

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012804.D
 Acq On : 04 Oct 2019 12:18
 Operator : JC/SP
 Sample : VX1004MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBL01

Quant Time: Oct 05 04:20:06 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	5.64	168	177628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91367	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	118382	45.77	ug/l	0.00
Spiked Amount						
			Recovery	=	91.54%	
35) Dibromofluoromethane	5.49	113	90474	50.55	ug/l	0.00
Spiked Amount						
			Recovery	=	101.10%	
50) Toluene-d8	8.71	98	354522	51.44	ug/l	0.00
Spiked Amount						
			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.13	95	115482	42.61	ug/l	0.00
Spiked Amount						
			Recovery	=	85.22%	

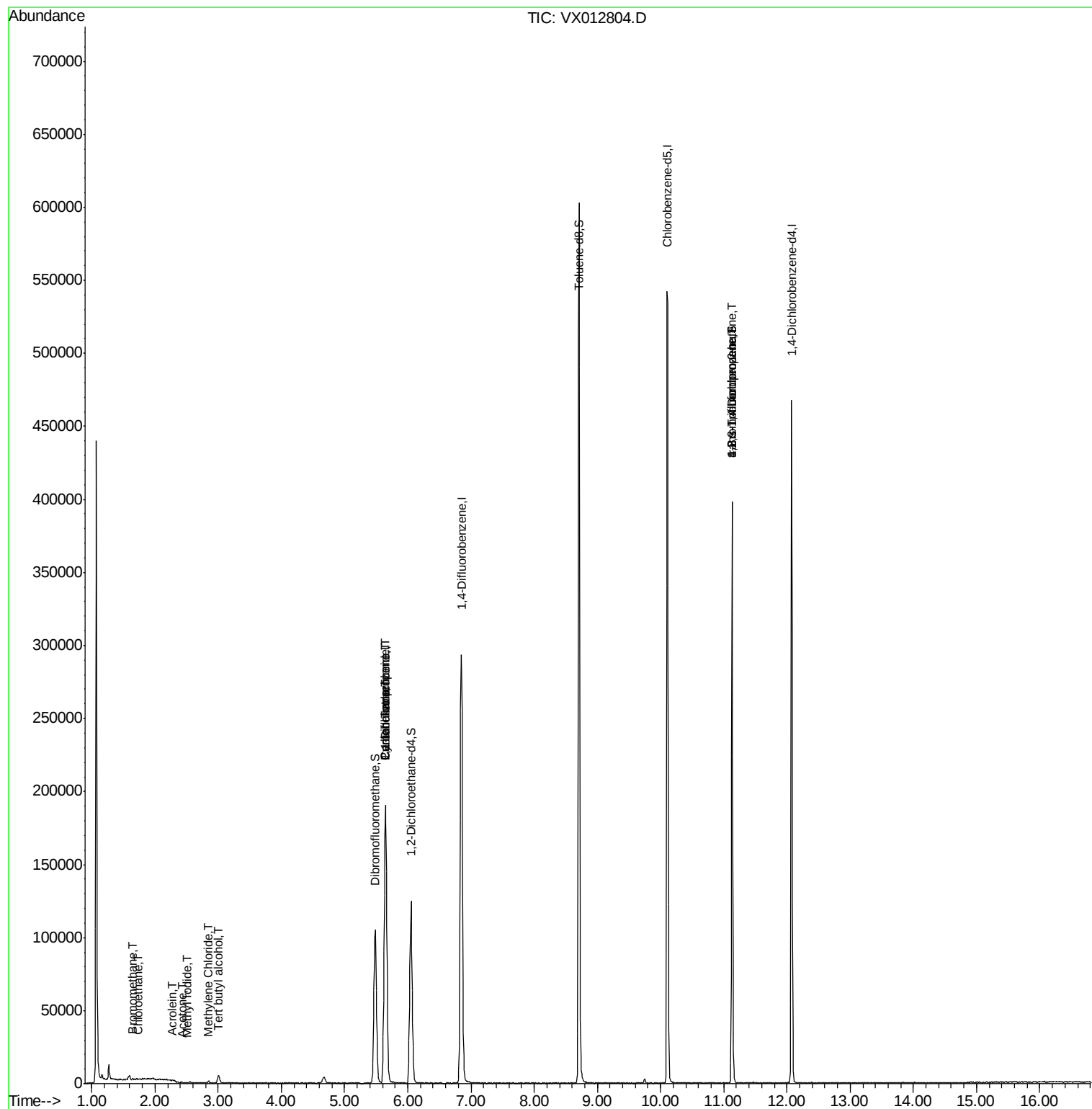
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	434	0.484	ug/l #	43
6) Chloroethane	1.73	64	411	0.267	ug/l #	45
10) Methyl Iodide	2.51	142	315	5.091	ug/l #	85
11) Tert butyl alcohol	3.00	59	3725	5.765	ug/l #	76
13) Acrolein	2.28	56	151	10.635	ug/l #	56
16) Acetone	2.43	43	388	0.283	ug/l	98
20) Methylene Chloride	2.84	84	640	0.276	ug/l #	76
31) Cyclohexane	5.65	56	3705	1.029	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14726	5.084	ug/l #	51
38) Carbon Tetrachloride	5.64	117	18794	6.387	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	59625	24.670	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	59625	70.699	ug/l #	8

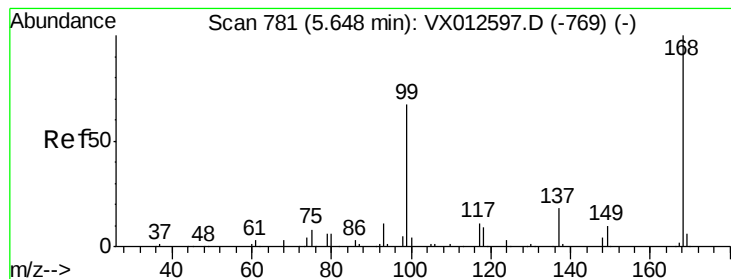
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
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Quant Time: Oct 05 04:20:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

