

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013102.D
 Acq On : 17 Oct 2019 13:14
 Operator : JC/SP
 Sample : VX1017MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBL01

Quant Time: Oct 18 08:01:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105427	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
35) Dibromofluoromethane	5.49	113	83373	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
50) Toluene-d8	8.71	98	322728	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.14	95	102996	42.16	ug/l	0.00
Spiked Amount			Recovery	=	84.32%	

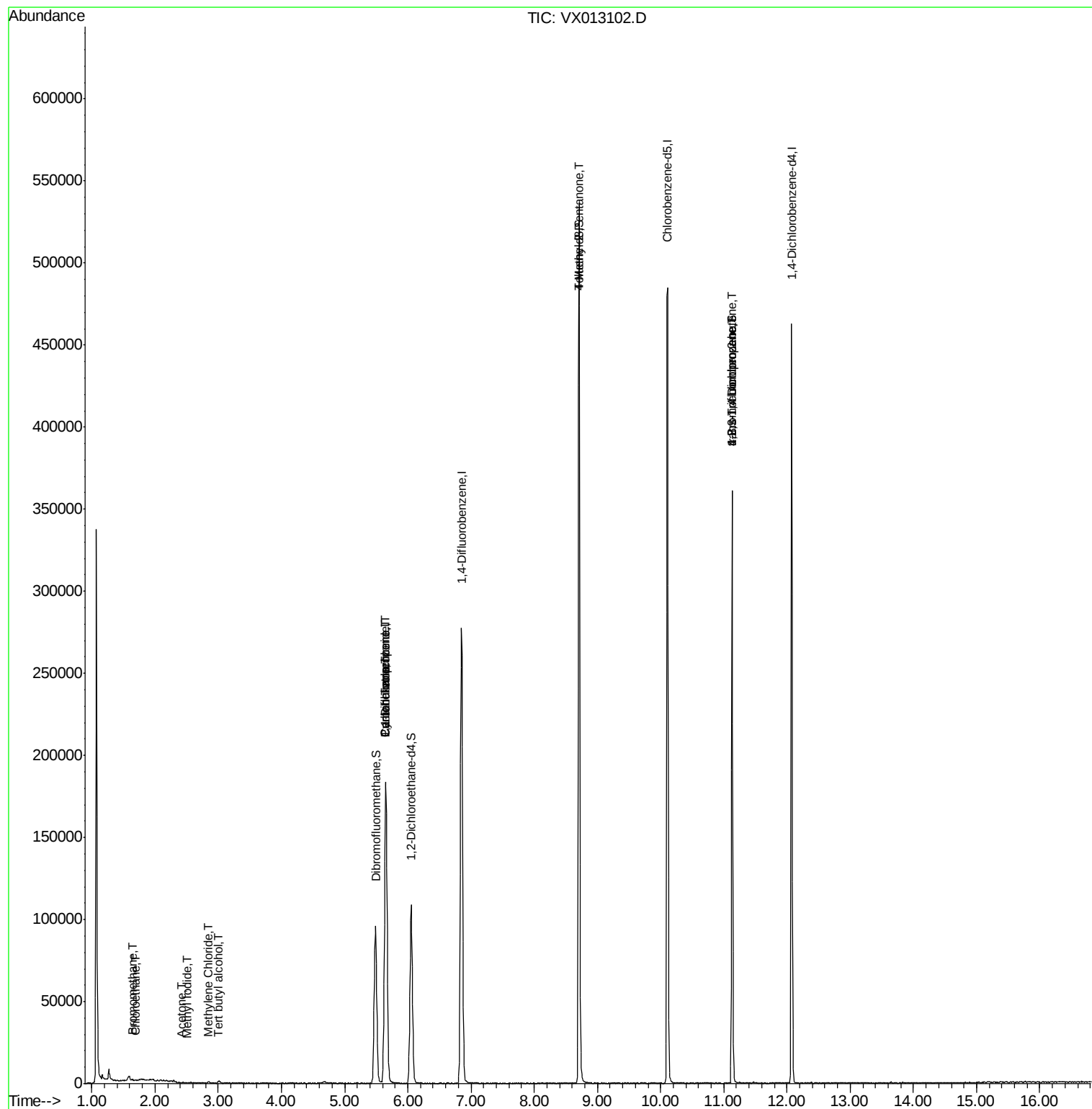
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	436	0.523	ug/l #	73
6) Chloroethane	1.69	64	132	0.474	ug/l #	43
10) Methyl Iodide	2.51	142	317	5.225	ug/l #	40
11) Tert butyl alcohol	3.01	59	1085	1.868	ug/l #	72
16) Acetone	2.42	43	427	0.370	ug/l	94
20) Methylene Chloride	2.84	84	583	0.275	ug/l #	56
31) Cyclohexane	5.64	56	3455	1.086	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	13075	5.295	ug/l #	50
38) Carbon Tetrachloride	5.65	117	17524	7.291	ug/l #	15
51) 4-Methyl-2-Pentanone	8.71	43	1443	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	51459	26.451	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	51459	66.547	ug/l #	10

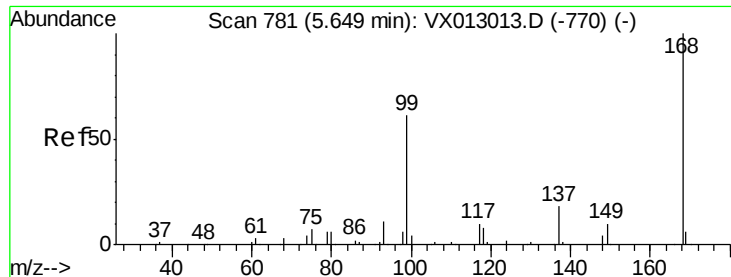
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101719\
Data File : VX013102.D
Acq On : 17 Oct 2019 13:14
Operator : JC/SP
Sample : VX1017MBL01
Misc : 5.0µL/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX1017MBL01

Quant Time: Oct 18 08:01:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013102.D

