

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
 Data File : VX008881.D
 Acq On : 12 Apr 2019 13:10
 Operator : JC/SP
 Sample : K2366-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409

Quant Time: Apr 13 04:57:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113773	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	128336	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	
35) Dibromofluoromethane	5.50	113	91281	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	
50) Toluene-d8	8.71	98	390954	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	129470	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	

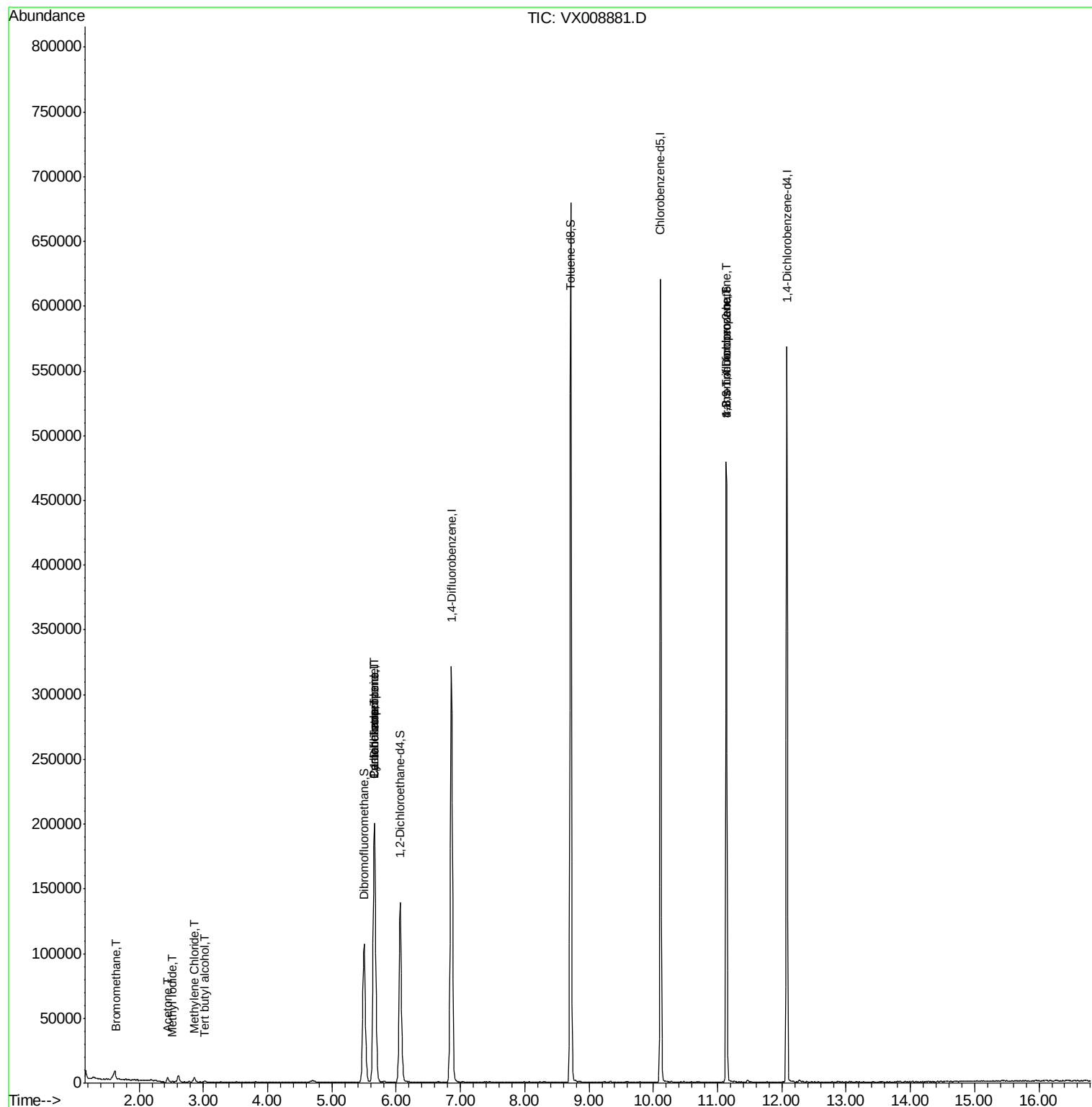
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	353	Below Cal	#	52
5) Bromomethane	1.64	94	345	2.107	ug/l #	78
6) Chloroethane	1.74	64	40	Below Cal	#	43
10) Methyl Iodide	2.51	142	163	4.079	ug/l #	42
11) Tert butyl alcohol	3.02	59	506	0.760	ug/l #	72
16) Acetone	2.45	43	3962	2.419	ug/l	99
17) Carbon Disulfide	2.57	76	637	Below Cal	#	75
20) Methylene Chloride	2.86	84	1407	0.513	ug/l	97
28) Bromochloromethane	4.98	49	25	Below Cal	#	22
31) Cyclohexane	5.65	56	4201	0.855	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15360	4.501	ug/l #	51
38) Carbon Tetrachloride	5.66	117	18685	6.615	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	65955	21.103	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	65955	58.170	ug/l #	9

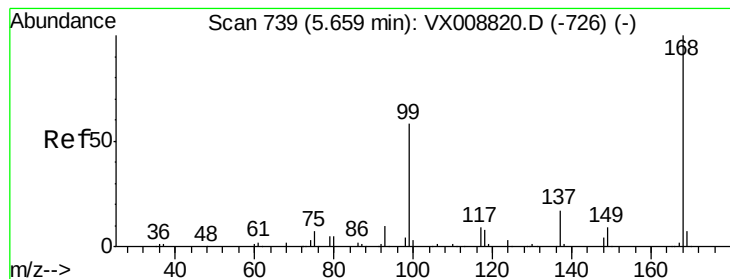
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041219\
Data File : VX008881.D
Acq On : 12 Apr 2019 13:10
Operator : JC/SP
Sample : K2366-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409

Quant Time: Apr 13 04:57:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008881.D

Acq: 12 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

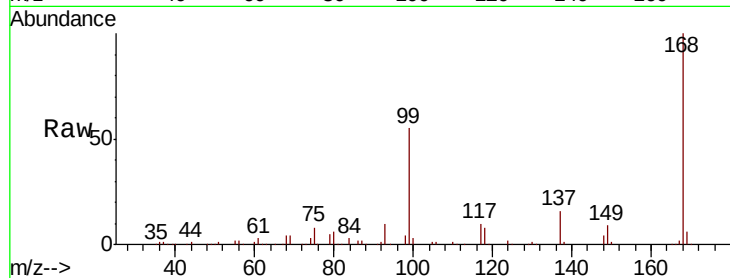
SA-PZ118I-20190409

Tot Ion:168 Resp: 194998

Ion Ratio Lower Upper

168 100

99 55.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

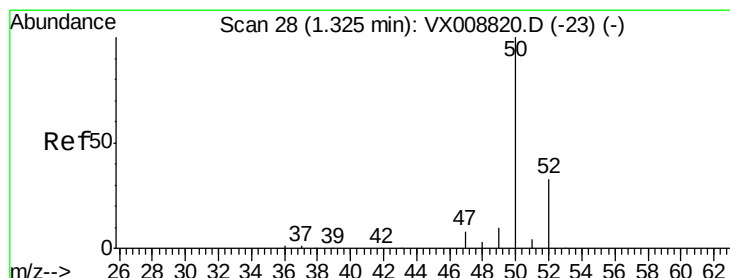
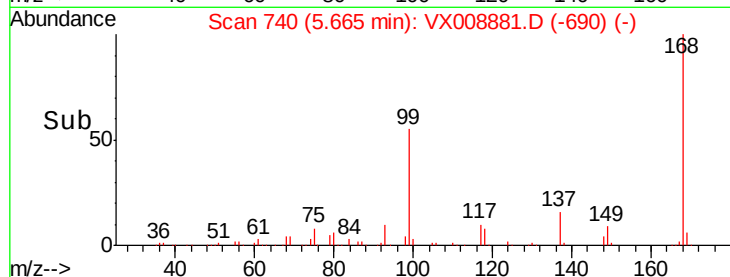
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008881.D

