

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012919.D
 Acq On : 09 Oct 2019 03:55
 Operator : JC/SP
 Sample : K5154-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102D

Quant Time: Oct 09 05:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	118797	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	5.49	113	92819	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	8.71	98	364683	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.14	95	125913	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	

Target Compounds

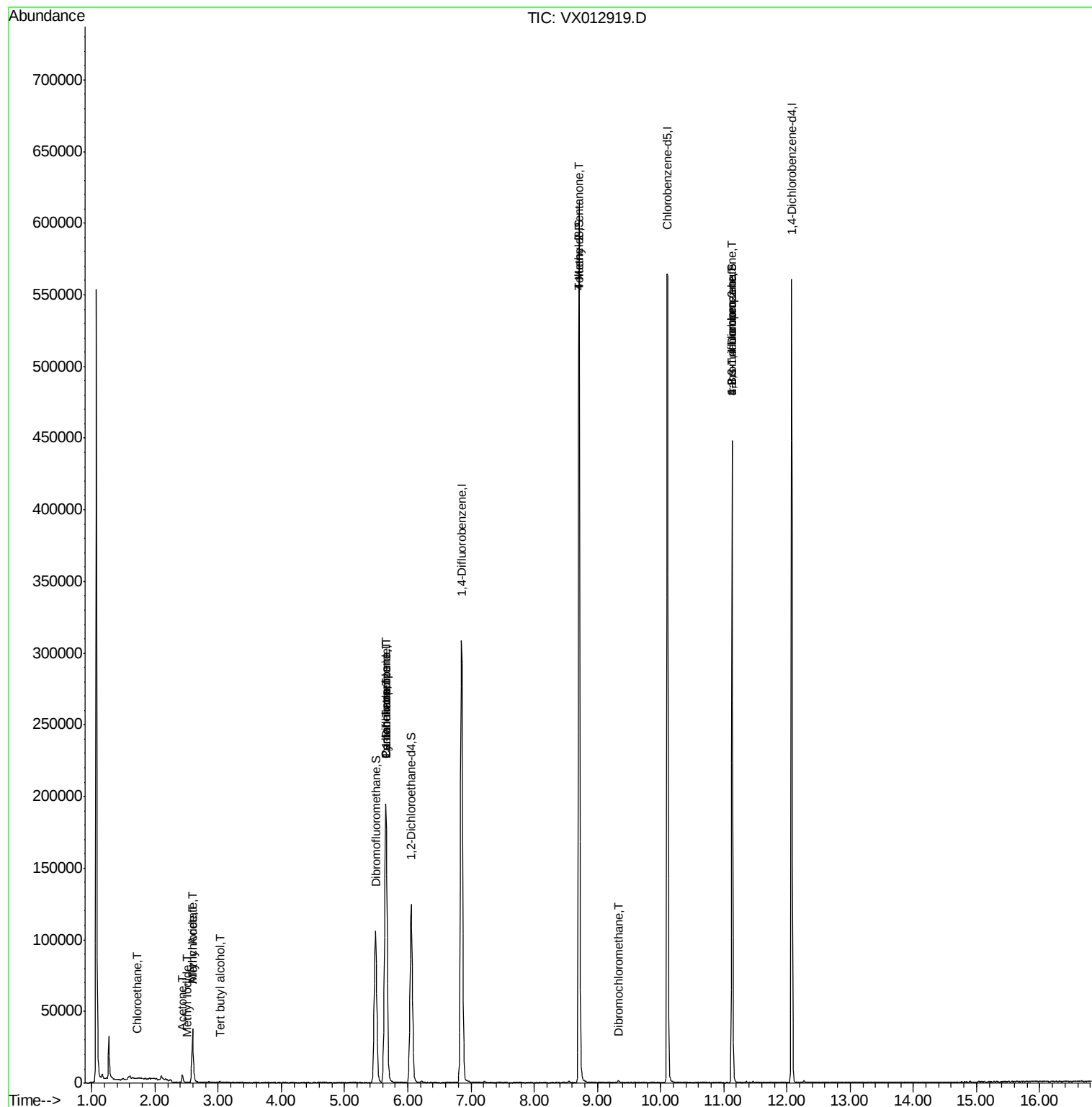
	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.72	64	277	0.580	ug/l #	43
10) Methyl Iodide	2.51	142	45	5.101	ug/l #	40
11) Tert butyl alcohol	3.03	59	644	1.051	ug/l #	72
14) Allyl chloride	2.59	41	3767	1.132	ug/l #	66
16) Acetone	2.43	43	5195	4.264	ug/l	97
18) Methyl Acetate	2.59	43	9961	3.449	ug/l #	51
31) Cyclohexane	5.65	56	3970	1.183	ug/l #	12
36) 1,1-Dichloropropene	5.65	75	14563	5.309	ug/l #	50
38) Carbon Tetrachloride	5.65	117	19106	7.155	ug/l #	17
51) 4-Methyl-2-Pentanone	8.70	43	1700	0.554	ug/l #	1
60) Dibromochloromethane	9.34	129	125	1.910	ug/l #	10
76) 1,2,3-Trichloropropane	11.14	75	62900	26.476	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	62900	66.606	ug/l #	10

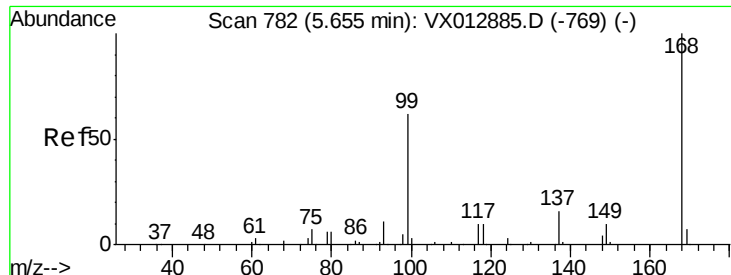
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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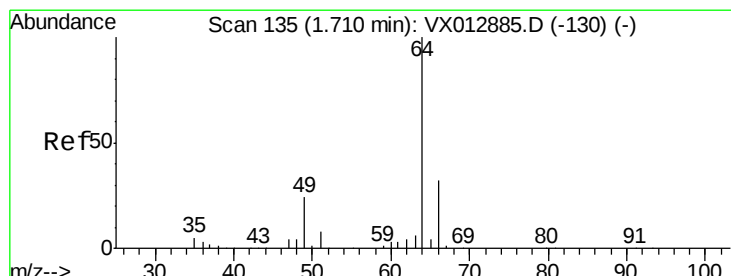
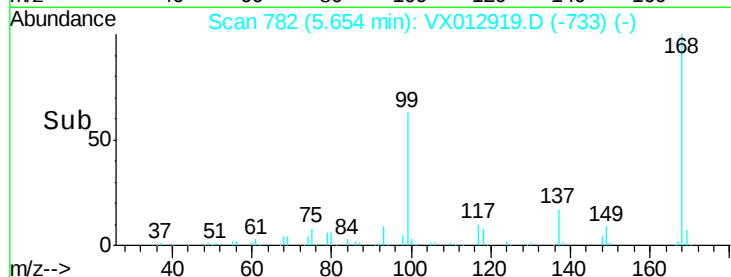
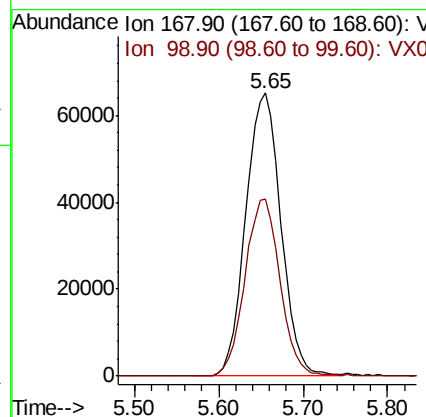
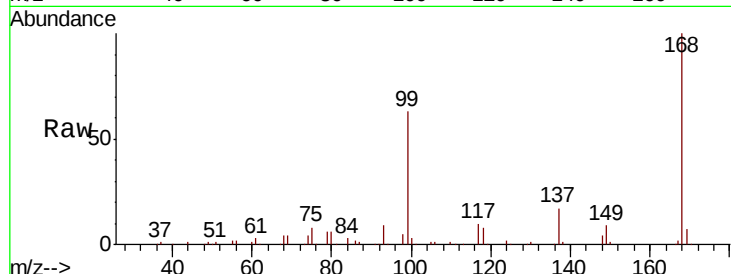




