

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053019\
 Data File : VX009962.D
 Acq On : 30 May 2019 15:51
 Operator : JC/SP
 Sample : K3106-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 66-67-TRACK

Quant Time: May 31 05:35:02 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	166617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102164	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	116955	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
35) Dibromofluoromethane	5.50	113	83791	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
50) Toluene-d8	8.71	98	343047	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	113057	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

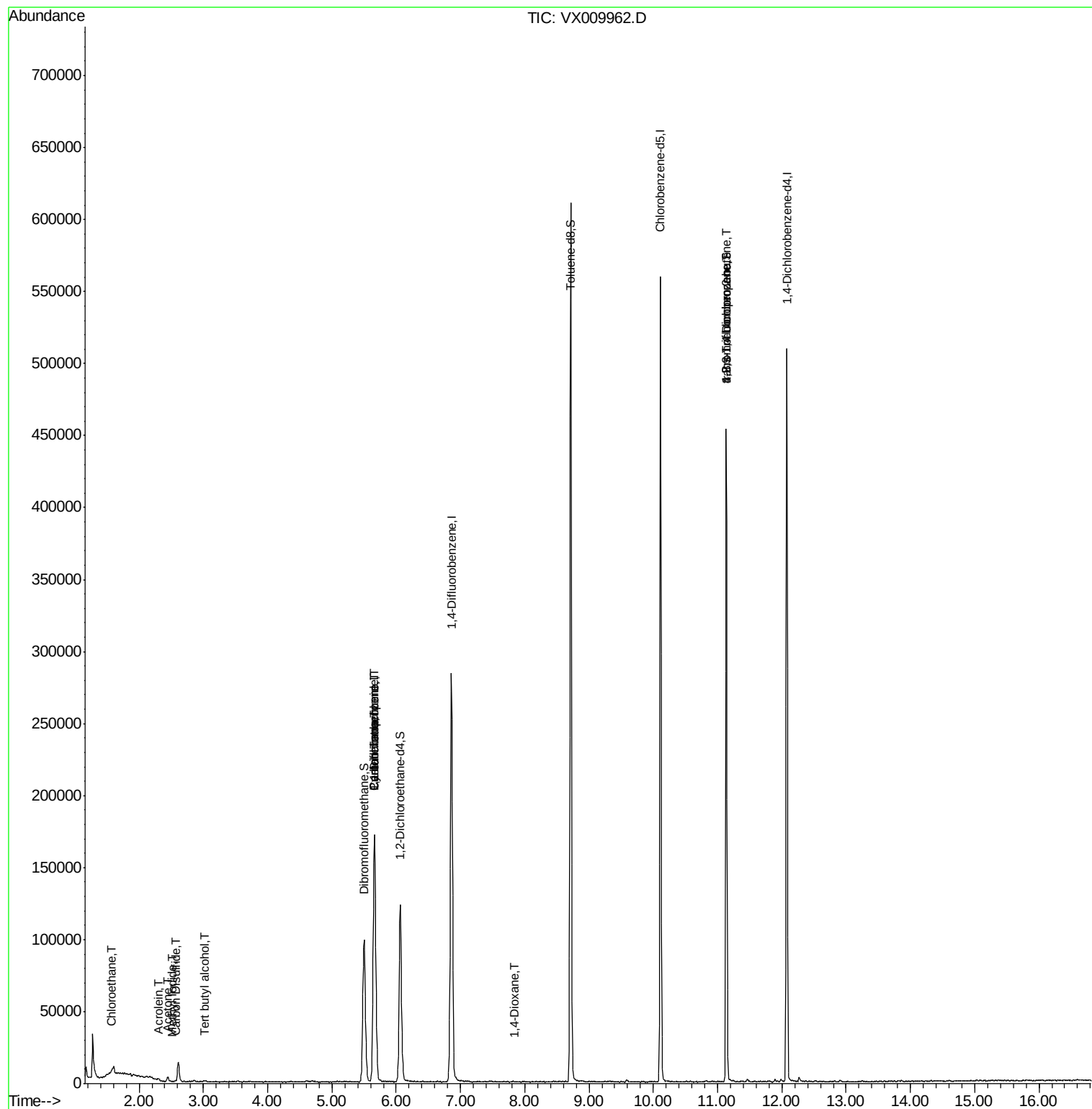
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.56	64	857	0.564	ug/l #	43
10) Methyl Iodide	2.52	142	41	4.675	ug/l #	42
11) Tert butyl alcohol	3.01	59	790	1.364	ug/l #	73
13) Acrolein	2.30	56	220	21.588	ug/l #	67
16) Acetone	2.45	43	3850	2.831	ug/l	90
17) Carbon Disulfide	2.57	76	664	0.514	ug/l #	72
31) Cyclohexane	5.66	56	3638	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13102	4.806	ug/l #	51
38) Carbon Tetrachloride	5.66	117	15683	6.658	ug/l #	16
49) 1,4-Dioxane	7.85	88	25	0.443	ug/l #	10
76) 1,2,3-Trichloropropane	11.13	75	59885	24.512	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	59885	60.647	ug/l #	10

