

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007942.D
 Acq On : 08 Mar 2019 20:28
 Operator : JC/SP
 Sample : K1815-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Mar 09 03:53:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196346	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	147579	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
35) Dibromofluoromethane	5.50	113	137642	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
50) Toluene-d8	8.71	98	515734	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	190323	54.38	ug/l	0.00
Spiked Amount			Recovery	=	108.76%	

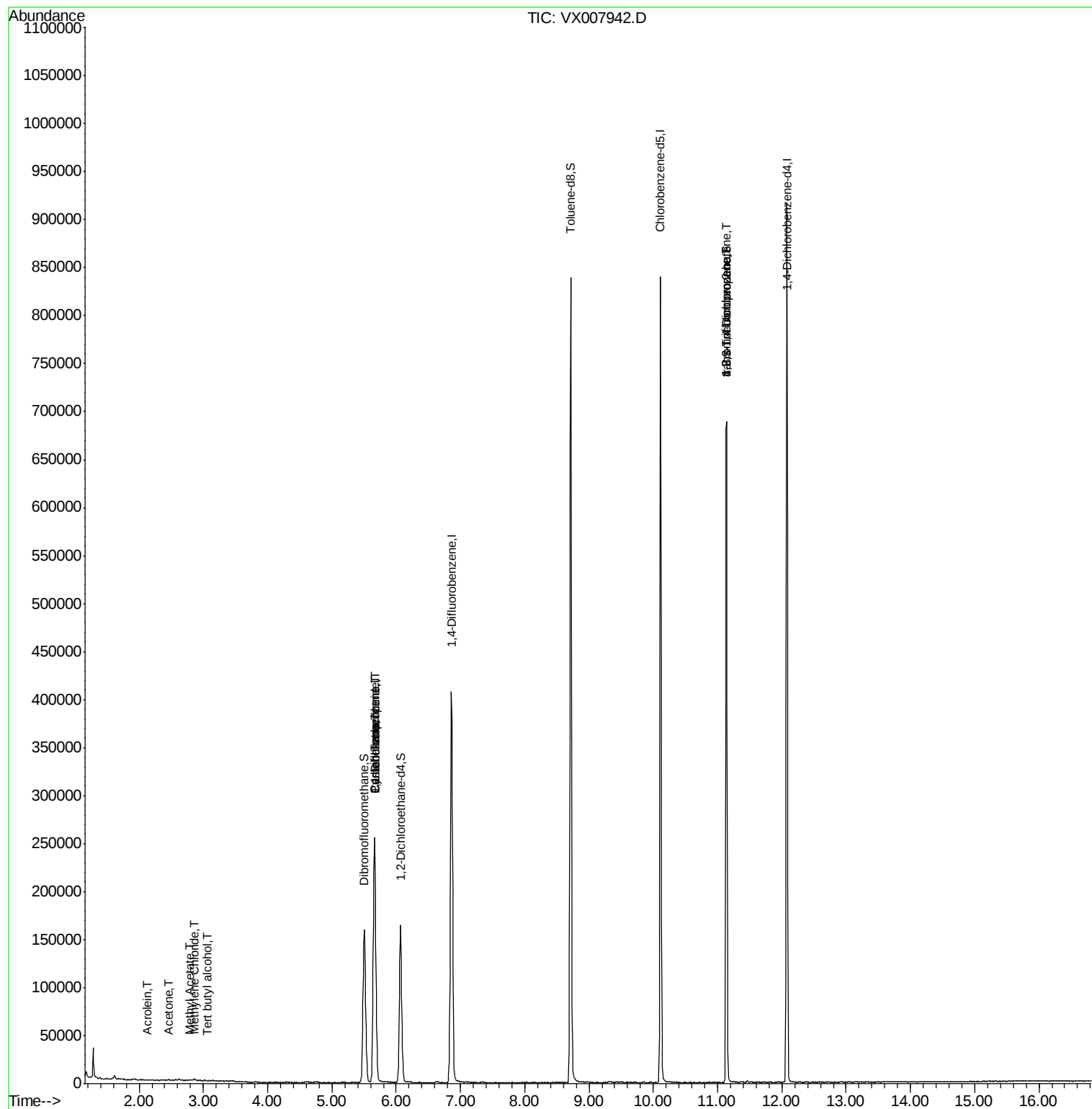
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	505	Below Cal		88
11) Tert butyl alcohol	3.06	59	216	0.336	ug/l #	73
13) Acrolein	2.14	56	20	1.596	ug/l #	13
16) Acetone	2.45	43	725	0.435	ug/l #	80
17) Carbon Disulfide	2.57	76	1008	Below Cal	#	73
18) Methyl Acetate	2.78	43	893	0.252	ug/l	92
20) Methylene Chloride	2.86	84	653	0.246	ug/l	86
31) Cyclohexane	5.66	56	4315	0.976	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	17227	4.477	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23148	6.337	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	87904	21.335	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	87904	68.198	ug/l #	11

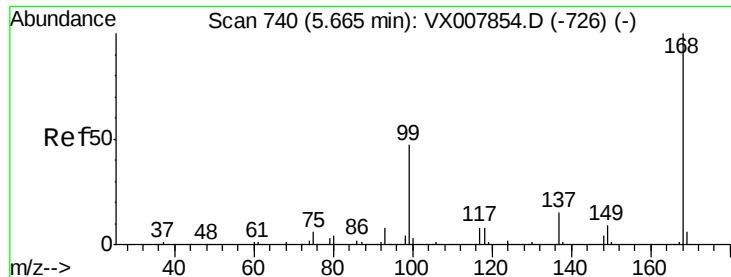
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007942.D

Acq: 08 Mar 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

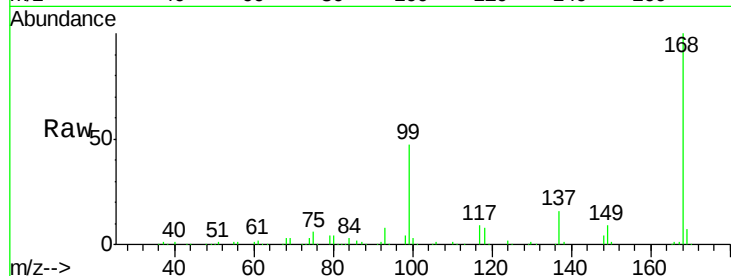
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 272704