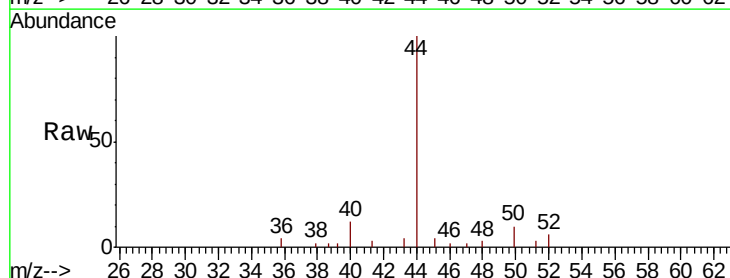
Acq: 12 Apr 2019 13:10

Tgt Ion: 50 Resp: 353

Ion Ratio Lower Upper

50 100

52 59.4 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

300

250

200

150

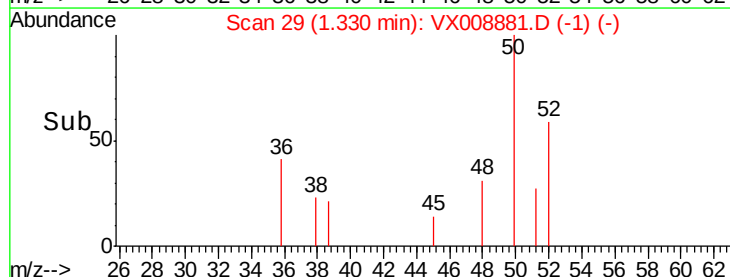
100

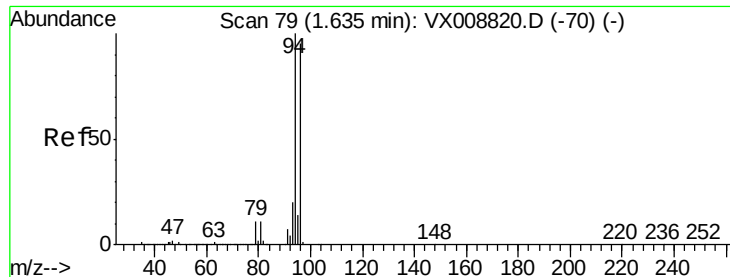
50

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 2.107 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008881.D

Acq: 12 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

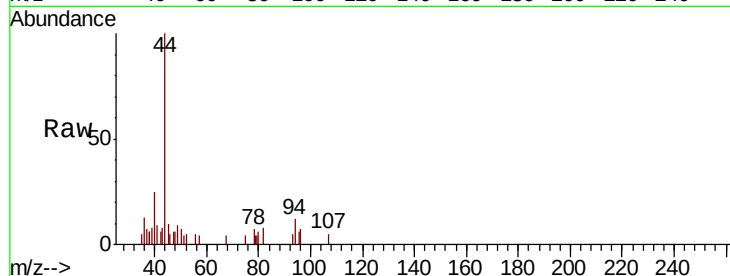
SA-PZ1181-20190409

Tot Ion: 94 Resp: 345

Ion Ratio Lower Upper

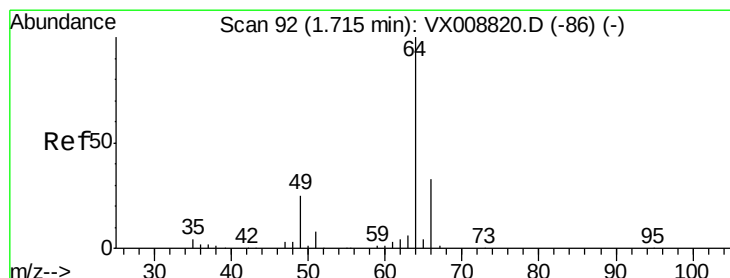
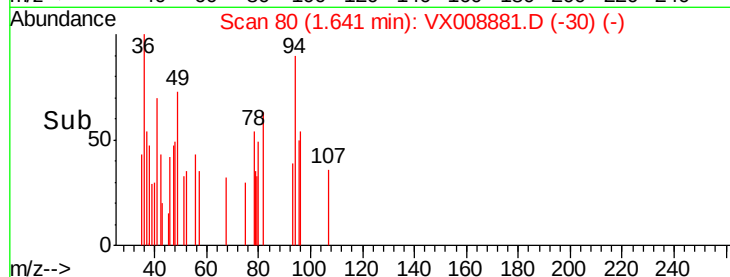
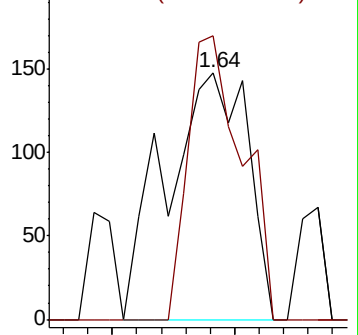
94 100

96 114.9 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 97

Delta R.T. 0.03 min

Lab File: VX008881.D

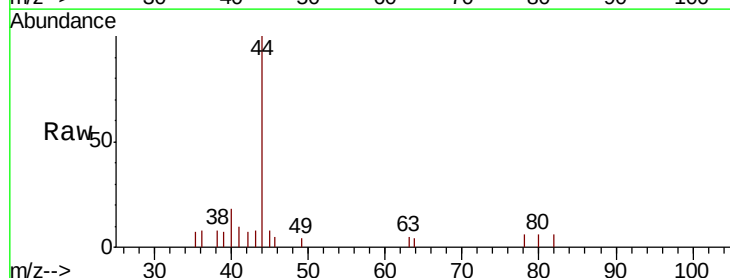
Acq: 12 Apr 2019 13:10

Tgt Ion: 64 Resp: 40

Ion Ratio Lower Upper

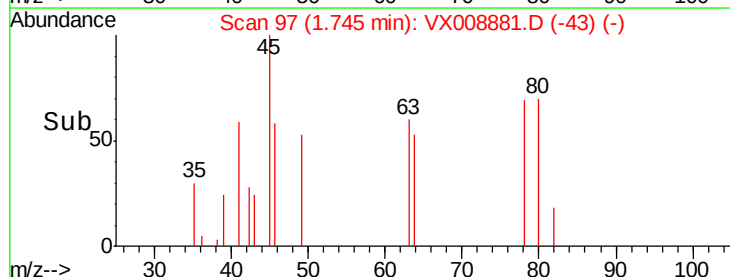
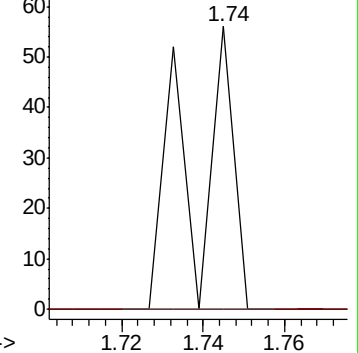
64 100

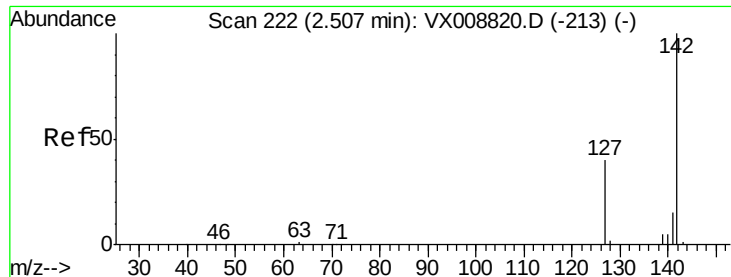
66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

