resp: 410515

Ion Ratio Lower Upper

152 100

115 53.9 38.4 115.1

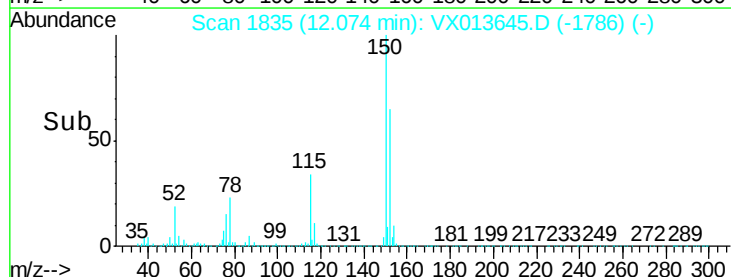
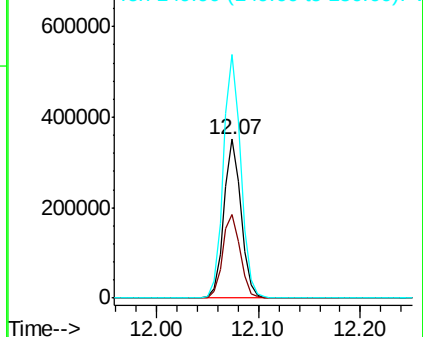
150 156.3 0.0 346.8

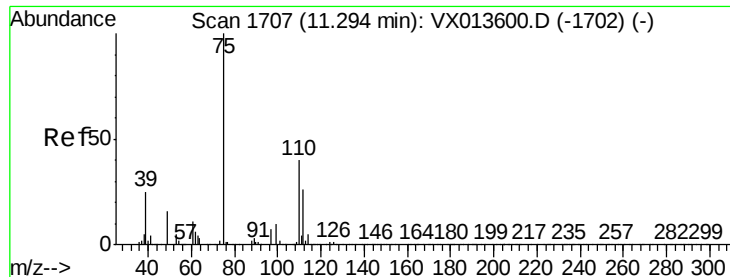


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

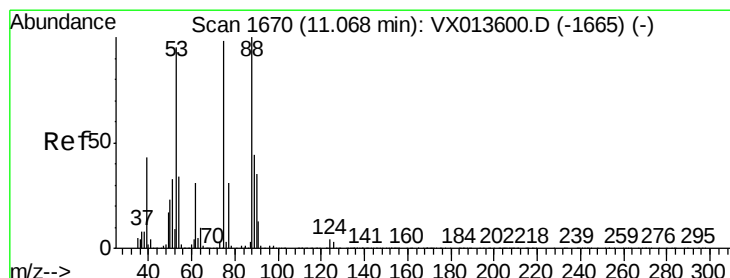
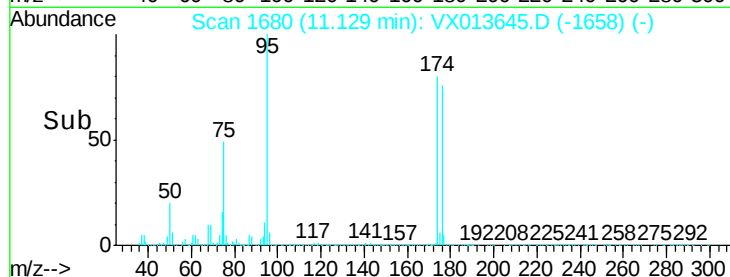
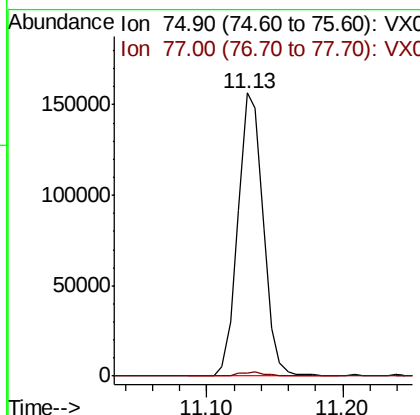
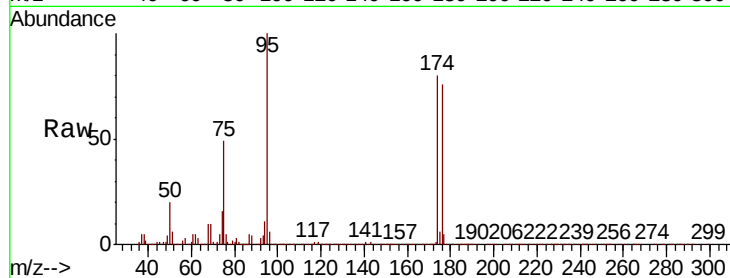




#76
 1,2,3-Trichloropropane
 Concen: 21.906 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013645.D
 Acq: 27 Nov 2019 12:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 202264
 Ion Ratio Lower Upper
 75 100
 77 1.7 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.931 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013645.D
 Acq: 27 Nov 2019 12:17

Tgt Ion: 75 Resp: 202264
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.2 117.2#
 89 0.2 35.4 53.2#