Acq: 17 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

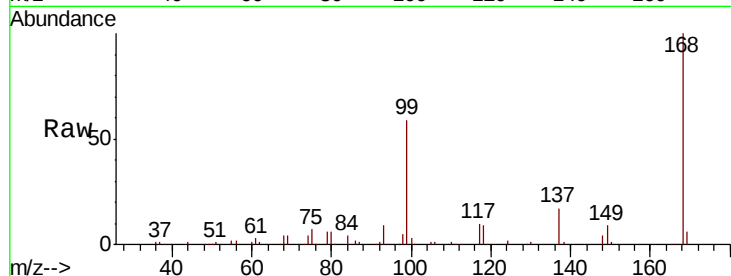
VX1017MBL01

Tot Ion:168 Resp: 175297

Ion Ratio Lower Upper

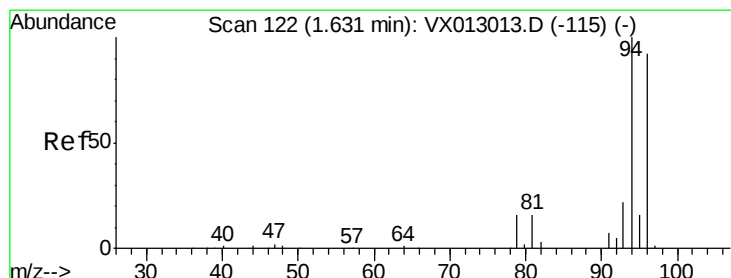
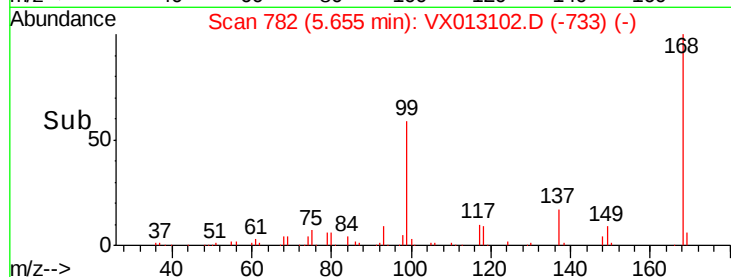
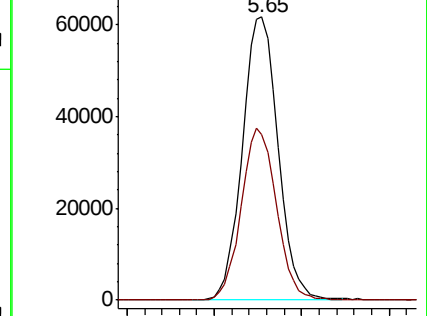
168 100

99 58.6 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.523 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX013102.D

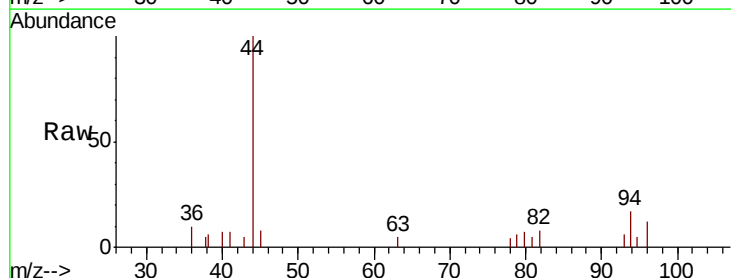
Acq: 17 Oct 2019 13:14

Tgt Ion: 94 Resp: 436

Ion Ratio Lower Upper

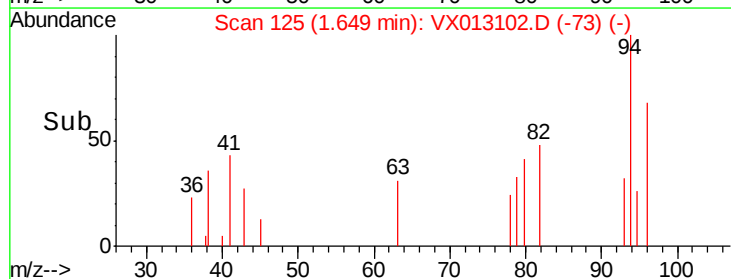
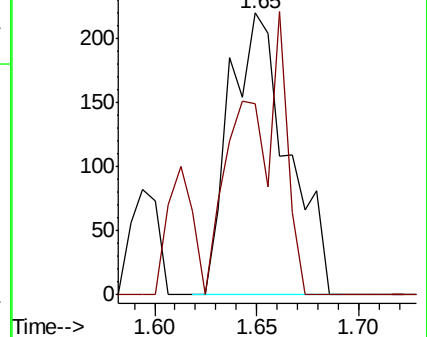
94 100

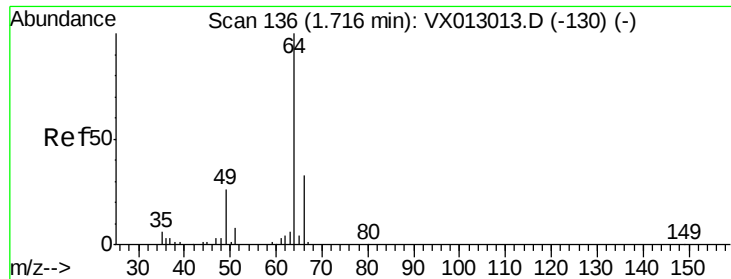
96 67.7 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.474 ug/l

RT: 1.69 min Scan# 131

Delta R.T. -0.02 min

Lab File: VX013102.D

Acq: 17 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

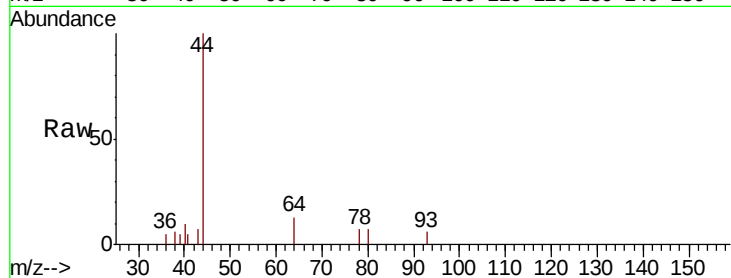
VX1017MBL01

Tot Ion: 64 Resp: 132

Ion Ratio Lower Upper

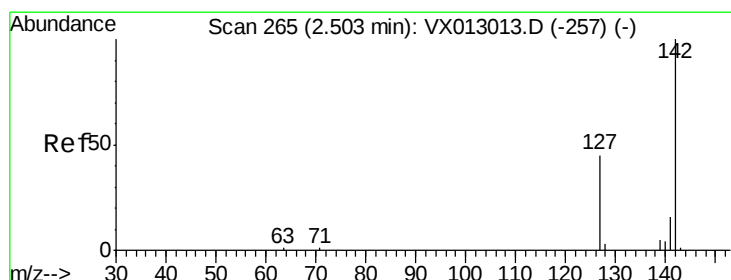
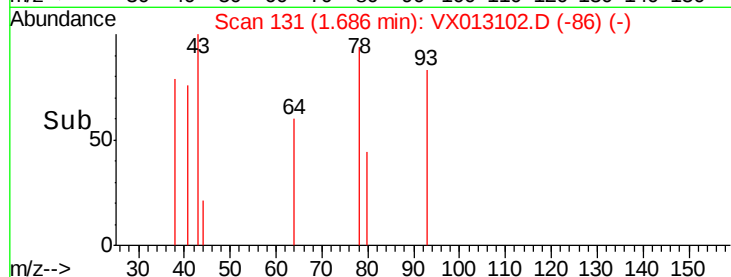
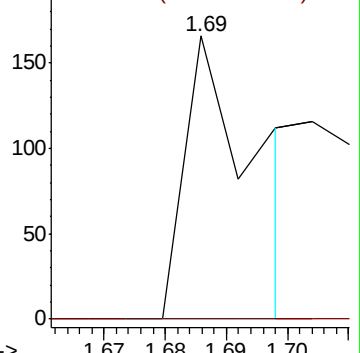
64 100