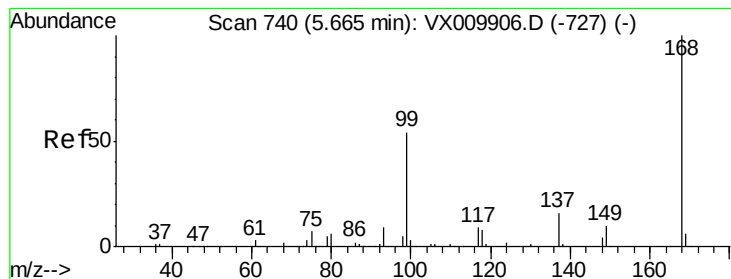
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009962.D

Acq: 30 May 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

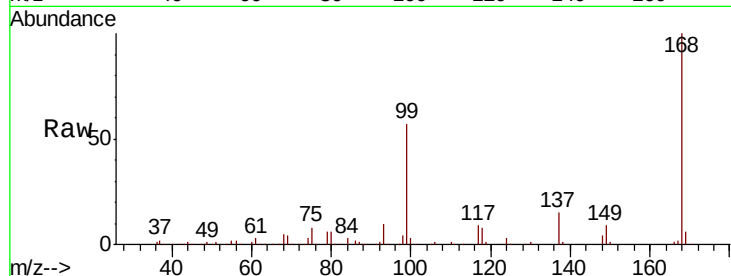
66-67-TRACK

Tot Ion:168 Resp: 166617

Ion Ratio Lower Upper

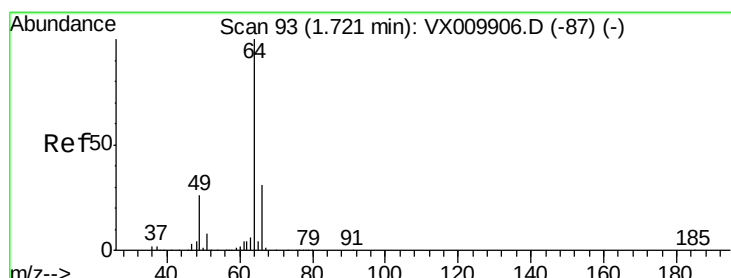
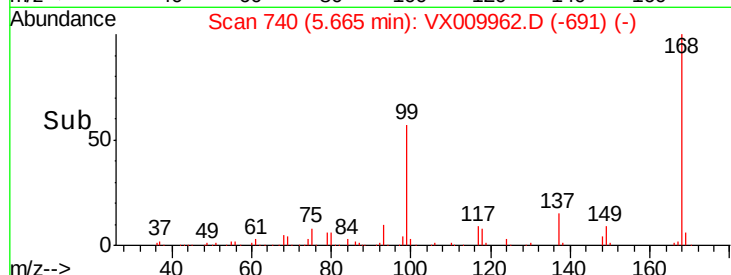
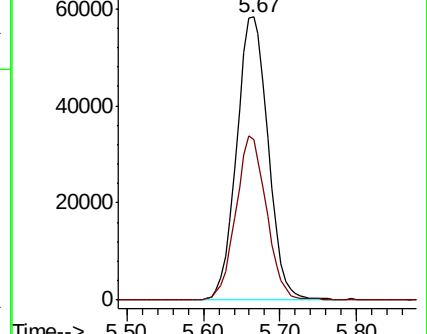
168 100

