

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009932.D
 Acq On : 29 May 2019 12:09
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 30 01:13:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115565	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	124698	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
35) Dibromofluoromethane	5.50	113	90483	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
50) Toluene-d8	8.71	98	374629	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	125708	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	

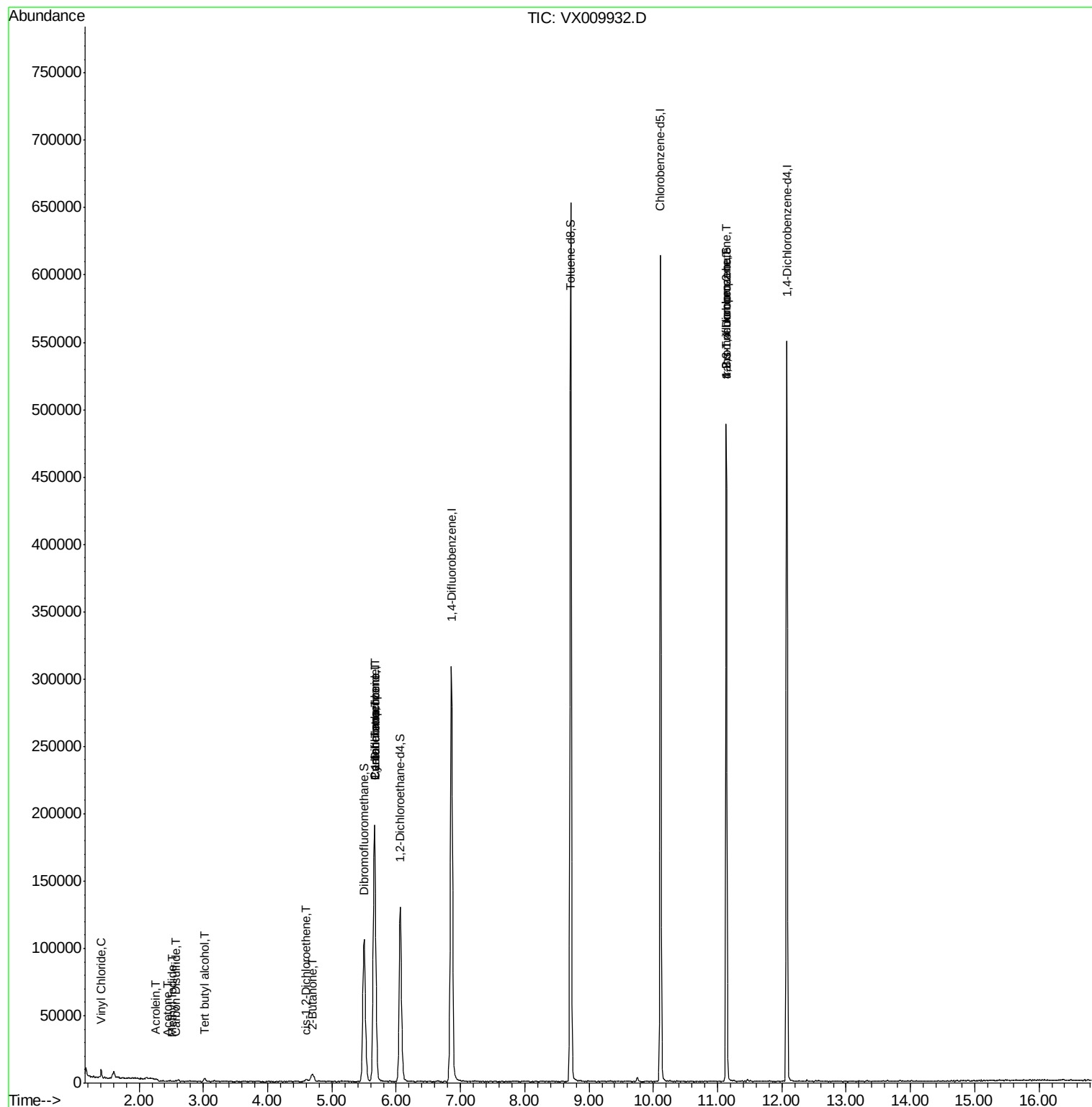
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	4266	1.557	ug/l	97
10) Methyl Iodide	2.51	142	227	4.748	ug/l #	80
11) Tert butyl alcohol	3.01	59	1646	2.560	ug/l #	73
13) Acrolein	2.26	56	146	21.390	ug/l #	14
16) Acetone	2.44	43	707	0.468	ug/l #	78
17) Carbon Disulfide	2.57	76	756	0.517	ug/l #	68
25) 2-Butanone	4.69	43	758	0.322	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	977	0.406	ug/l	97
31) Cyclohexane	5.66	56	4273	1.075	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15167	5.034	ug/l #	49
38) Carbon Tetrachloride	5.67	117	17738	6.813	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	65632	23.749	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	65632	58.760	ug/l #	10

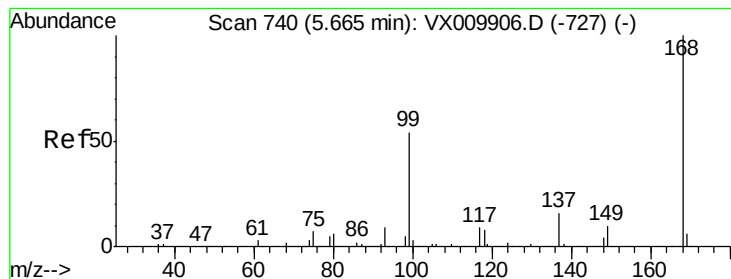
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009932.D

Acq: 29 May 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

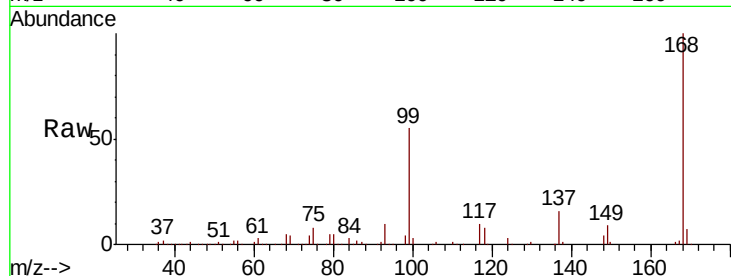
IBLK

Tot Ion:168 Resp: 184984

Ion Ratio Lower Upper

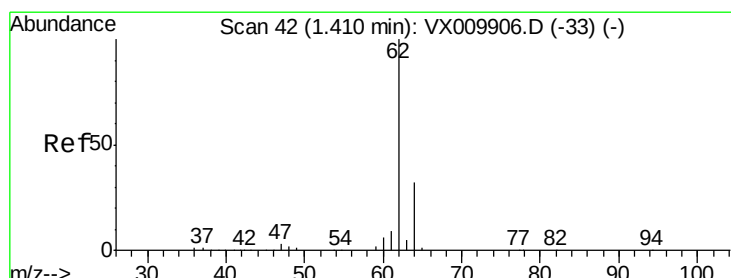
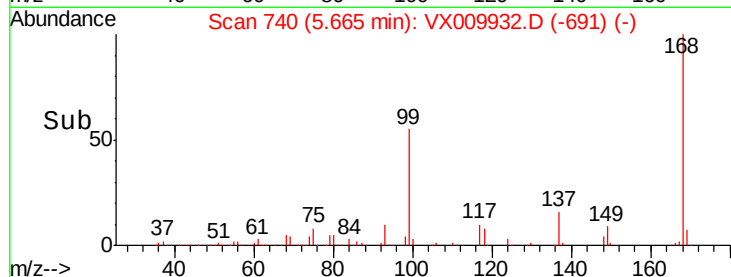
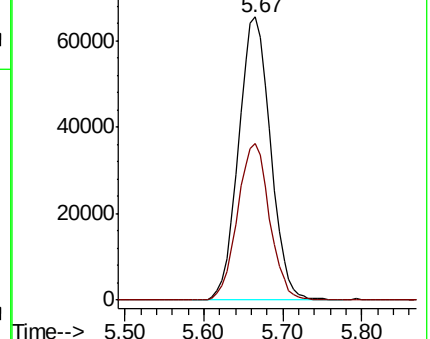
168 100