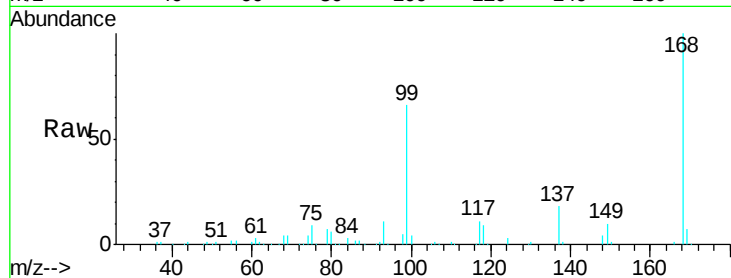
VX1004MBL01

Tgt Ion:168 Resp: 177628

Ion Ratio Lower Upper

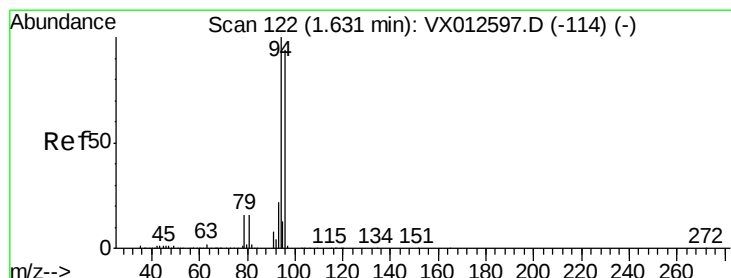
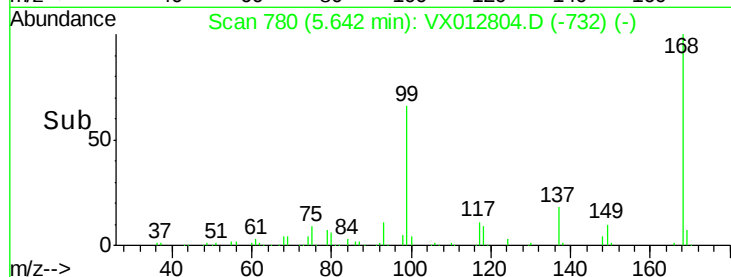
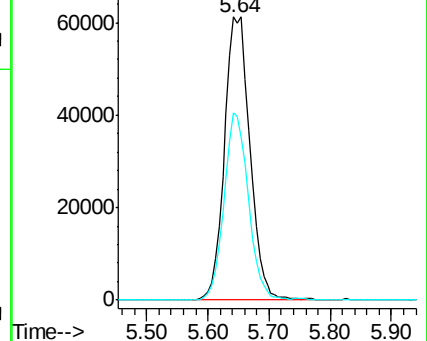
168 100

99 66.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.484 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012804.D

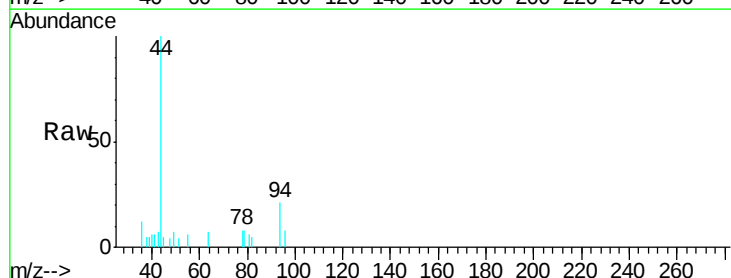
Acq: 04 Oct 2019 12:18

Tgt Ion: 94 Resp: 434

Ion Ratio Lower Upper

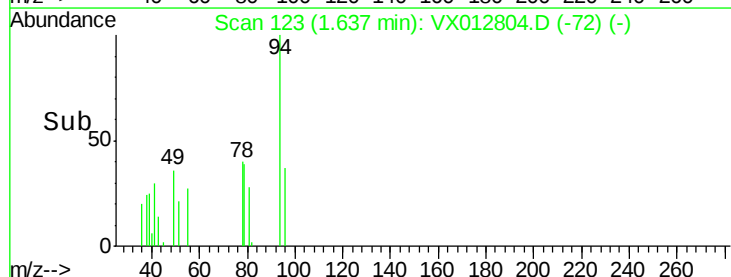
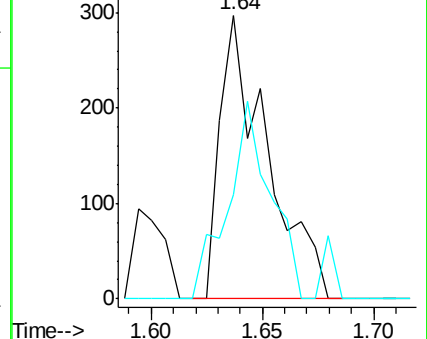
94 100

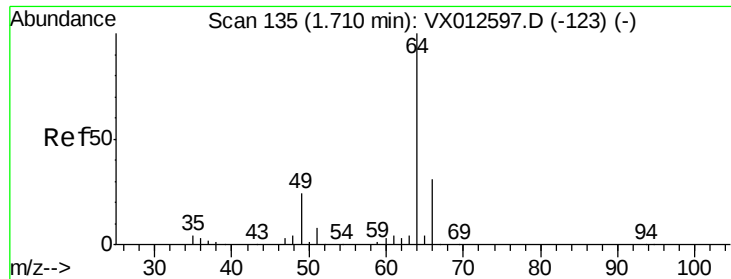
96 36.7 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.267 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.02 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

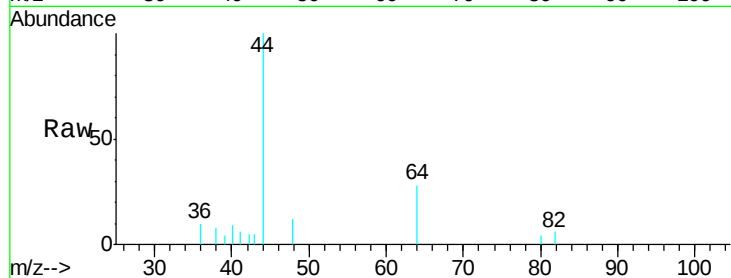
VX1004MBL01

Tgt Ion: 64 Resp: 411

Ion Ratio Lower Upper

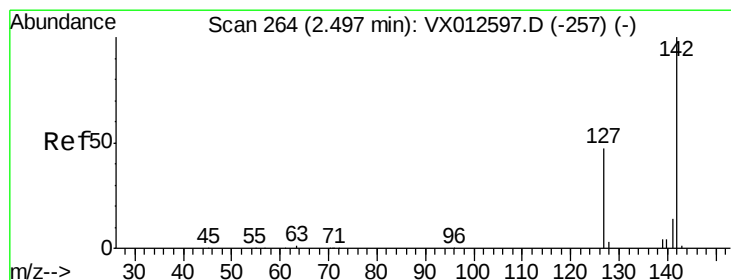
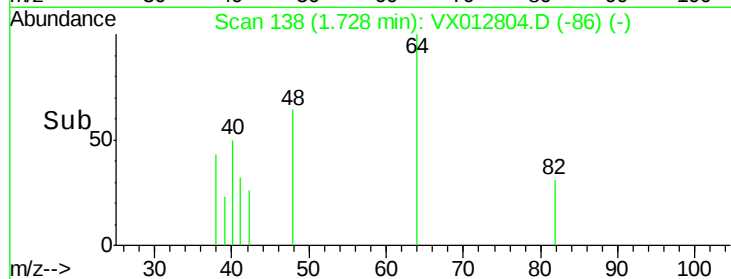
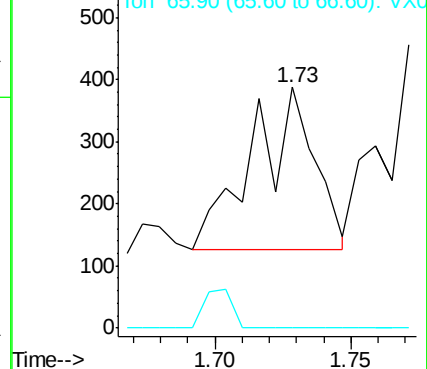
64 100

66 0.0 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 5.091 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