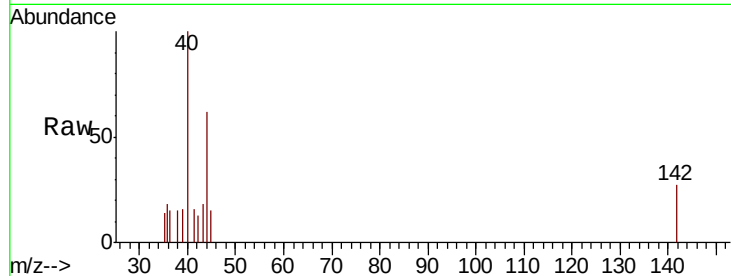




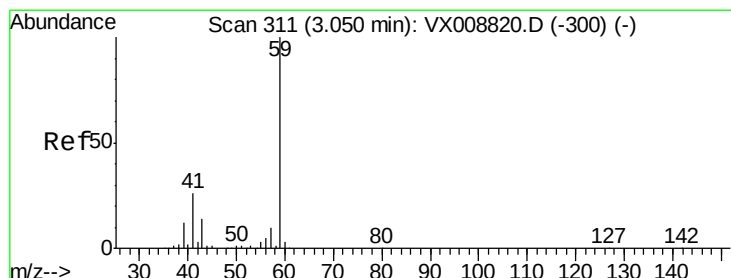
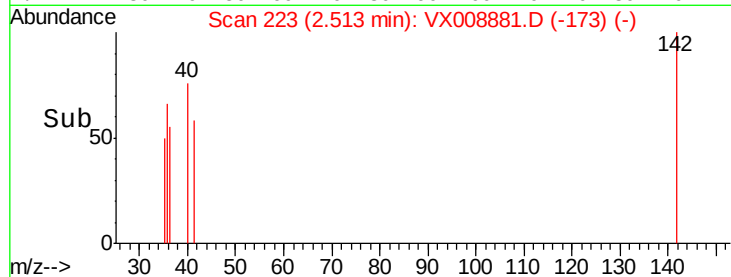
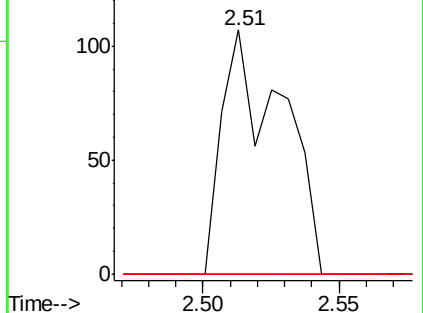
#10
Methvl Iodide
Concen: 4.079 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409

Tot Ion:142 Resp: 163
Ion Ratio Lower Upper
142 100
127 0.0 33.0 49.6#
141 0.0 11.4 17.2#

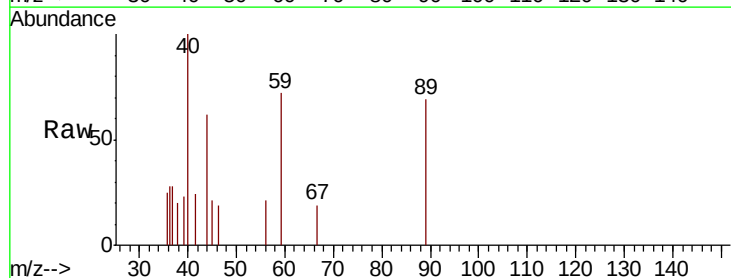


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

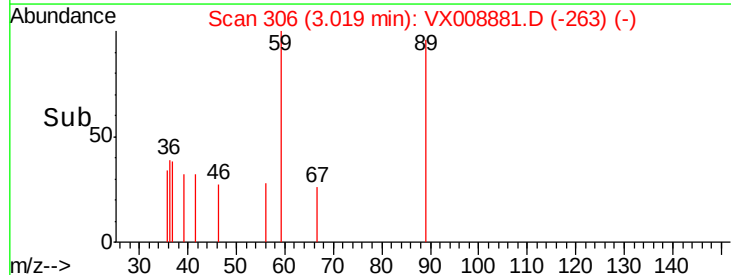
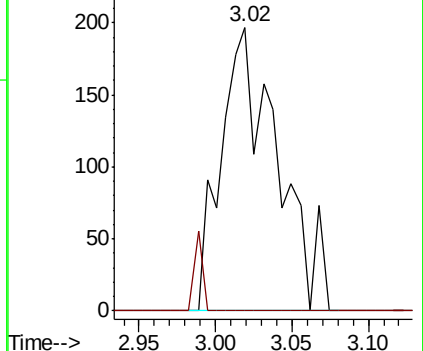


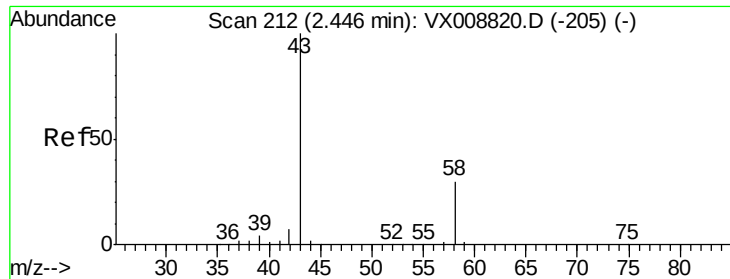
#11
Tert butyl alcohol
Concen: 0.760 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.04 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

Tgt Ion: 59 Resp: 506
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 2.419 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008881.D

Acq: 12 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

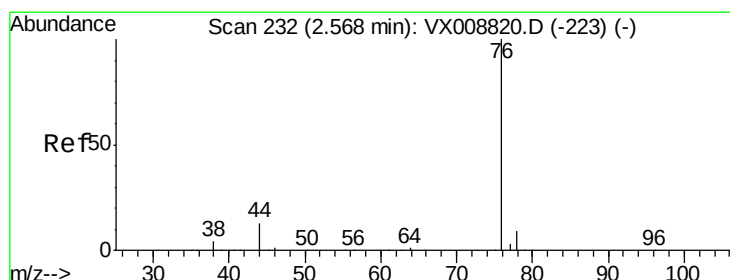
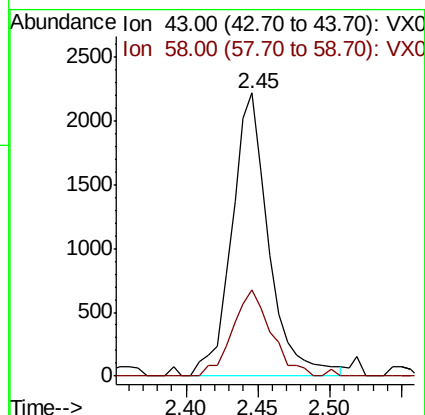
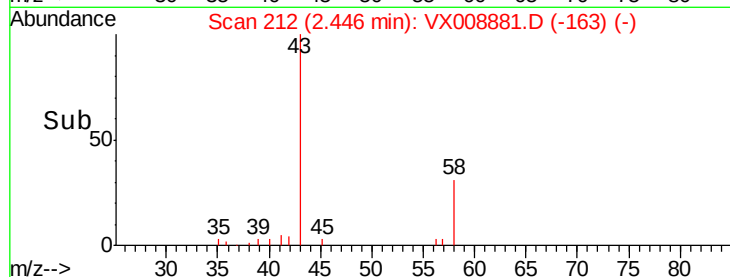
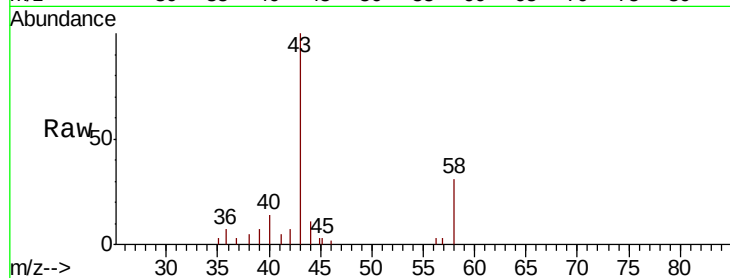
SA-PZ1181-20190409