Ion Ratio Lower Upper

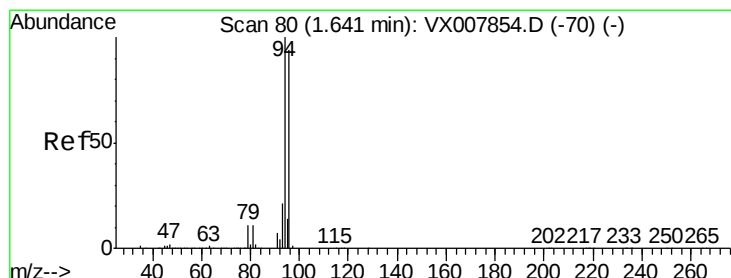
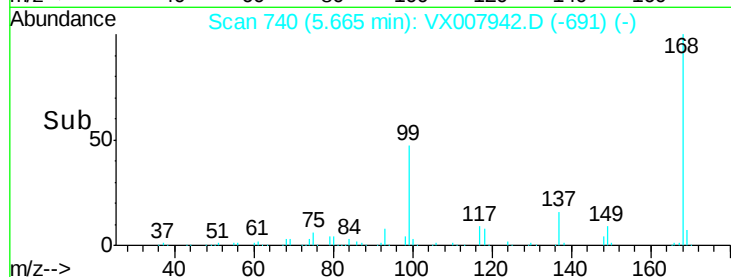
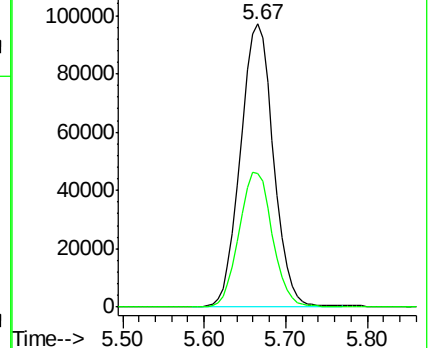
168 100

99 47.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007942.D

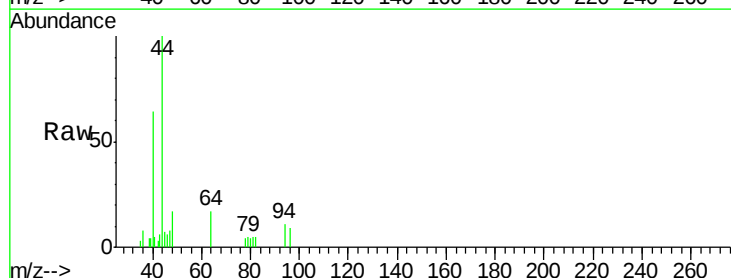
Acq: 08 Mar 2019 20:28

Tgt Ion: 94 Resp: 505

Ion Ratio Lower Upper

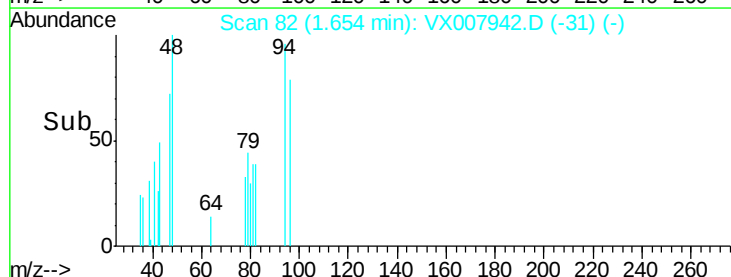
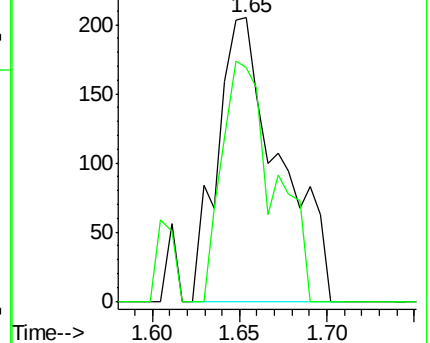
94 100

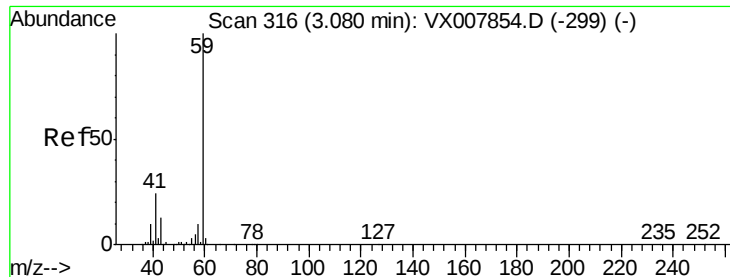
96 82.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



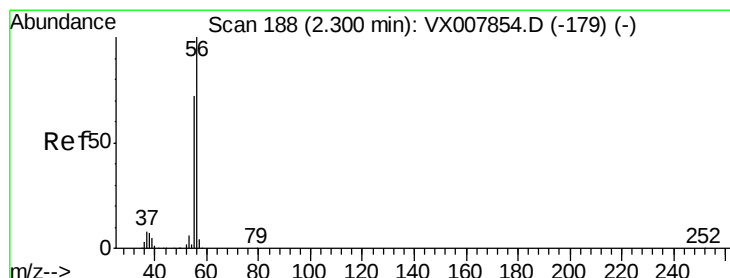
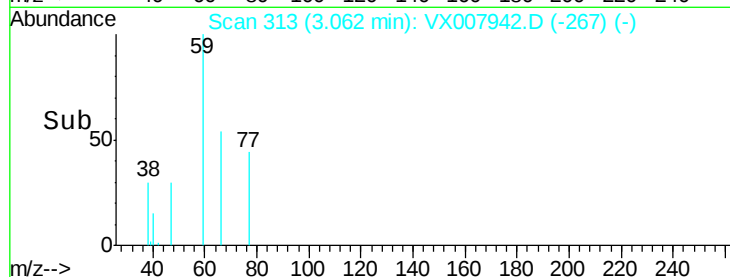
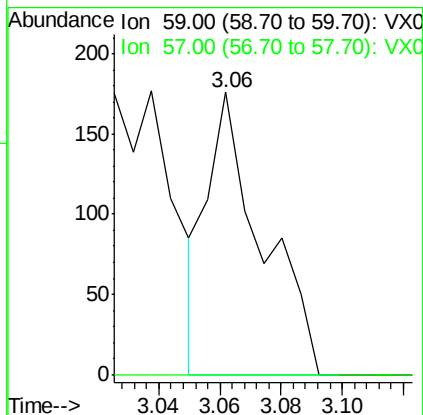
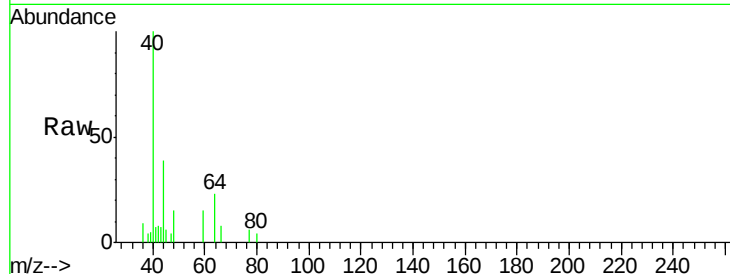


#11

Tert butvl alcohol
 Concen: 0.336 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX007942.D
 Acq: 08 Mar 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