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

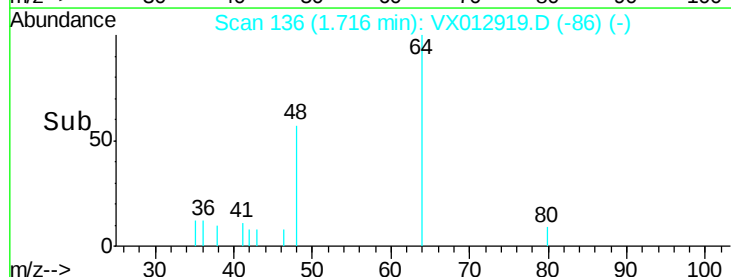
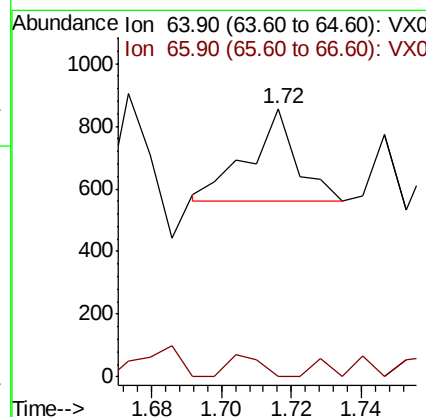
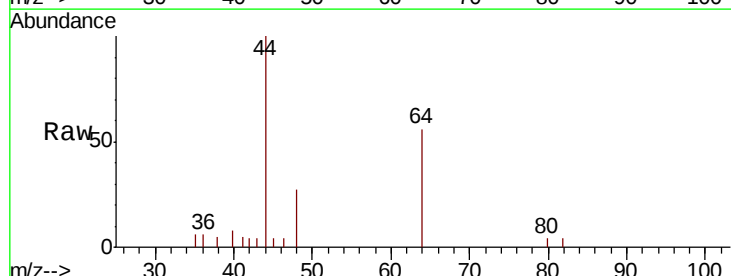
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

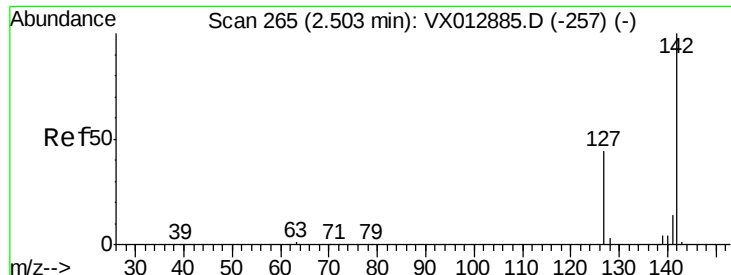
Tot Ion:168 Resp: 184939
Ion Ratio Lower Upper
168 100
99 62.6 49.4 74.0



#6
Chloroethane
Concen: 0.580 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

Tgt Ion: 64 Resp: 277
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

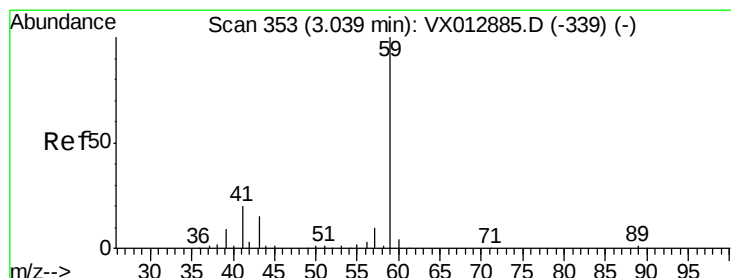
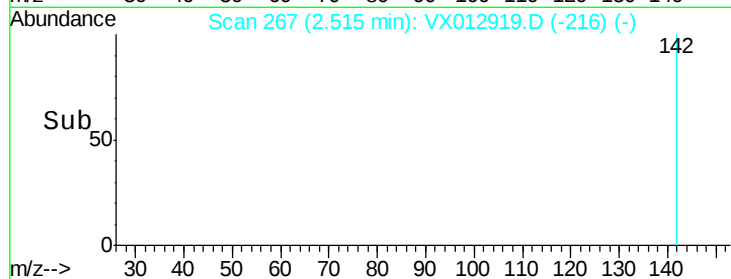
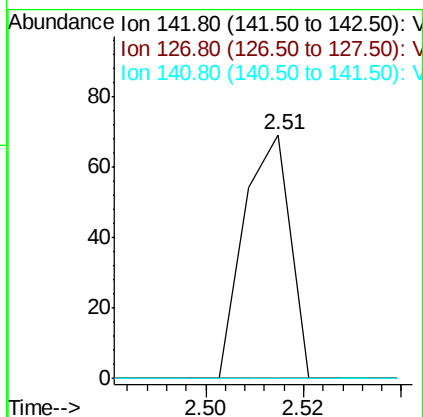
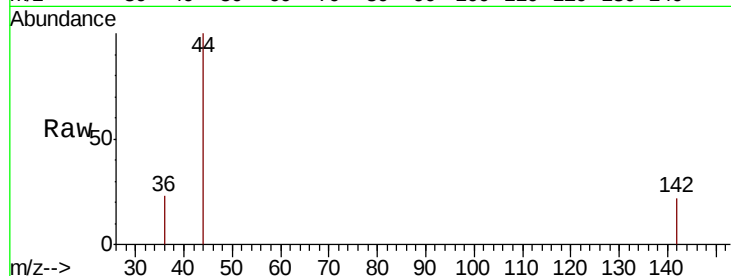




#10
Methvl Iodide
Concen: 5.101 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

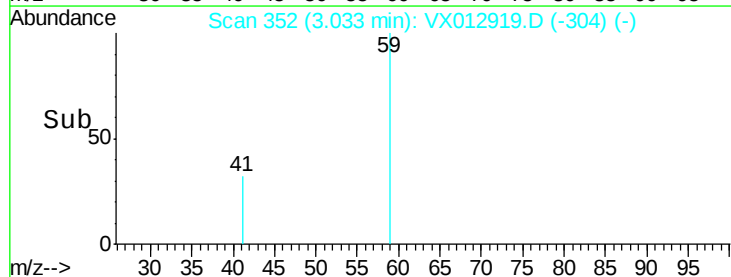
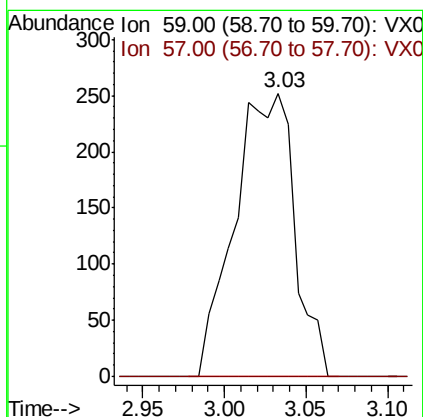
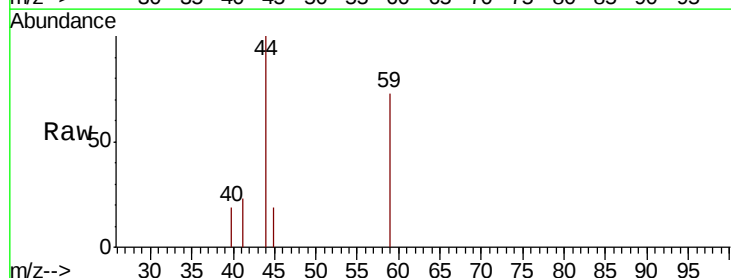
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