99 56.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.564 ug/l

RT: 1.56 min Scan# 67

Delta R.T. -0.16 min

Lab File: VX009962.D

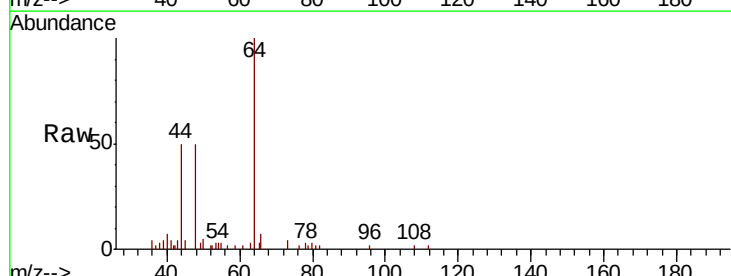
Acq: 30 May 2019 15:51

Tgt Ion: 64 Resp: 857

Ion Ratio Lower Upper

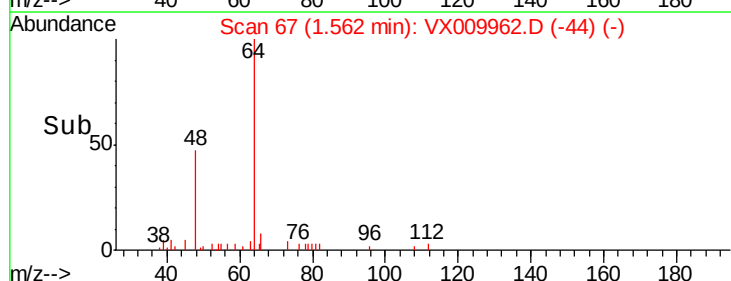
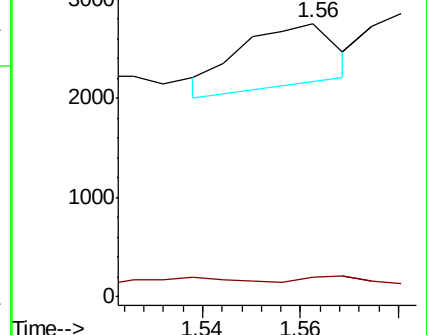
64 100

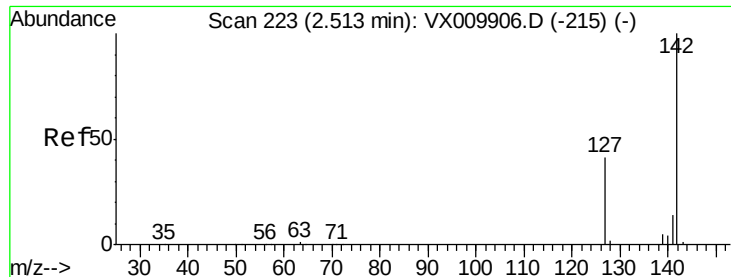
66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