99 55.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.557 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009932.D

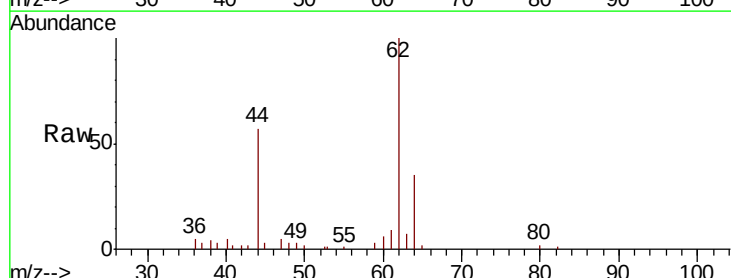
Acq: 29 May 2019 12:09

Tgt Ion: 62 Resp: 4266

Ion Ratio Lower Upper

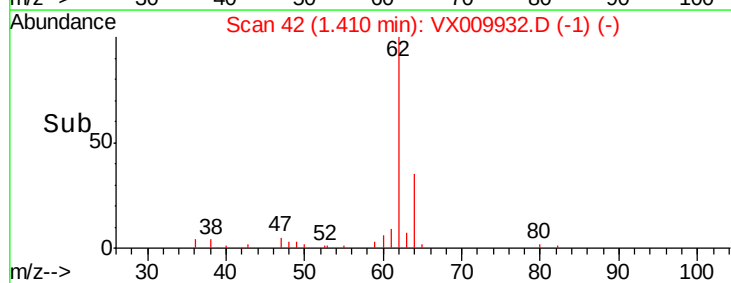
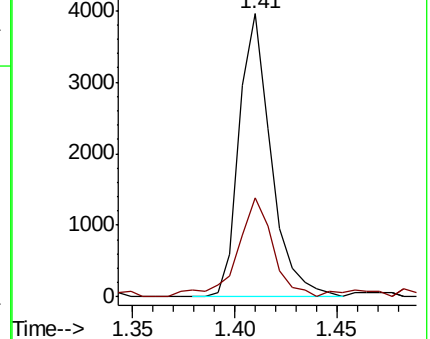
62 100

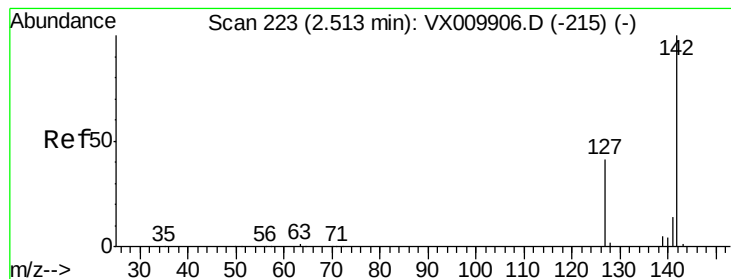
64 33.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

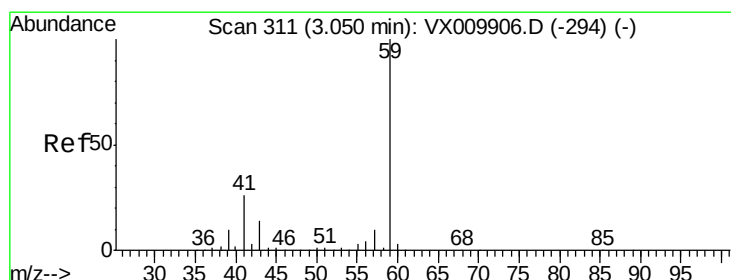
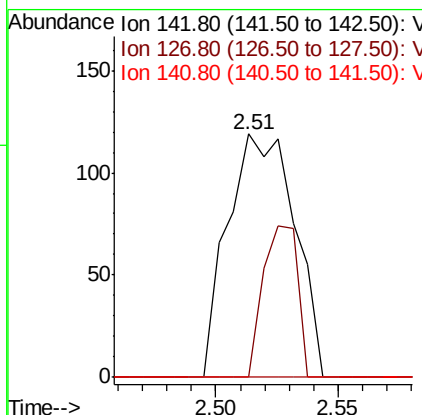
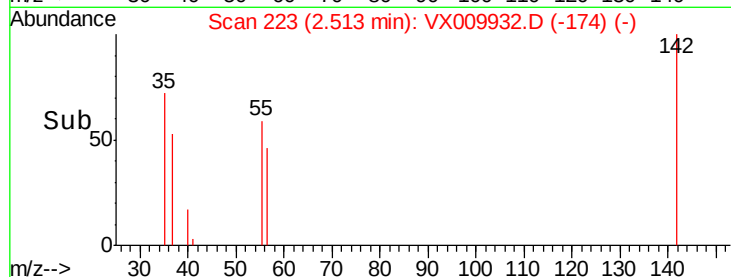
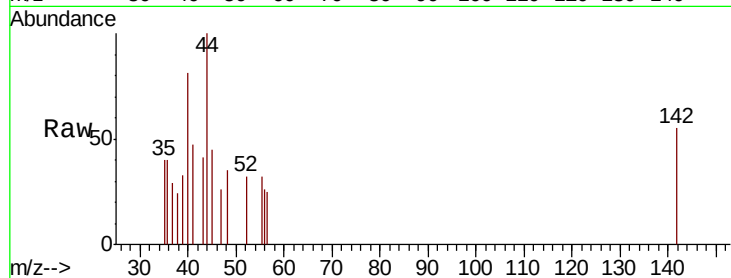




#10
Methvl Iodide
Concen: 4.748 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX009932.D
Acq: 29 May 2019 12:09

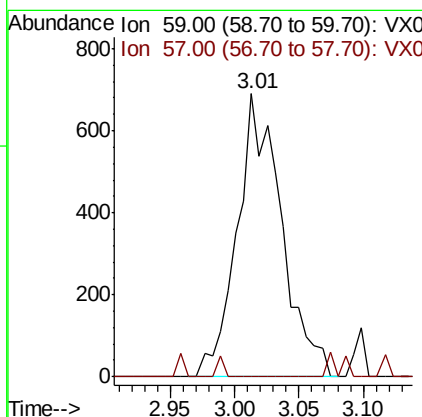
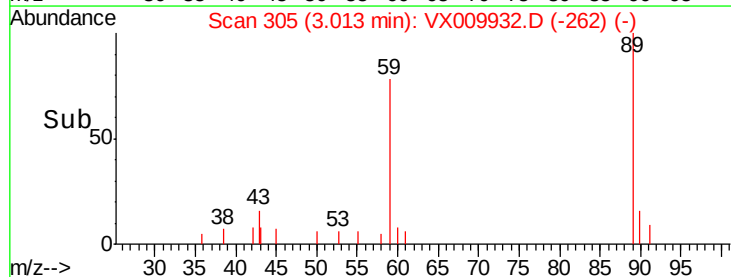
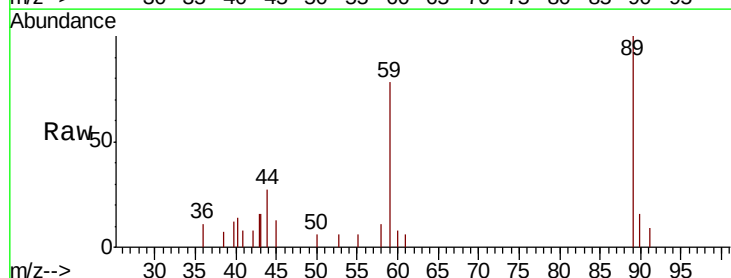
Instrument :
MSVOA_X
ClientSampleId :
IBLK