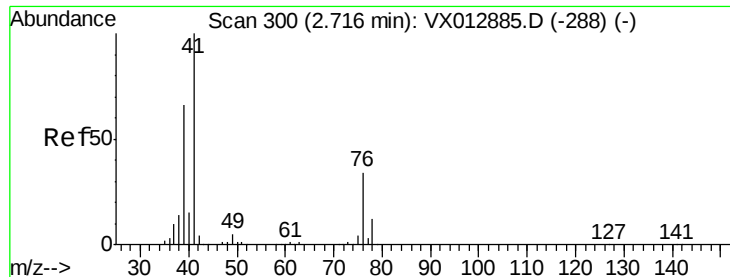
Tot Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 34.9 52.3#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.051 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

Tgt Ion: 59 Resp: 644
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allvl chloride

Concen: 1.132 ug/l

RT: 2.59 min Scan# 279

Delta R.T. -0.13 min

Lab File: VX012919.D

Acq: 09 Oct 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

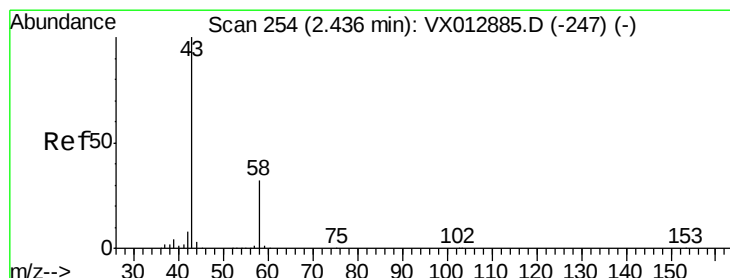
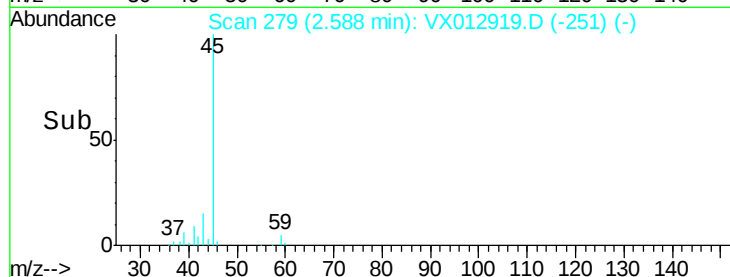
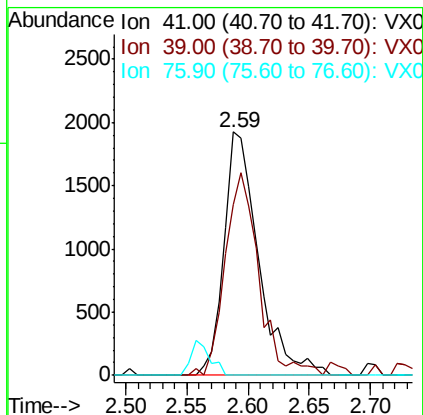
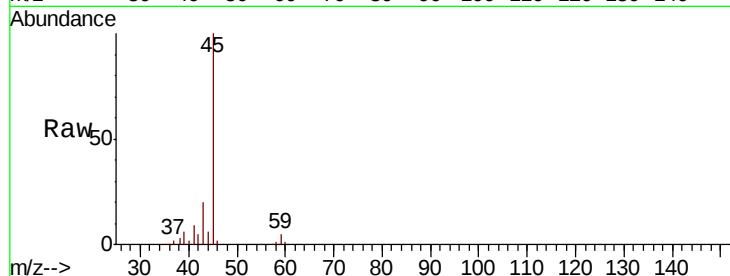
Tot Ion: 41 Resp: 3767

Ion Ratio Lower Upper

41 100

39 81.0 51.0 76.6#

76 0.0 26.2 39.4#



#16

Acetone

Concen: 4.264 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012919.D

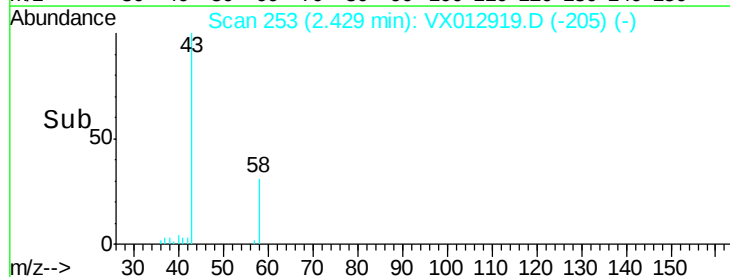
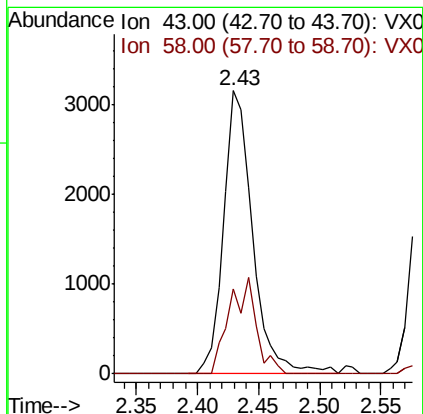
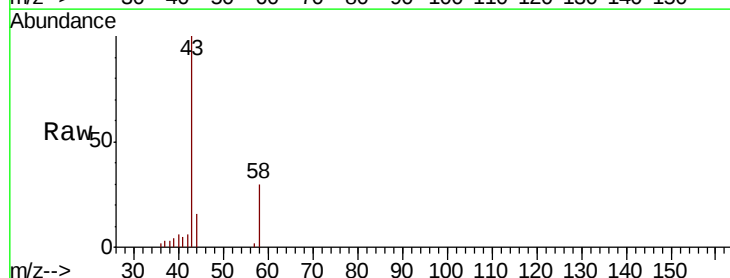
Acq: 09 Oct 2019 03:55

