

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
 Data File : VX012651.D
 Acq On : 25 Sep 2019 11:12
 Operator : JC/SP
 Sample : VX0925MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBL01

Quant Time: Sep 25 23:03:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	315023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99990	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	132260	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
35) Dibromofluoromethane	5.49	113	95674	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
50) Toluene-d8	8.71	98	373762	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.14	95	128254	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	

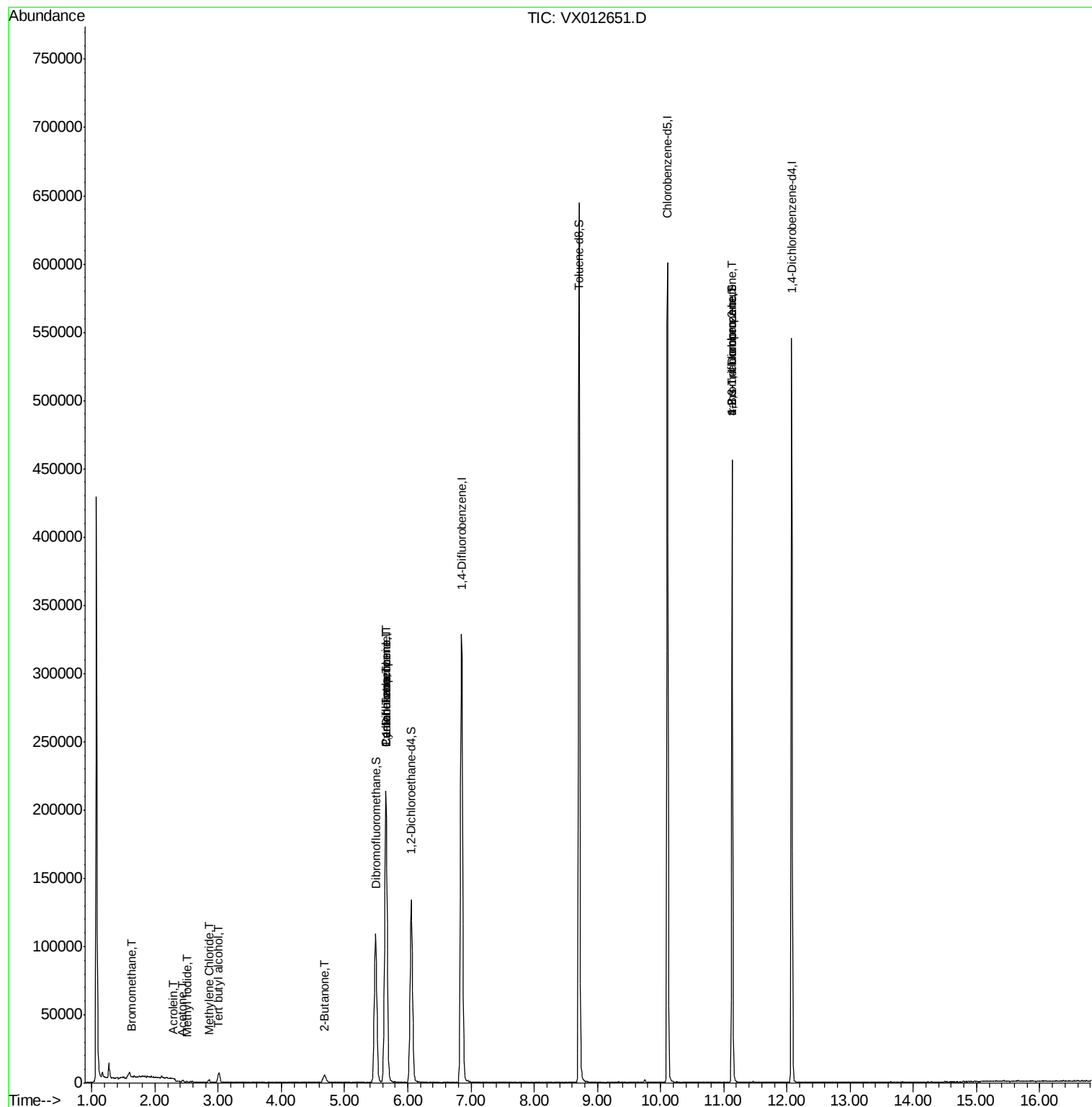
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	336	0.362	ug/l #	36
10) Methyl Iodide	2.50	142	261	5.064	ug/l #	71
11) Tert butyl alcohol	3.01	59	4558	6.818	ug/l #	76
13) Acrolein	2.29	56	118	10.537	ug/l #	79
16) Acetone	2.43	43	1419	1.001	ug/l #	57
20) Methylene Chloride	2.86	84	697	0.291	ug/l #	83
25) 2-Butanone	4.67	43	413	0.203	ug/l #	51
31) Cyclohexane	5.65	56	4569	1.227	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	16031	5.279	ug/l #	51
38) Carbon Tetrachloride	5.65	117	21012	6.812	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	67041	25.346	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	67041	72.637	ug/l #	8

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

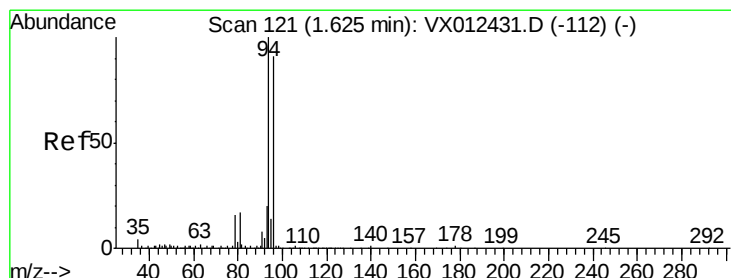
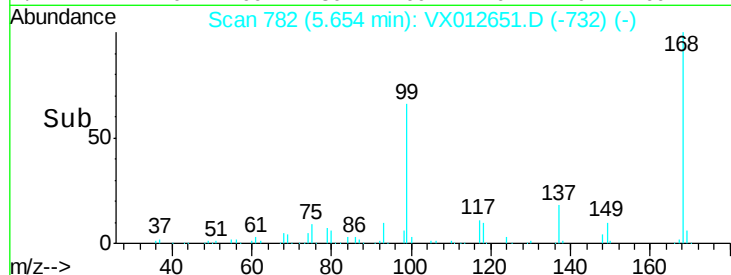
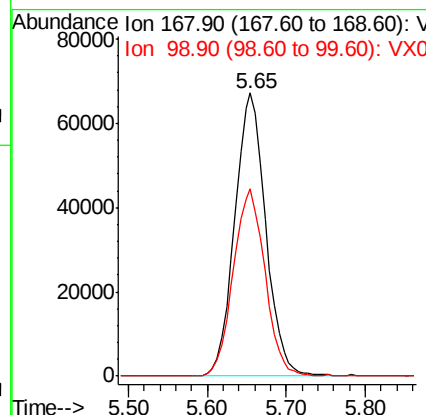
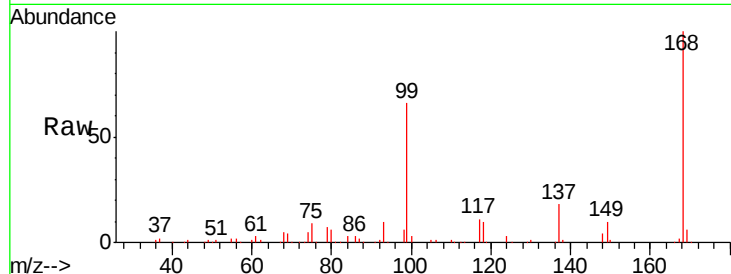