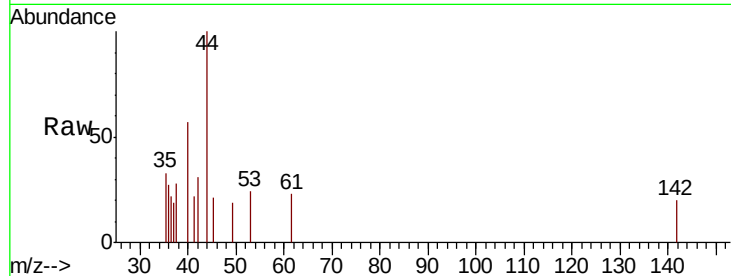




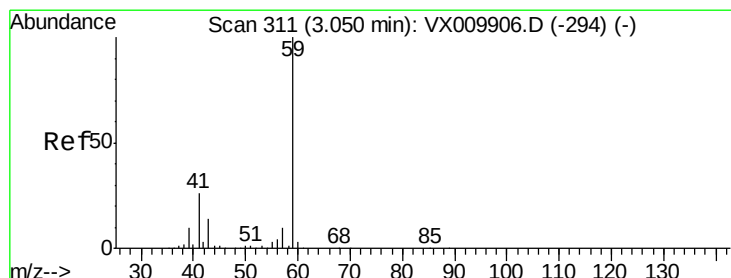
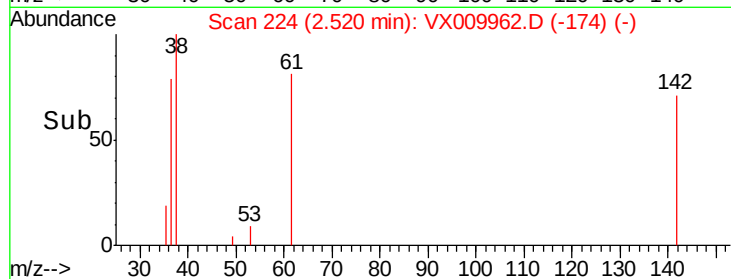
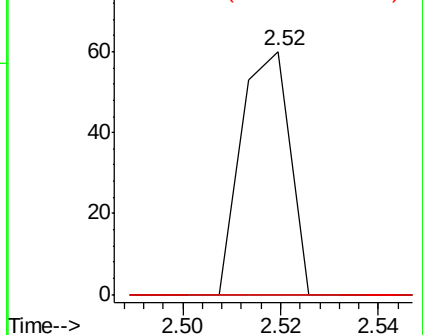
#10
Methyl Iodide
Concen: 4.675 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009962.D
Acq: 30 May 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
66-67-TRACK

Tot Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 33.0 49.4#
141 0.0 11.4 17.0#

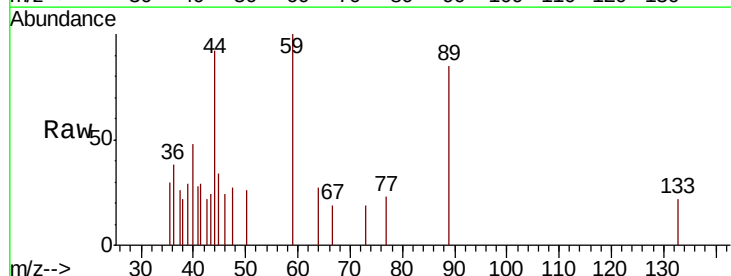


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

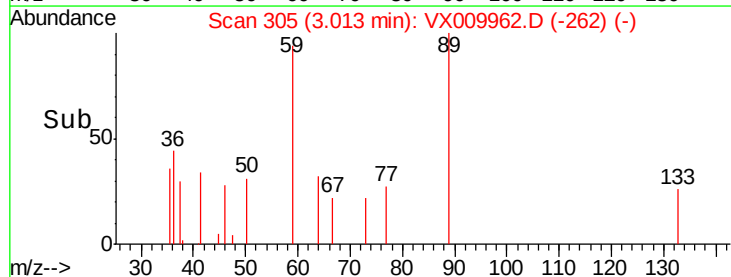
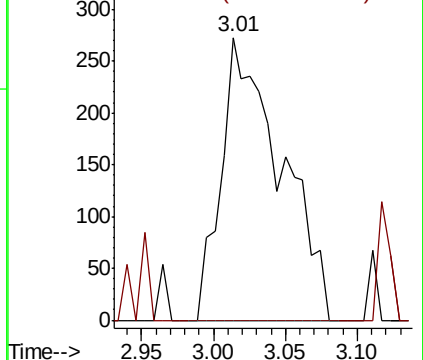


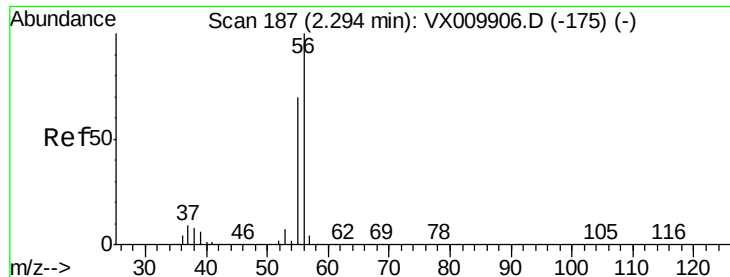
#11
Tert butyl alcohol
Concen: 1.364 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009962.D
Acq: 30 May 2019 15:51