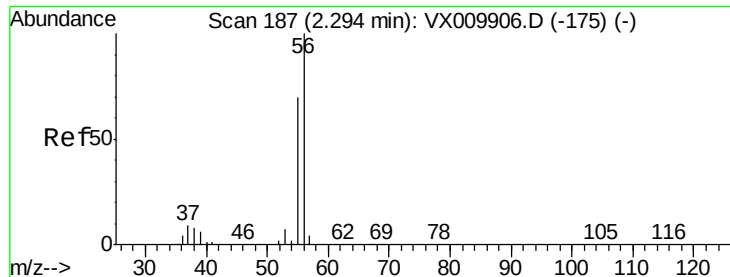
Tot Ion:142 Resp: 227
Ion Ratio Lower Upper
142 100
127 32.2 33.0 49.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.560 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009932.D
Acq: 29 May 2019 12:09

Tgt Ion: 59 Resp: 1646
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 21.390 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX009932.D

Acq: 29 May 2019 12:09

Instrument :

MSVOA_X

ClientSampled :

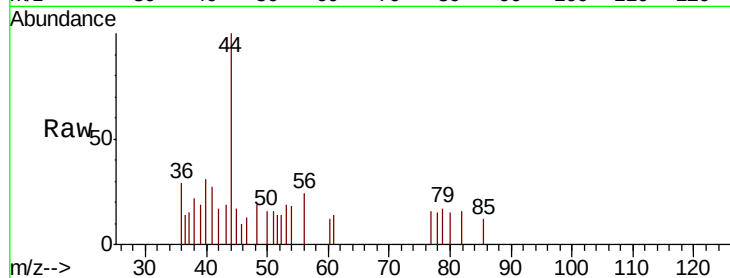
IBLK

Tot Ion: 56 Resp: 146

Ion Ratio Lower Upper

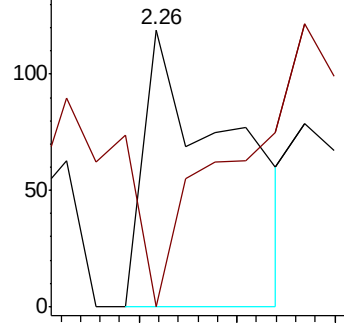
56 100

55 0.0 57.0 85.4#

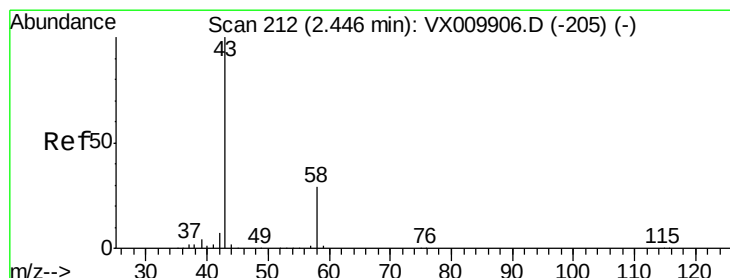
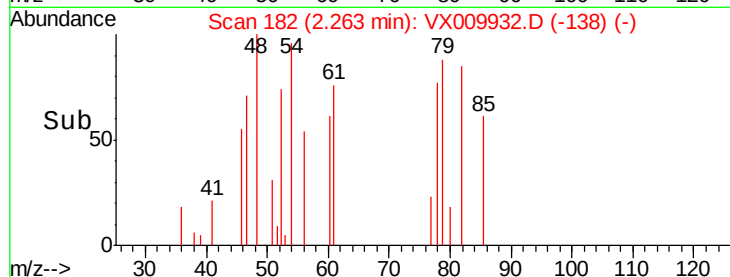


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 0.468 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009932.D

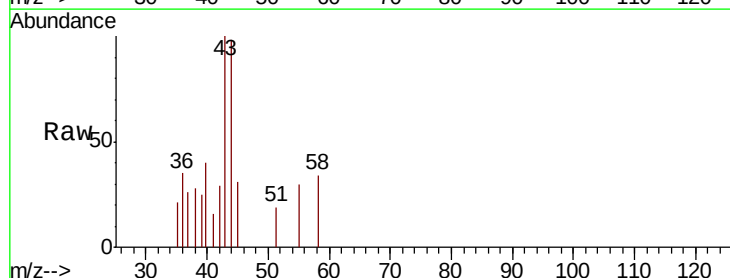
Acq: 29 May 2019 12:09

Tgt Ion: 43 Resp: 707

Ion Ratio Lower Upper

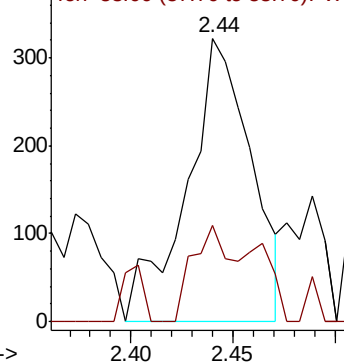
43 100

58 17.4 23.2 34.8#

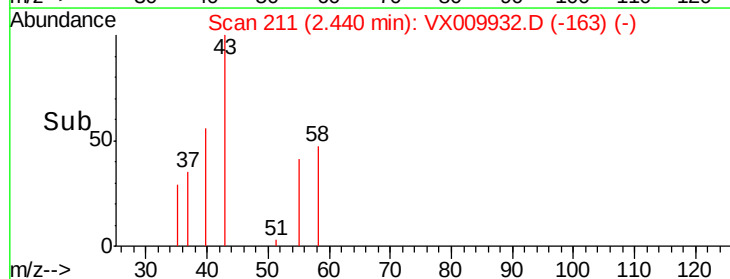


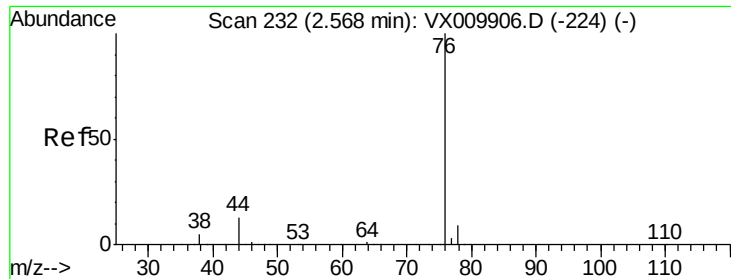
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