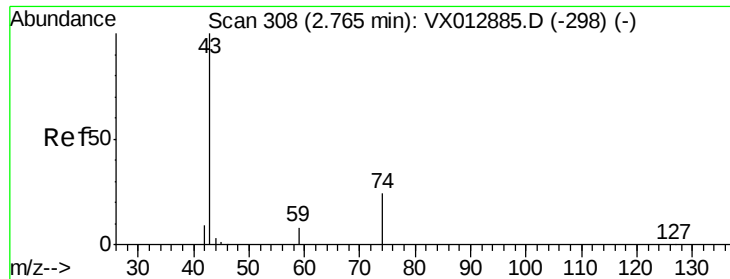
Tgt Ion: 43 Resp: 5195

Ion Ratio Lower Upper

43 100

58 29.9 25.4 38.2

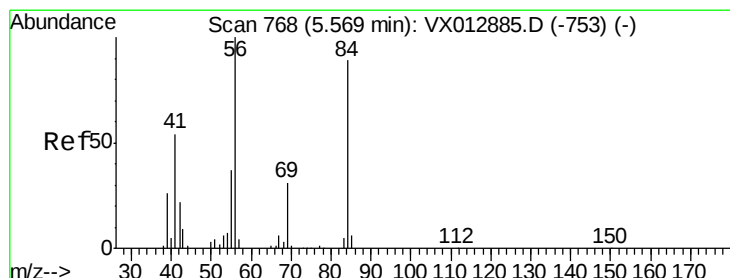
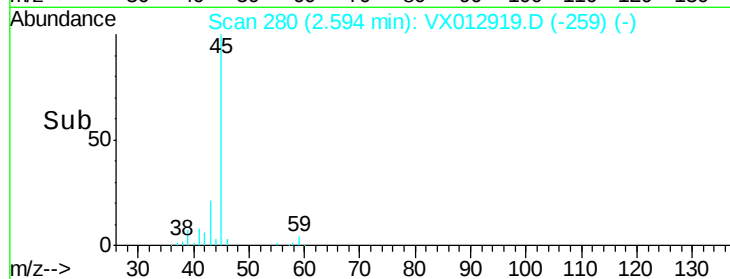
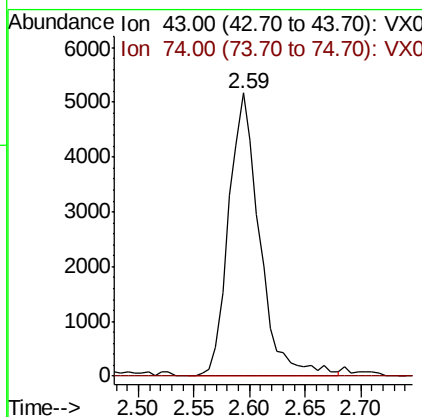
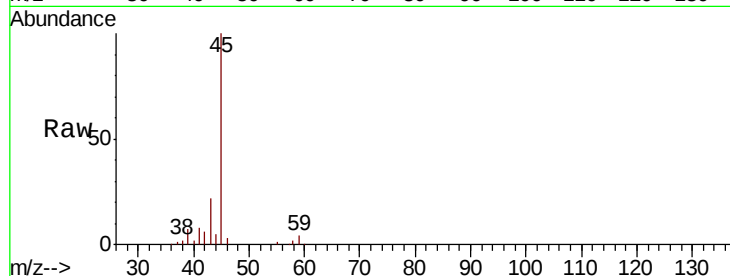




#18
Methvl Acetate
Concen: 3.449 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

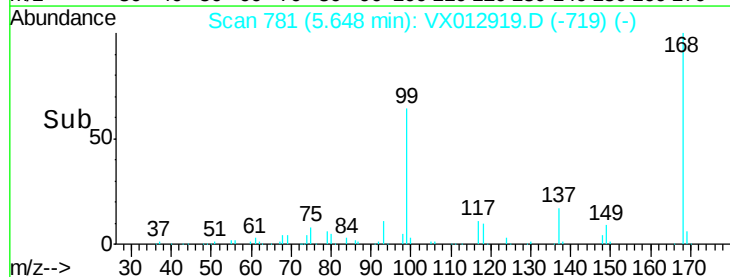
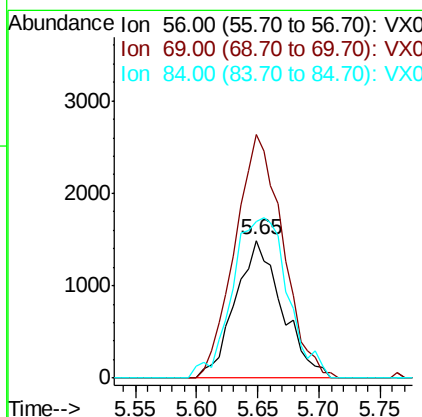
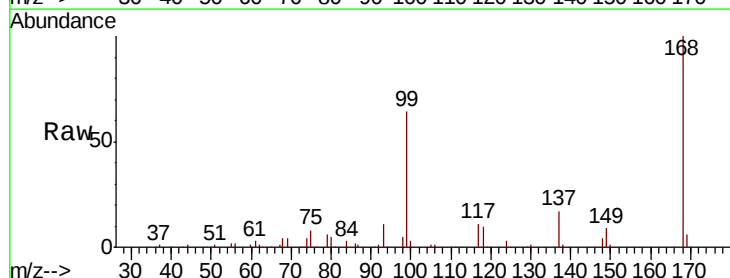
Instrument :
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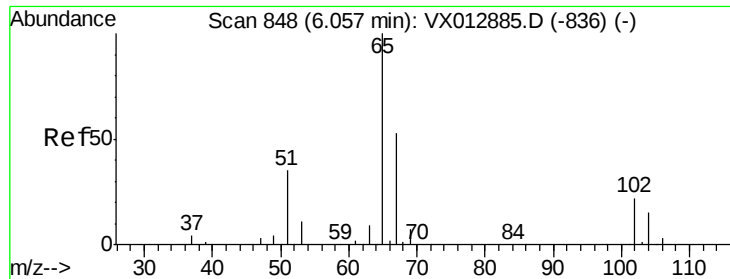
Tot Ion: 43 Resp: 9961
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

Tgt Ion: 56 Resp: 3970
Ion Ratio Lower Upper
56 100
69 176.8 25.2 37.8#
84 113.6 71.3 106.9#

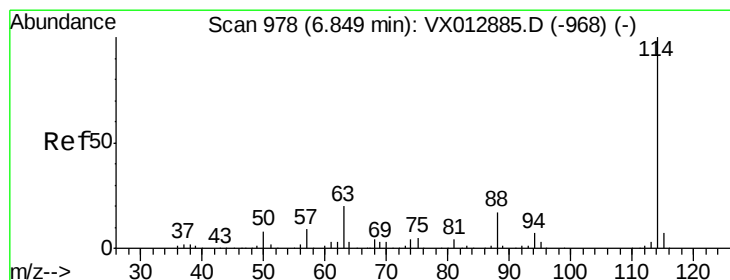
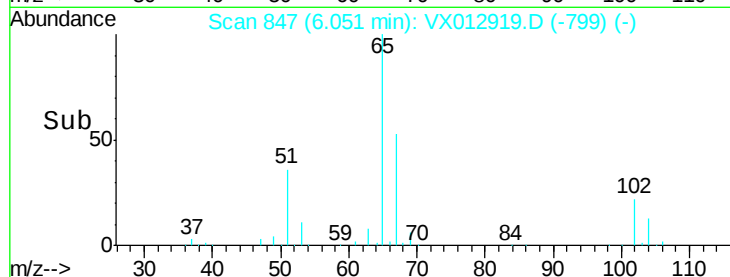
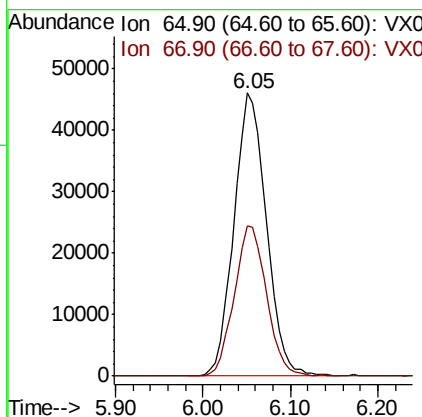
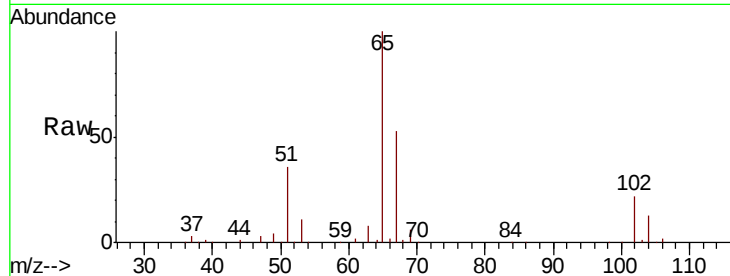