Tot Ion: 43 Resp: 3962

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008881.D

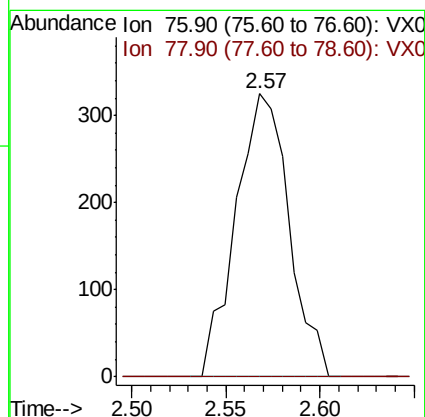
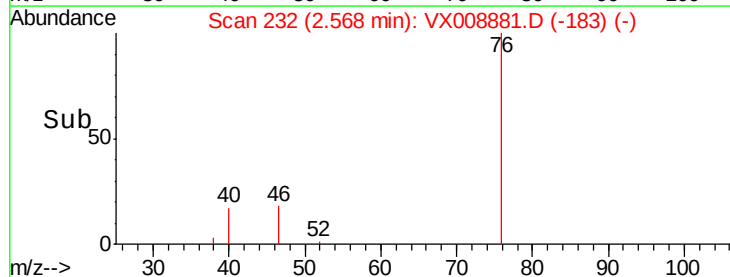
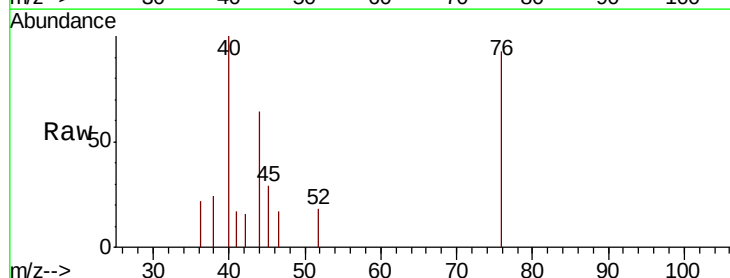
Acq: 12 Apr 2019 13:10

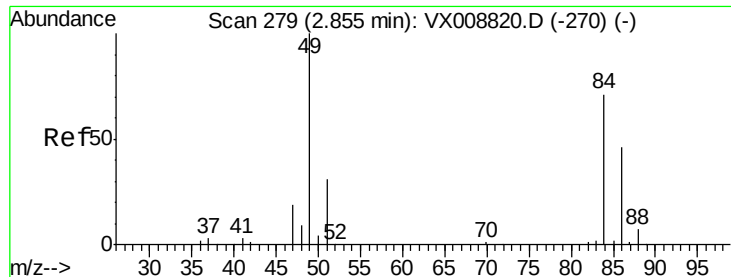
Tgt Ion: 76 Resp: 637

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

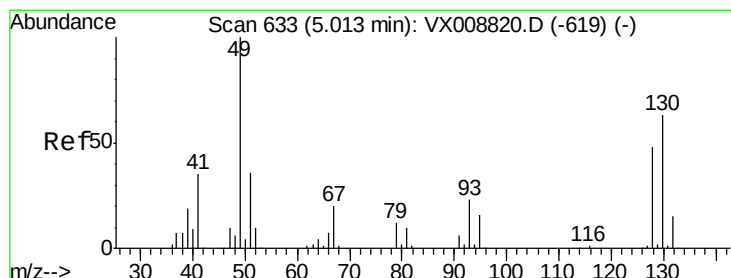
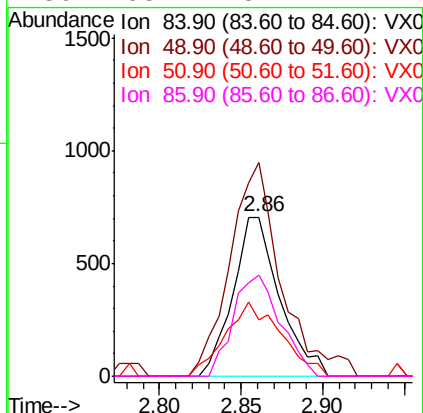
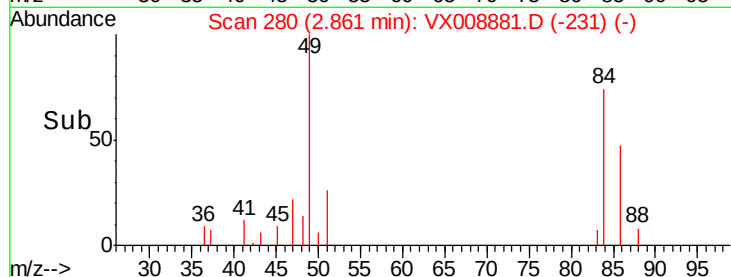
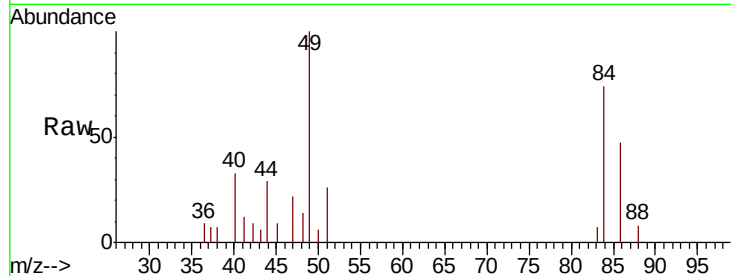




#20
Methylene Chloride
Concen: 0.513 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

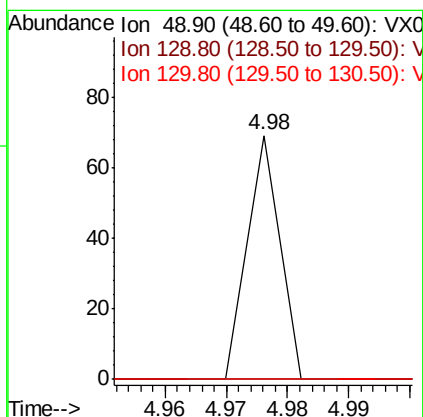
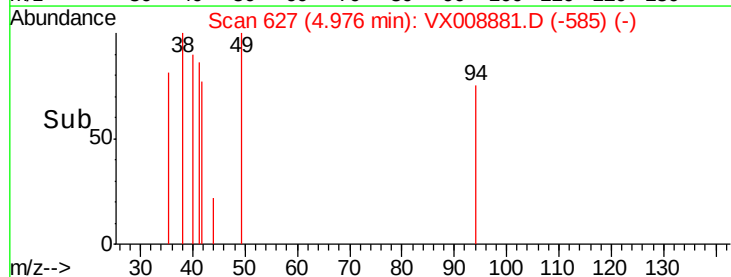
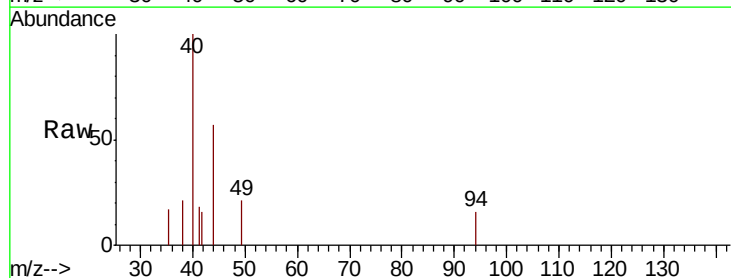
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409