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

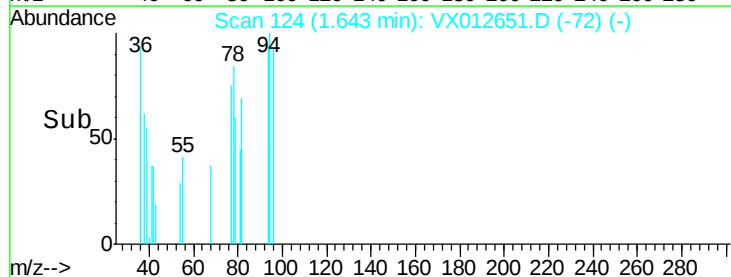
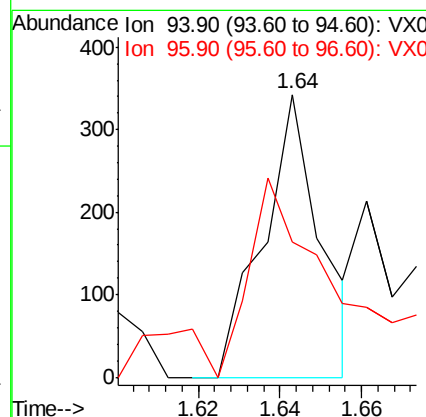
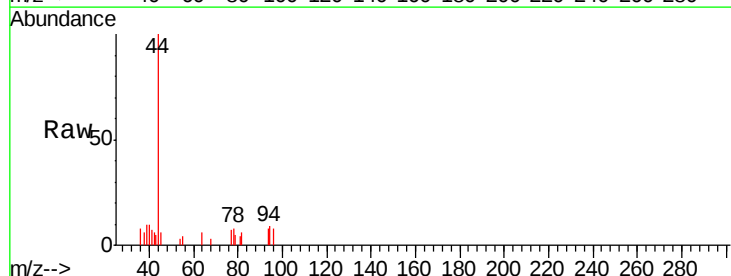
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

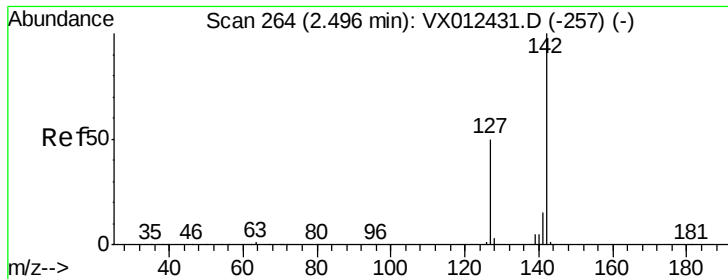
Tgt Ion: 168 Resp: 183773
Ion Ratio Lower Upper
168 100
99 66.2 51.4 77.2



#5
Bromomethane
Concen: 0.362 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

Tgt Ion: 94 Resp: 336
Ion Ratio Lower Upper
94 100
96 30.6 72.8 109.2#

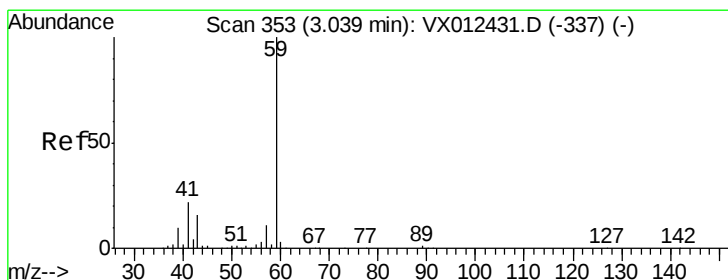
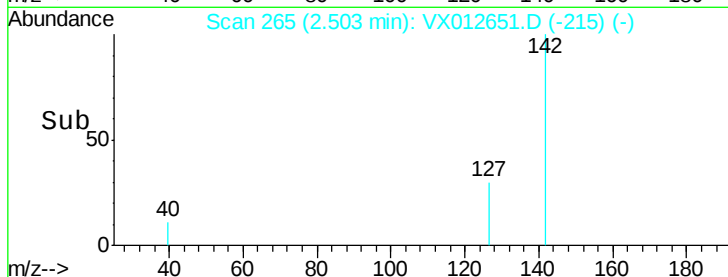
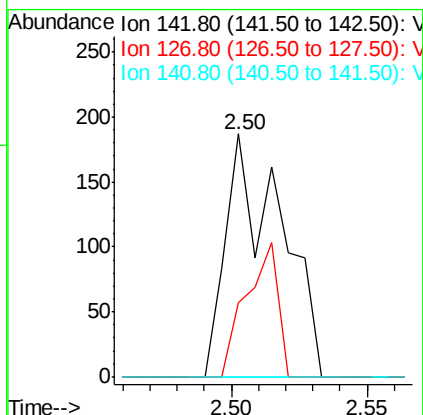
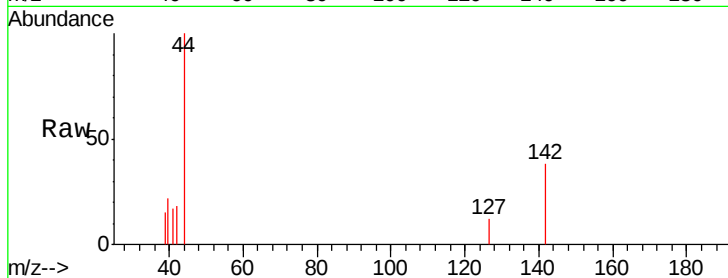




#10
Methyl Iodide
Concen: 5.064 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

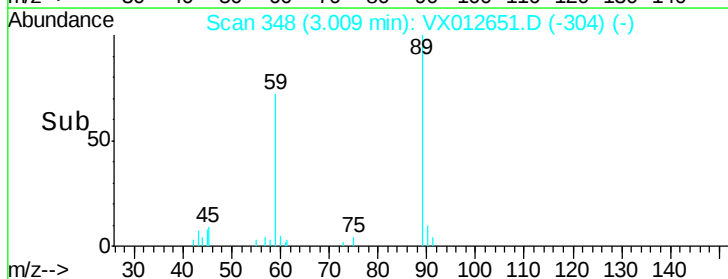
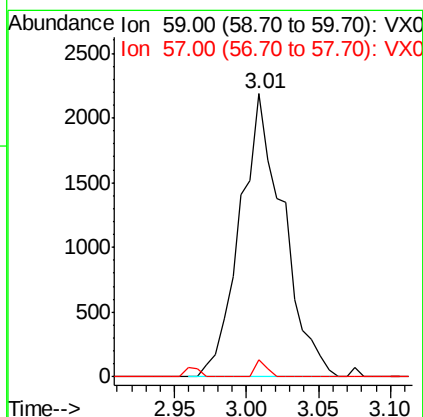
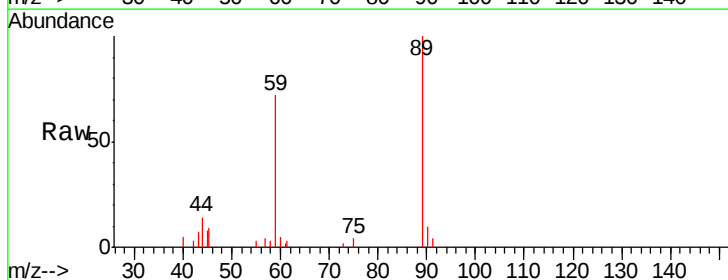
Instrument :
MSVOA_X
ClientSampled :
VX0925MBL01