#33
 1,2-Dichloroethane-d4
 Concen: 51.394 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012919.D
 Acq: 09 Oct 2019 03:55

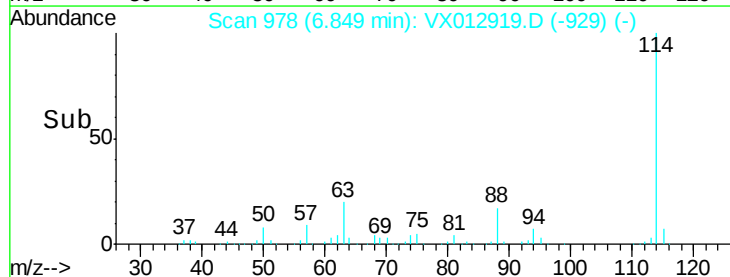
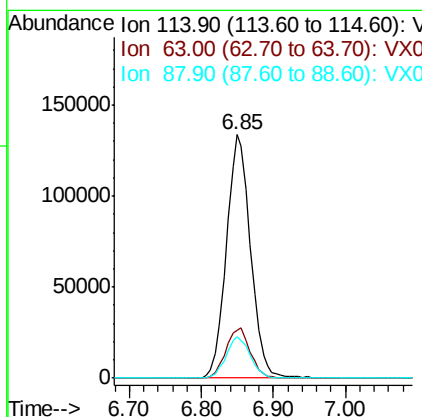
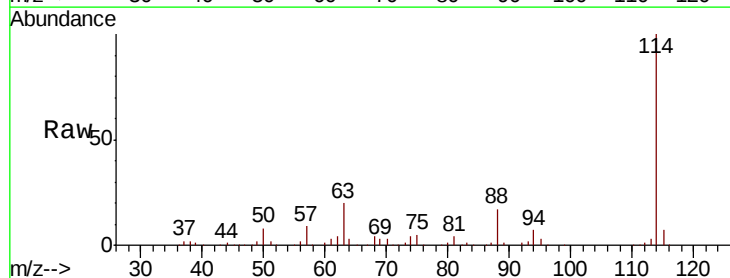
Instrument :
 MSVOA_X
 ClientSampled :
 MW-102D

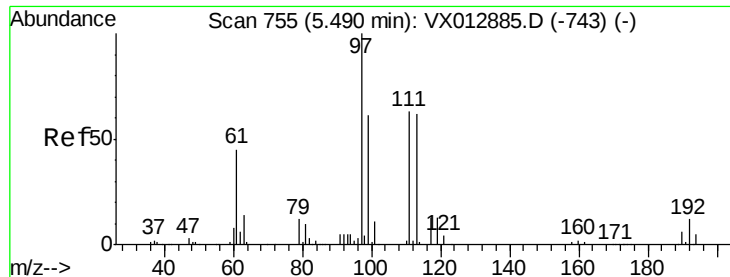
Tot Ion: 65 Resp: 118797
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012919.D
 Acq: 09 Oct 2019 03:55

Tgt Ion: 114 Resp: 312016
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.831 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012919.D

Acq: 09 Oct 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

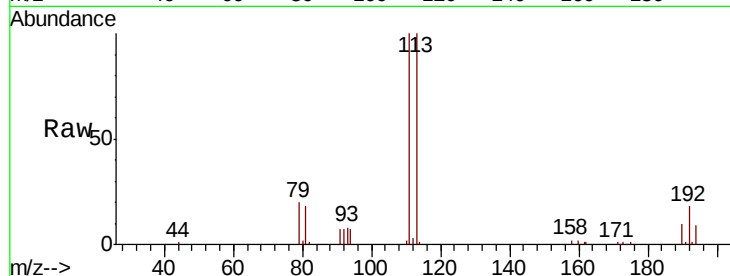
Tot Ion:113 Resp: 92819

Ion Ratio Lower Upper

113 100

111 101.3 83.2 124.8

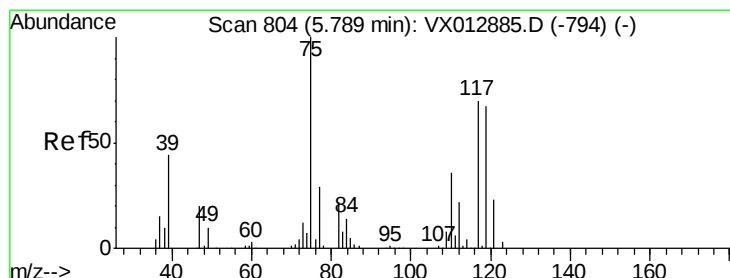
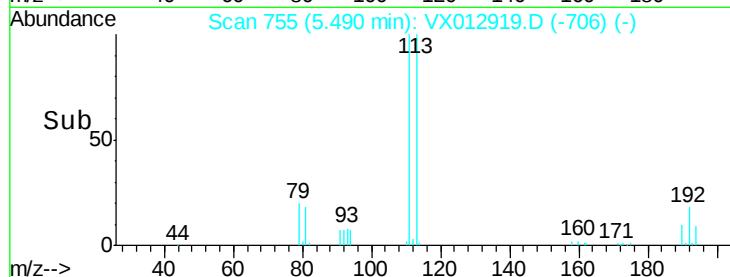
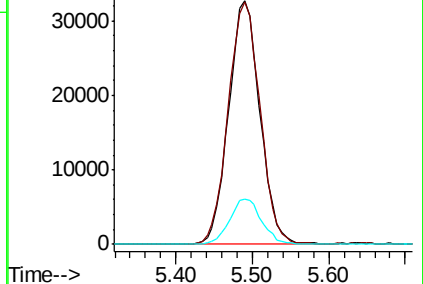
192 19.1 15.4 23.2



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: 5.309 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012919.D

Acq: 09 Oct 2019 03:55

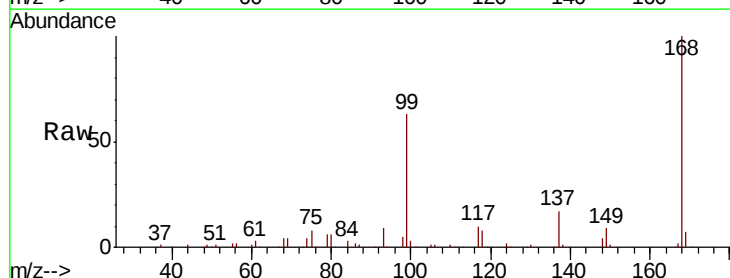
Tgt Ion: 75 Resp: 14563

Ion Ratio Lower Upper

75 100

110 8.6 17.6 52.9#

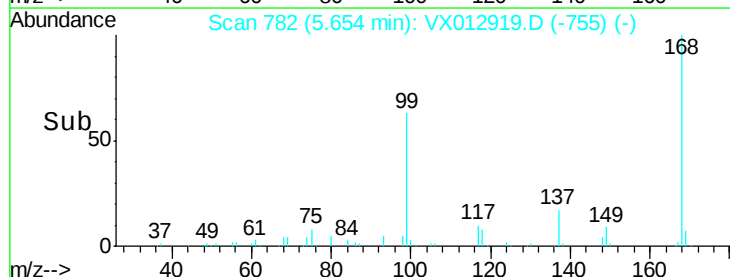
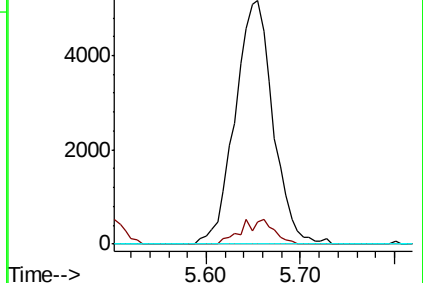
77 0.0 24.4 36.6#