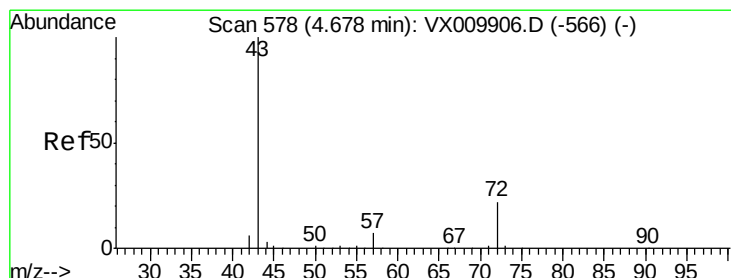
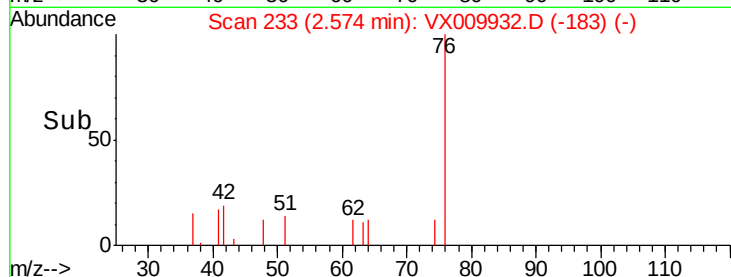
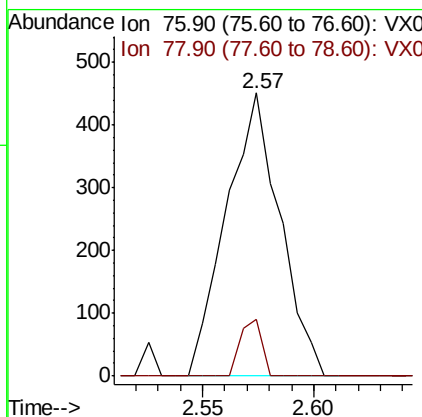
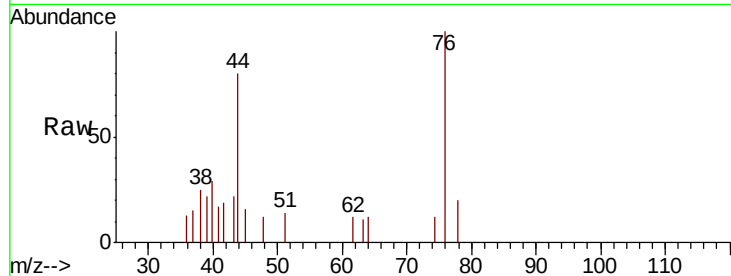




#17
Carbon Disulfide
Concen: 0.517 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009932.D
Acq: 29 May 2019 12:09

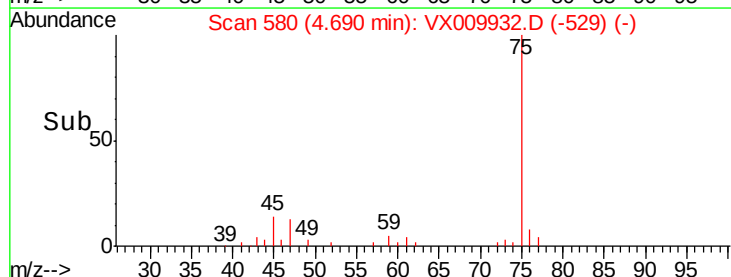
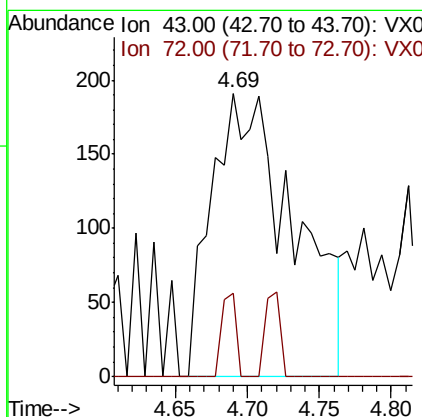
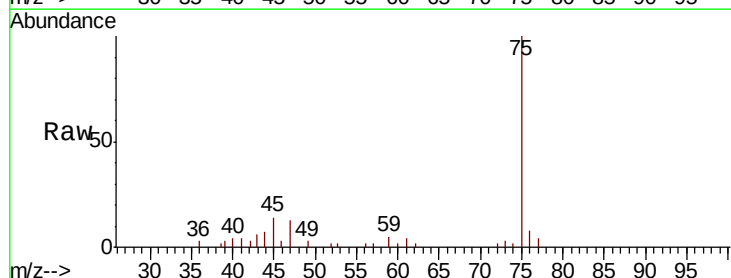
Instrument :
MSVOA_X
ClientSampled :
IBLK

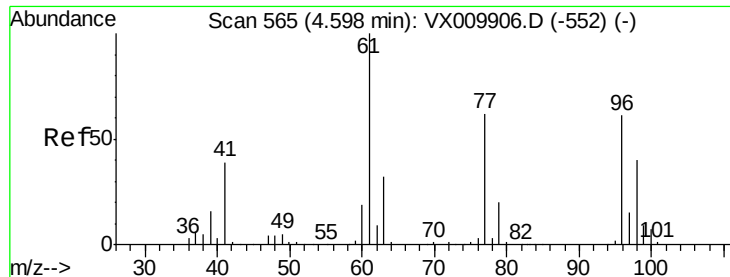
Tot Ion: 76 Resp: 756
Ion Ratio Lower Upper
76 100
78 20.2 7.0 10.6#



#25
2-Butanone
Concen: 0.322 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.01 min
Lab File: VX009932.D
Acq: 29 May 2019 12:09

Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
72 29.3 17.5 26.3#



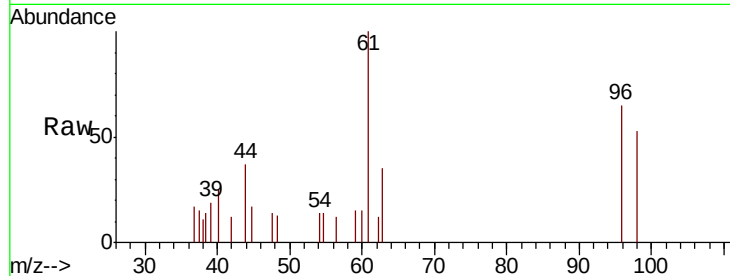


#27

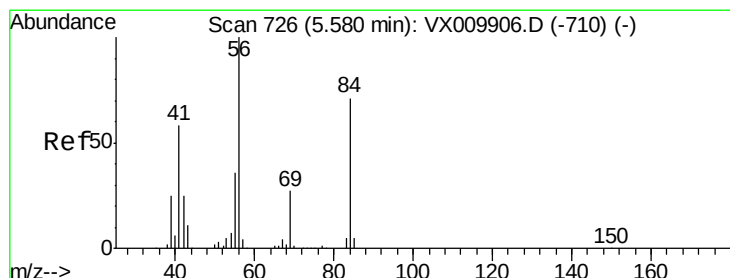
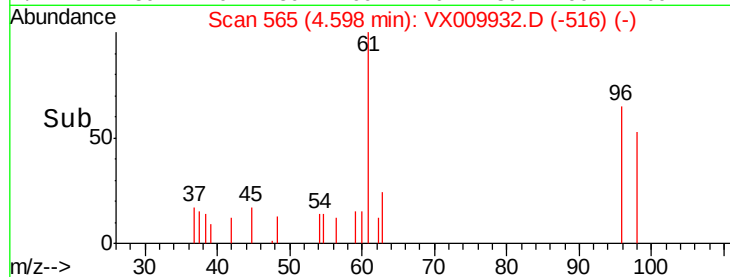
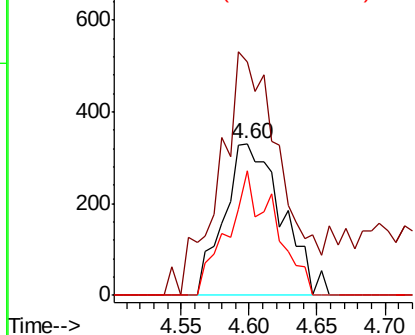
cis-1,2-Dichloroethene
 Concen: 0.406 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX009932.D
 Acq: 29 May 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Lower	Upper
96	100		
61	171.6	0.0	334.0
98	67.3	0.0	131.6