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



#10

Methyl Iodide

Concen: 5.225 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX013102.D

Acq: 17 Oct 2019 13:14

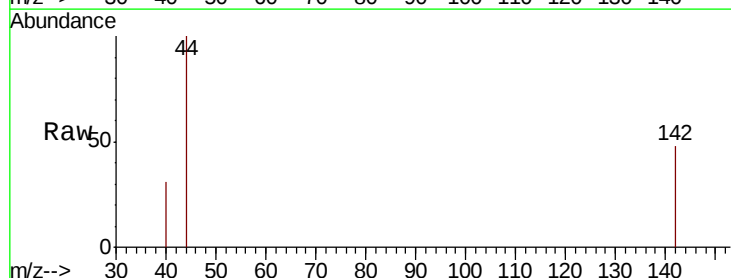
Tgt Ion: 142 Resp: 317

Ion Ratio Lower Upper

142 100

127 0.0 34.9 52.3#

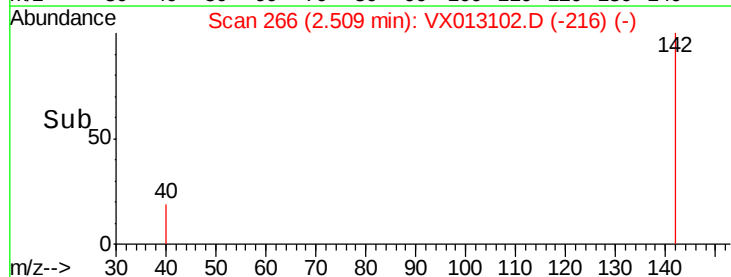
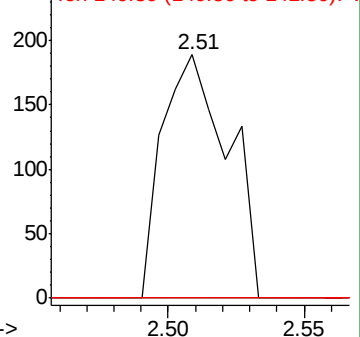
141 0.0 11.6 17.4#

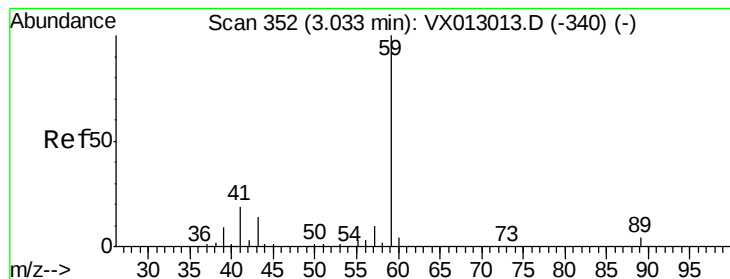


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



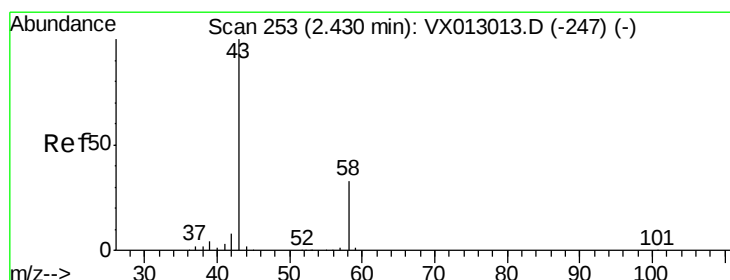
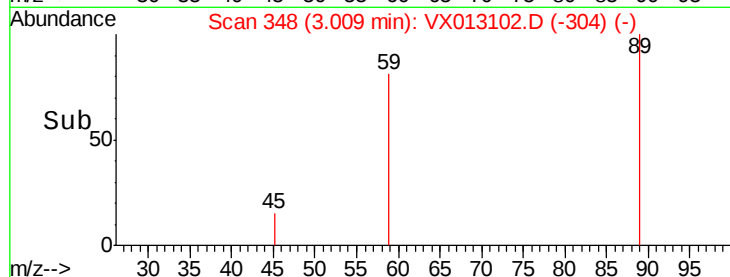
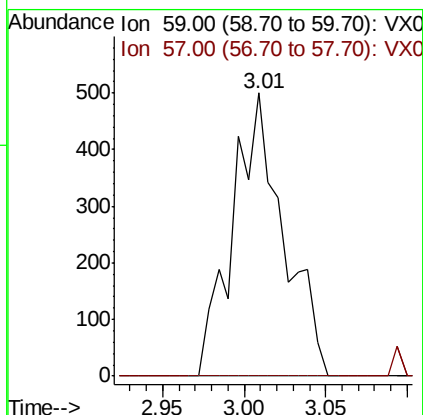
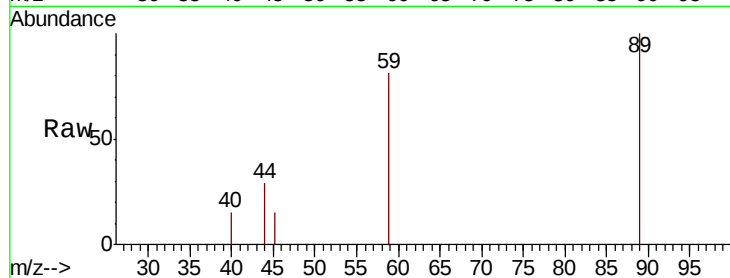


#11

Tert butyl alcohol
 Concen: 1.868 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.03 min
 Lab File: VX013102.D
 Acq: 17 Oct 2019 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX1017MBL01

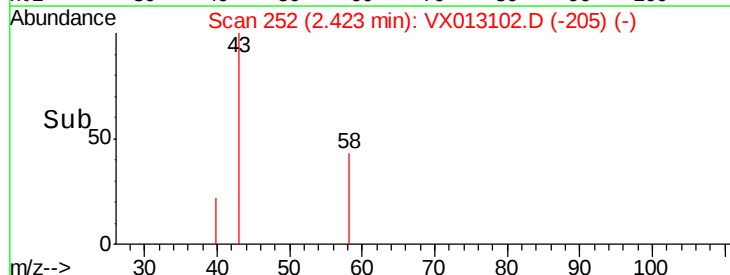
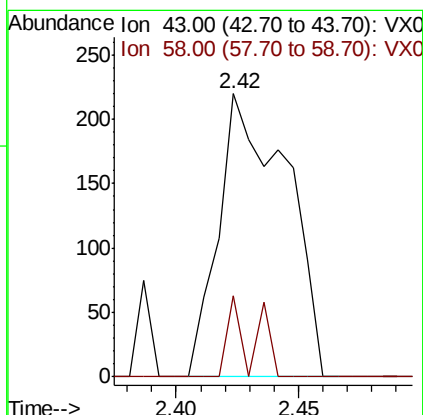
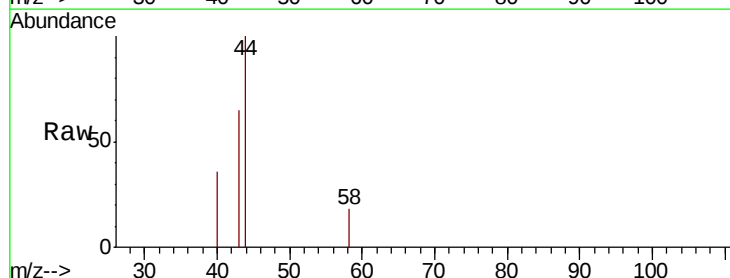
Tot Ion: 59 Resp: 1085
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

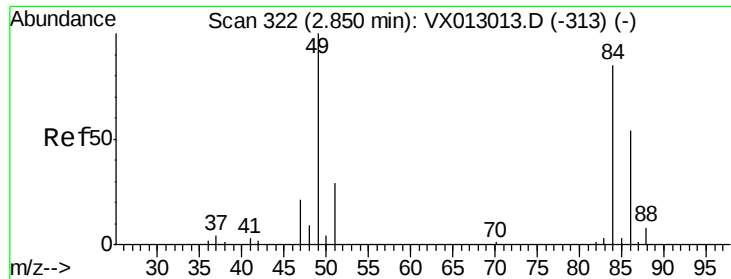


#16

Acetone
 Concen: 0.370 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. -0.01 min
 Lab File: VX013102.D
 Acq: 17 Oct 2019 13:14