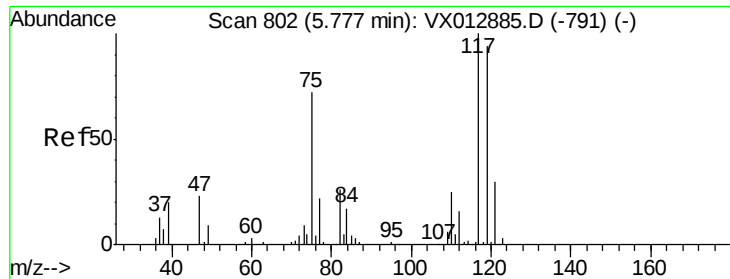


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

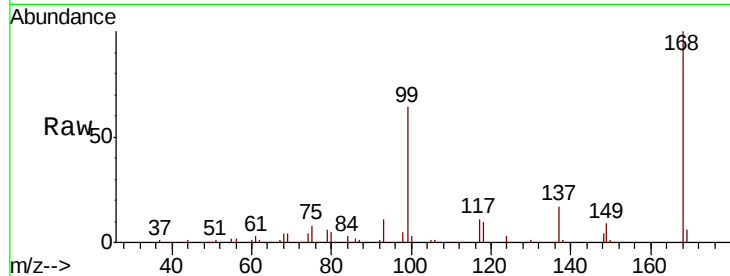




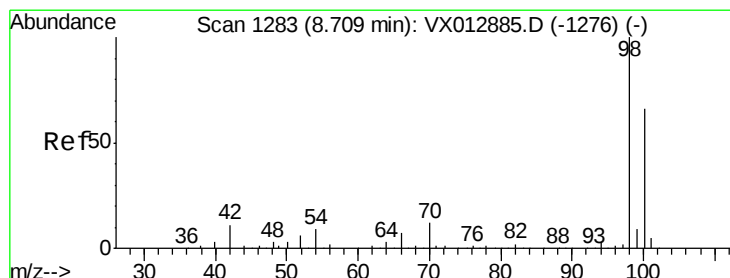
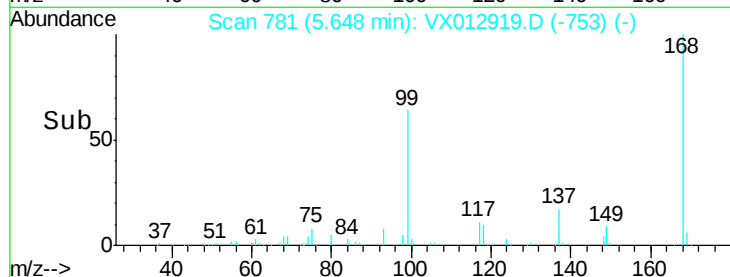
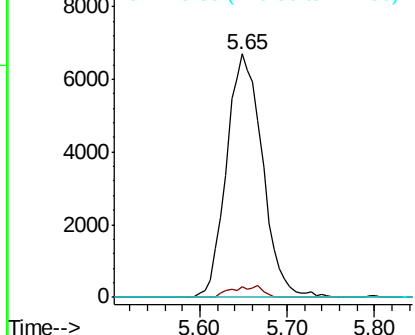
#38
Carbon Tetrachloride
Concen: 7.155 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

Tot Ion:117 Resp: 19106
Ion Ratio Lower Upper
117 100
119 4.3 74.5 111.7#
121 0.0 24.2 36.4#

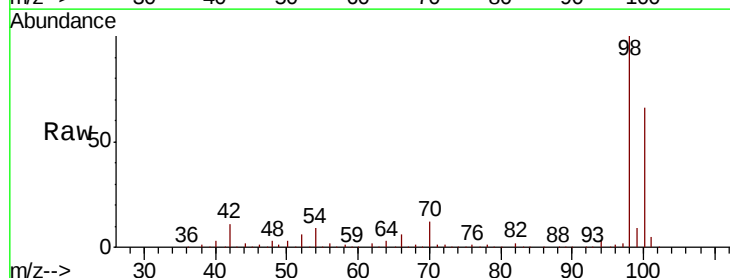


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

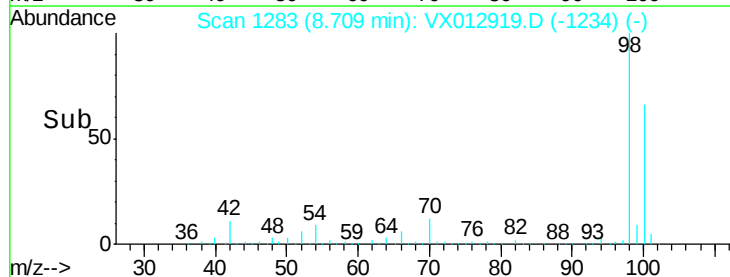
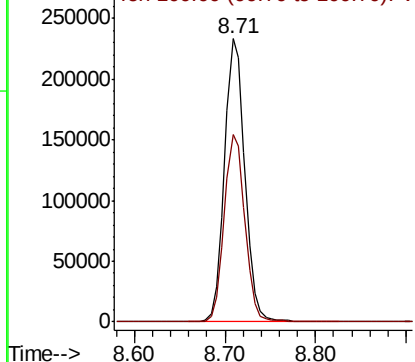


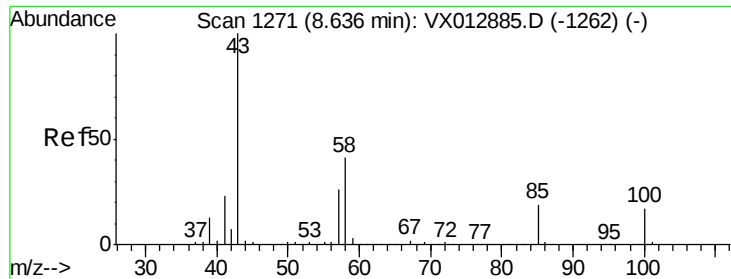
#50
Toluene-d8
Concen: 52.213 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