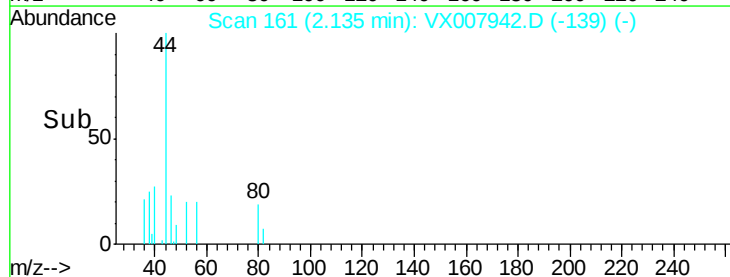
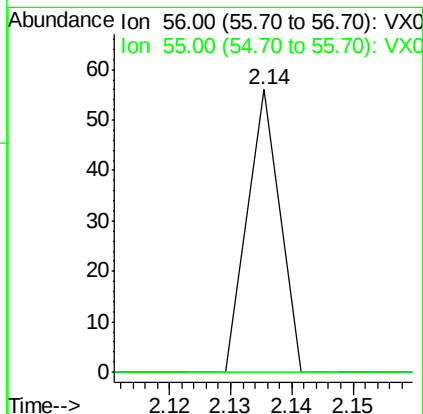
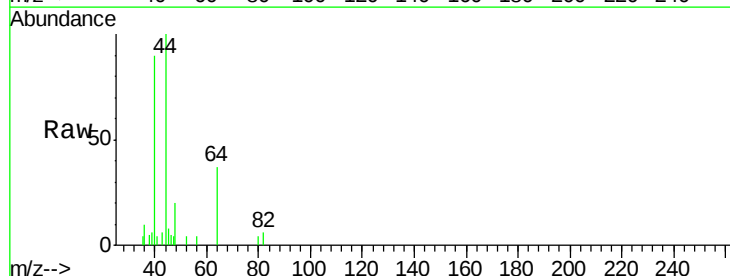
Tot Ion: 59 Resp: 216
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

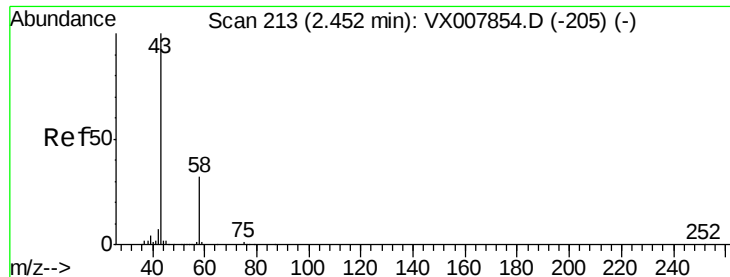


#13

Acrolein
 Concen: 1.596 ug/l
 RT: 2.14 min Scan# 161
 Delta R.T. -0.16 min
 Lab File: VX007942.D
 Acq: 08 Mar 2019 20:28

Tgt Ion: 56 Resp: 20
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.8 86.6#





#16

Acetone

Concen: 0.435 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX007942.D

Acq: 08 Mar 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

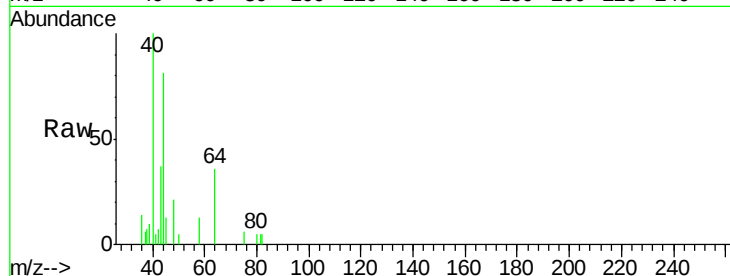
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 43 Resp: 725

Ion Ratio Lower Upper

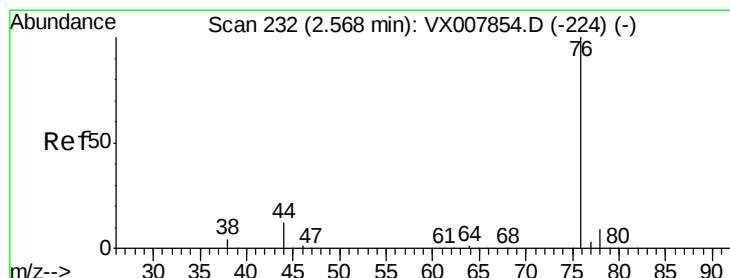
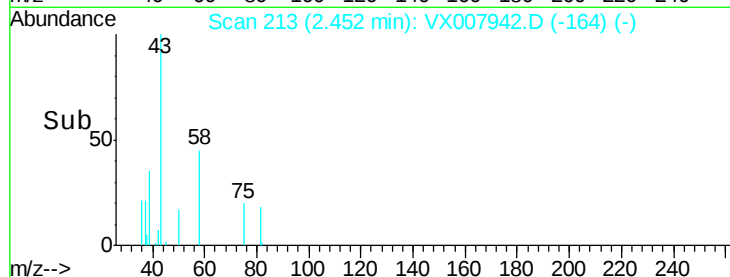
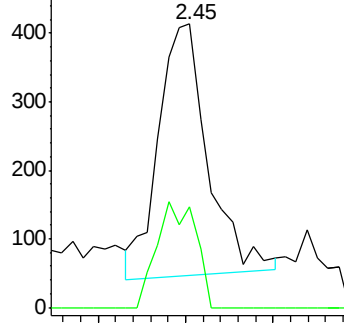
43 100

58 43.1 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007942.D

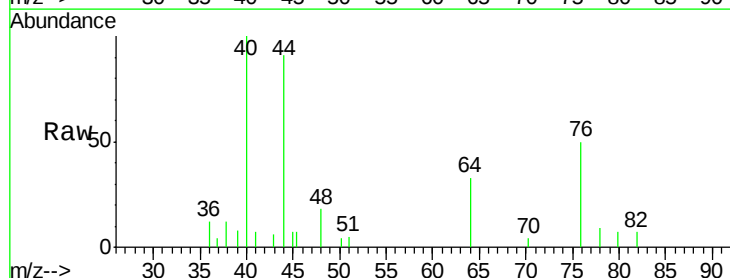
Acq: 08 Mar 2019 20:28

Tgt Ion: 76 Resp: 1008

Ion Ratio Lower Upper

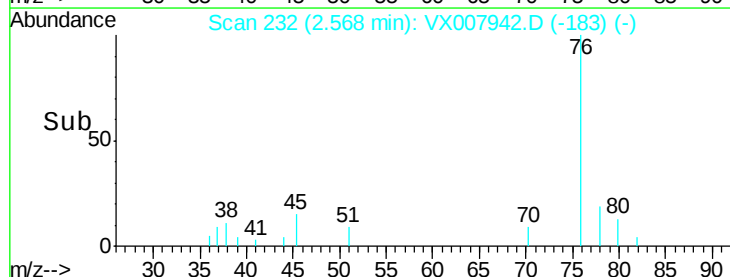
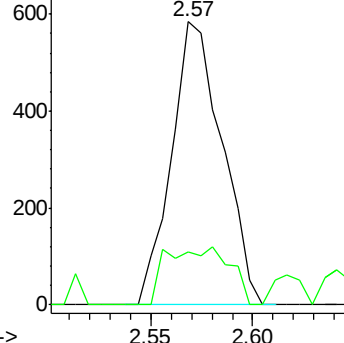
76 100

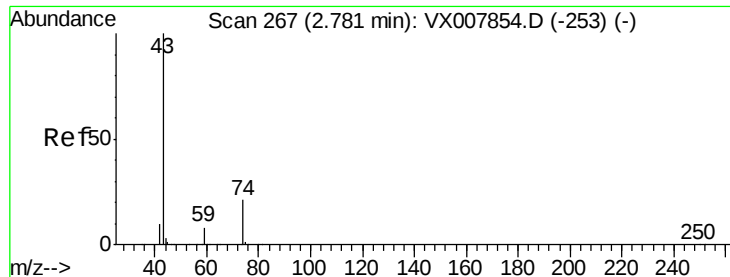
78 18.8 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