Tgt Ion: 43 Resp: 427
 Ion Ratio Lower Upper
 43 100
 58 28.6 25.4 38.2

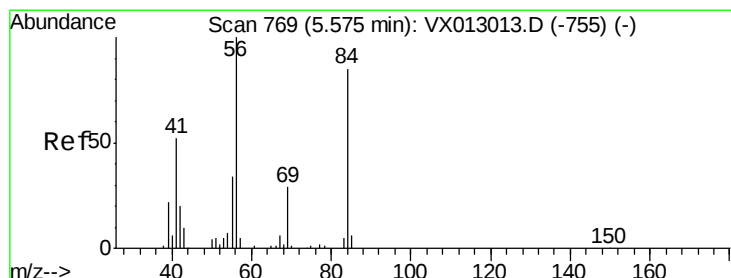
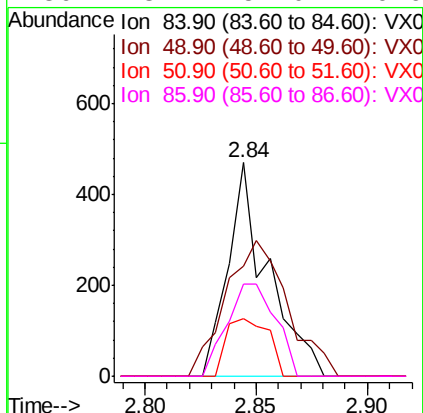
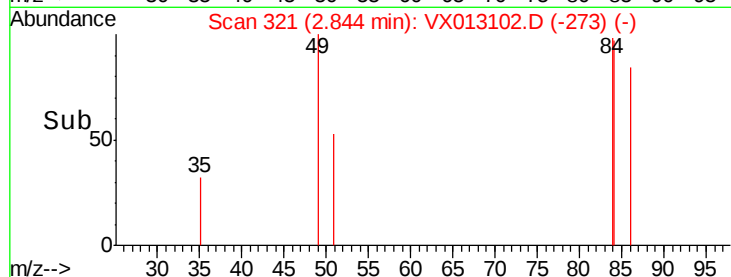
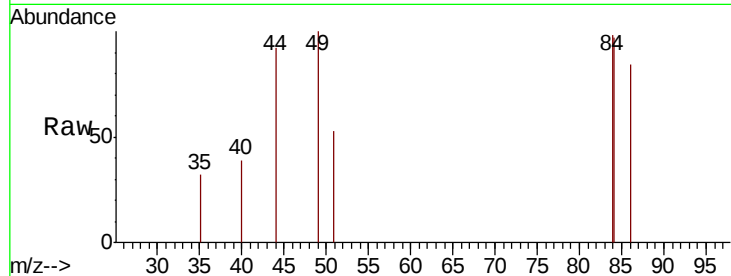




#20
Methvlene Chloride
Concen: 0.275 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013102.D
Acq: 17 Oct 2019 13:14

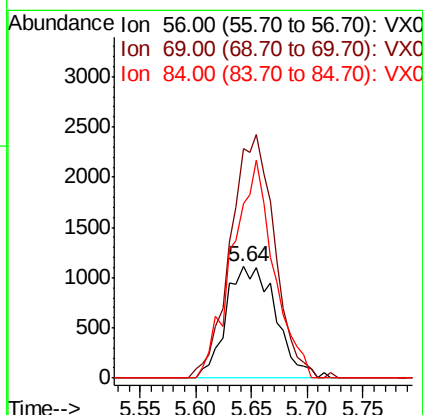
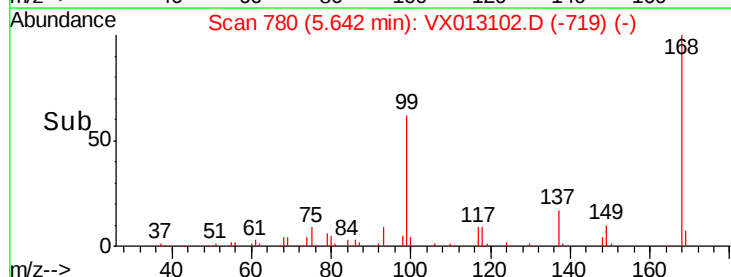
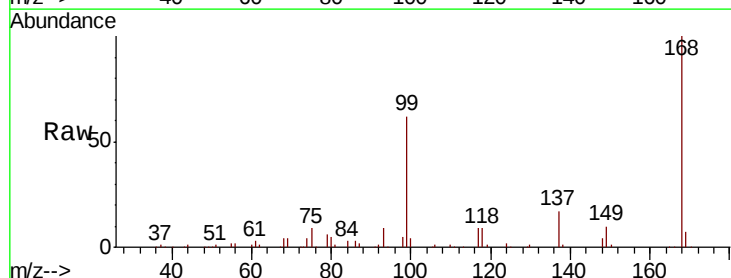
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

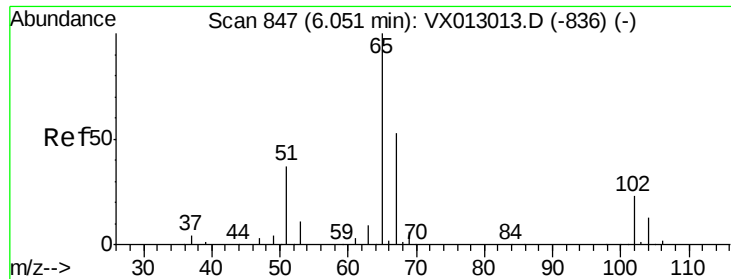
Tot Ion: 84 Resp: 583
Ion Ratio Lower Upper
84 100
49 51.5 96.6 144.8#
51 27.2 30.7 46.1#
86 43.4 51.0 76.6#



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX013102.D
Acq: 17 Oct 2019 13:14

Tgt Ion: 56 Resp: 3455
Ion Ratio Lower Upper
56 100
69 205.7 25.2 37.8#
84 156.0 71.3 106.9#