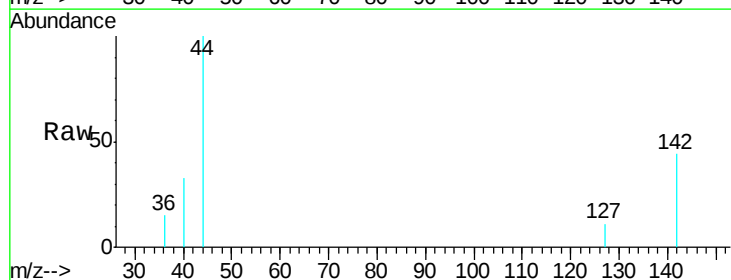
Tgt Ion: 142 Resp: 315

Ion Ratio Lower Upper

142 100

127 41.6 40.8 61.2

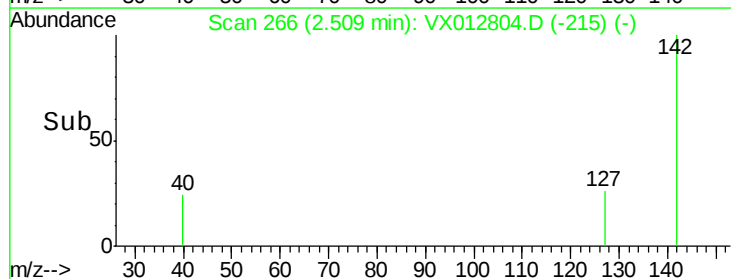
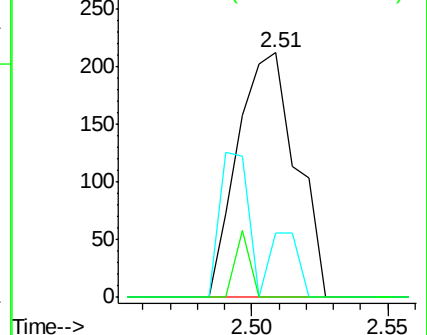
141 6.7 12.1 18.1#

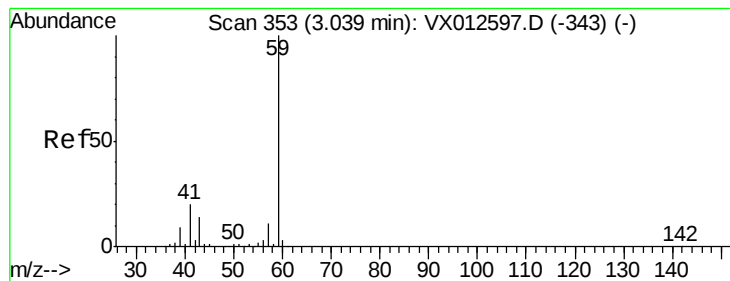


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



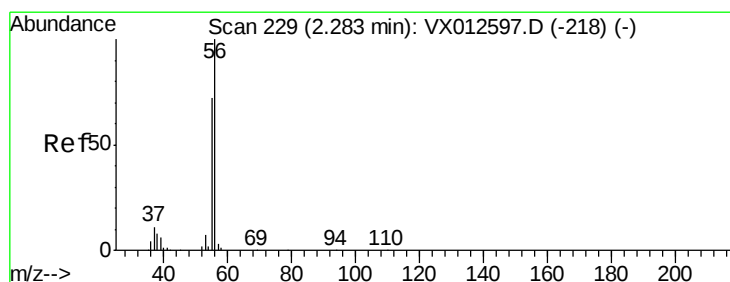
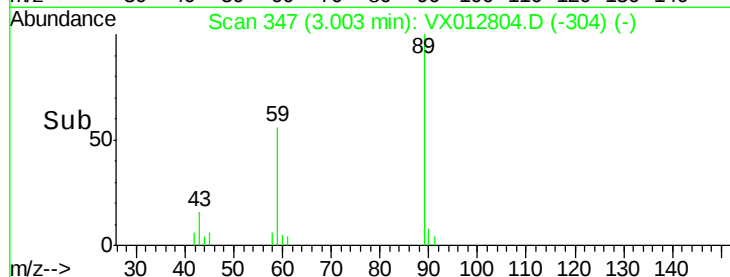
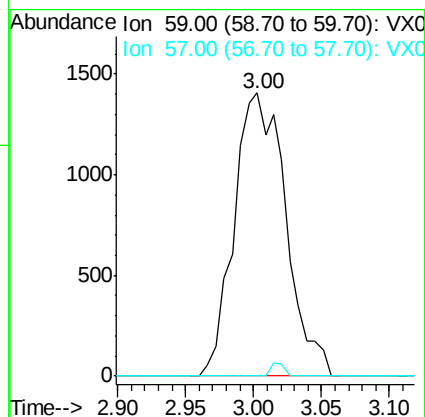
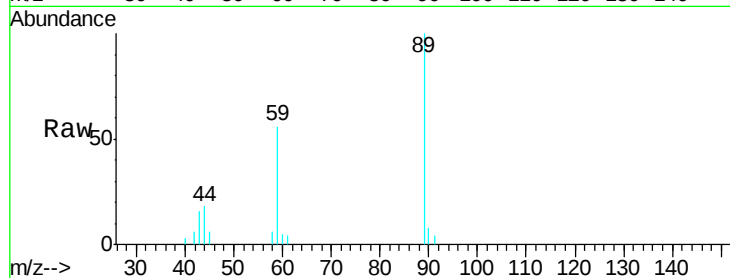


#11

Tert butyl alcohol
 Concen: 5.765 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.04 min
 Lab File: VX012804.D
 Acq: 04 Oct 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBL01

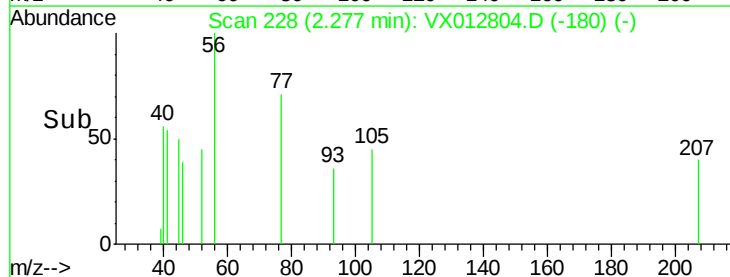
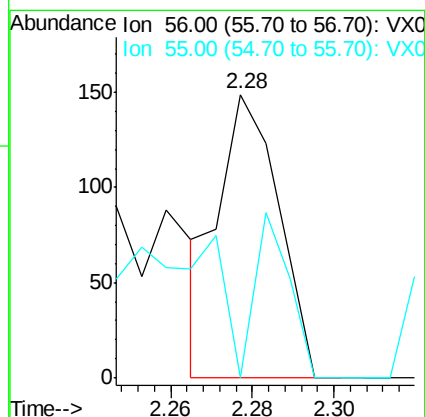
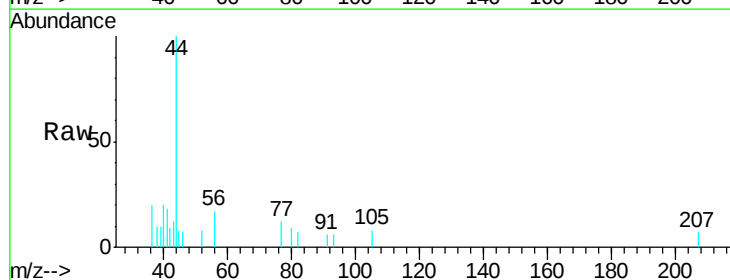
Tgt Ion: 59 Resp: 3725
 Ion Ratio Lower Upper
 59 100
 57 1.3 8.3 12.5#