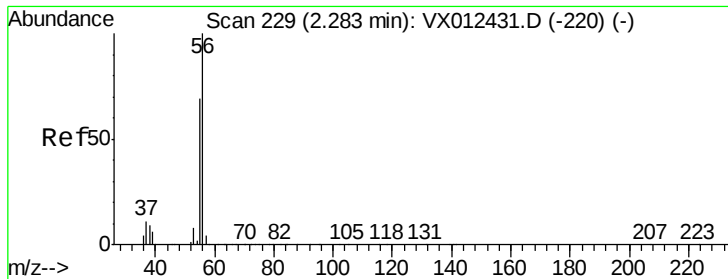
Tgt Ion: 142 Resp: 261
Ion Ratio Lower Upper
142 100
127 32.2 40.8 61.2#
141 0.0 12.1 18.1#



#11
Tert butyl alcohol
Concen: 6.818 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

Tgt Ion: 59 Resp: 4558
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#





#13

Acrolein

Concen: 10.537 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX012651.D

Acq: 25 Sep 2019 11:12

Instrument :

MSVOA_X

ClientSampled :

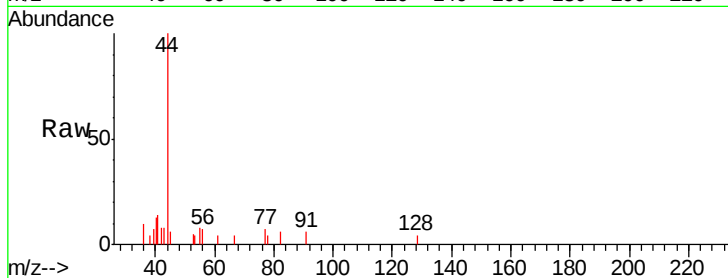
VX0925MBL01

Tgt Ion: 56 Resp: 118

Ion Ratio Lower Upper

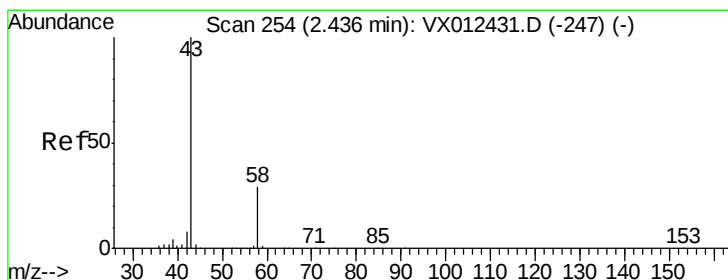
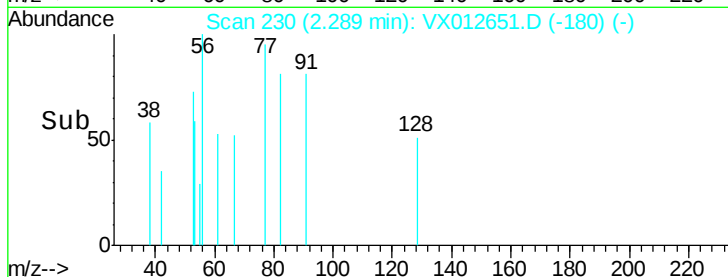
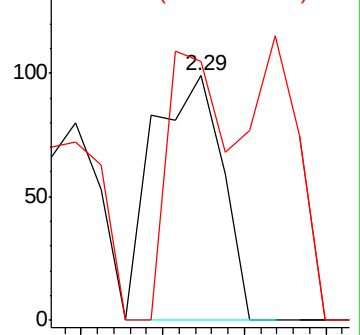
56 100

55 87.3 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 1.001 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012651.D

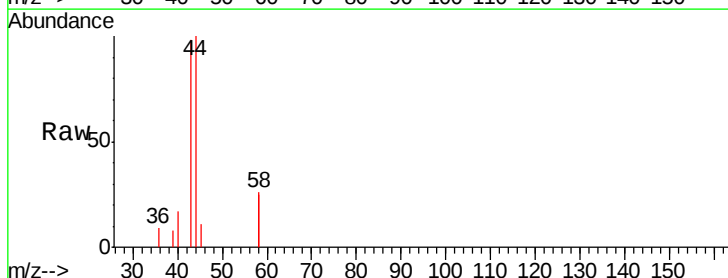
Acq: 25 Sep 2019 11:12

Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

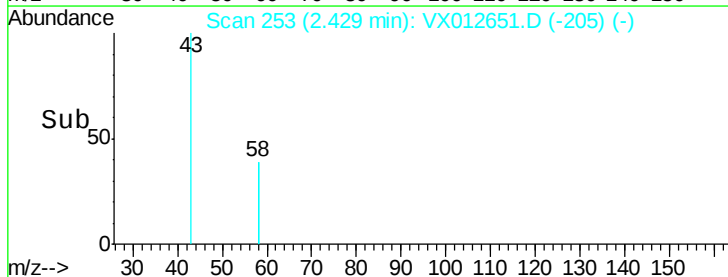
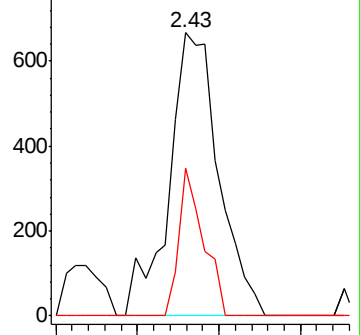
43 100

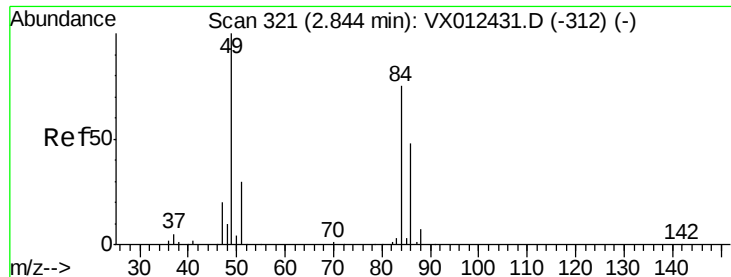
58 52.2 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