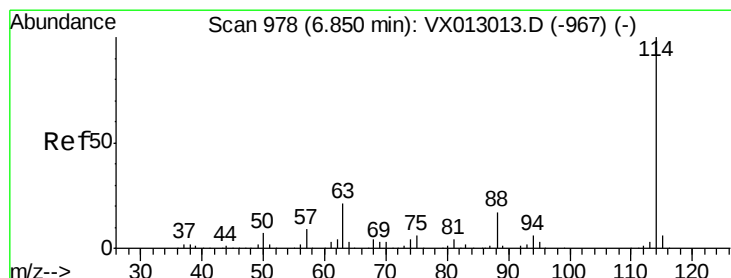
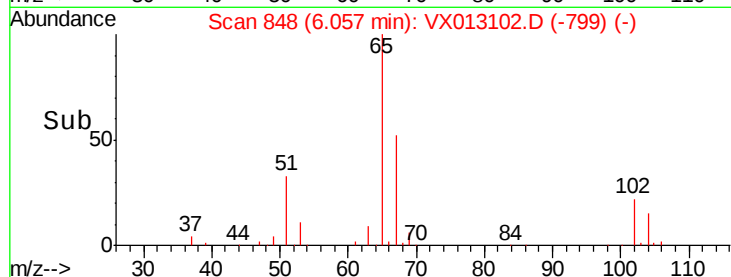
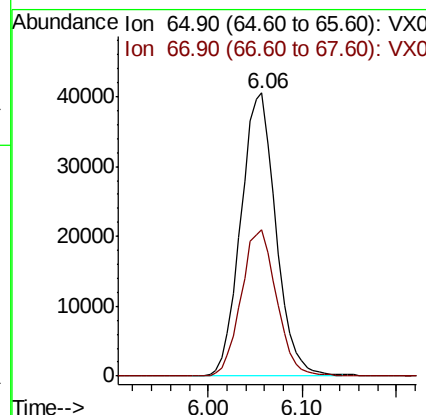
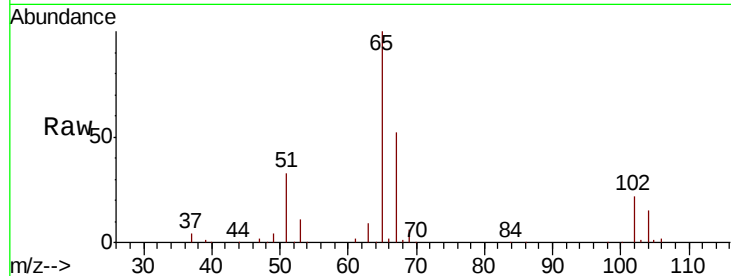




#33
 1,2-Dichloroethane-d4
 Concen: 48.118 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX013102.D
 Acq: 17 Oct 2019 13:14

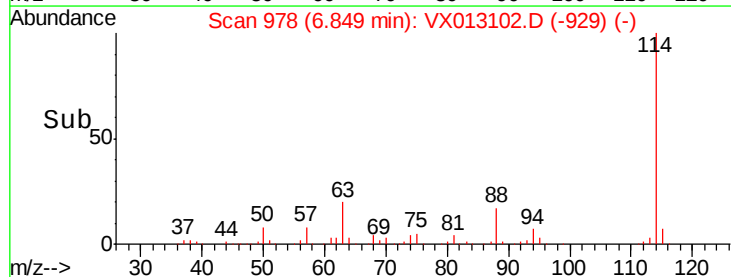
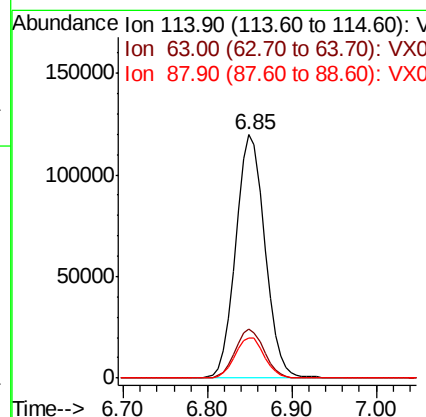
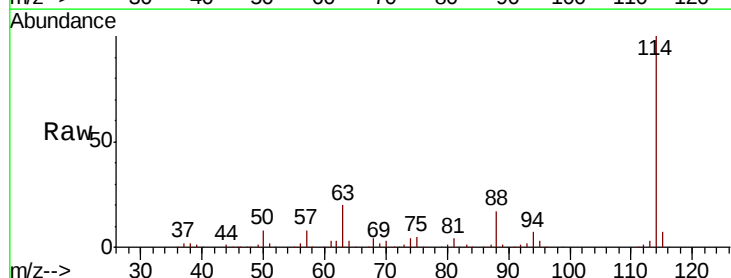
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBL01

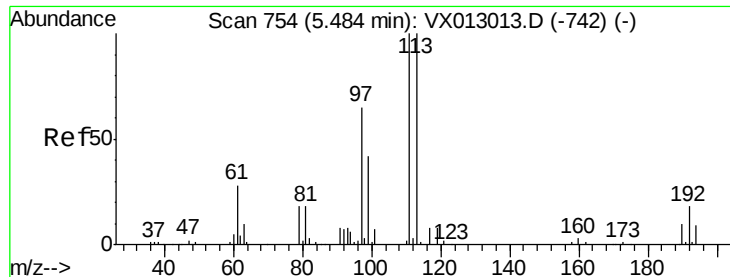
Tot Ion: 65 Resp: 105427
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013102.D
 Acq: 17 Oct 2019 13:14

Tgt Ion: 114 Resp: 280854
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.6 0.0 33.8

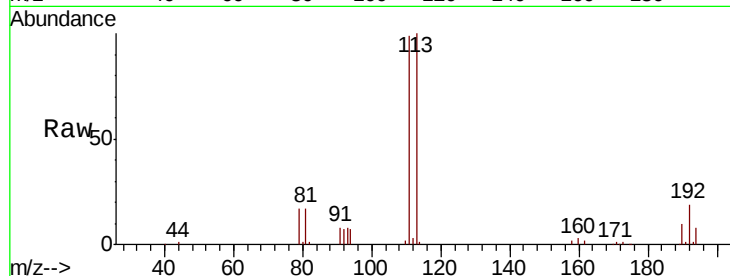




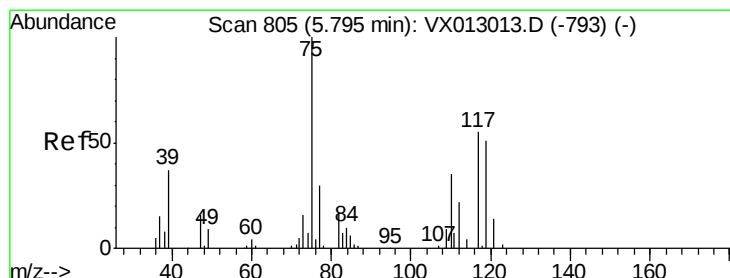
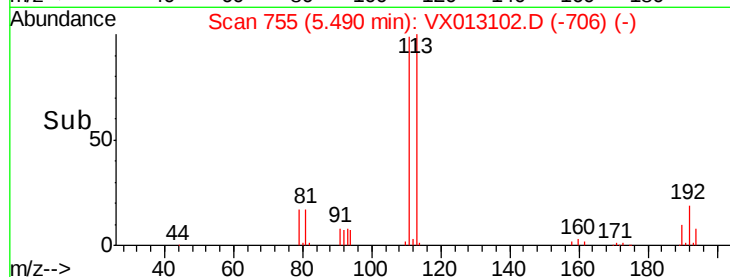
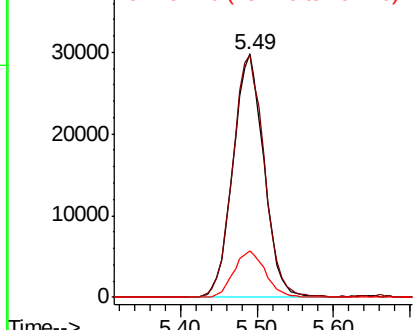
#35
Dibromofluoromethane
Concen: 51.722 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013102.D
Acq: 17 Oct 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

Tot Ion:113 Resp: 83373
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 19.3 15.4 23.2