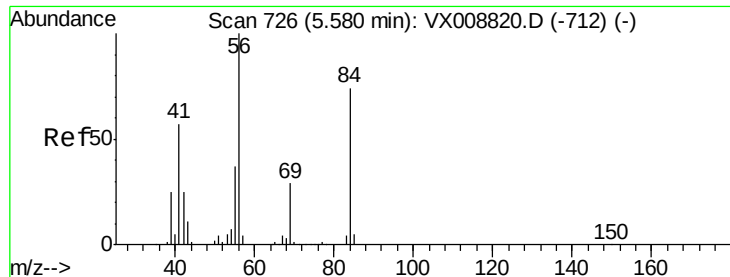
Tot Ion: 84 Resp: 1407
Ion Ratio Lower Upper
84 100
49 134.5 109.7 164.5
51 35.5 33.6 50.4
86 63.4 51.4 77.2



#28
Bromochloromethane
Concen: Below Cal
RT: 4.98 min Scan# 627
Delta R.T. -0.04 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

Tgt Ion: 49 Resp: 25
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#

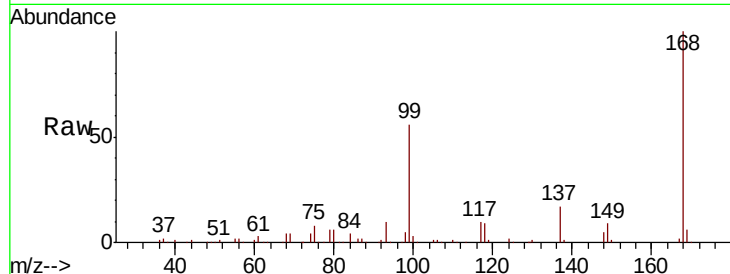




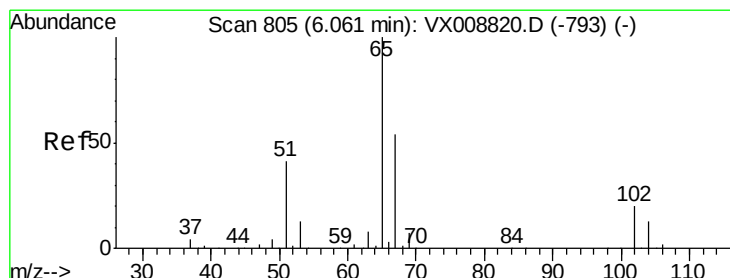
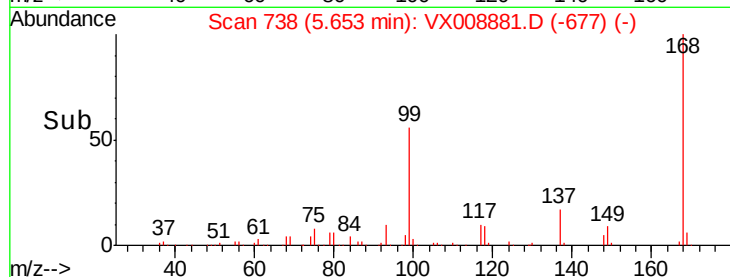
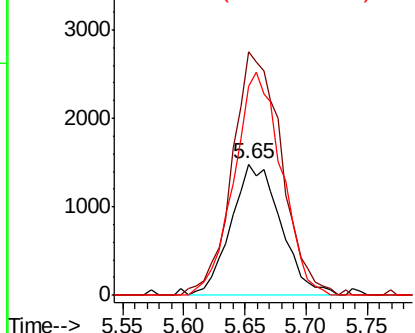
#31
Cyclohexane
Concen: 0.855 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409

Tot Ion: 56 Resp: 4201
Ion Ratio Lower Upper
56 100
69 185.6 22.6 33.8#
84 159.6 59.3 88.9#

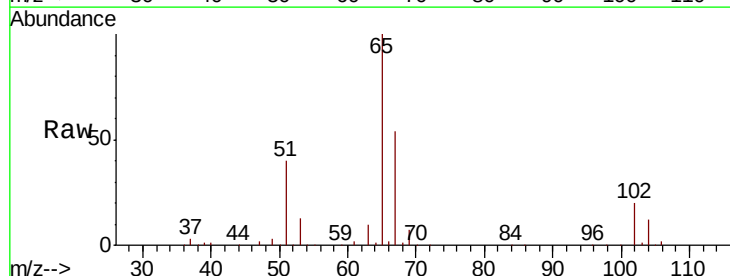


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

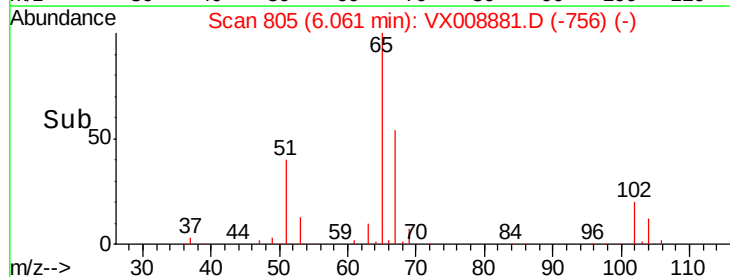
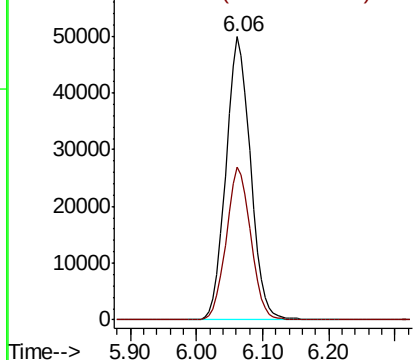


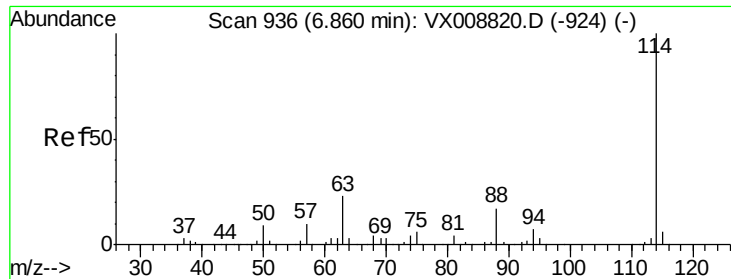
#33
1,2-Dichloroethane-d4
Concen: 45.123 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