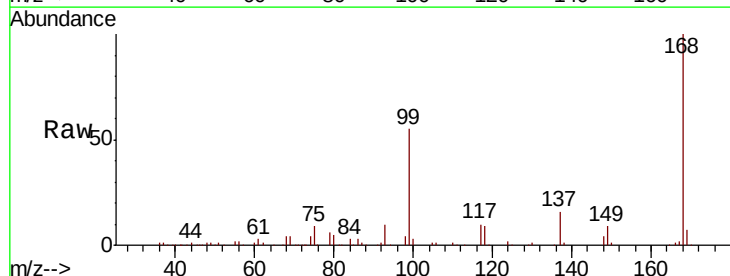
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



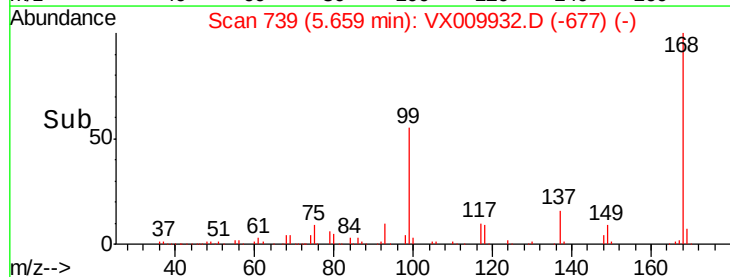
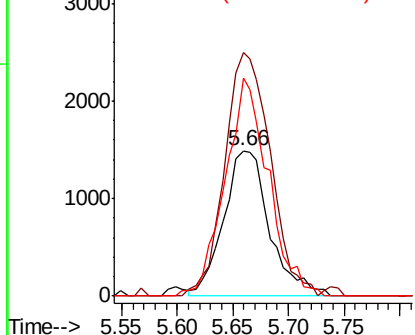
#31

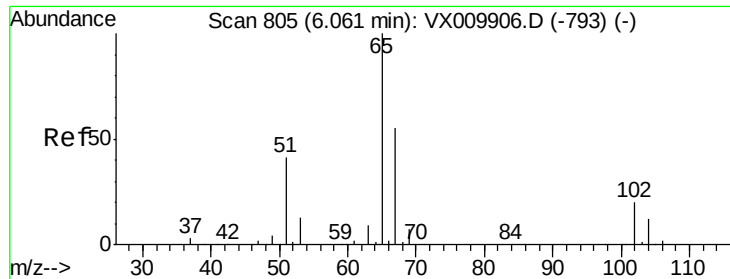
Cyclohexane
 Concen: 1.075 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.08 min
 Lab File: VX009932.D
 Acq: 29 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
56	100		
69	162.2	21.6	32.4#
84	150.0	56.8	85.2#



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

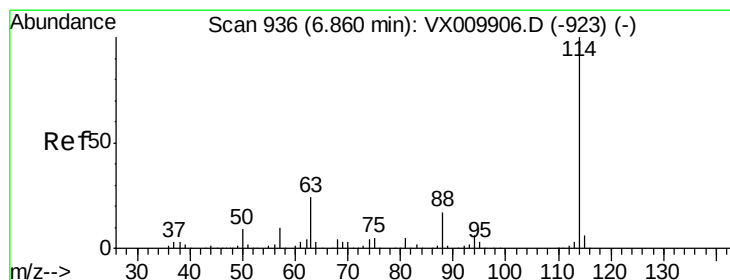
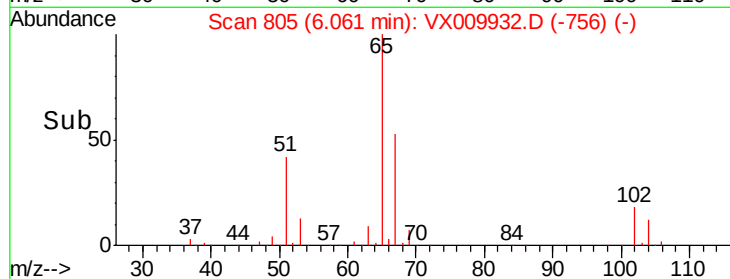
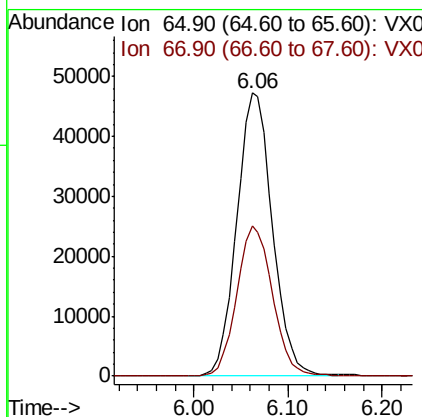
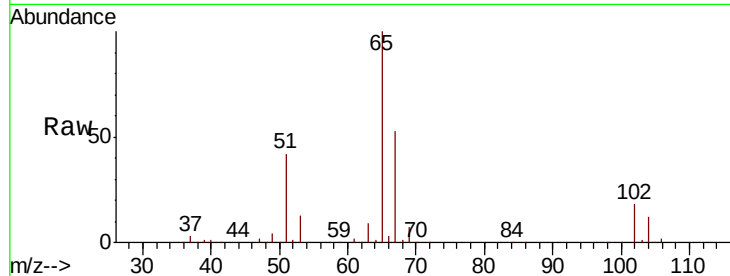




#33
 1,2-Dichloroethane-d4
 Concen: 47.721 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009932.D
 Acq: 29 May 2019 12:09

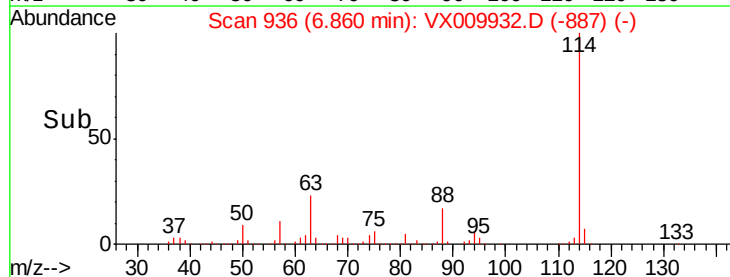
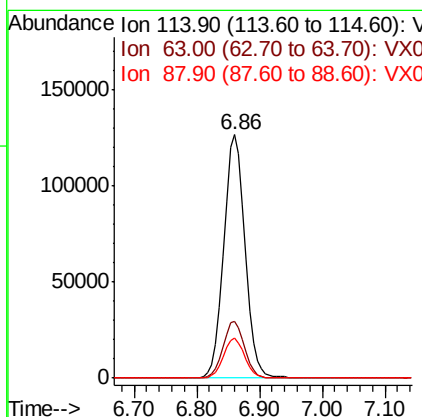
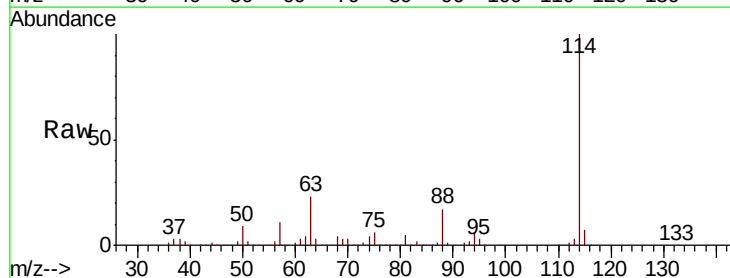
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