Tgt Ion: 98 Resp: 364683
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



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

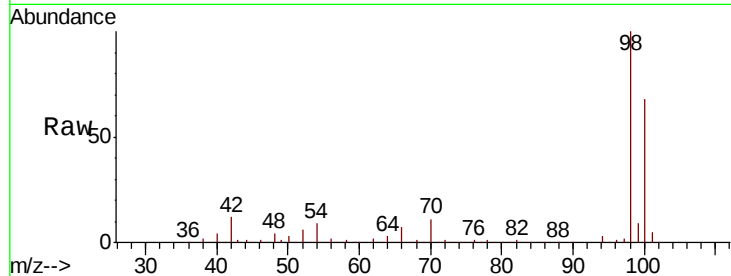




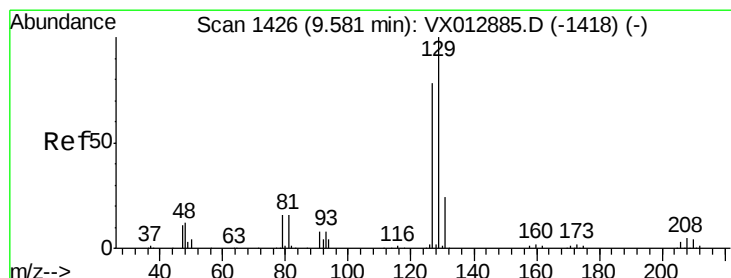
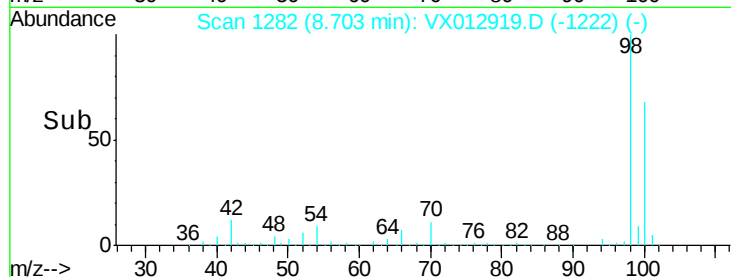
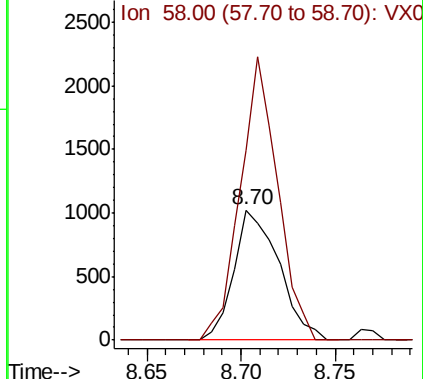
#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 8.70 min Scan# 1282
Delta R.T. 0.07 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

Tot Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
58 180.5 32.4 48.6#

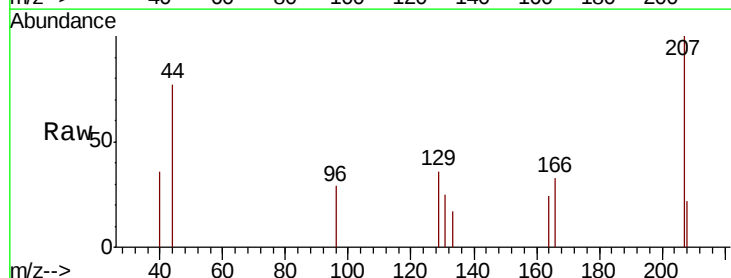


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

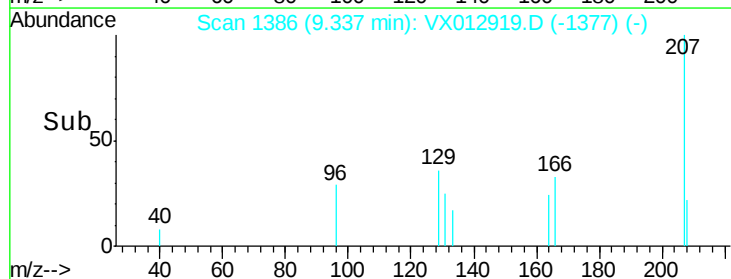
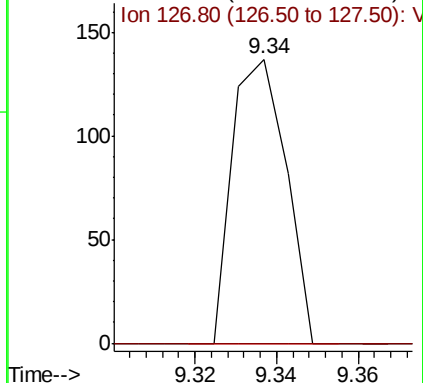


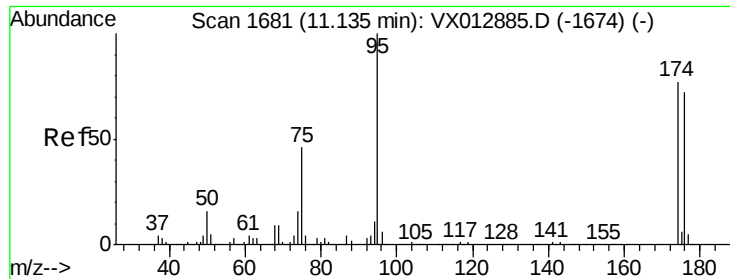
#60
Dibromochloromethane
Concen: 1.910 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. -0.24 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

Tgt Ion: 129 Resp: 125
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

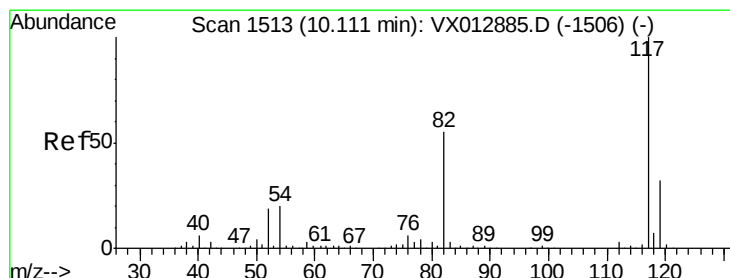
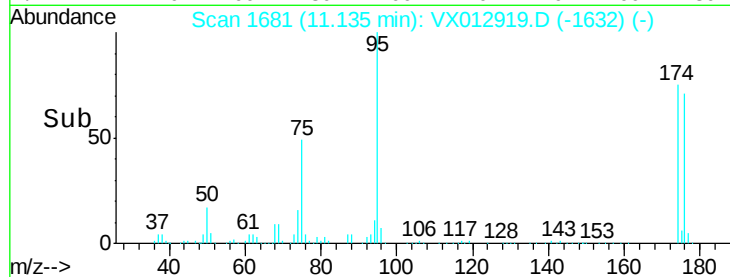
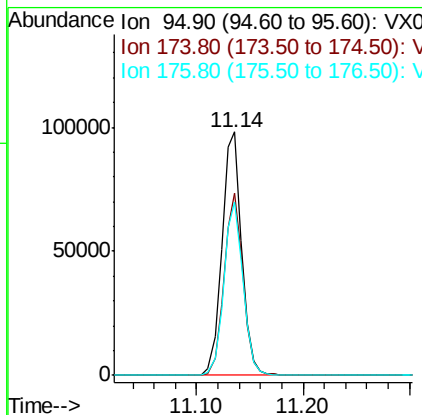
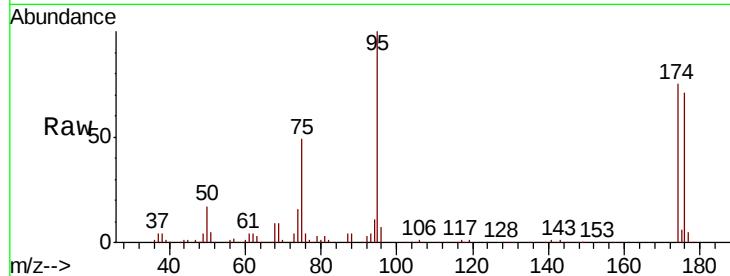




#62
4-Bromofluorobenzene
Concen: 46.395 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