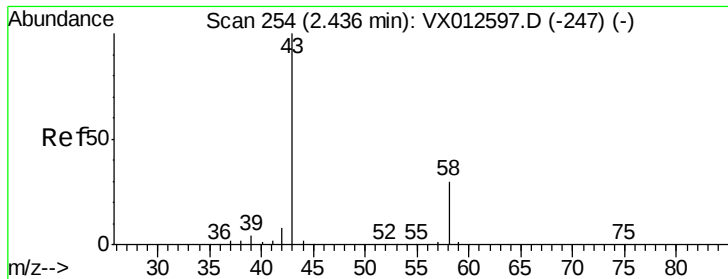


#13

Acrolein
 Concen: 10.635 ug/l
 RT: 2.28 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VX012804.D
 Acq: 04 Oct 2019 12:18

Tgt Ion: 56 Resp: 151
 Ion Ratio Lower Upper
 56 100
 55 33.8 55.8 83.8#





#16

Acetone

Concen: 0.283 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

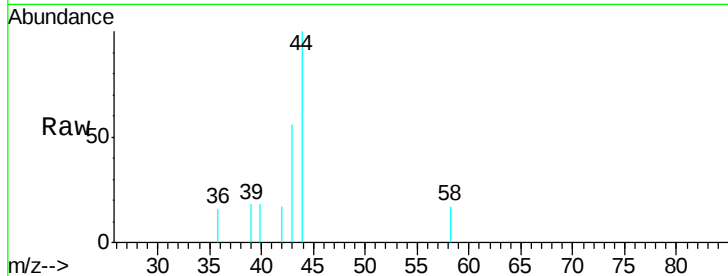
VX1004MBL01

Tgt Ion: 43 Resp: 388

Ion Ratio Lower Upper

43 100

58 30.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

250

200

150

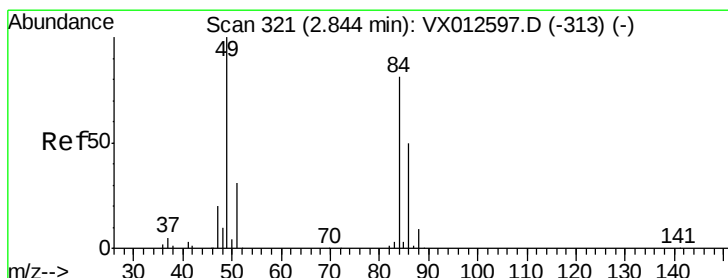
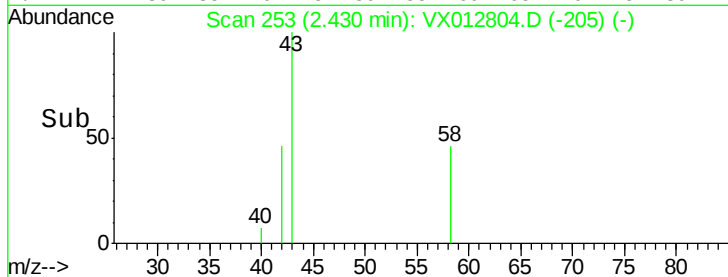
100

50

0

2.40 2.45

Time-->



#20

Methylene Chloride

Concen: 0.276 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

Tgt Ion: 84 Resp: 640

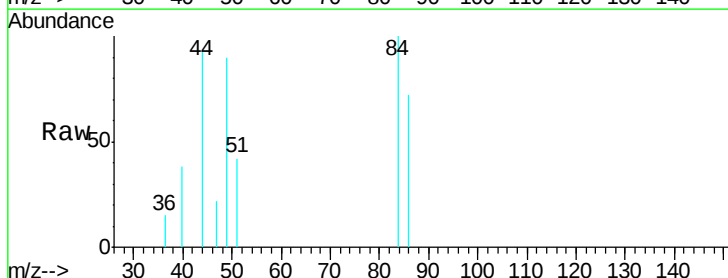
Ion Ratio Lower Upper

84 100

49 89.6 106.8 160.2#

51 41.5 32.3 48.5

86 71.5 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

600

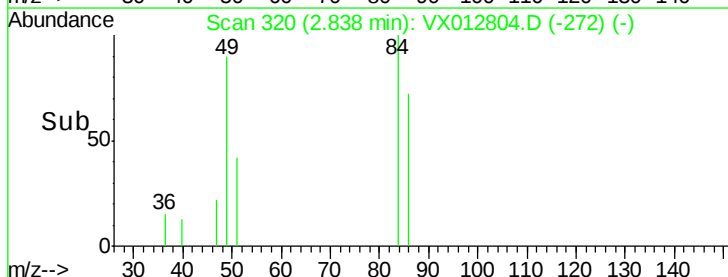
400

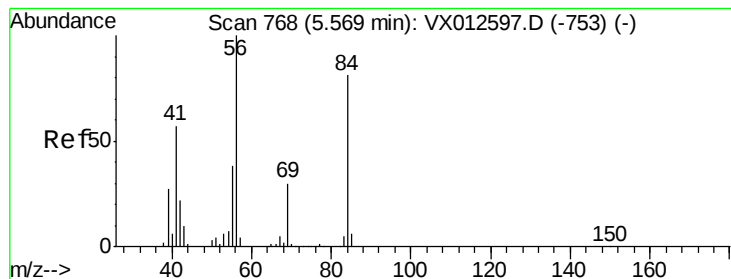
200

0

2.80 2.85 2.90

Time-->





#31

Cyclohexane

Concen: 1.029 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.08 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBL01

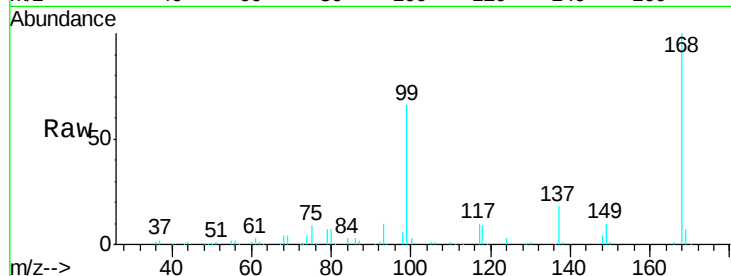
Tgt Ion: 56 Resp: 3705

Ion Ratio Lower Upper

56 100

69 176.5 25.0 37.6#

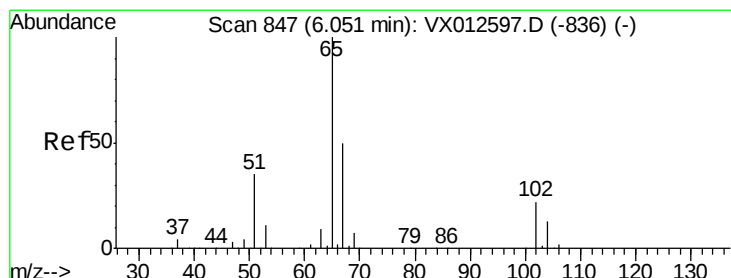
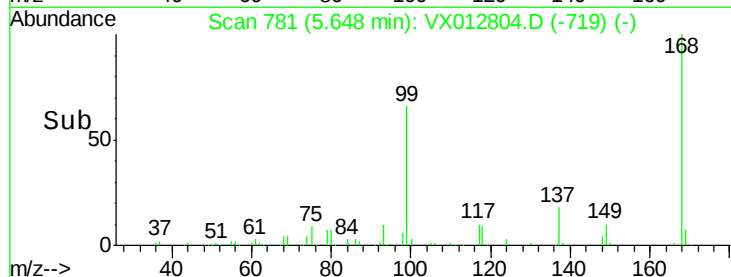
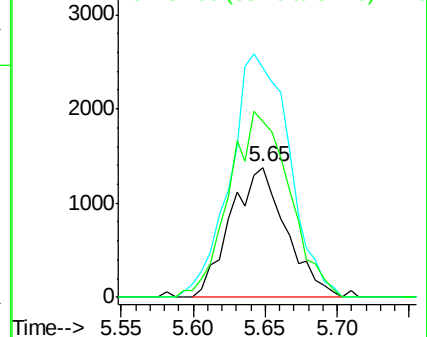
84 135.3 66.4 99.6#