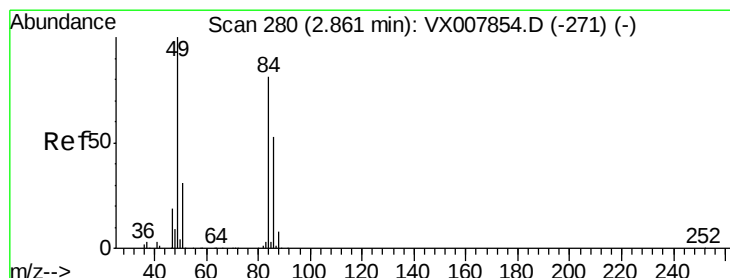
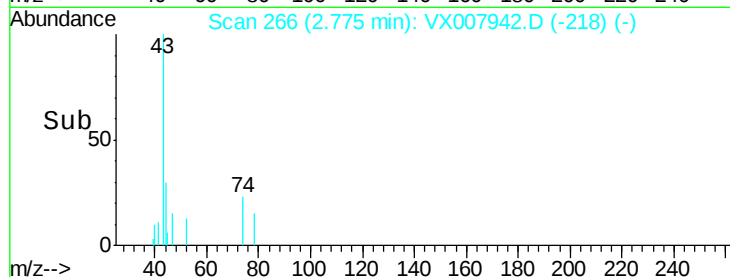
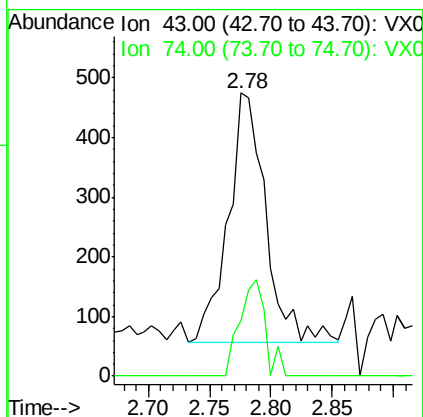
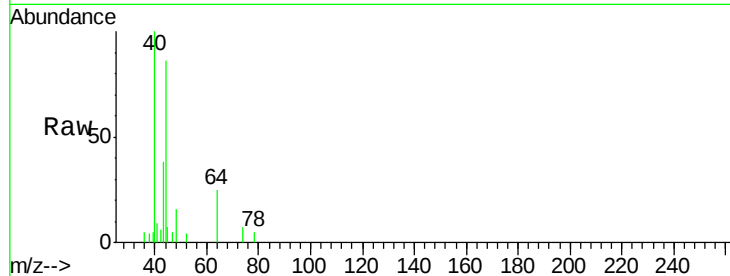




#18
Methyl Acetate
Concen: 0.252 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007942.D
Acq: 08 Mar 2019 20:28

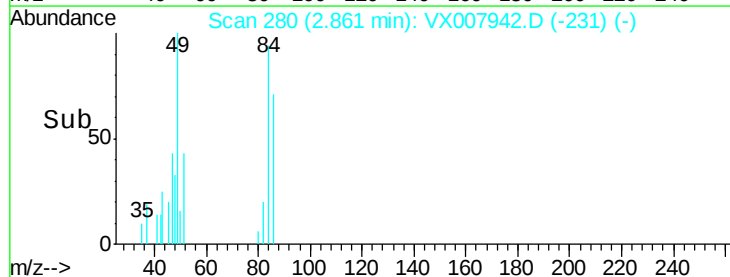
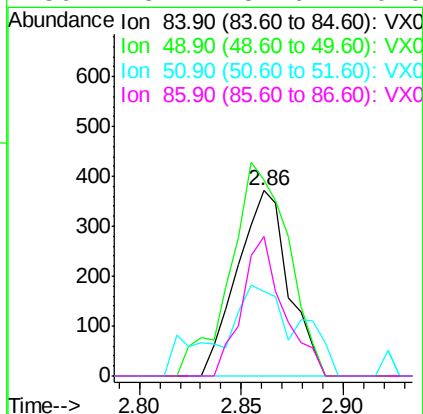
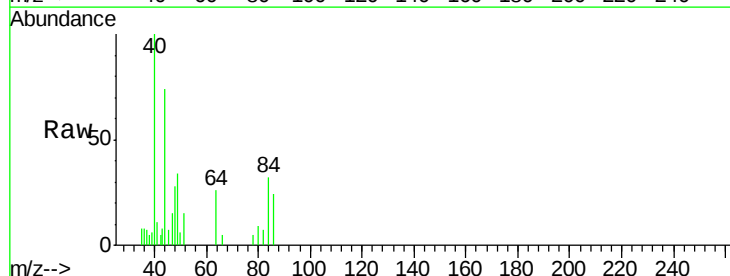
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

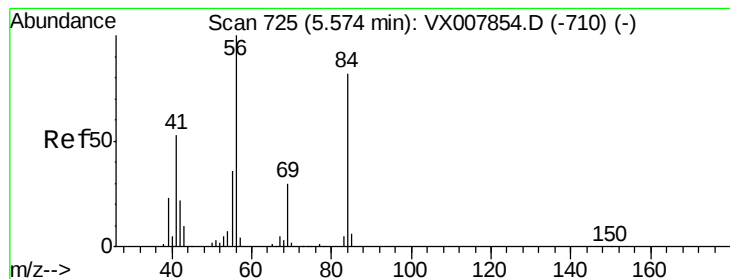
Tot Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
74 25.9 17.8 26.6



#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007942.D
Acq: 08 Mar 2019 20:28

Tgt Ion: 84 Resp: 653
Ion Ratio Lower Upper
84 100
49 105.9 99.3 148.9
51 45.3 31.3 46.9
86 75.2 52.6 79.0