Tgt Ion: 65 Resp: 128336
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2



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

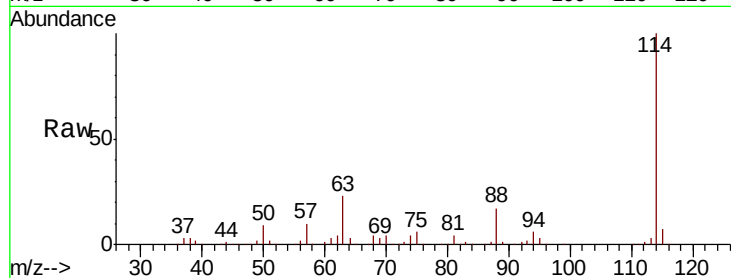




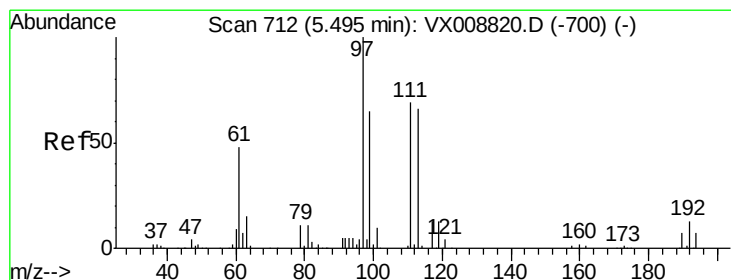
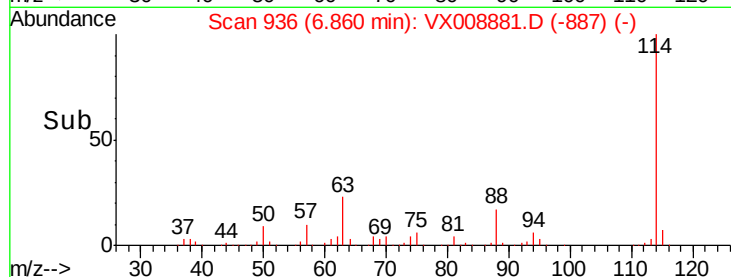
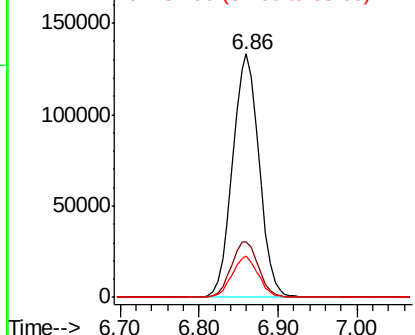
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ1181-20190409

Tot Ion:114 Resp: 312208
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.2
88 16.9 0.0 34.0

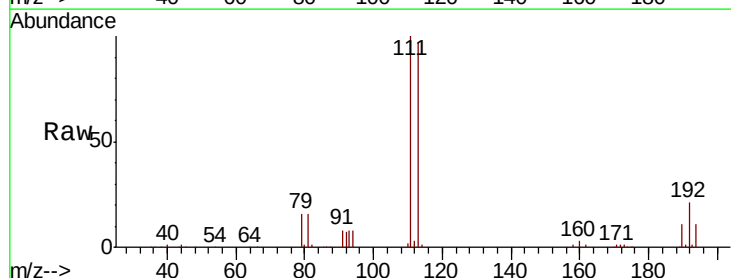


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

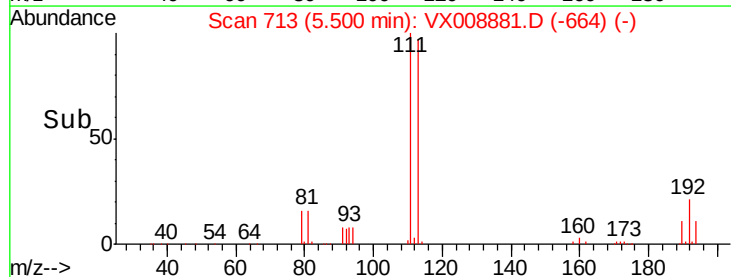
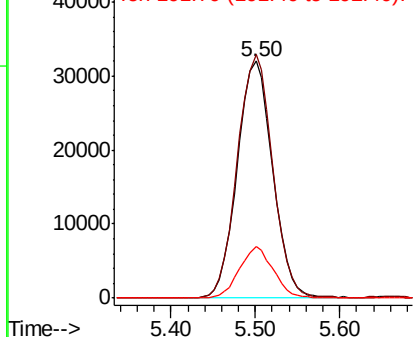


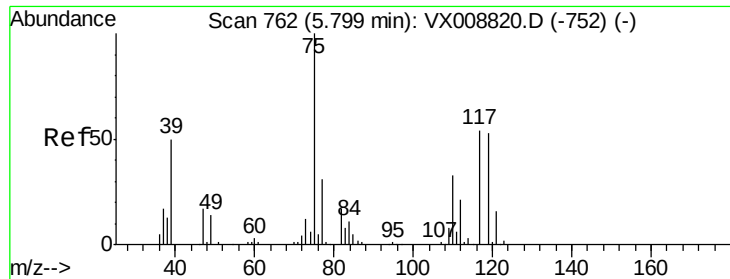
#35
Dibromofluoromethane
Concen: 45.729 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

Tgt Ion:113 Resp: 91281
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 20.7 16.1 24.1



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

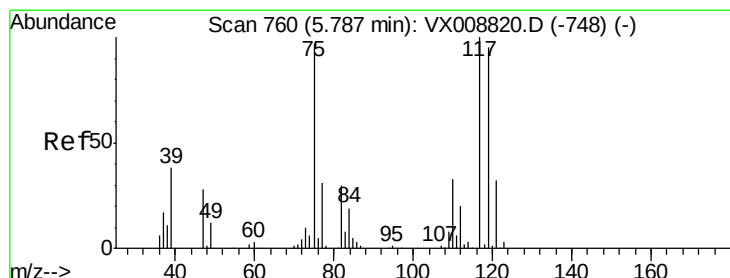
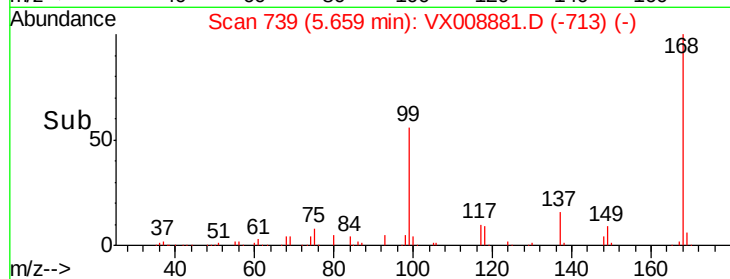
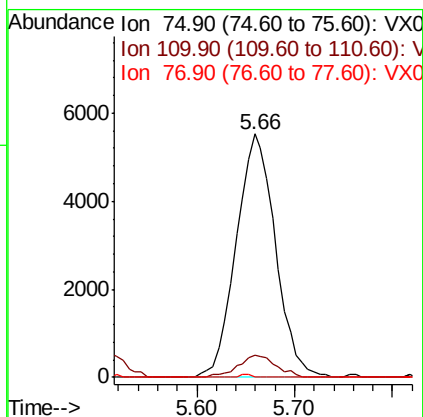
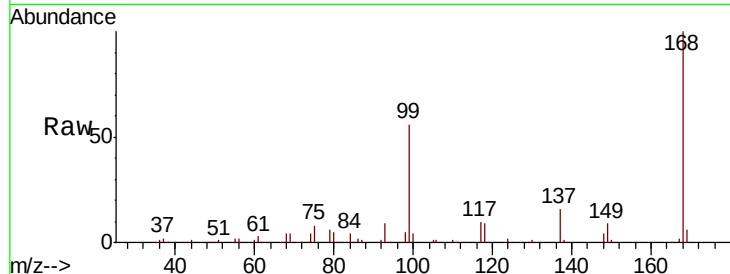




#36
 1,1-Dichloropropene
 Concen: 4.501 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008881.D
 Acq: 12 Apr 2019 13:10