Tgt Ion: 59 Resp: 790
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



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





#13

Acrolein

Concen: 21.588 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX009962.D

Acq: 30 May 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

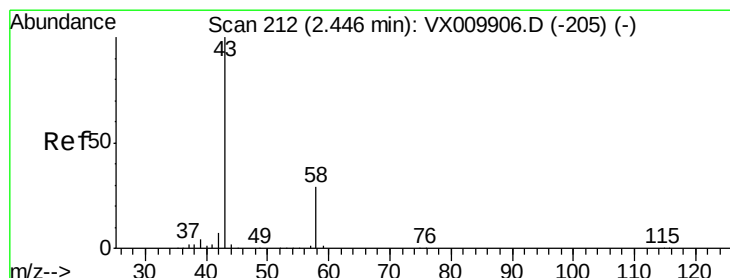
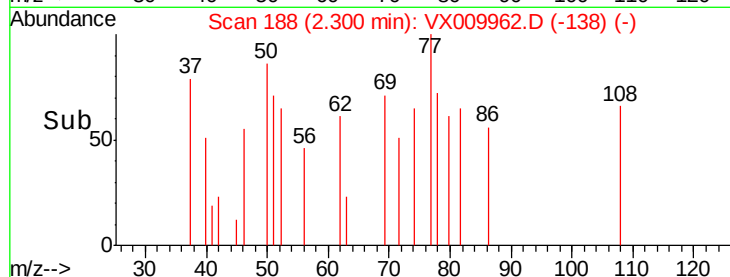
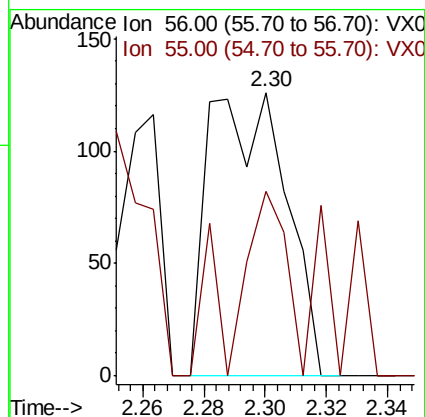
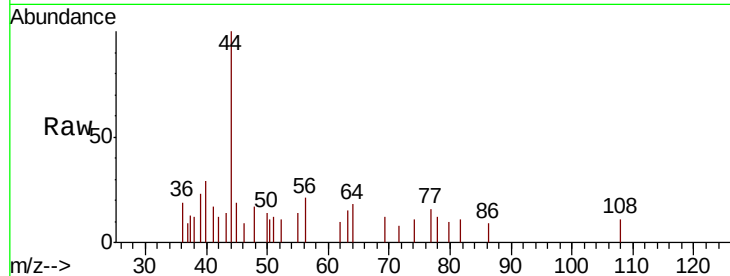
66-67-TRACK

Tot Ion: 56 Resp: 220

Ion Ratio Lower Upper

56 100

55 44.1 57.0 85.4#



#16

Acetone

Concen: 2.831 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009962.D

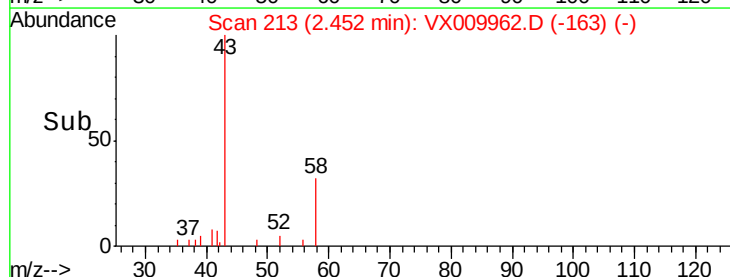
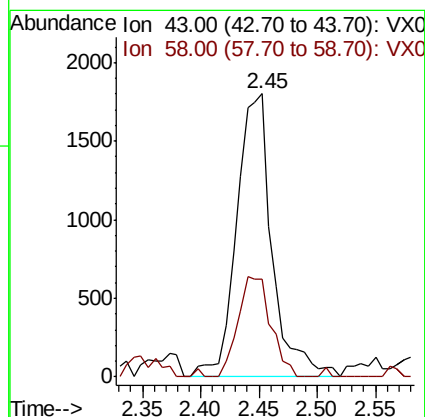
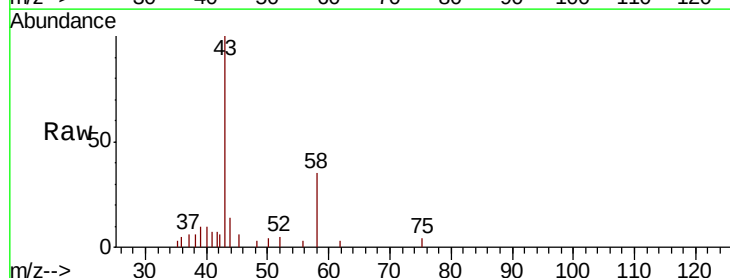
Acq: 30 May 2019 15:51