#31

Cyclohexane

Concen: 0.976 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX007942.D

Acq: 08 Mar 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

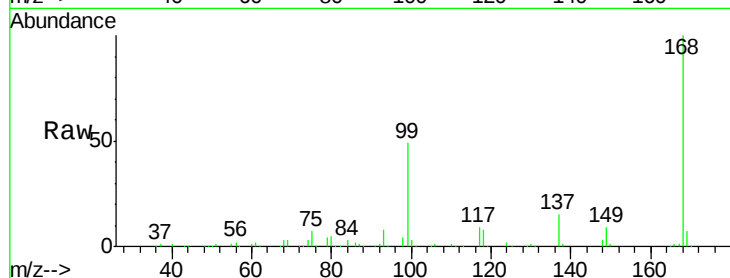
Tot Ion: 56 Resp: 4315

Ion Ratio Lower Upper

56 100

69 179.5 24.0 36.0#

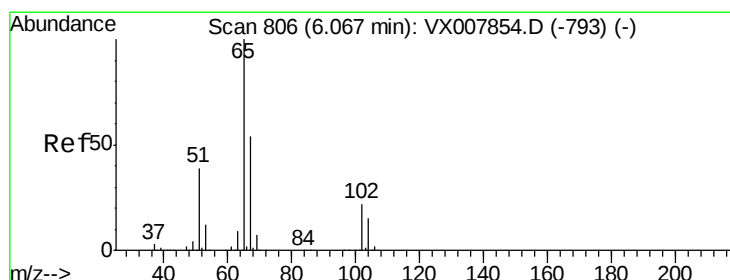
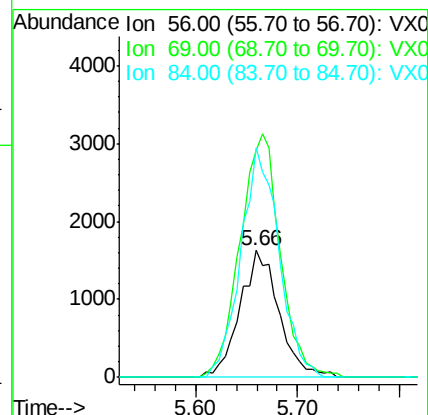
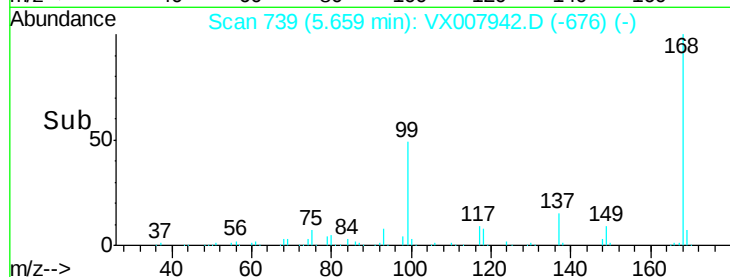
84 181.0 65.3 97.9#



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: 51.300 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007942.D

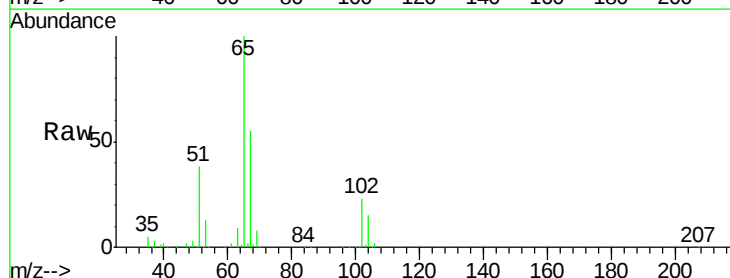
Acq: 08 Mar 2019 20:28

Tgt Ion: 65 Resp: 147579

Ion Ratio Lower Upper

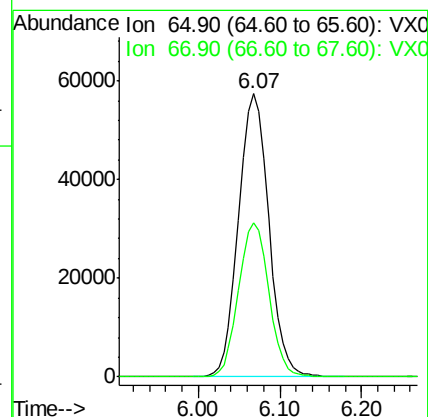
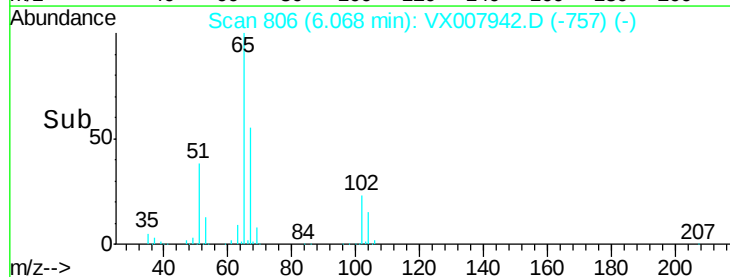
65 100

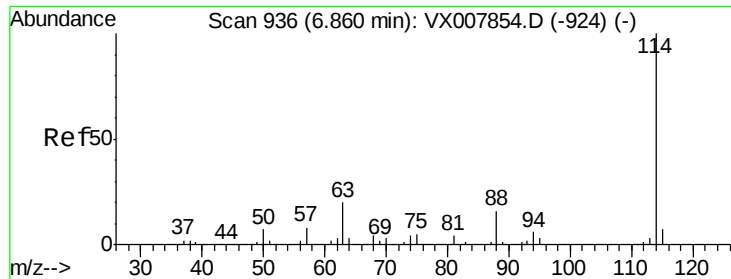
67 54.7 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

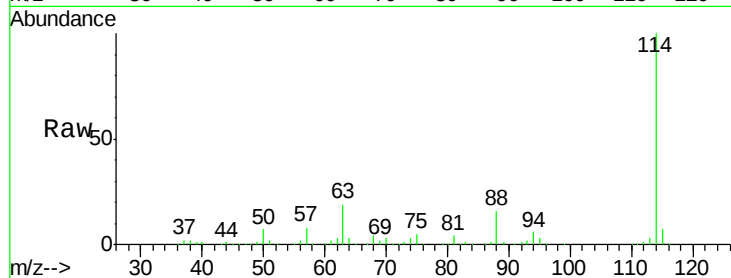




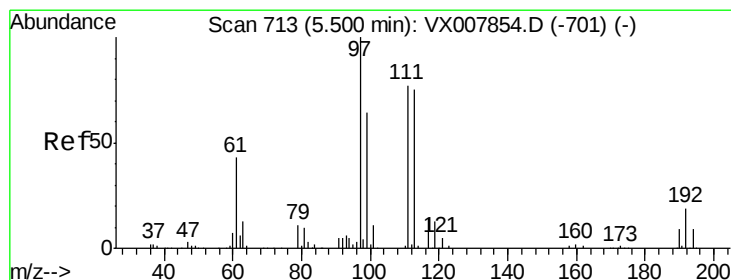
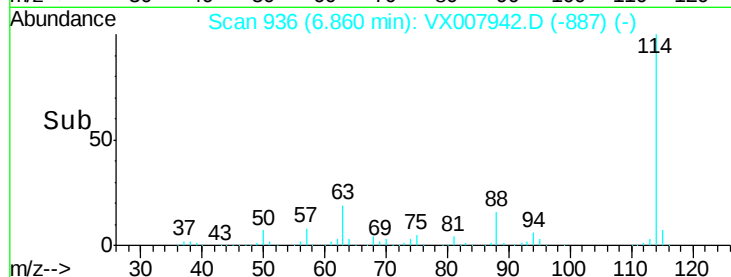
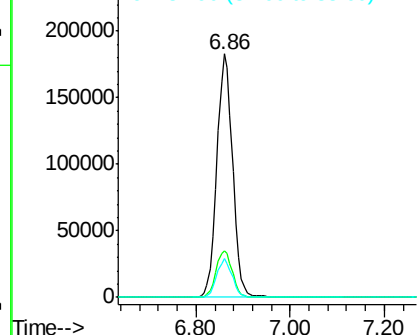
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007942.D
Acq: 08 Mar 2019 20:28

Instrument :
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Tot Ion:114 Resp: 424955
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.8
88 15.8 0.0 31.4