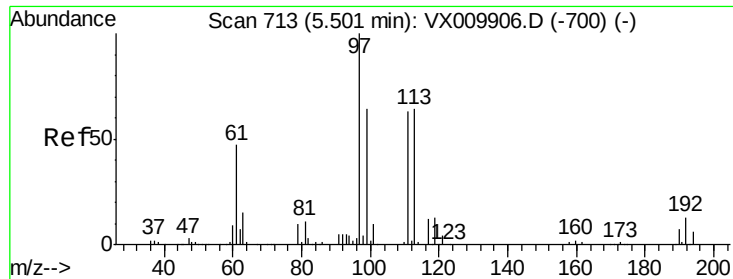
Tot Ion: 65 Resp: 124698
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009932.D
 Acq: 29 May 2019 12:09

Tgt Ion: 114 Resp: 296969
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.4
 88 16.5 0.0 33.0

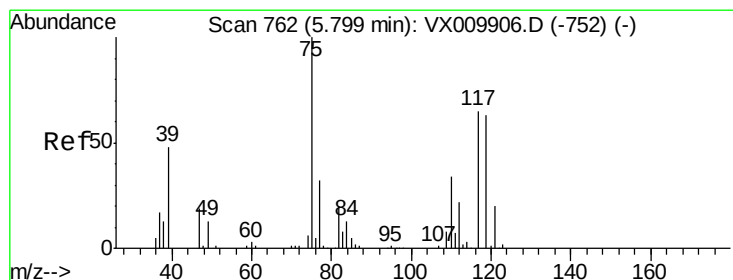
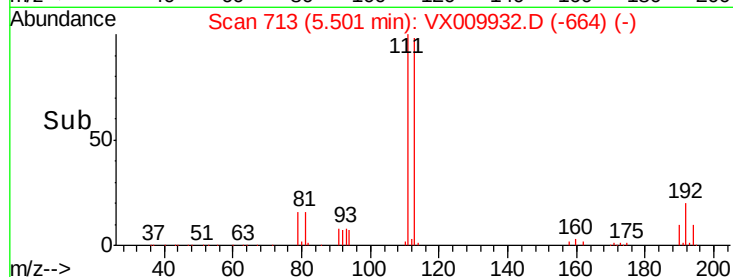
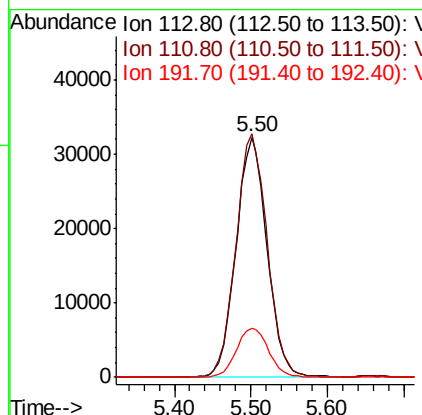
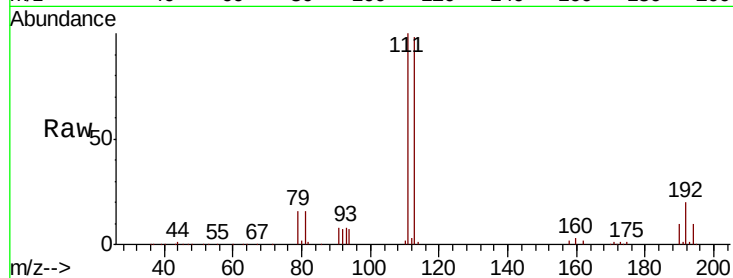




#35
 Dibromofluoromethane
 Concen: 48.463 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009932.D
 Acq: 29 May 2019 12:09

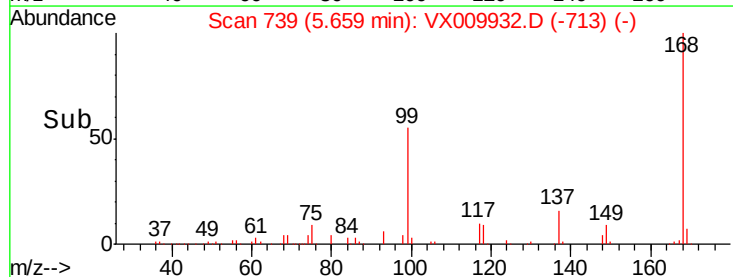
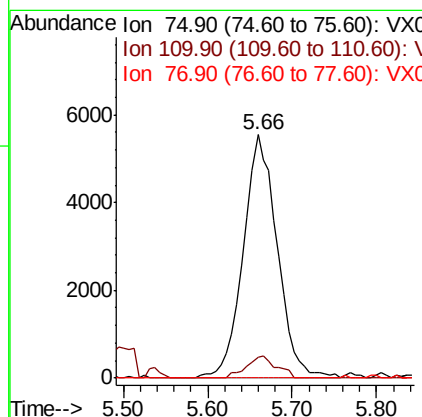
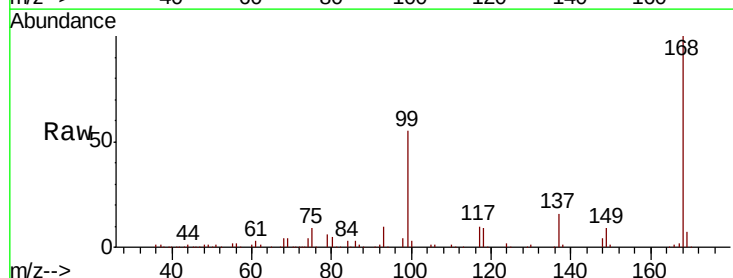
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

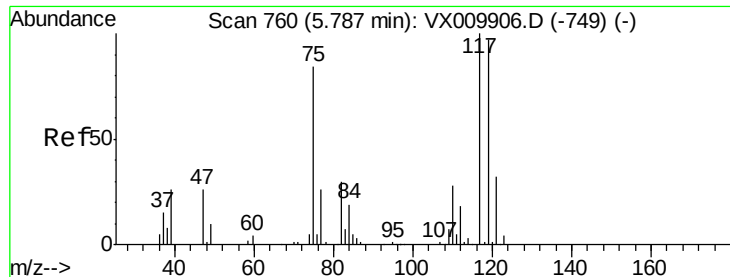
Tot Ion:113 Resp: 90483
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 21.4 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 5.034 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009932.D
 Acq: 29 May 2019 12:09

Tgt Ion: 75 Resp: 15167
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.7 50.1#
 77 0.0 25.0 37.4#