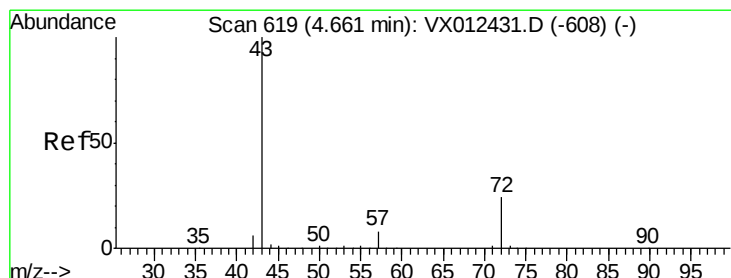
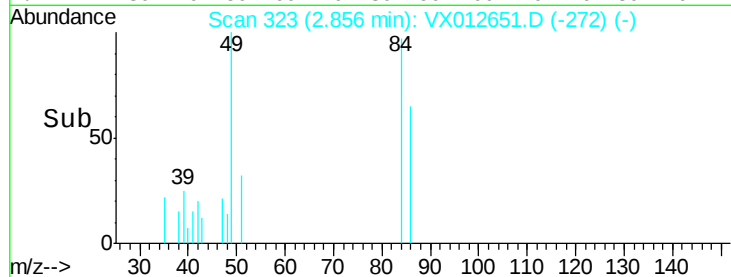
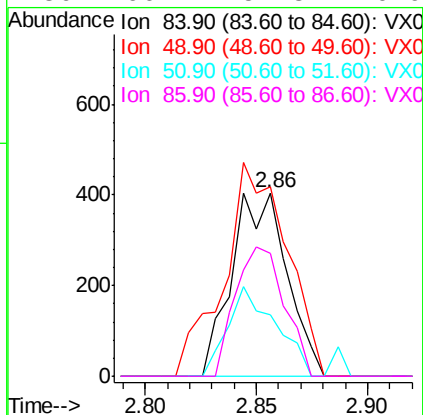
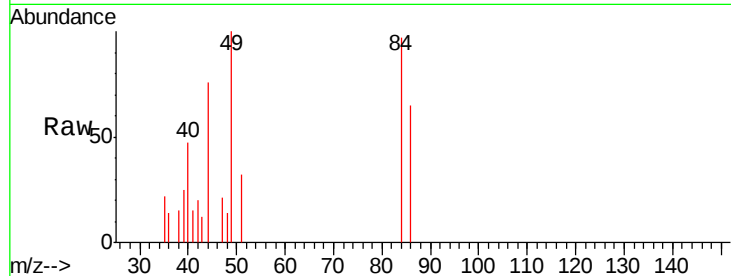




#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

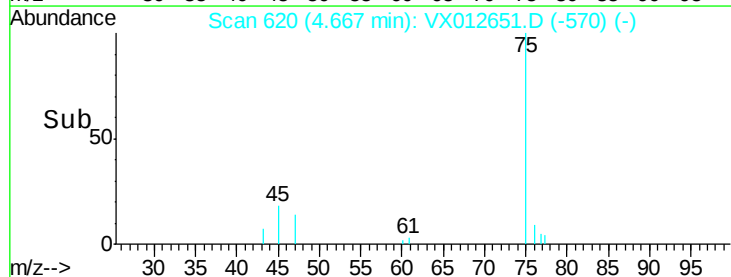
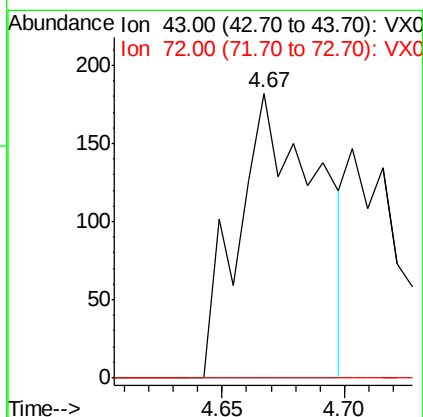
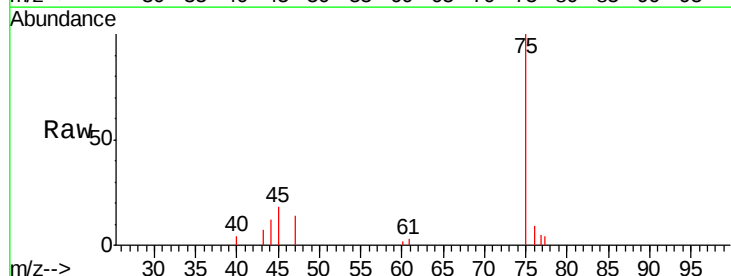
Instrument :
MSVOA_X
ClientSampled :
VX0925MBL01

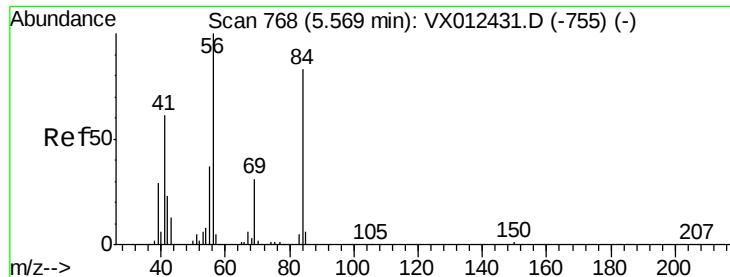
Tgt Ion: 84 Resp: 697
Ion Ratio Lower Upper
84 100
49 103.0 106.8 160.2#
51 33.3 32.3 48.5
86 66.7 51.3 76.9



#25
2-Butanone
Concen: 0.203 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#

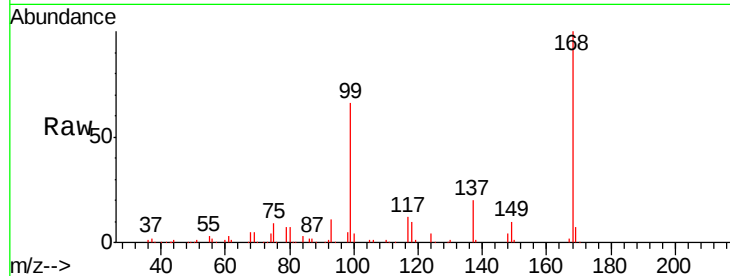




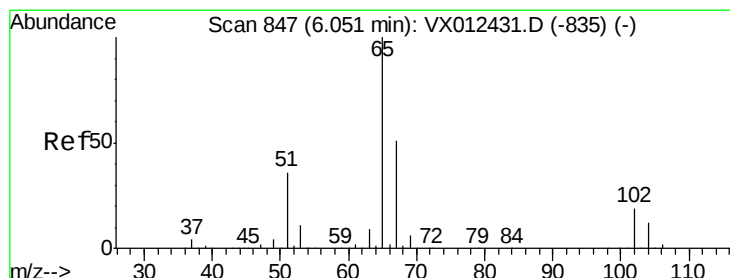
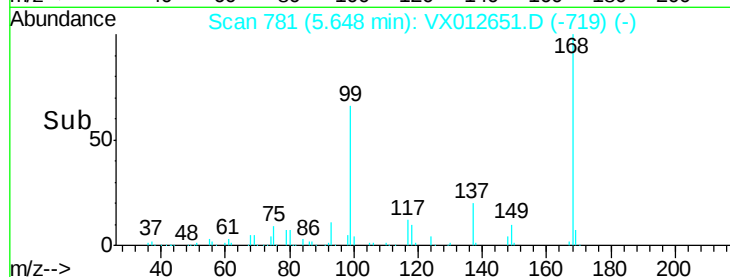
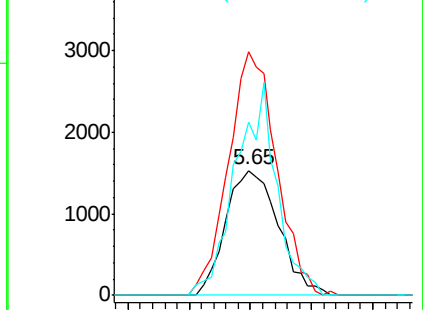
#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