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: 45.767 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012804.D

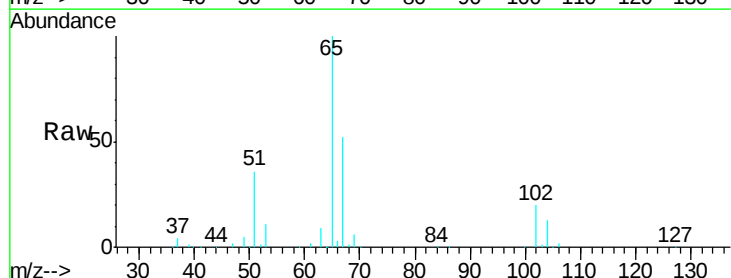
Acq: 04 Oct 2019 12:18

Tgt Ion: 65 Resp: 118382

Ion Ratio Lower Upper

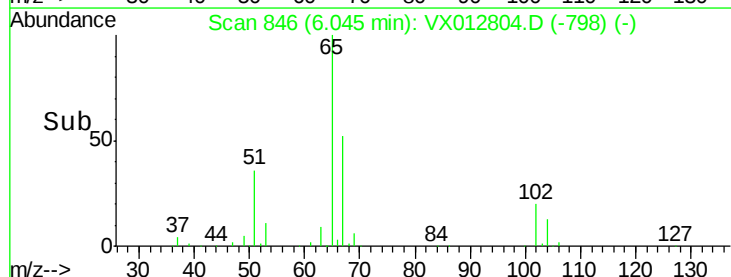
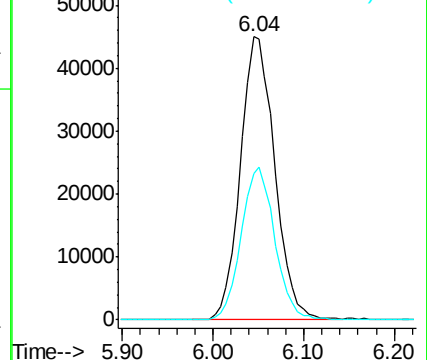
65 100

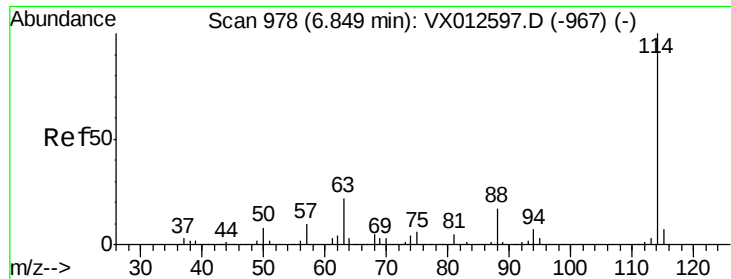
67 52.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

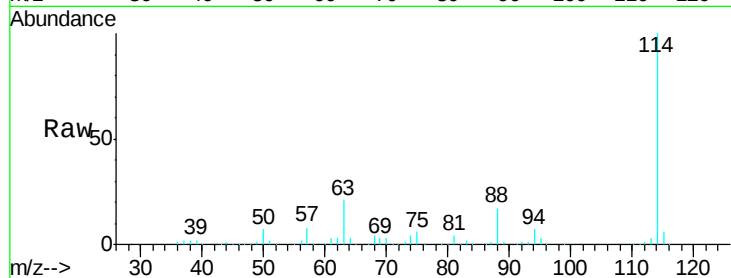




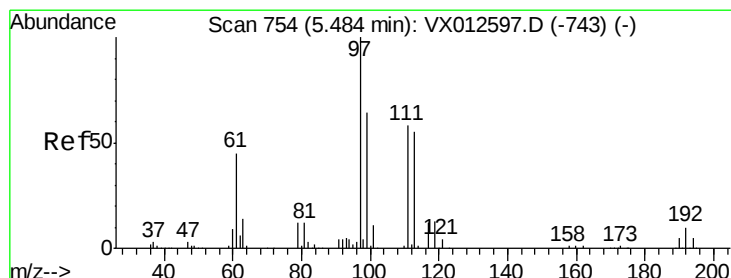
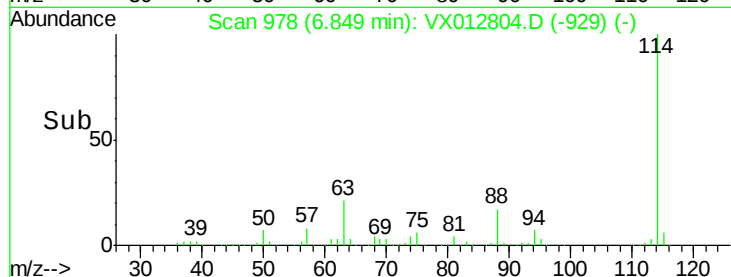
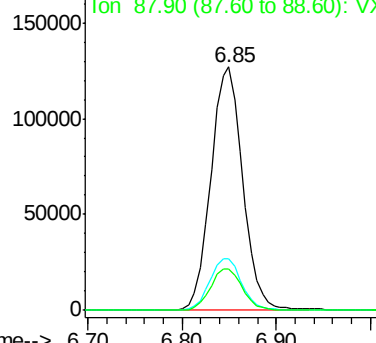
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012804.D
Acq: 04 Oct 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion:114 Resp: 300514
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 17.2 0.0 33.2

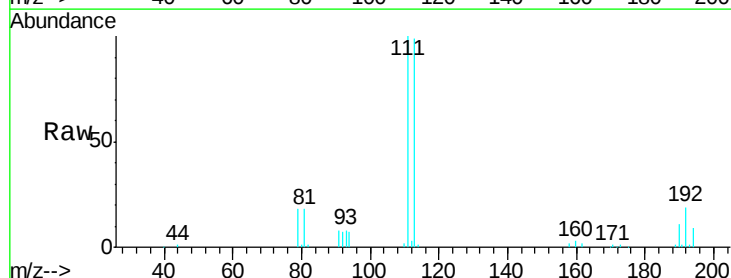


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

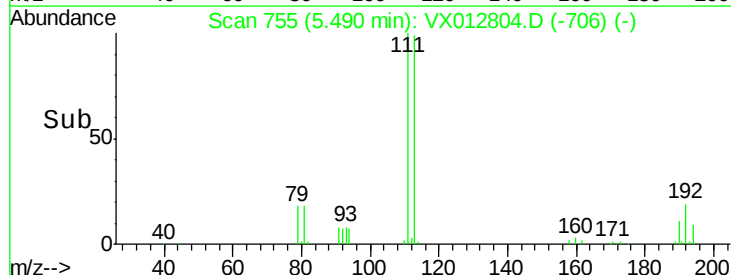
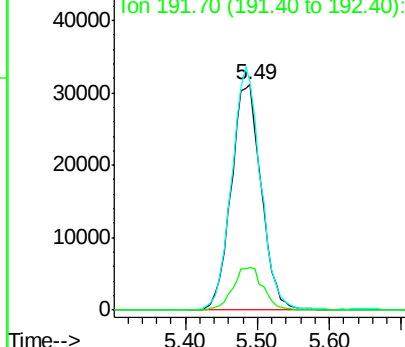