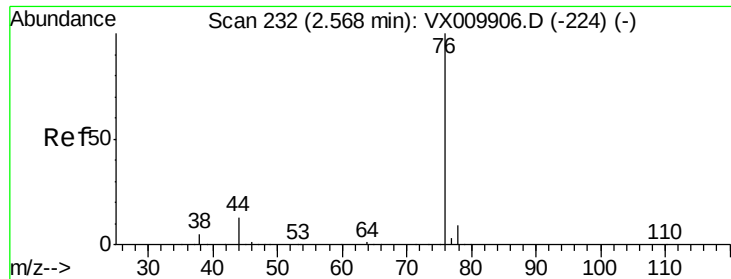
Tgt Ion: 43 Resp: 3850

Ion Ratio Lower Upper

43 100

58 34.5 23.2 34.8

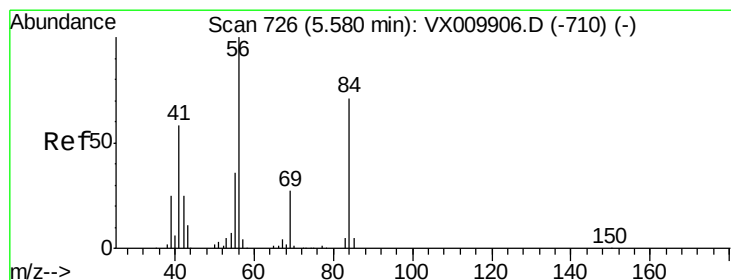
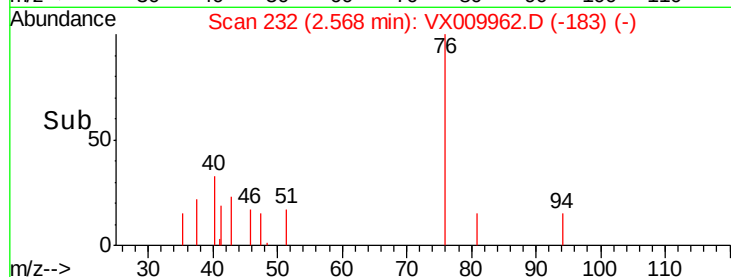
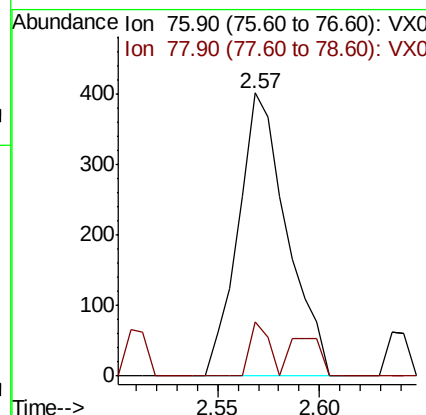
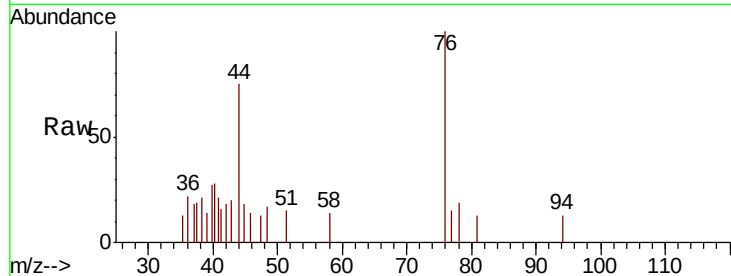