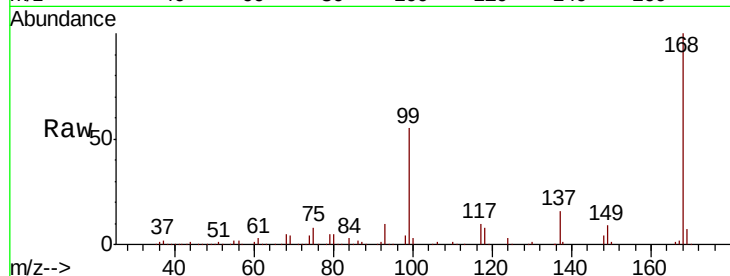




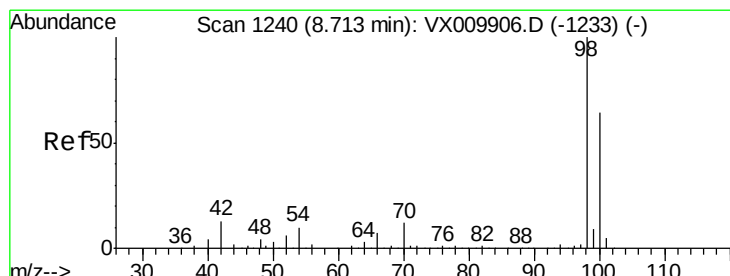
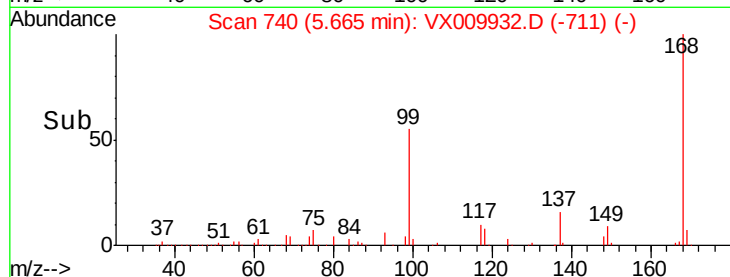
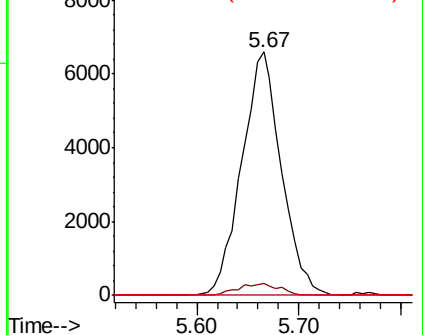
#38
Carbon Tetrachloride
Concen: 6.813 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009932.D
Acq: 29 May 2019 12:09

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:117 Resp: 17738
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 25.4 38.0#

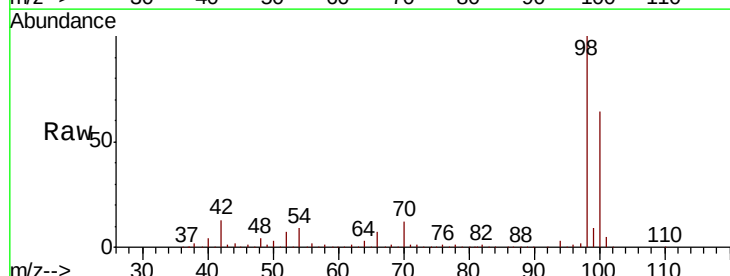


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

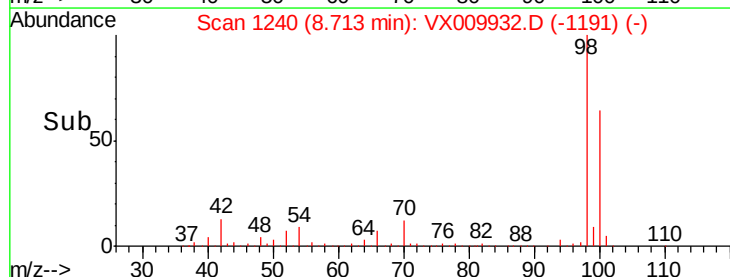
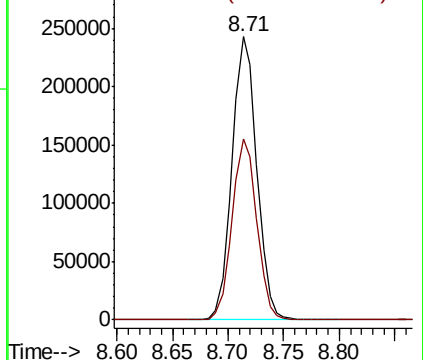


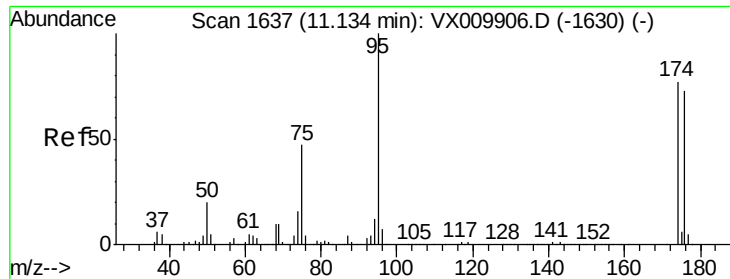
#50
Toluene-d8
Concen: 49.412 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009932.D
Acq: 29 May 2019 12:09

Tgt Ion: 98 Resp: 374629
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



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

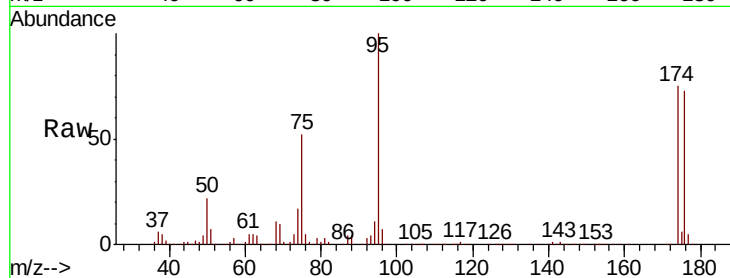




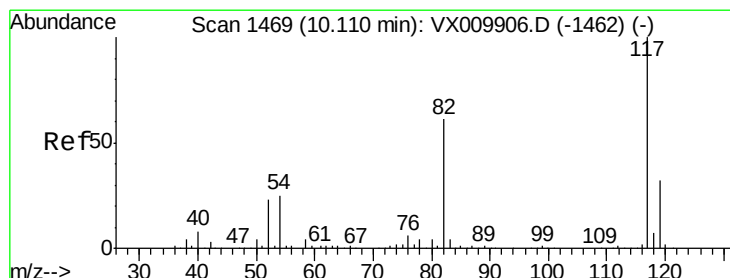
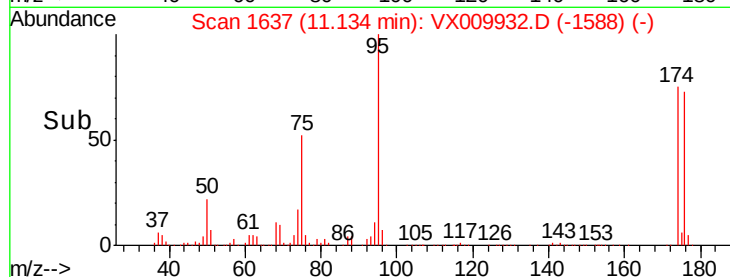
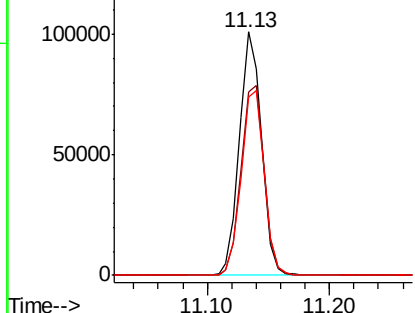
#62
4-Bromofluorobenzene
Concen: 46.162 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009932.D
Acq: 29 May 2019 12:09

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion: 95 Resp: 125708
Ion Ratio Lower Upper
95 100
174 81.8 0.0 160.4
176 79.1 0.0 154.6