Tgt Ion: 56 Resp: 4569
Ion Ratio Lower Upper
56 100
69 194.8 25.0 37.6#
84 139.0 66.4 99.6#

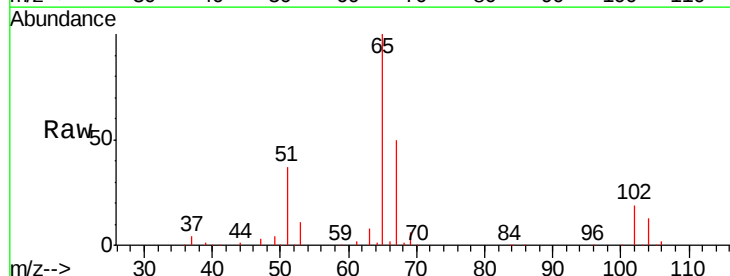


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

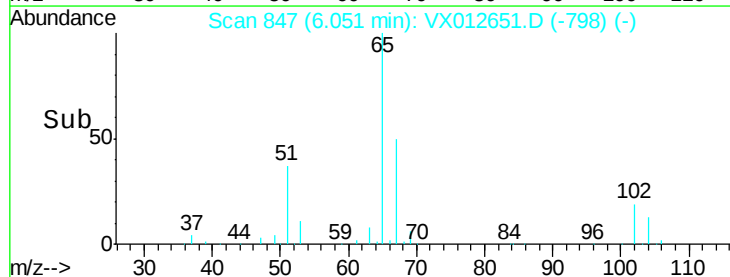
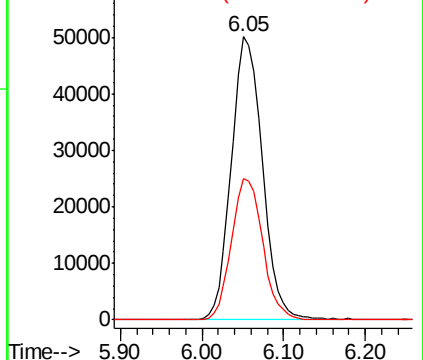


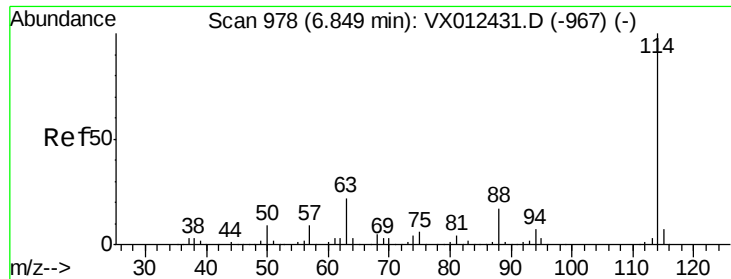
#33
1,2-Dichloroethane-d4
Concen: 49.423 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

Tgt Ion: 65 Resp: 132260
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

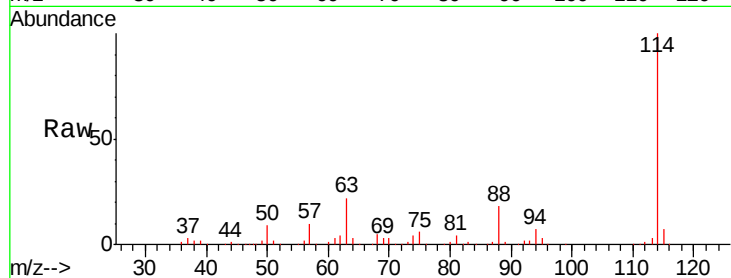




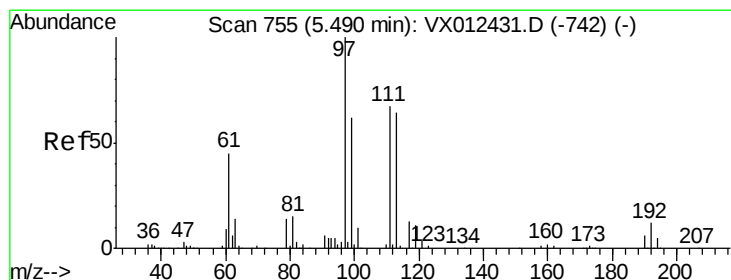
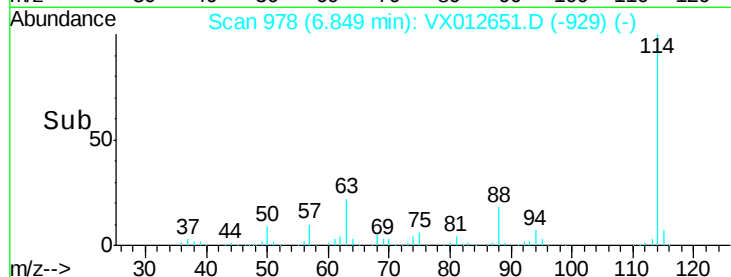
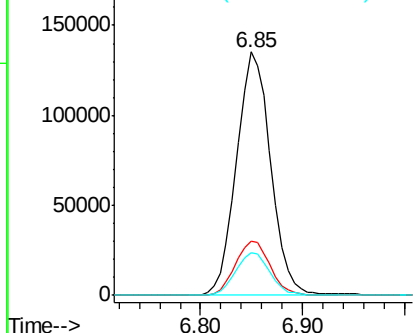
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012651.D
 Acq: 25 Sep 2019 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBL01

Tgt Ion:114 Resp: 315023
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 17.8 0.0 33.2