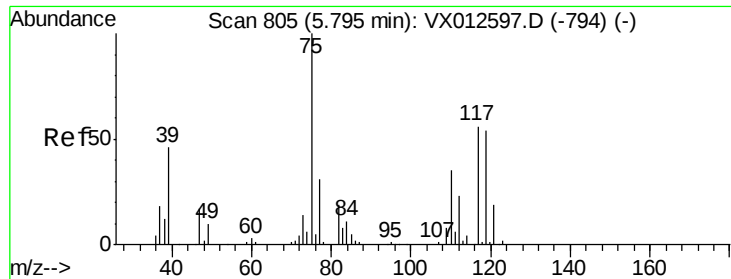
#35
Dibromofluoromethane
Concen: 50.553 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012804.D
Acq: 04 Oct 2019 12:18

Tgt Ion:113 Resp: 90474
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 18.9 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

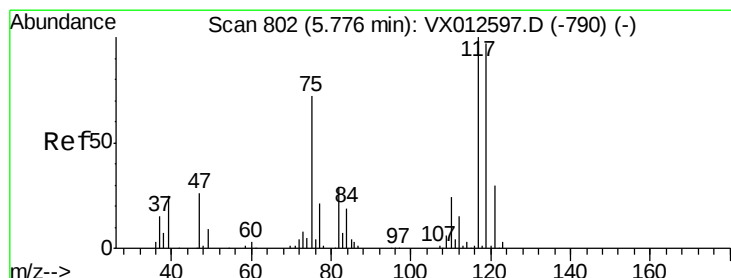
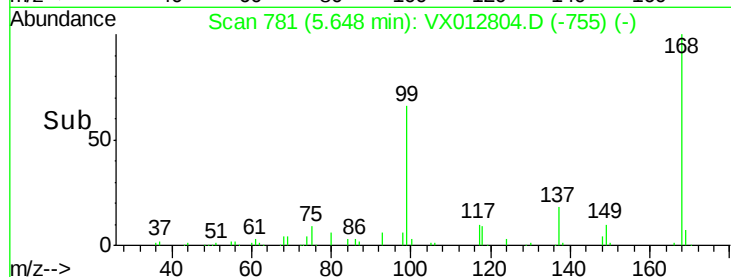
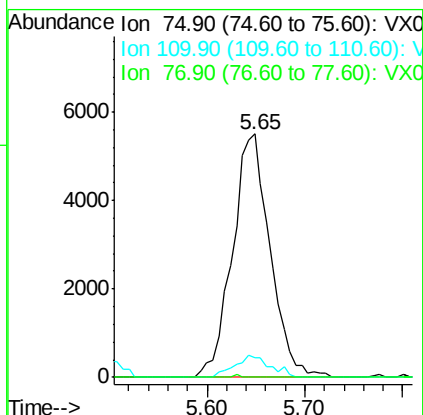
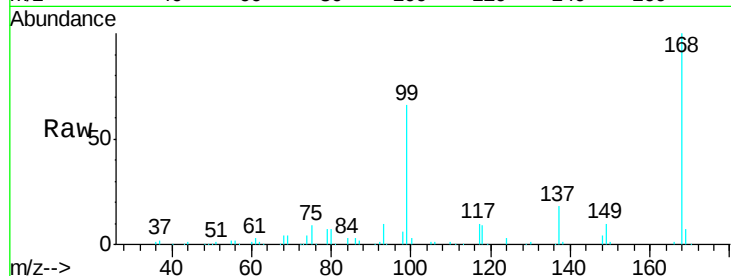




#36
 1,1-Dichloropropene
 Concen: 5.084 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012804.D
 Acq: 04 Oct 2019 12:18

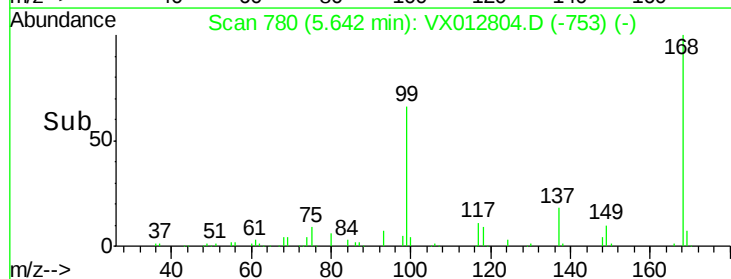
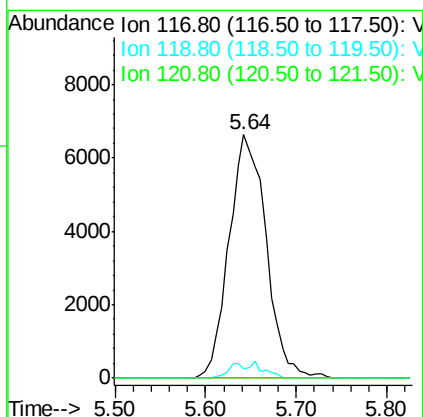
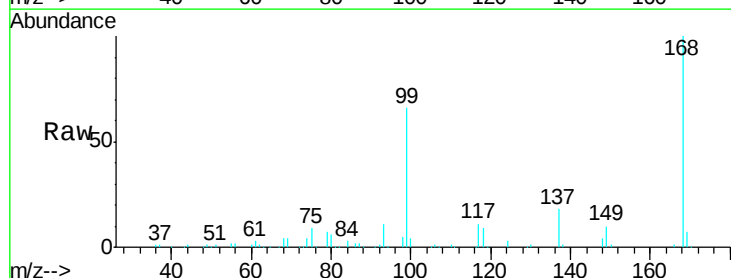
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBL01

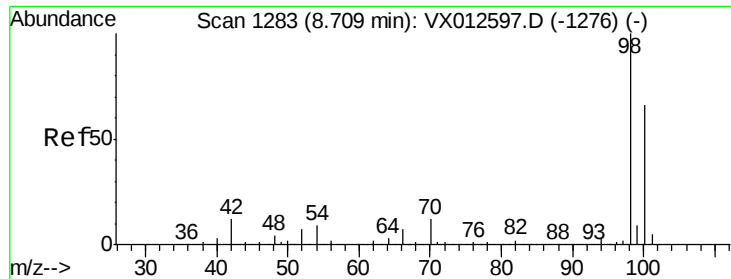
Tgt Ion: 75 Resp: 14726
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.7 50.0#
 77 0.1 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.387 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012804.D
 Acq: 04 Oct 2019 12:18

Tgt Ion: 117 Resp: 18794
 Ion Ratio Lower Upper
 117 100
 119 3.8 75.7 113.5#
 121 0.0 24.2 36.4#