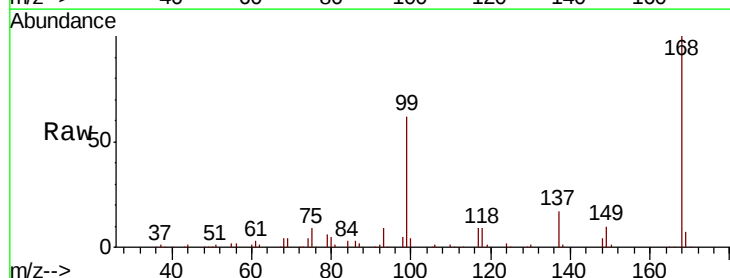


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

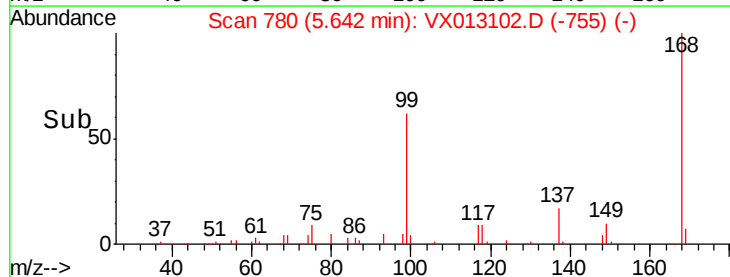
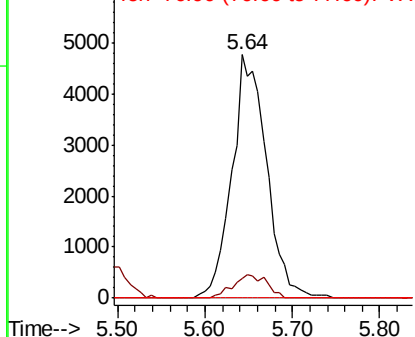


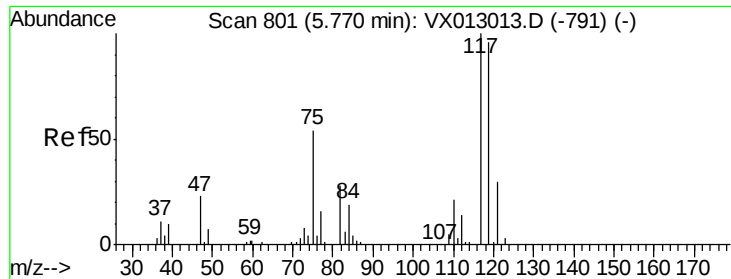
#36
1,1-Dichloropropene
Concen: 5.295 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX013102.D
Acq: 17 Oct 2019 13:14

Tgt Ion: 75 Resp: 13075
Ion Ratio Lower Upper
75 100
110 9.2 17.6 52.9#
77 0.0 24.4 36.6#



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

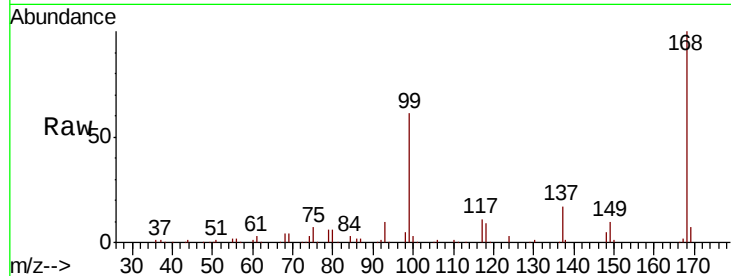




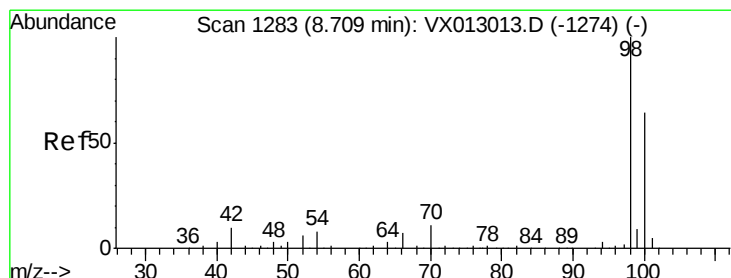
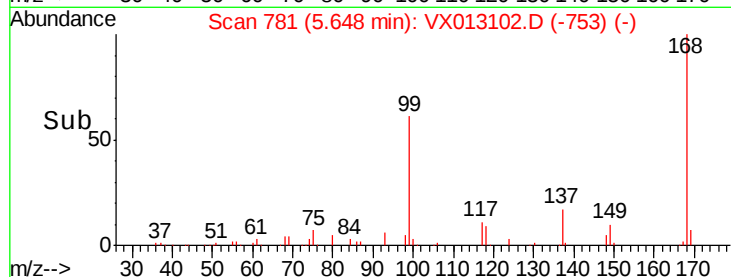
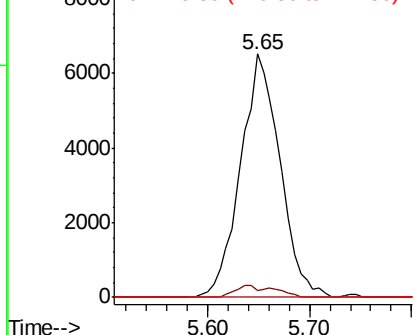
#38
Carbon Tetrachloride
Concen: 7.291 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013102.D
Acq: 17 Oct 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

Tot Ion:117 Resp: 17524
Ion Ratio Lower Upper
117 100
119 2.7 74.5 111.7#
121 0.0 24.2 36.4#

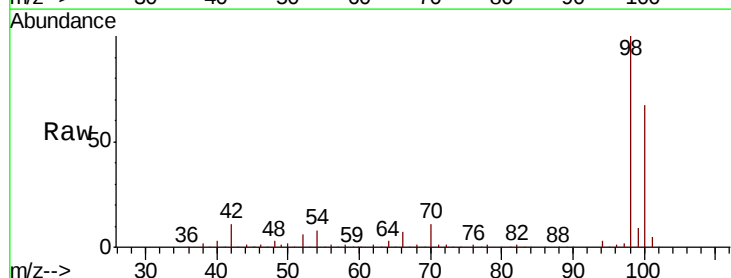


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

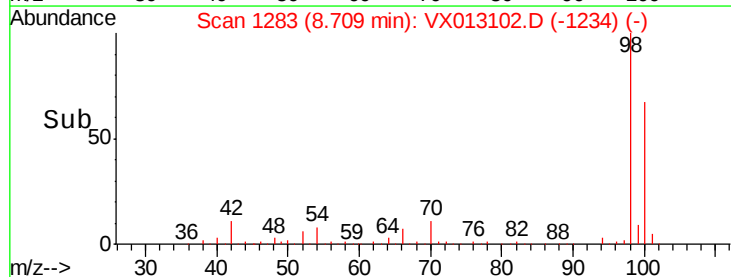
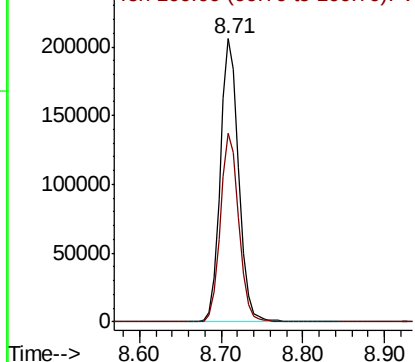