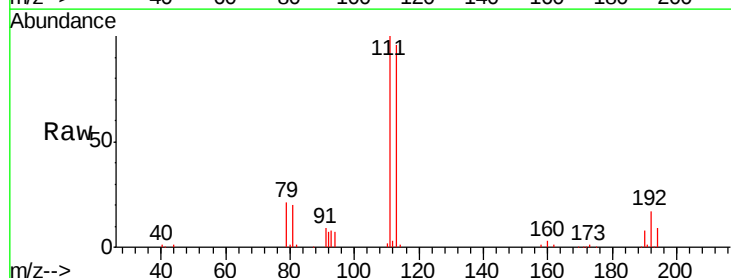


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

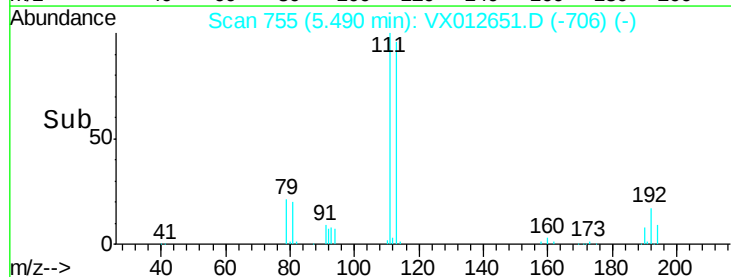
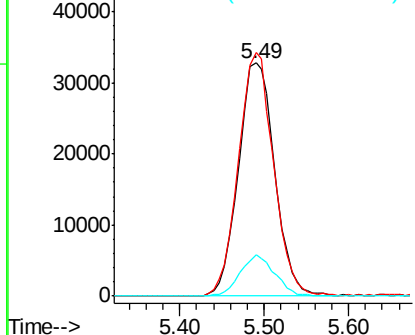


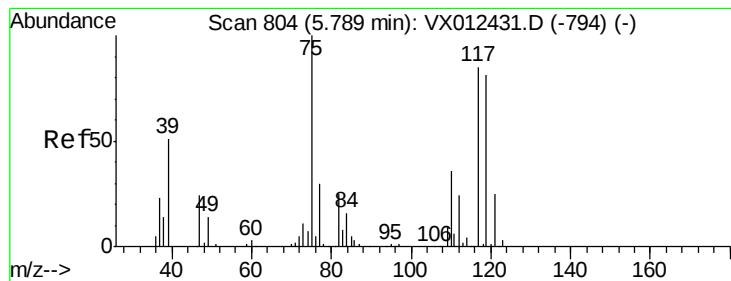
#35
 Dibromofluoromethane
 Concen: 50.996 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012651.D
 Acq: 25 Sep 2019 11:12

Tgt Ion:113 Resp: 95674
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.4 125.2
 192 16.9 14.4 21.6



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: 5.279 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012651.D

Acq: 25 Sep 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX0925MBL01

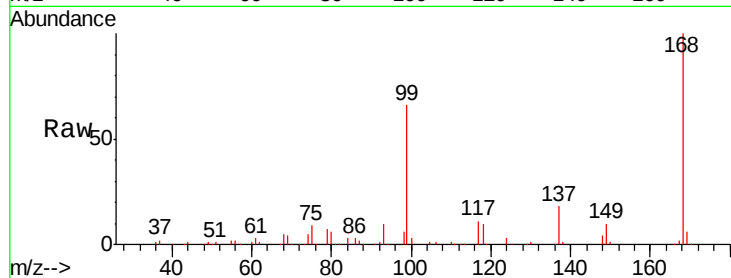
Tgt Ion: 75 Resp: 16031

Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.0#

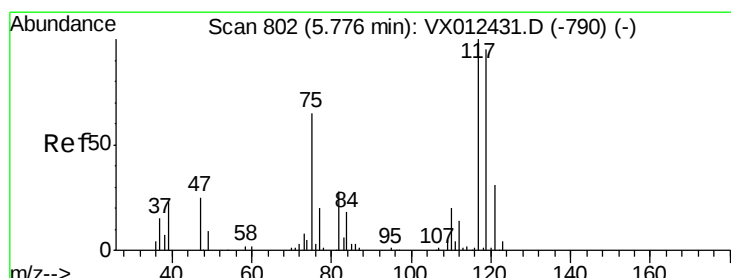
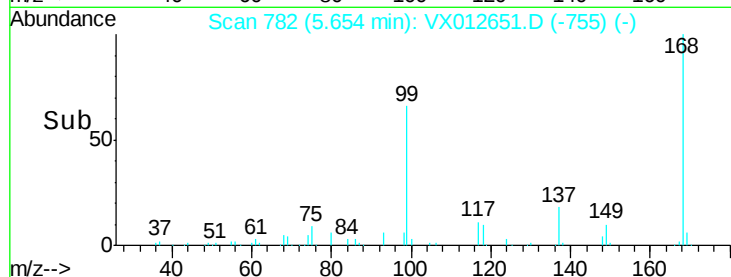
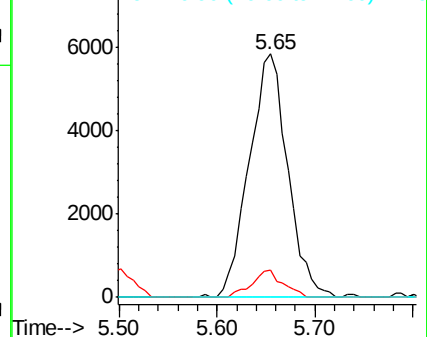
77 0.0 24.2 36.2#



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: 6.812 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012651.D

Acq: 25 Sep 2019 11:12

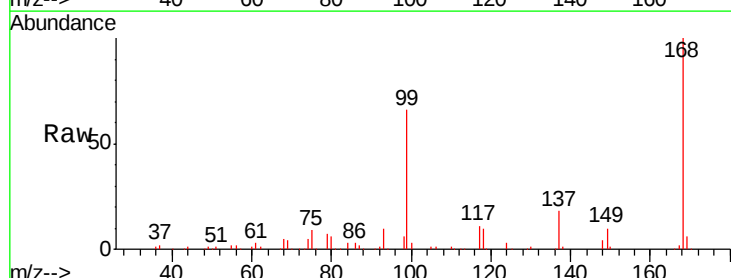
Tgt Ion: 117 Resp: 21012

Ion Ratio Lower Upper

117 100

119 3.6 75.7 113.5#

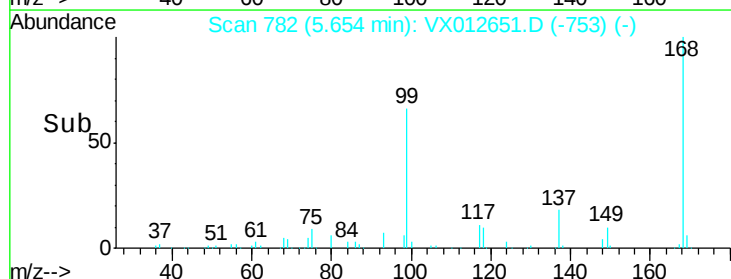
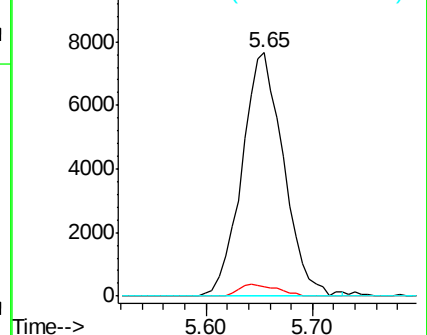
121 0.0 24.2 36.4#