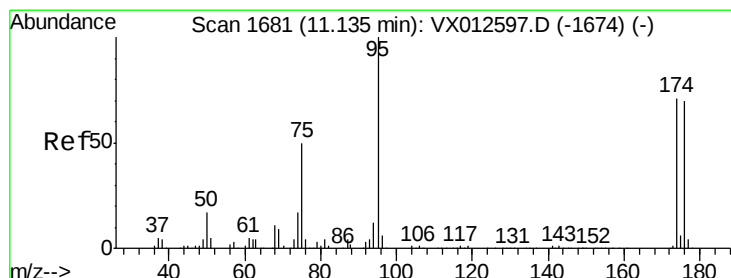
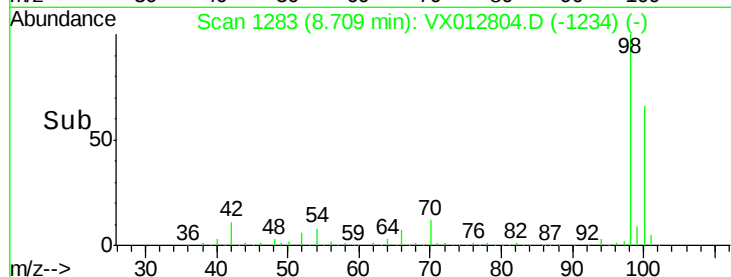
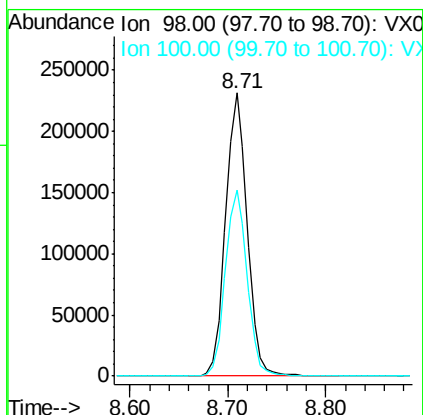
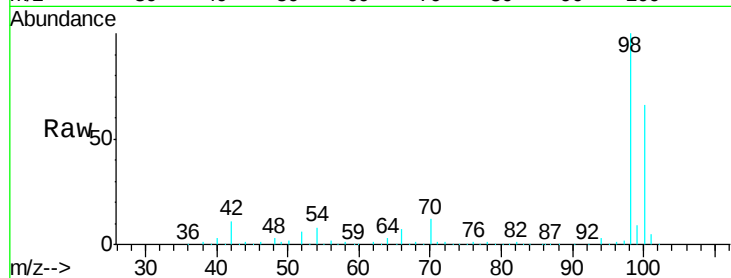




#50
Toluene-d8
Concen: 51.438 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012804.D
Acq: 04 Oct 2019 12:18

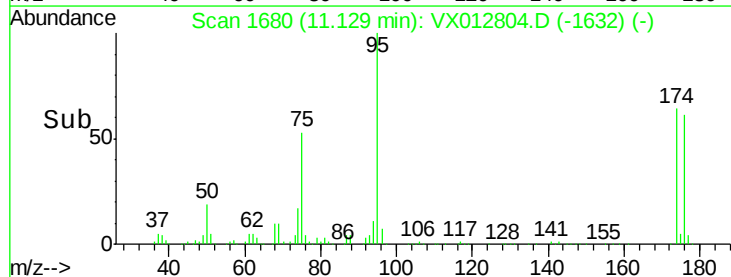
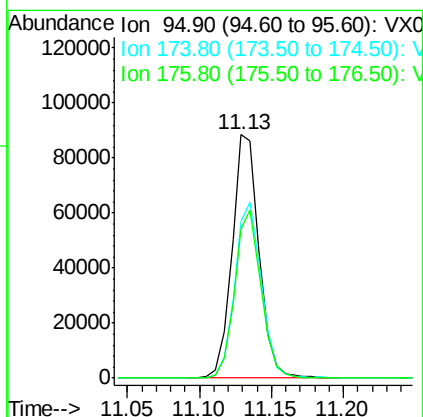
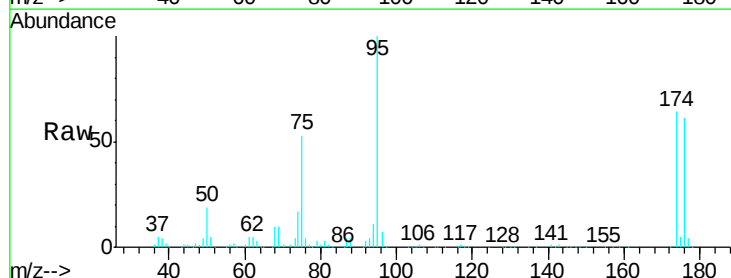
Instrument :
MSVOA_X
ClientSampled :
VX1004MBL01

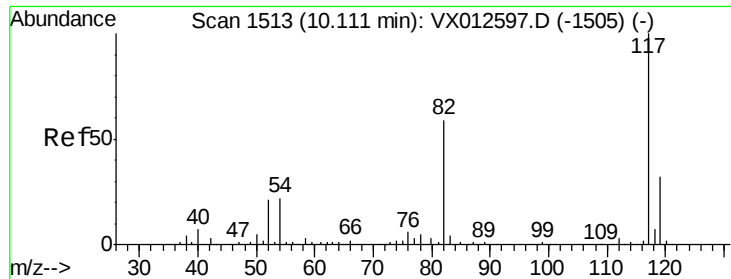
Tgt Ion: 98 Resp: 354522
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 42.613 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012804.D
Acq: 04 Oct 2019 12:18

Tgt Ion: 95 Resp: 115482
Ion Ratio Lower Upper
95 100
174 71.3 0.0 140.0
176 67.3 0.0 135.4