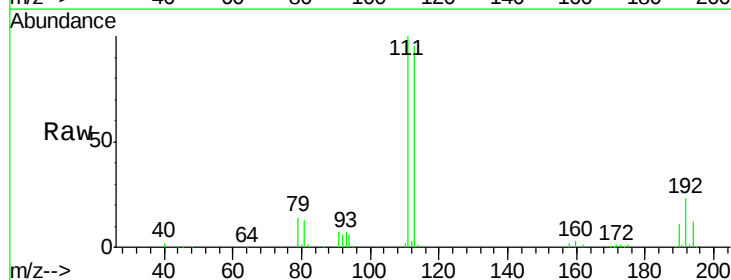


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

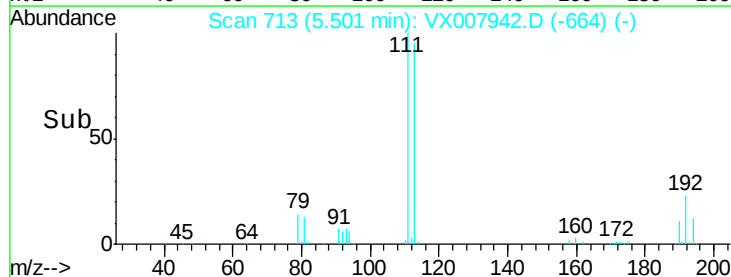
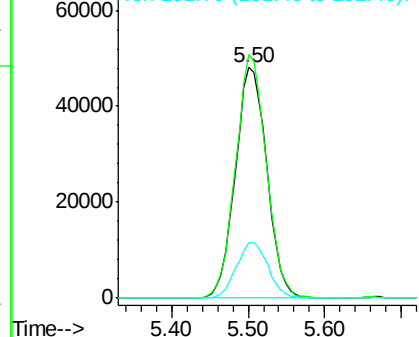


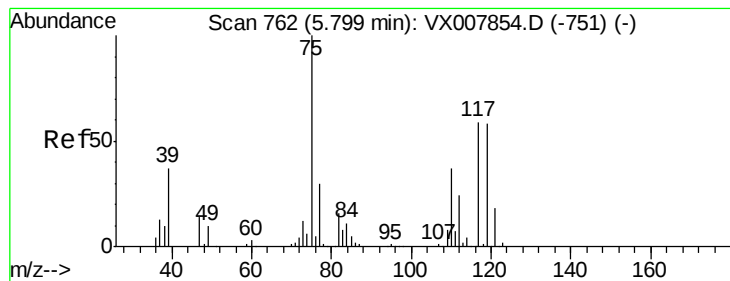
#35
Dibromofluoromethane
Concen: 50.635 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007942.D
Acq: 08 Mar 2019 20:28

Tgt Ion:113 Resp: 137642
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 24.4 19.4 29.0



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: 4.477 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007942.D

Acq: 08 Mar 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

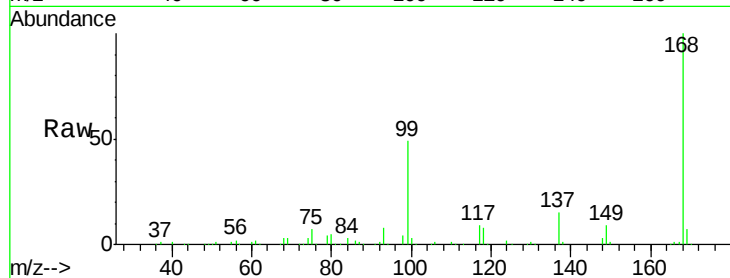
Tot Ion: 75 Resp: 17227

Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.0#

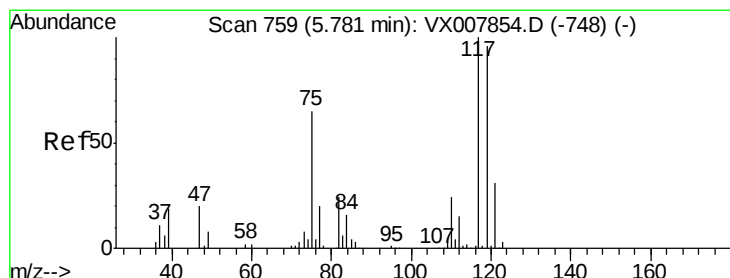
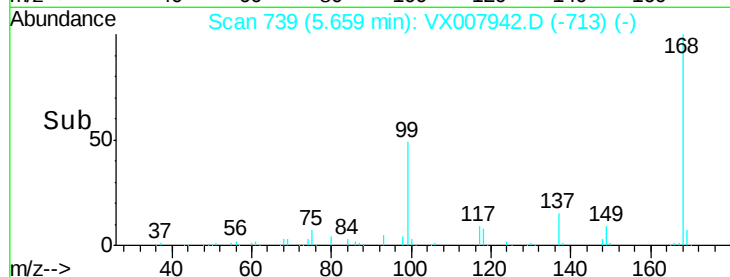
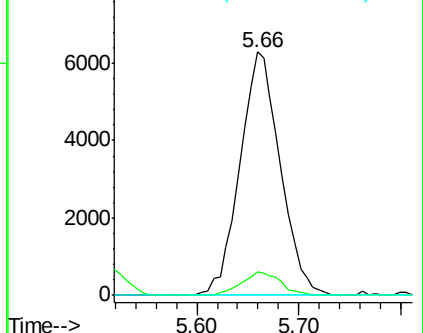
77 0.0 25.0 37.4#



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: 6.337 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007942.D

Acq: 08 Mar 2019 20:28

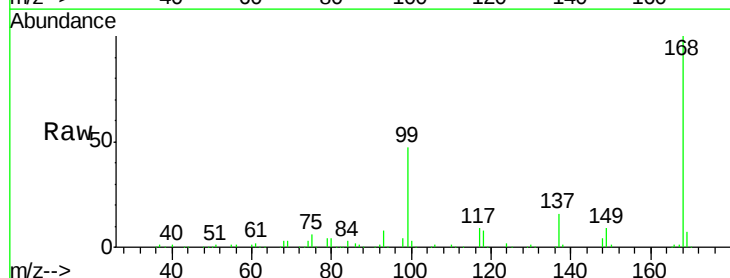
Tgt Ion:117 Resp: 23148

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

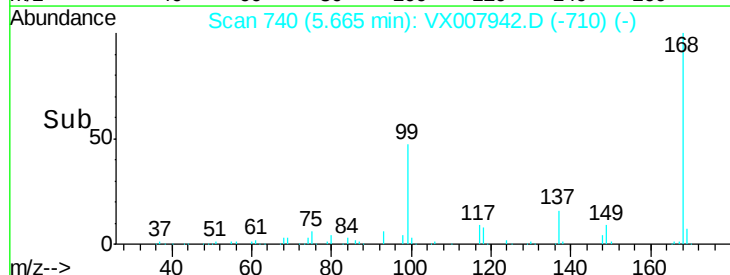
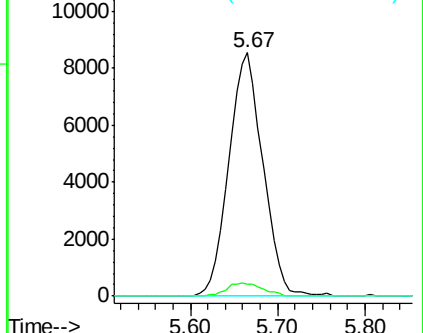
121 0.0 24.6 36.8#