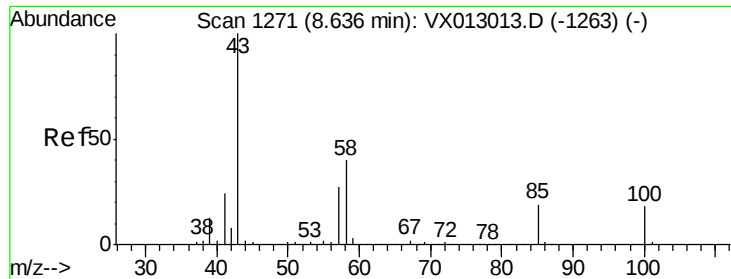
#50
Toluene-d8
Concen: 51.333 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013102.D
Acq: 17 Oct 2019 13:14

Tgt Ion: 98 Resp: 322728
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.522 ug/l

RT: 8.71 min Scan# 1284

Delta R.T. 0.08 min

Lab File: VX013102.D

Acq: 17 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

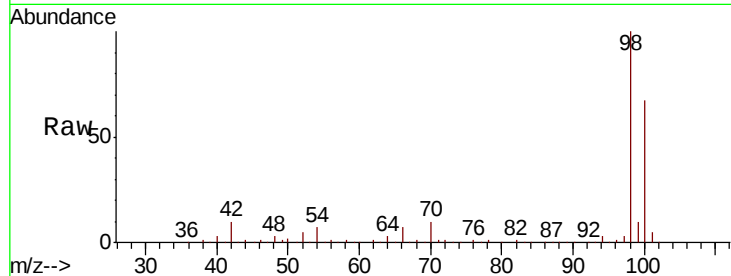
VX1017MBL01

Tot Ion: 43 Resp: 1443

Ion Ratio Lower Upper

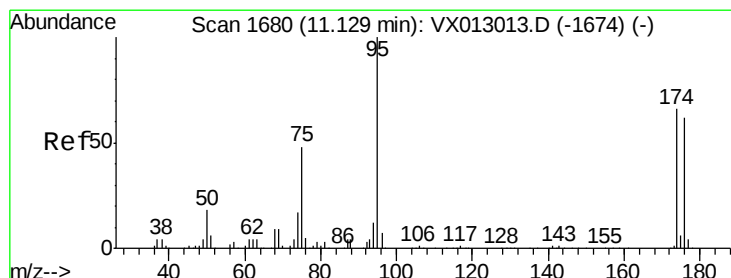
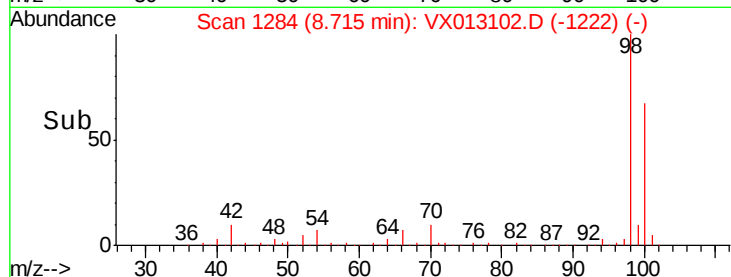
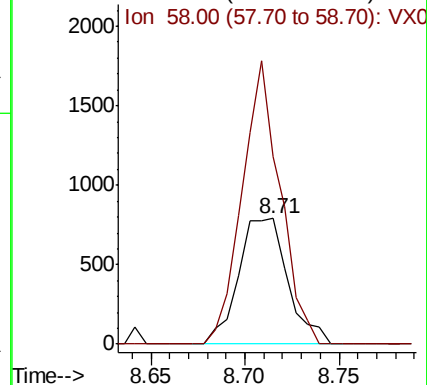
43 100

58 172.8 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.162 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013102.D

Acq: 17 Oct 2019 13:14

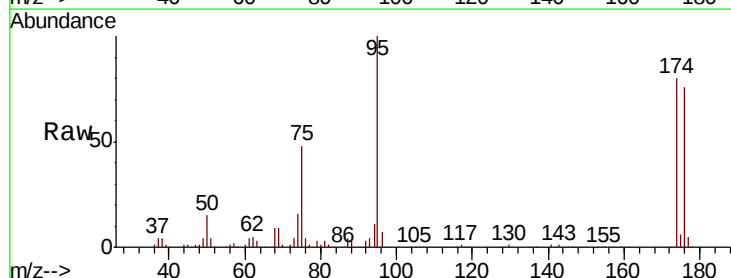
Tgt Ion: 95 Resp: 102996

Ion Ratio Lower Upper

95 100

174 76.2 0.0 143.4

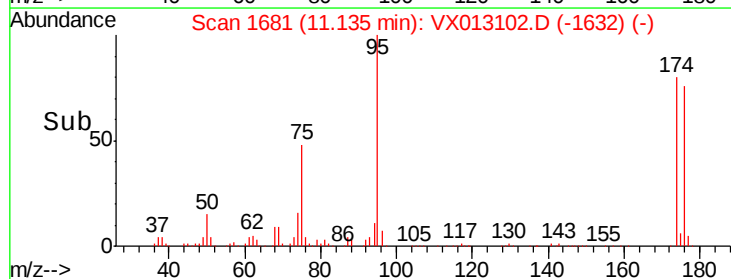
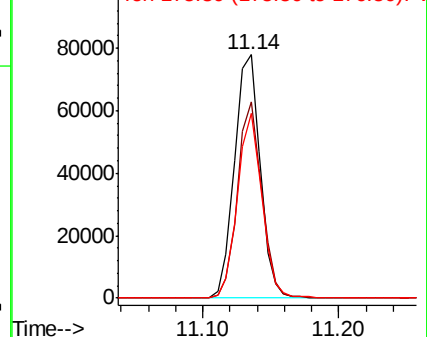
176 72.1 0.0 136.0