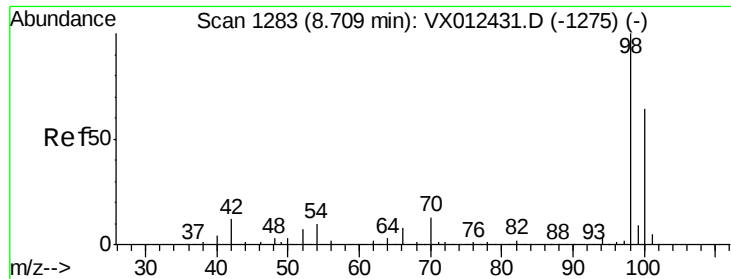


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

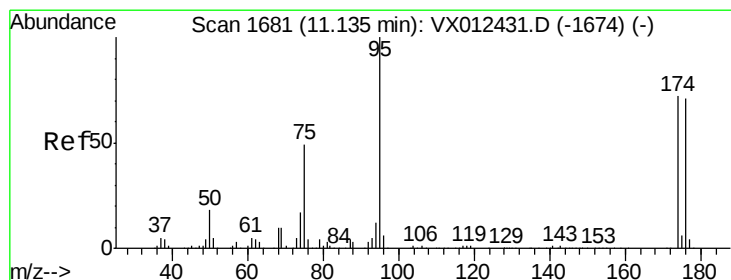
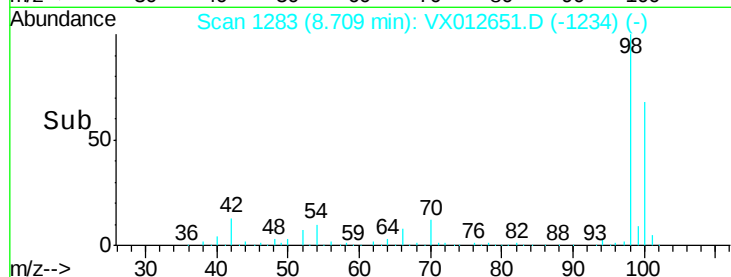
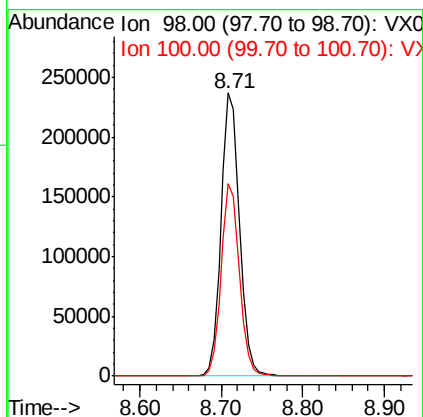
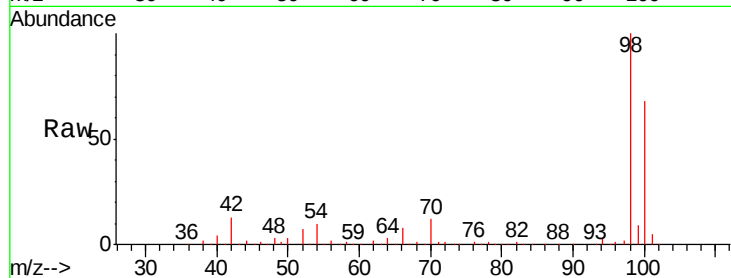




#50
Toluene-d8
Concen: 51.732 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

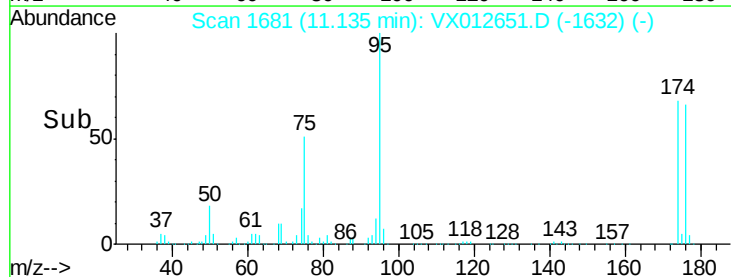
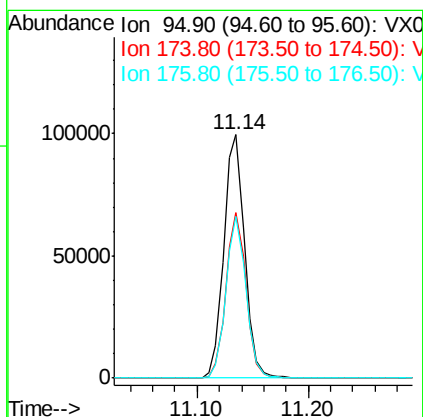
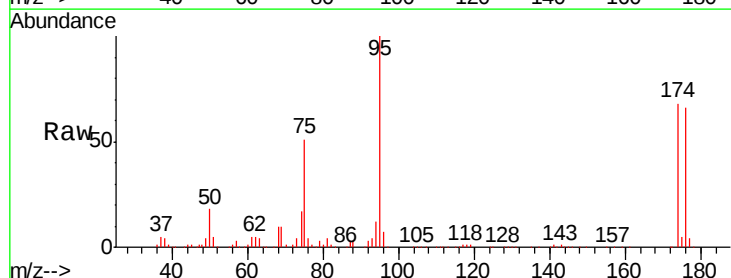
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

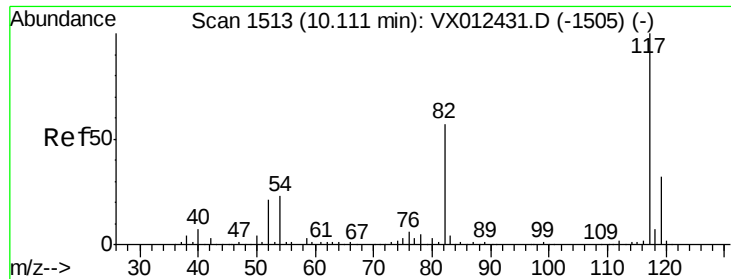
Tgt Ion: 98 Resp: 373762
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 45.146 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

Tgt Ion: 95 Resp: 128254
Ion Ratio Lower Upper
95 100
174 66.1 0.0 140.0
176 64.7 0.0 135.4