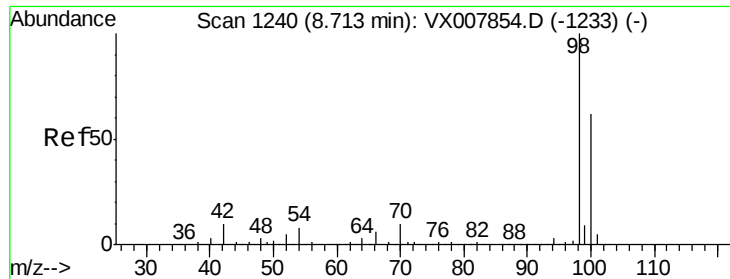


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

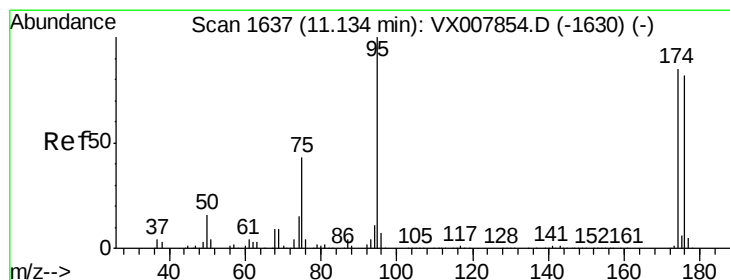
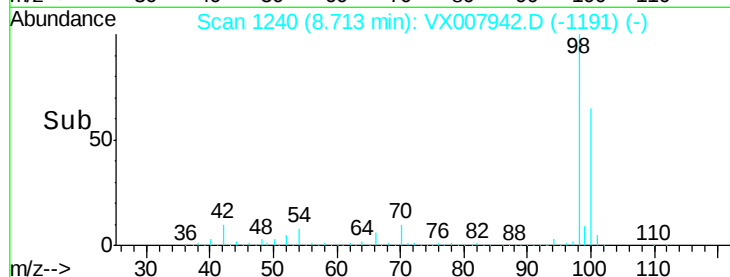
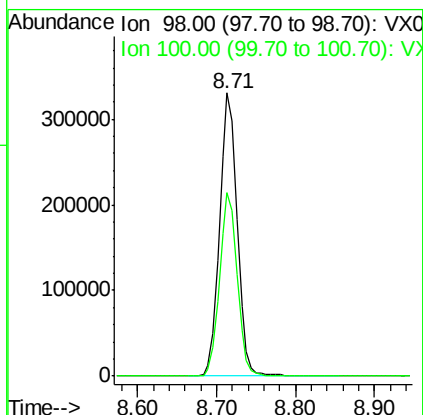
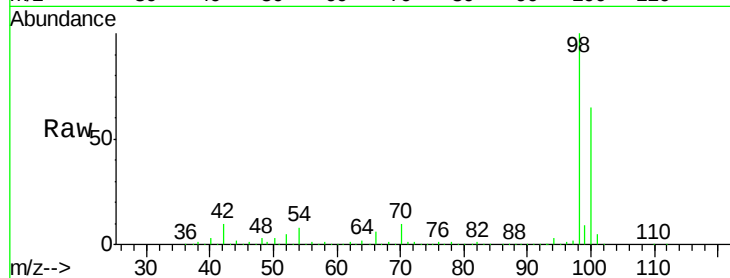




#50
Toluene-d8
Concen: 51.661 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007942.D
Acq: 08 Mar 2019 20:28

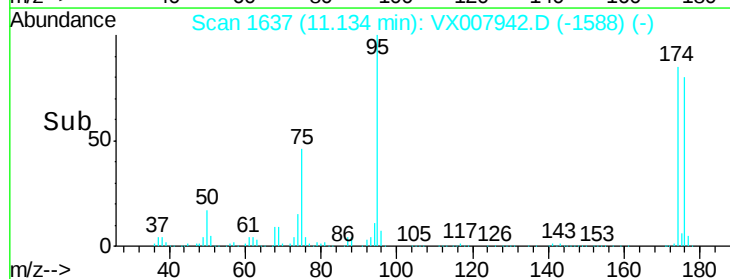
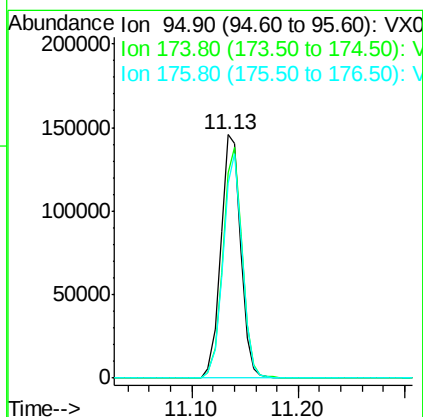
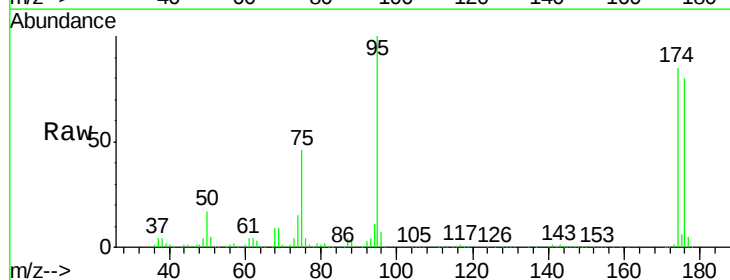
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

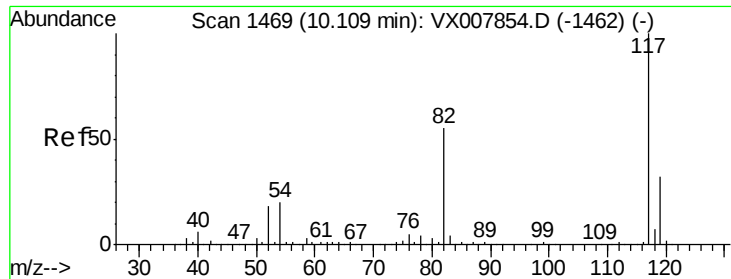
Tot Ion: 98 Resp: 515734
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.377 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007942.D
Acq: 08 Mar 2019 20:28

Tgt Ion: 95 Resp: 190323
Ion Ratio Lower Upper
95 100
174 92.1 0.0 182.8
176 88.8 0.0 178.0