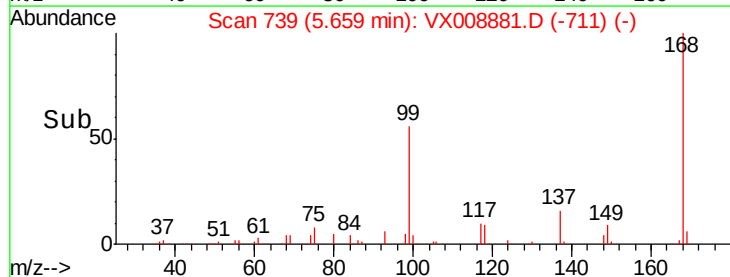
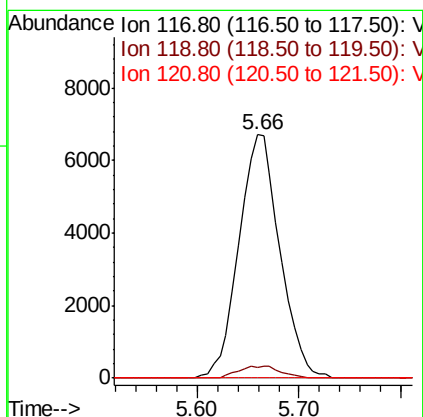
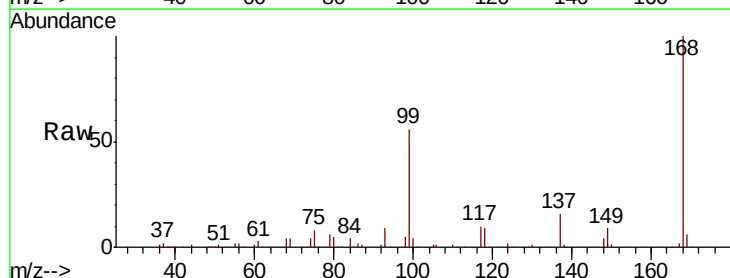
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ1181-20190409

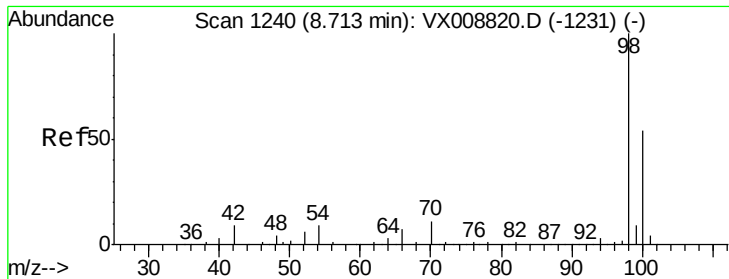
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.4	49.2#
77	0.3	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.615 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008881.D
 Acq: 12 Apr 2019 13:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.0	112.6#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 49.188 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008881.D

Acq: 12 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

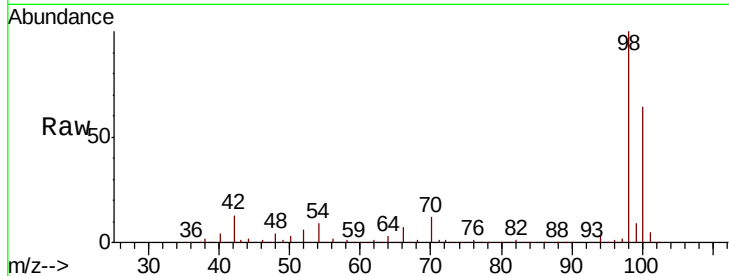
SA-PZ118I-20190409

Tot Ion: 98 Resp: 390954

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

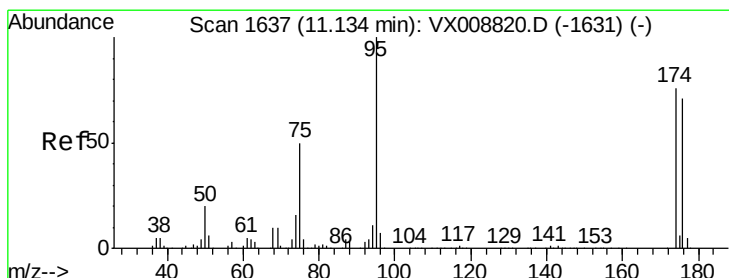
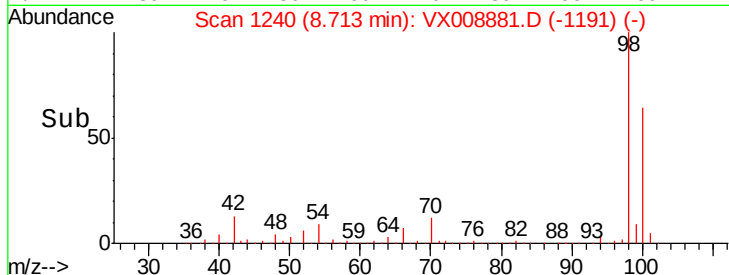
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 45.935 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008881.D