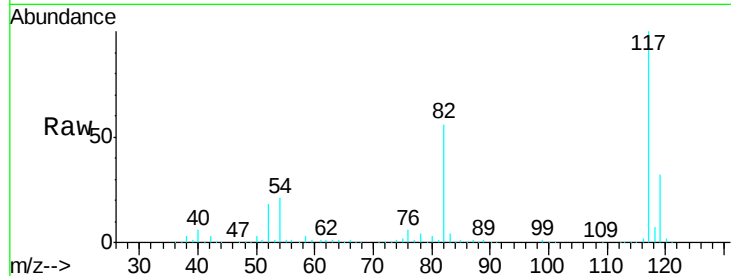




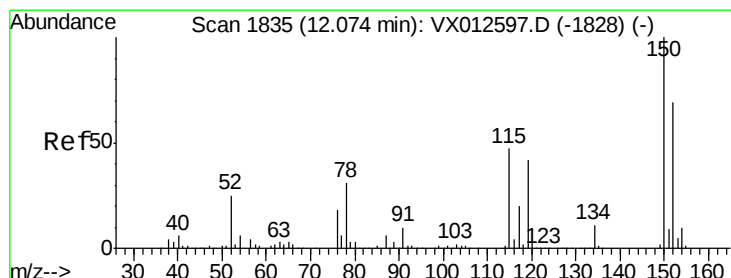
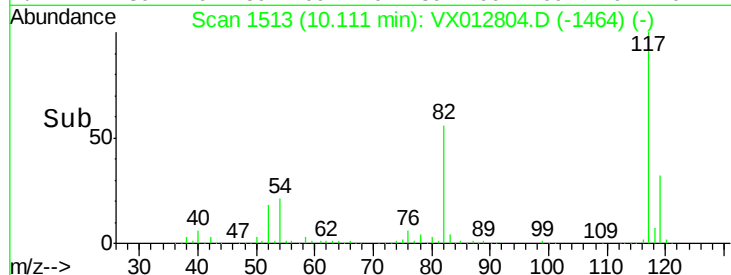
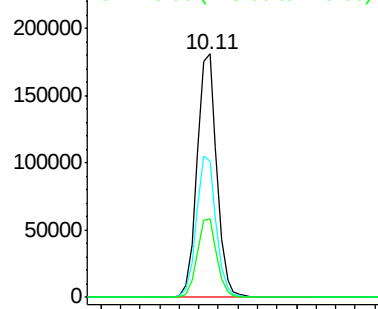
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012804.D
Acq: 04 Oct 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion:117 Resp: 252967
Ion Ratio Lower Upper
117 100
82 56.0 45.9 68.9
119 32.4 25.3 37.9

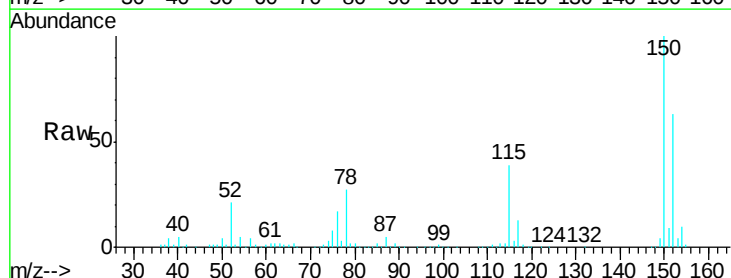


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

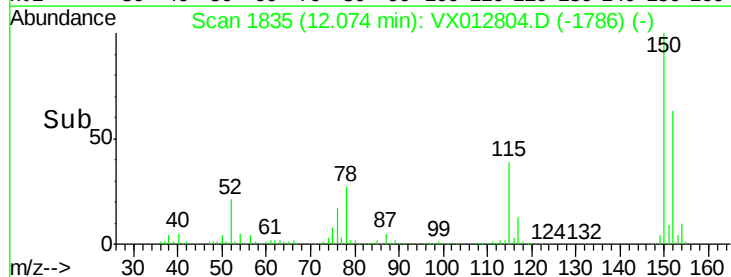
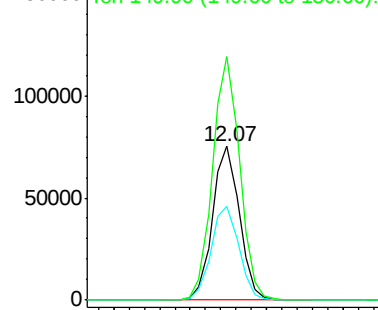


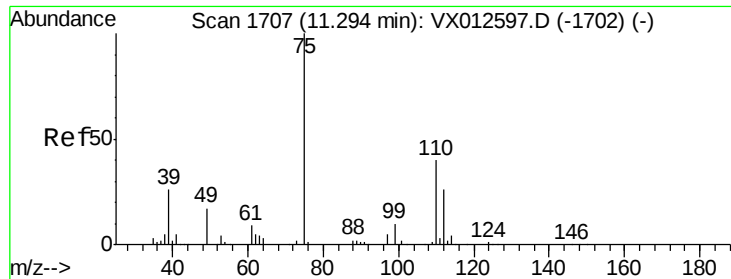
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012804.D
Acq: 04 Oct 2019 12:18

Tgt Ion:152 Resp: 91367
Ion Ratio Lower Upper
152 100
115 63.5 44.1 132.3
150 159.2 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: 24.670 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

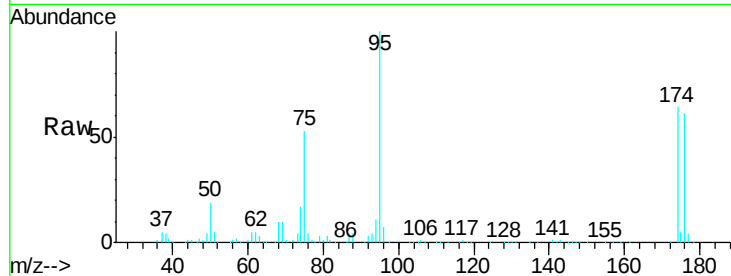
VX1004MBL01

Tgt Ion: 75 Resp: 59625

Ion Ratio Lower Upper

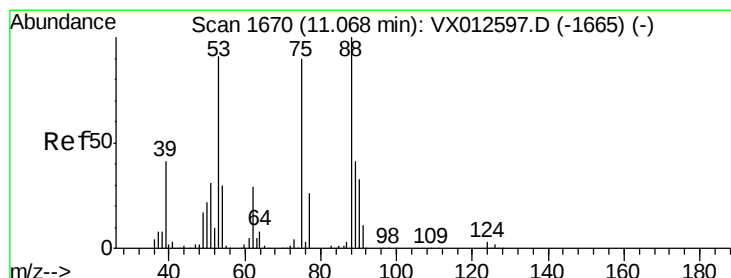
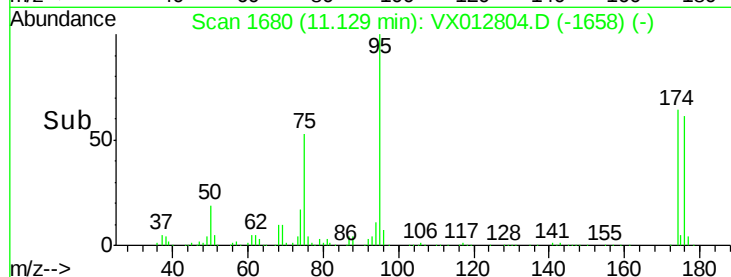
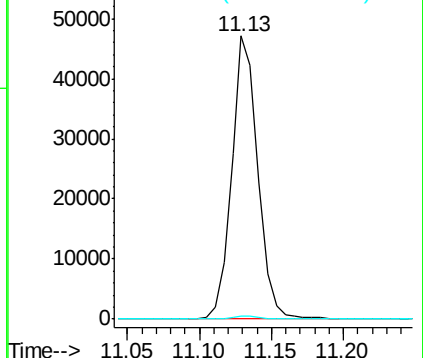
75 100

77 1.3 19.7 59.0#



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: 70.699 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

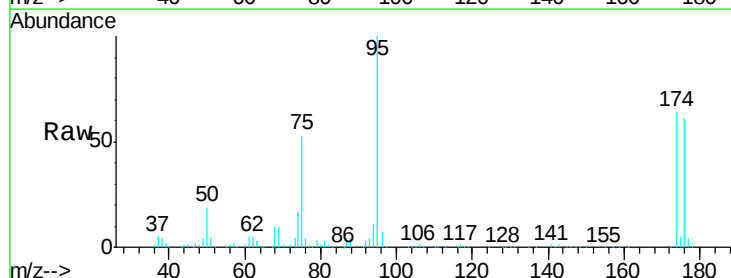
Tgt Ion: 75 Resp: 59625

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