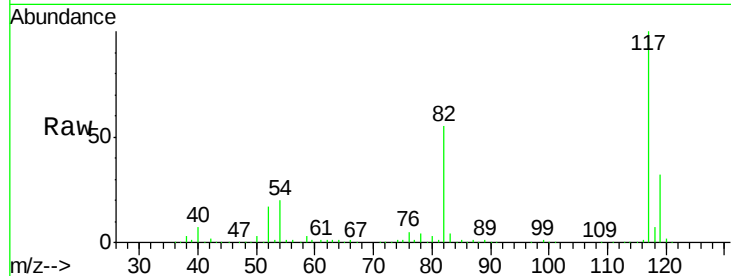




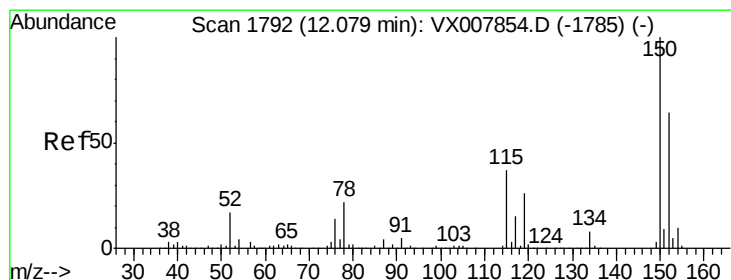
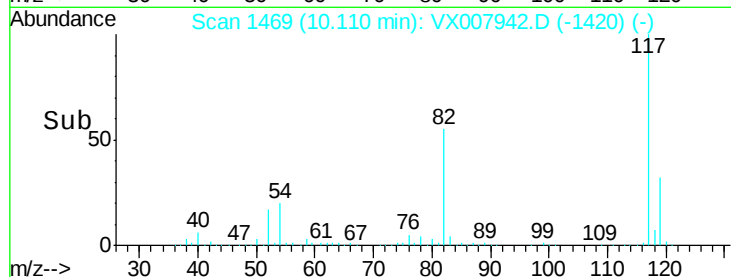
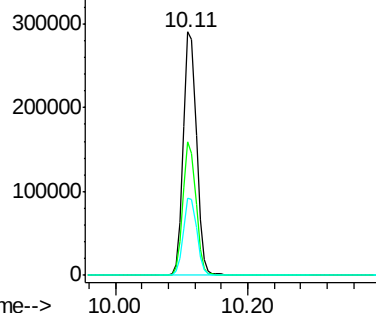
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007942.D
Acq: 08 Mar 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 402570
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.9 25.3 37.9

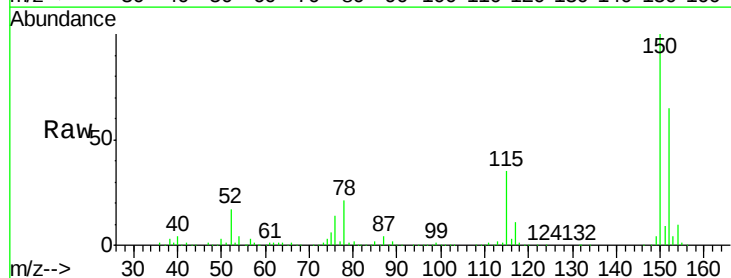


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

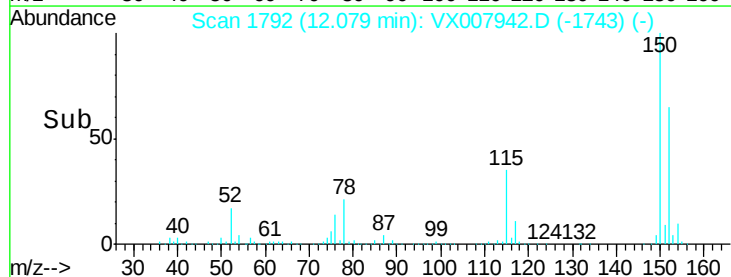
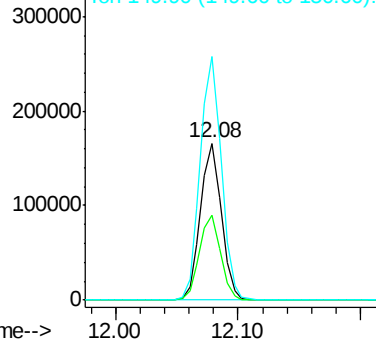


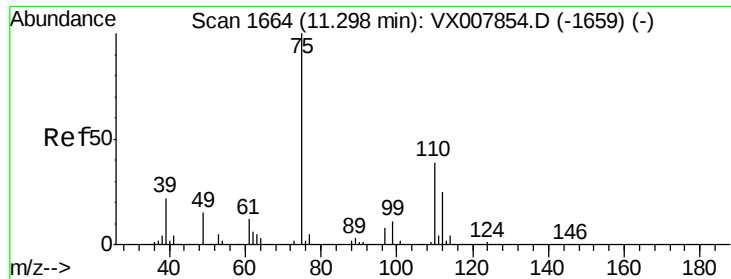
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007942.D
Acq: 08 Mar 2019 20:28

Tgt Ion:152 Resp: 196346
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 157.1 0.0 348.4



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

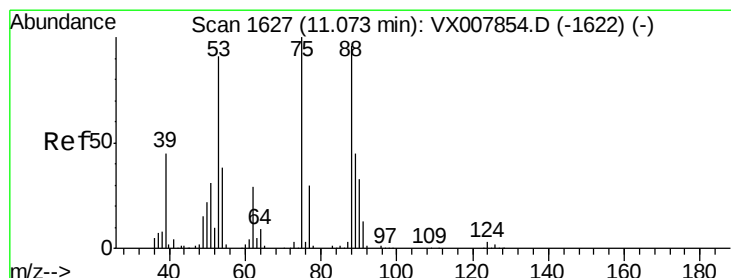
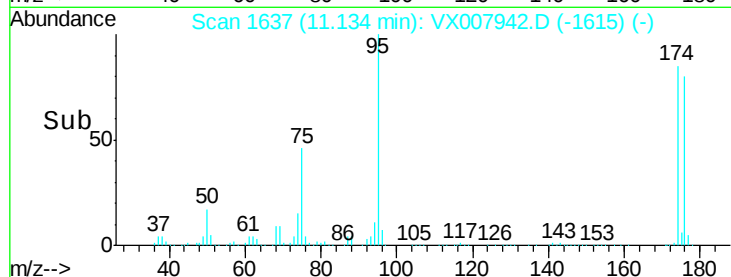
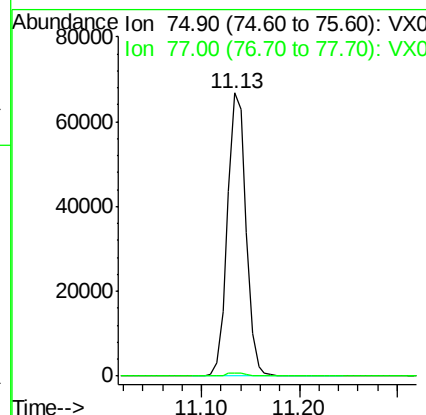
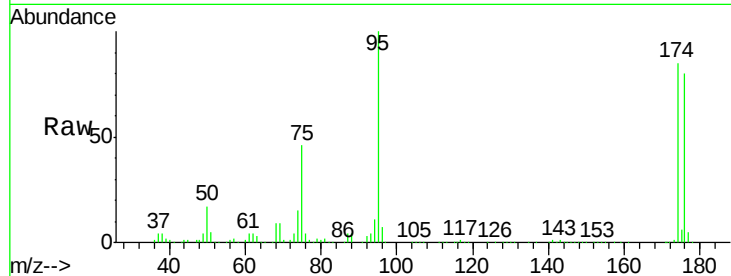




#76
 1,2,3-Trichloropropane
 Concen: 21.335 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007942.D
 Acq: 08 Mar 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 87904
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.198 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007942.D
 Acq: 08 Mar 2019 20:28

Tgt Ion: 75 Resp: 87904
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.3 54.5#