Acq: 12 Apr 2019 13:10

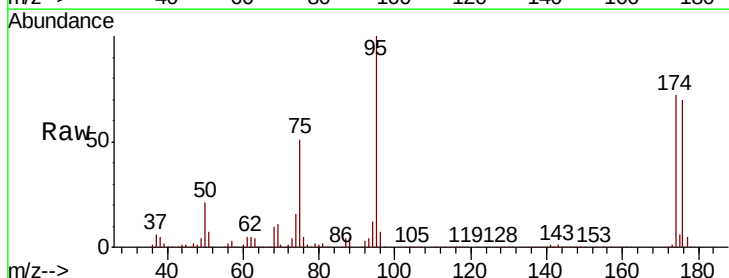
Tgt Ion: 95 Resp: 129470

Ion Ratio Lower Upper

95 100

174 78.9 0.0 151.8

176 76.4 0.0 145.8



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

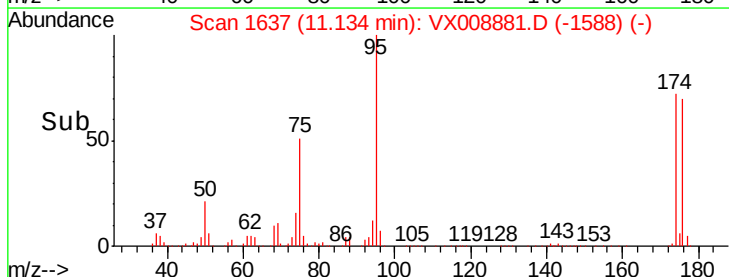
11.13

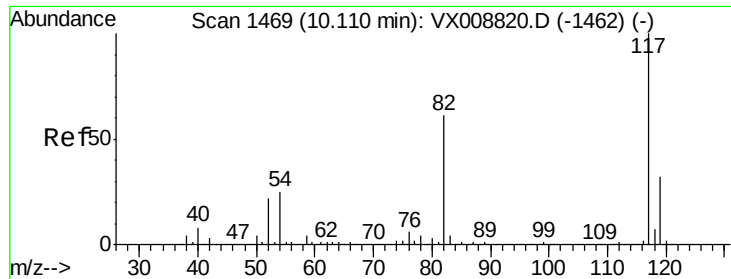
100000

50000

0

Time--> 11.10 11.20

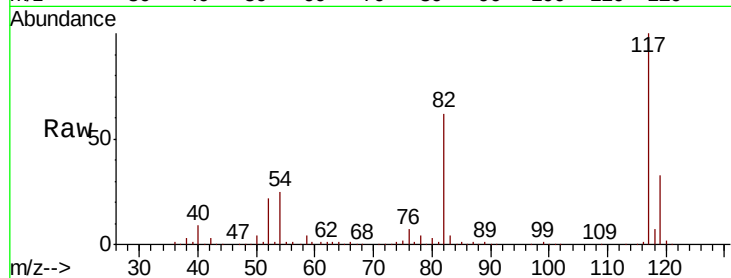




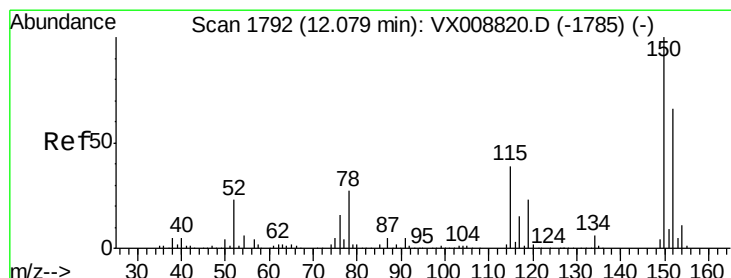
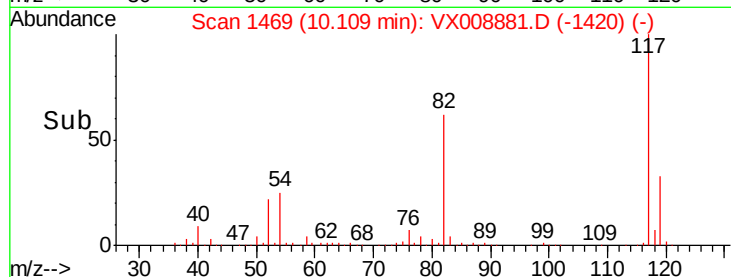
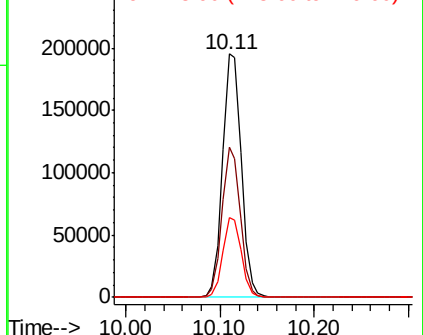
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409

Tot Ion:117 Resp: 269605
Ion Ratio Lower Upper
117 100
82 61.7 49.6 74.4
119 32.6 25.0 37.4

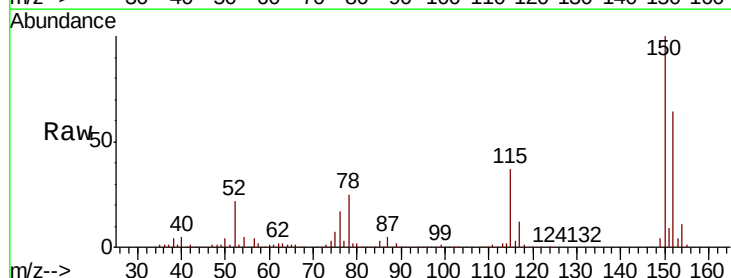


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

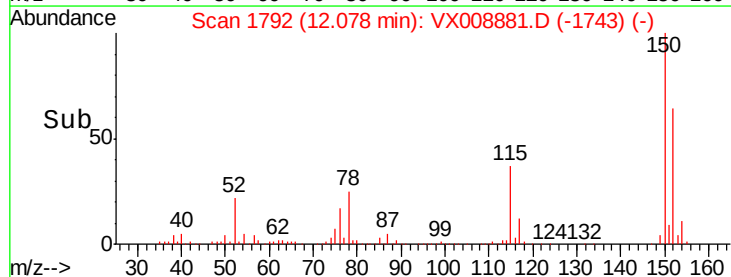
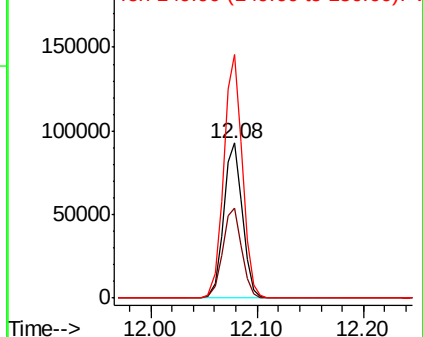


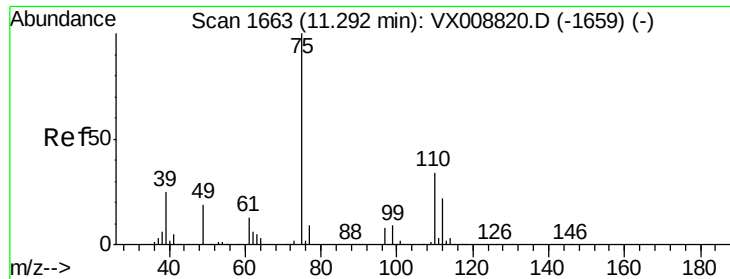
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008881.D
Acq: 12 Apr 2019 13:10

Tgt Ion:152 Resp: 113773
Ion Ratio Lower Upper
152 100
115 59.2 43.5 130.5
150 156.2 0.0 348.8



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

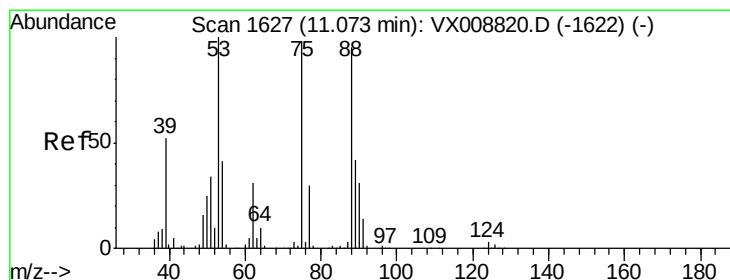
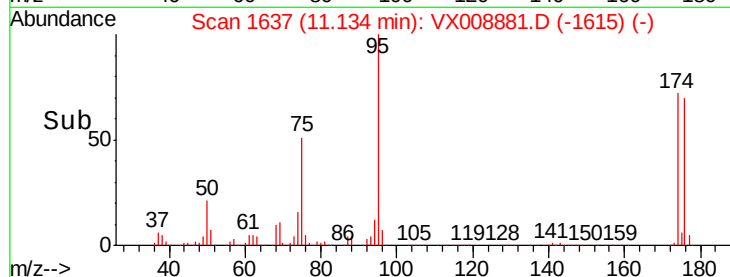
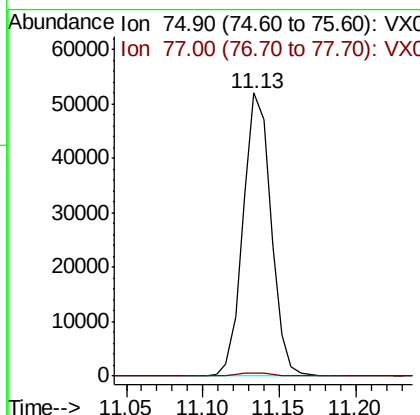
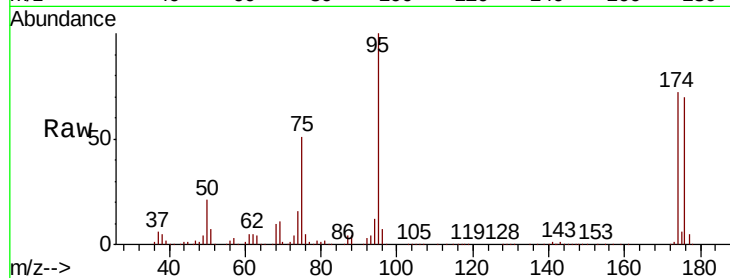




#76
 1,2,3-Trichloropropane
 Concen: 21.103 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008881.D
 Acq: 12 Apr 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409

Tot Ion: 75 Resp: 65955
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.170 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008881.D
 Acq: 12 Apr 2019 13:10

Tgt Ion: 75 Resp: 65955
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.3 121.9#
 89 0.1 35.6 53.4#