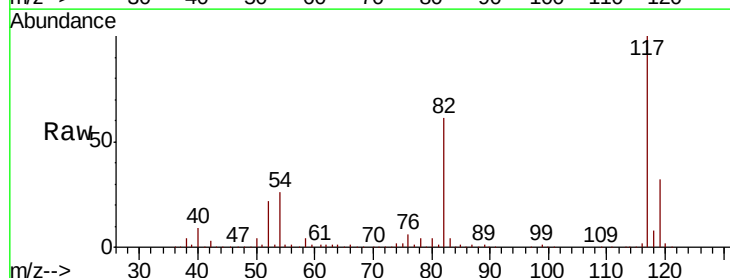


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

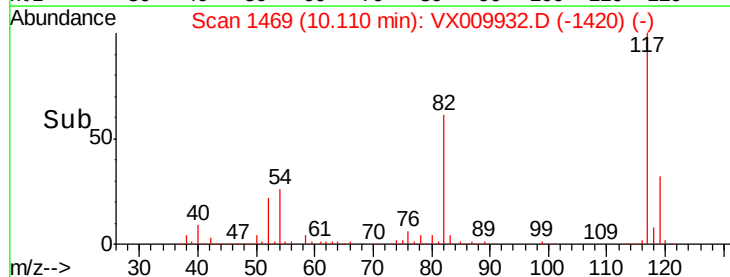
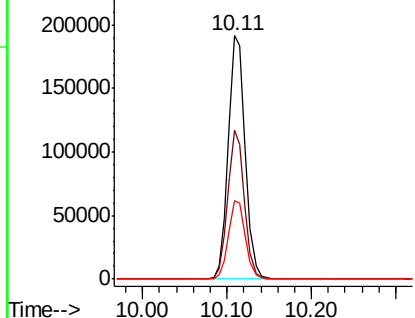


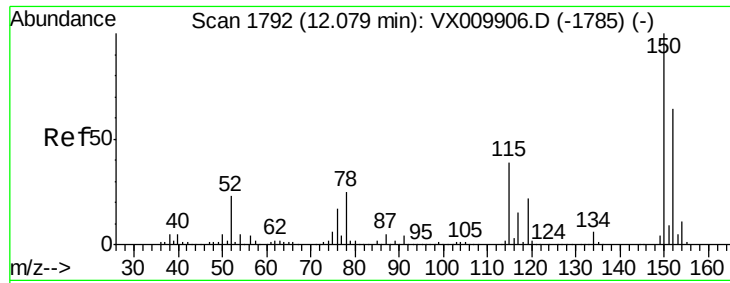
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009932.D
Acq: 29 May 2019 12:09

Tgt Ion: 117 Resp: 264851
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 32.0 25.2 37.8



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: VX009932.D

Acq: 29 May 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

IBLK

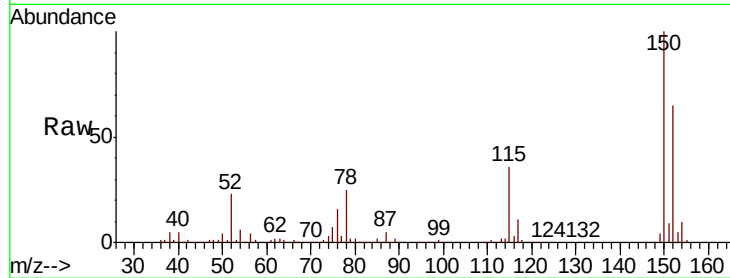
Tot Ion:152 Resp: 115565

Ion Ratio Lower Upper

152 100

115 57.5 41.4 124.2

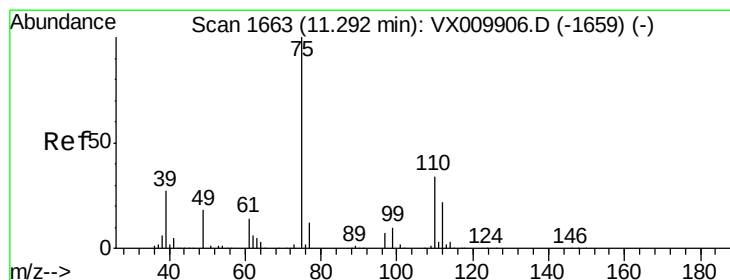
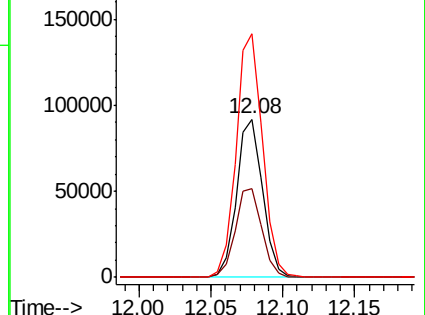
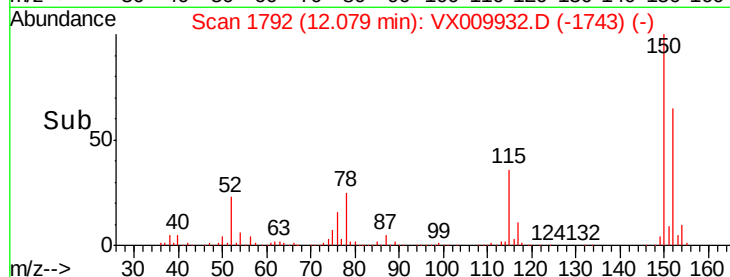
150 156.4 0.0 345.2



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: 23.749 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009932.D

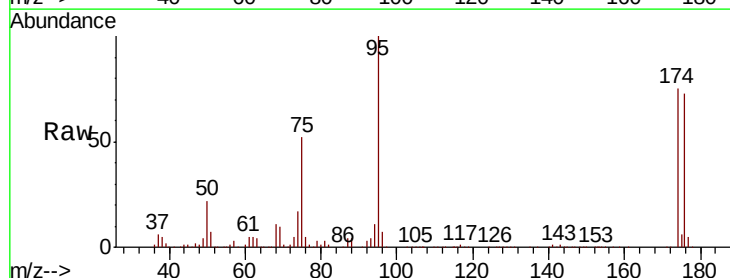
Acq: 29 May 2019 12:09

Tgt Ion: 75 Resp: 65632

Ion Ratio Lower Upper

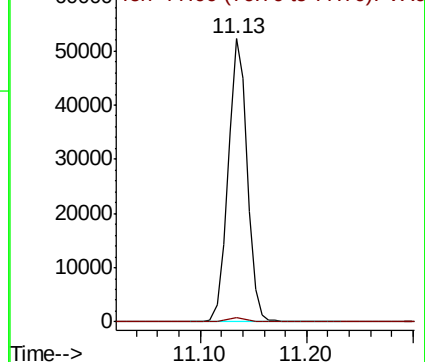
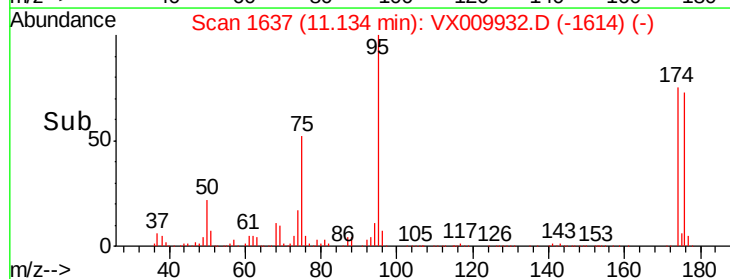
75 100

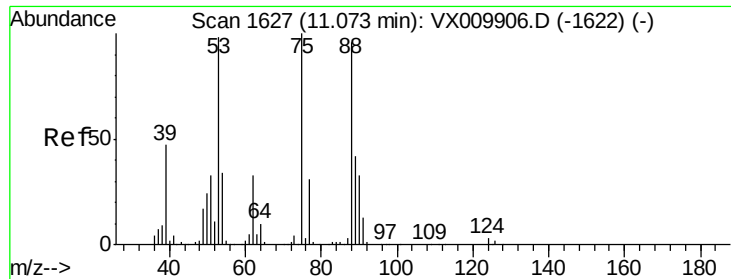
77 1.5 22.1 66.1#



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: 58.760 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009932.D

Acq: 29 May 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tot Ion: 75 Resp: 65632

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

89 0.0 34.2 51.4#