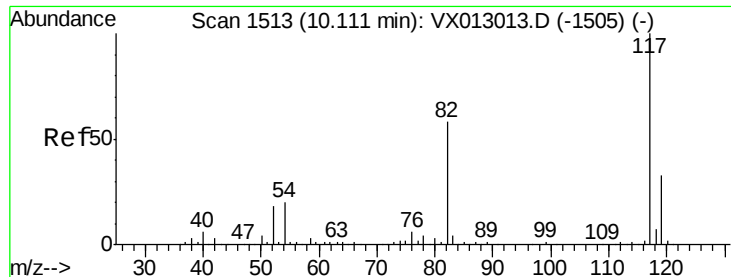


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

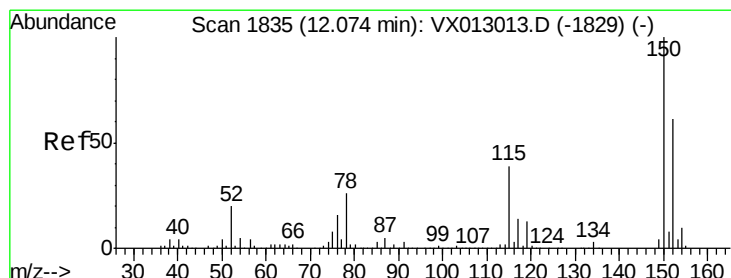
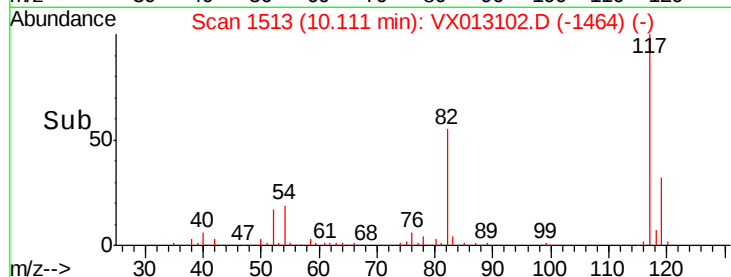
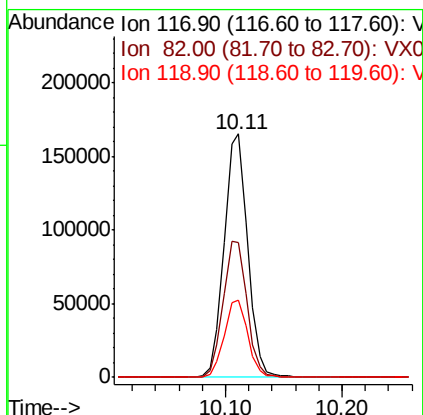
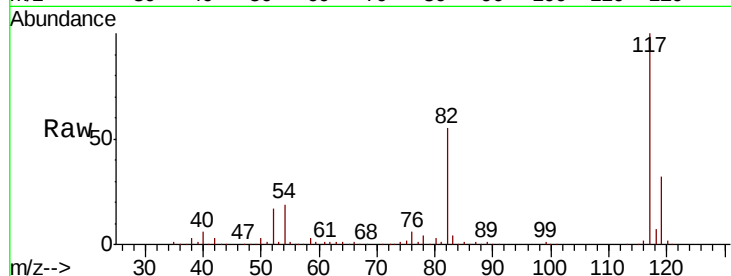




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013102.D
Acq: 17 Oct 2019 13:14

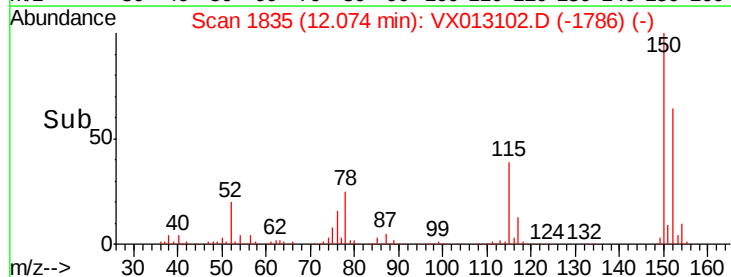
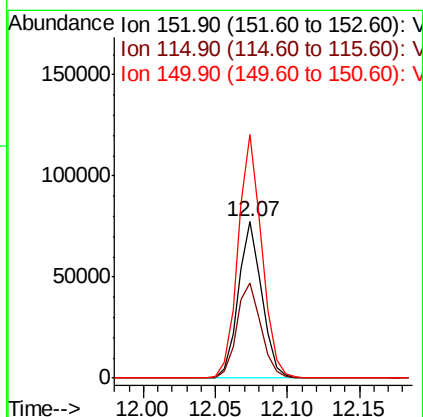
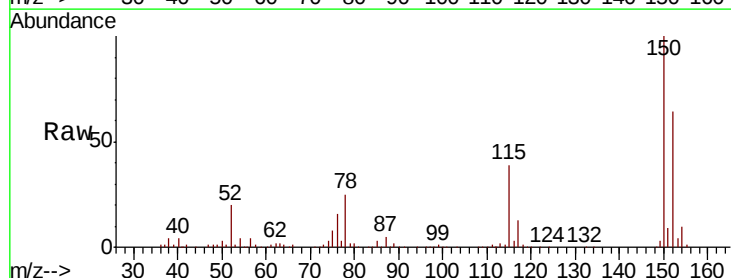
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

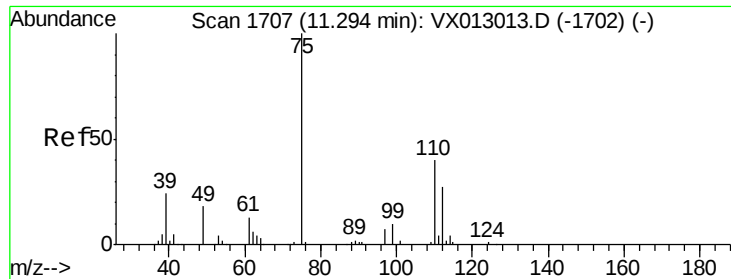
Tot Ion:117 Resp: 231396
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013102.D
Acq: 17 Oct 2019 13:14

Tgt Ion:152 Resp: 87712
Ion Ratio Lower Upper
152 100
115 63.4 44.5 133.5
150 157.0 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 26.451 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013102.D

Acq: 17 Oct 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

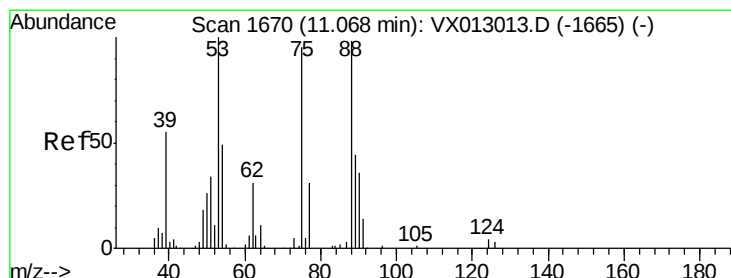
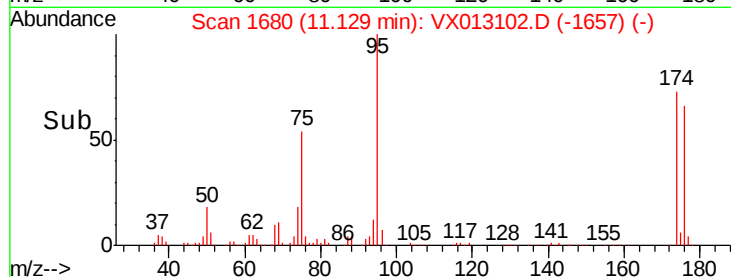
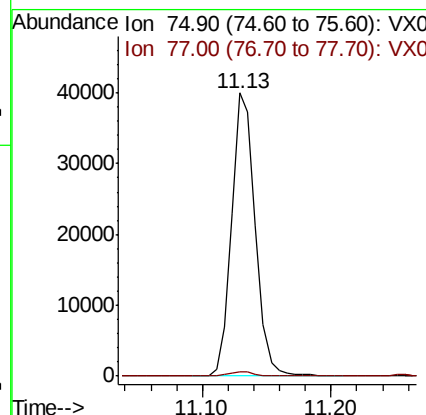
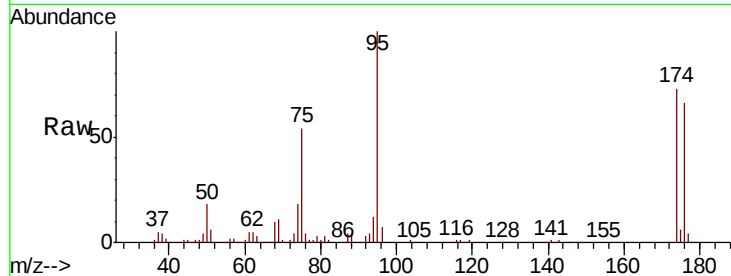
VX1017MBL01

Tot Ion: 75 Resp: 51459

Ion Ratio Lower Upper

75 100

77 1.7 22.9 68.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.547 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013102.D

Acq: 17 Oct 2019 13:14

Tgt Ion: 75 Resp: 51459

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.4 56.2#