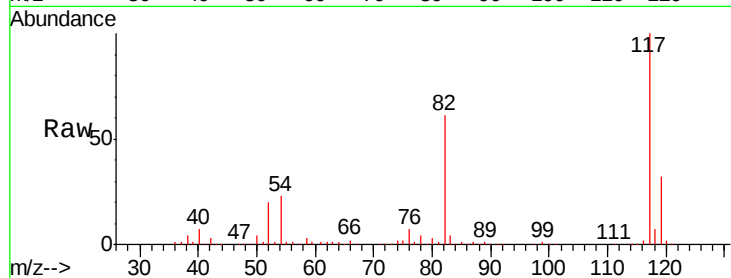




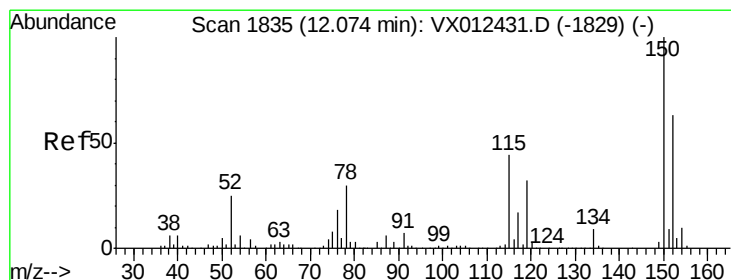
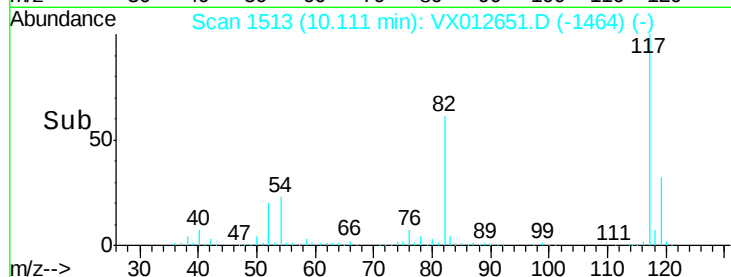
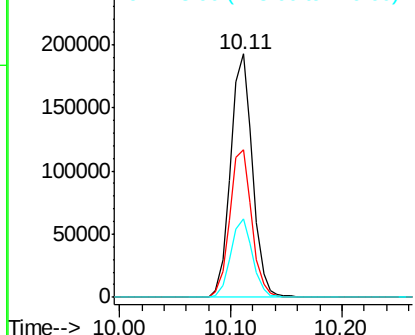
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

Tgt Ion:117 Resp: 262192
Ion Ratio Lower Upper
117 100
82 60.6 45.9 68.9
119 32.5 25.3 37.9

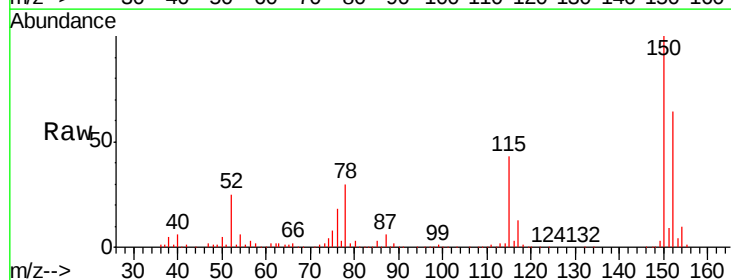


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

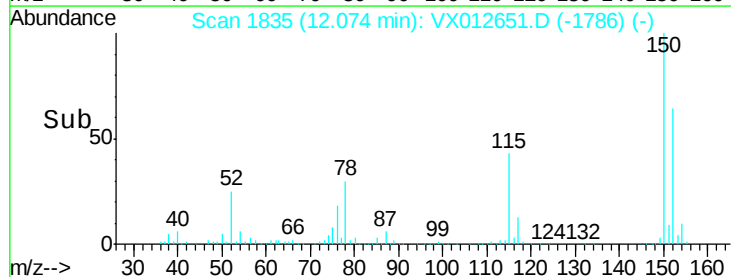
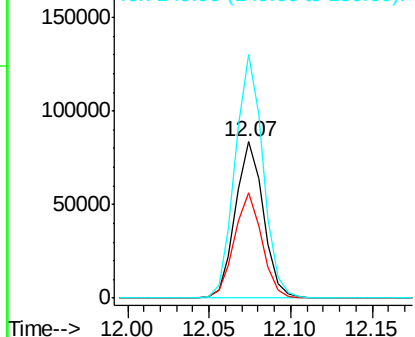


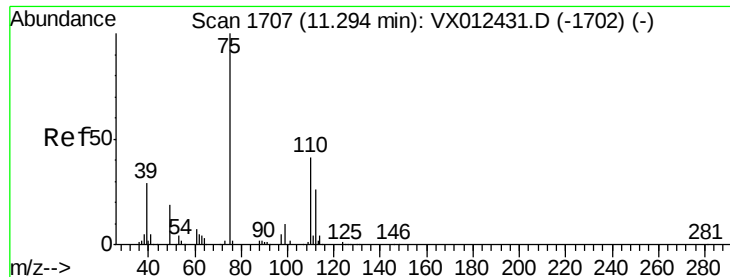
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012651.D
Acq: 25 Sep 2019 11:12

Tgt Ion:152 Resp: 99990
Ion Ratio Lower Upper
152 100
115 66.3 44.1 132.3
150 155.4 0.0 343.8



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: 25.346 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012651.D

Acq: 25 Sep 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

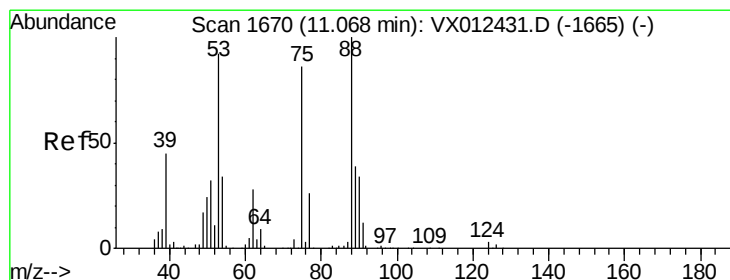
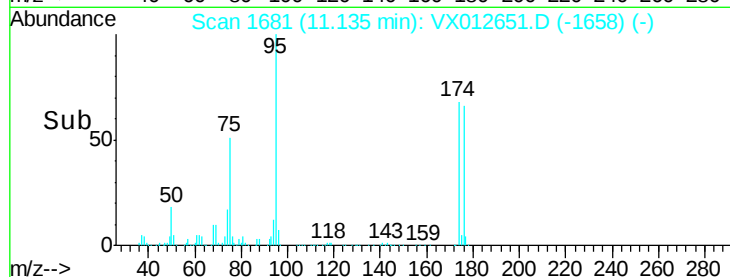
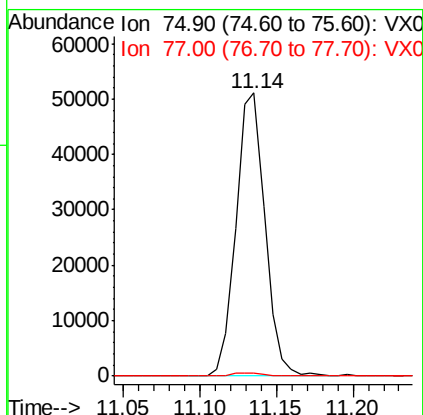
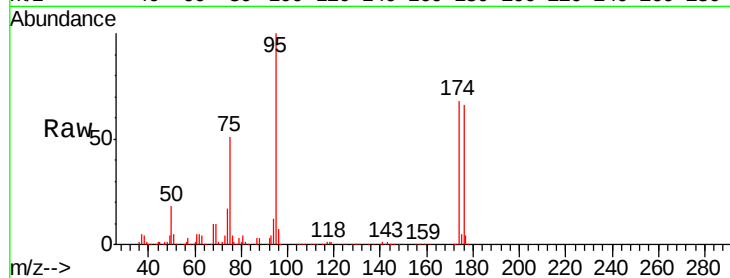
VX0925MBL01

Tgt Ion: 75 Resp: 67041

Ion Ratio Lower Upper

75 100

77 1.1 19.7 59.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.637 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012651.D

Acq: 25 Sep 2019 11:12

Tgt Ion: 75 Resp: 67041

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#