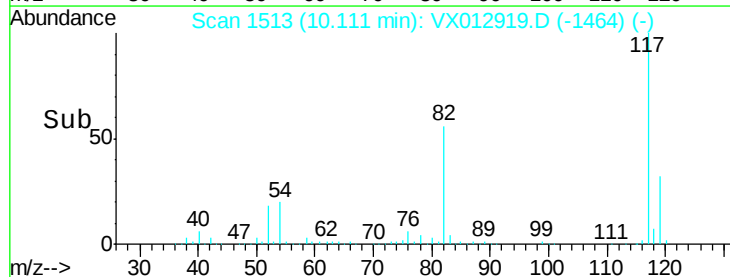
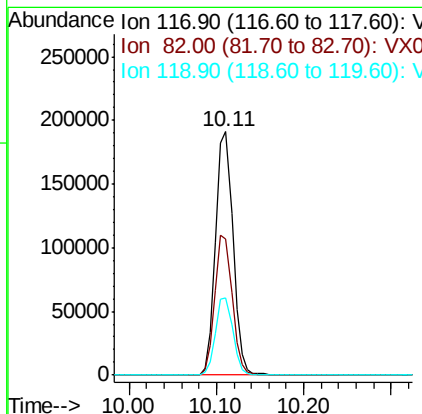
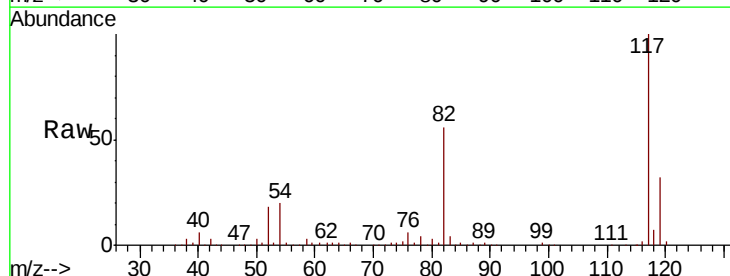
Instrument :
MSVOA_X
ClientSampled :
MW-102D

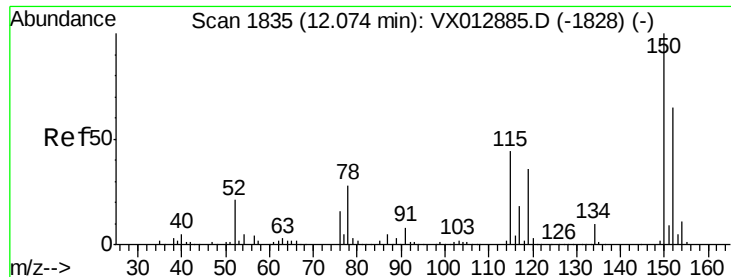
Tot Ion: 95 Resp: 125913
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.4
176 69.9 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012919.D
Acq: 09 Oct 2019 03:55

Tgt Ion: 117 Resp: 264939
Ion Ratio Lower Upper
117 100
82 56.0 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: VX012919.D

Acq: 09 Oct 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

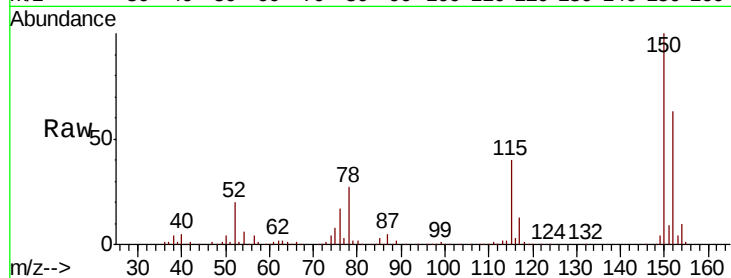
Tot Ion:152 Resp: 107112

Ion Ratio Lower Upper

152 100

115 64.1 44.5 133.5

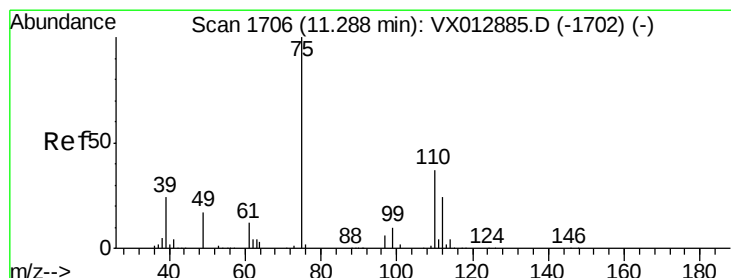
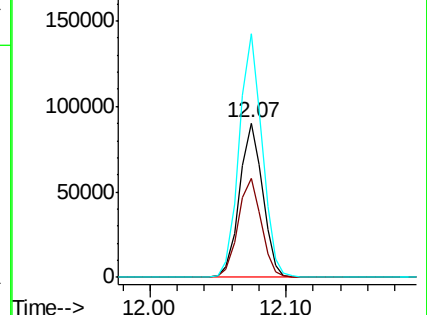
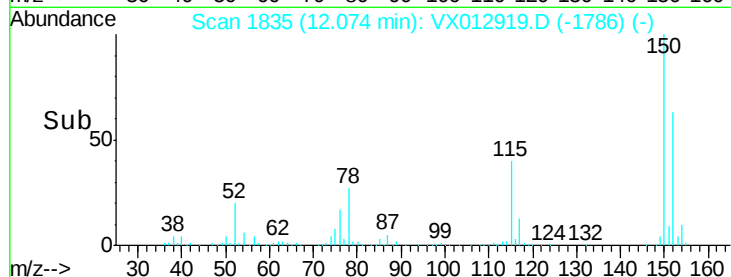
150 156.2 0.0 353.4



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: 26.476 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.15 min

Lab File: VX012919.D

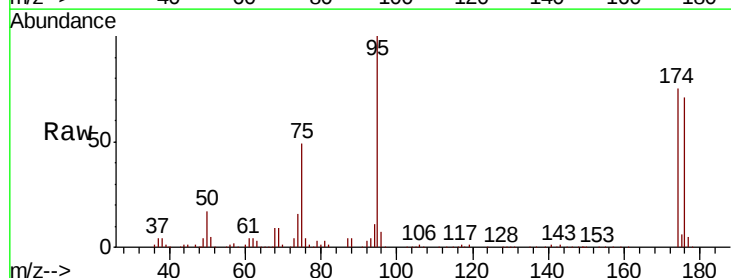
Acq: 09 Oct 2019 03:55

Tgt Ion: 75 Resp: 62900

Ion Ratio Lower Upper

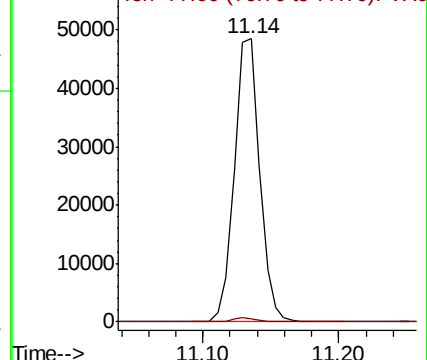
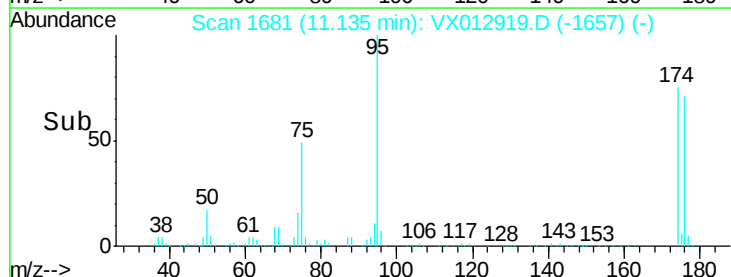
75 100

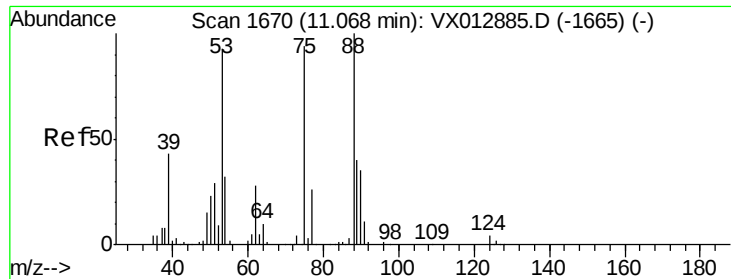
77 1.4 22.9 68.8#



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: 66.606 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012919.D

Acq: 09 Oct 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

Tot Ion: 75 Resp: 62900

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.4 56.2#