#17
Carbon Disulfide
Concen: 0.514 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009962.D
Acq: 30 May 2019 15:51

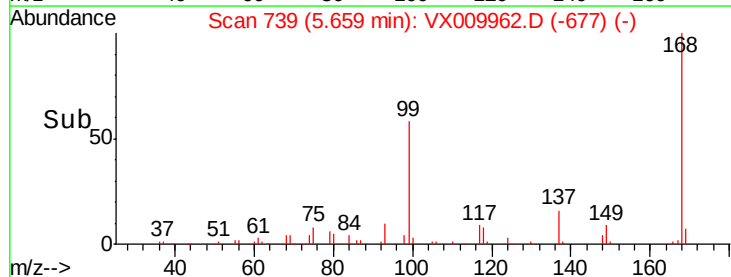
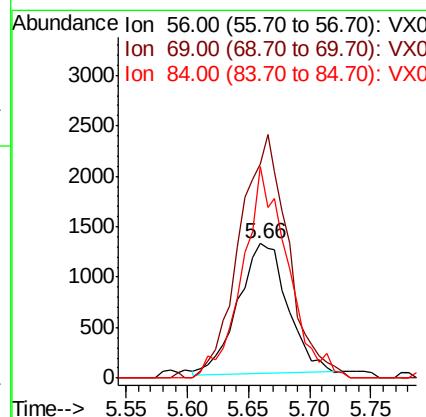
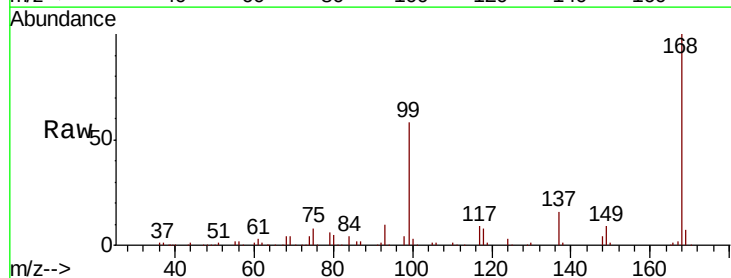
Instrument :
MSVOA_X
ClientSampleId :
66-67-TRACK

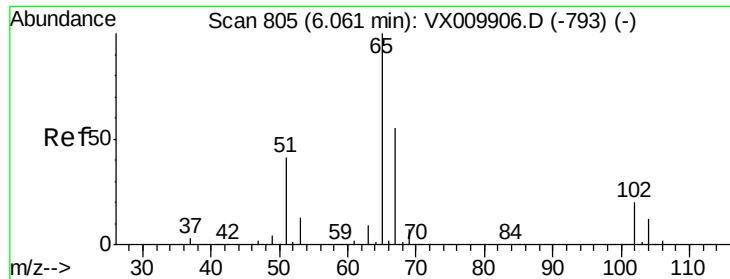
Tot Ion: 76 Resp: 664
Ion Ratio Lower Upper
76 100
78 19.0 7.0 10.6#



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009962.D
Acq: 30 May 2019 15:51

Tgt Ion: 56 Resp: 3638
Ion Ratio Lower Upper
56 100
69 167.7 21.6 32.4#
84 165.6 56.8 85.2#

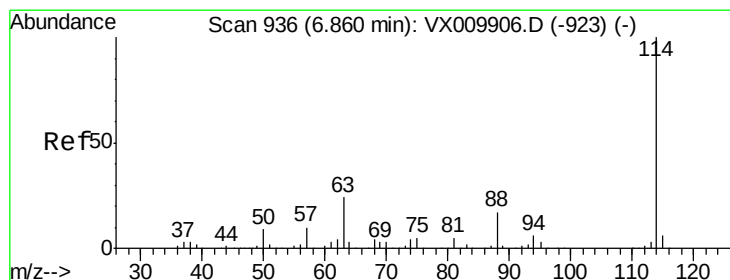
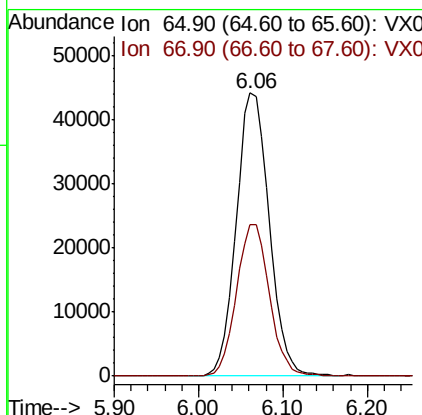
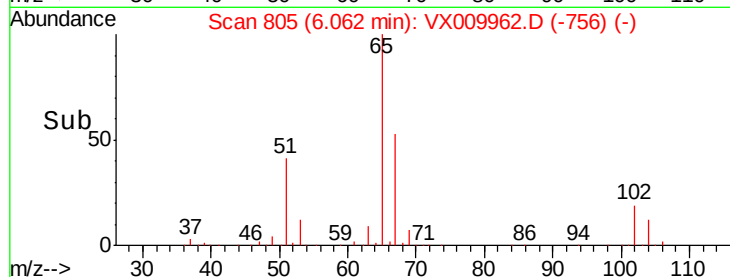
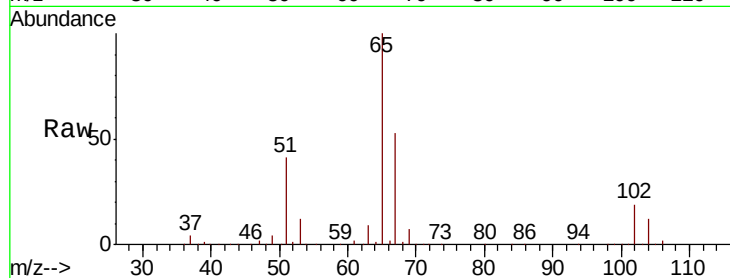




#33
 1,2-Dichloroethane-d4
 Concen: 49.692 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009962.D
 Acq: 30 May 2019 15:51

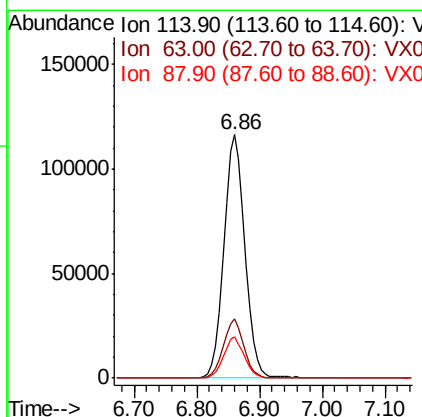
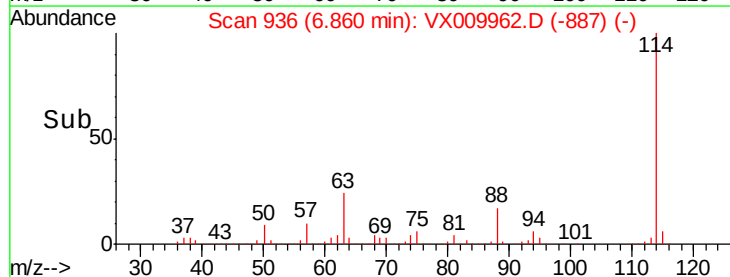
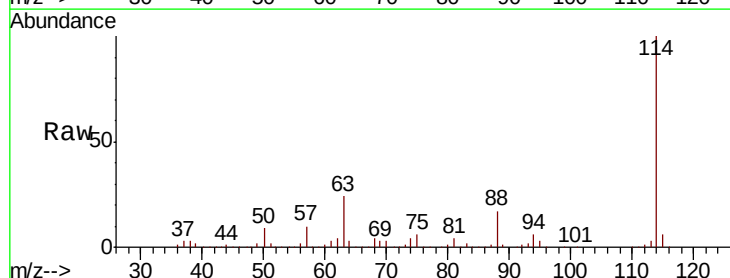
Instrument :
 MSVOA_X
 ClientSampleId :
 66-67-TRACK

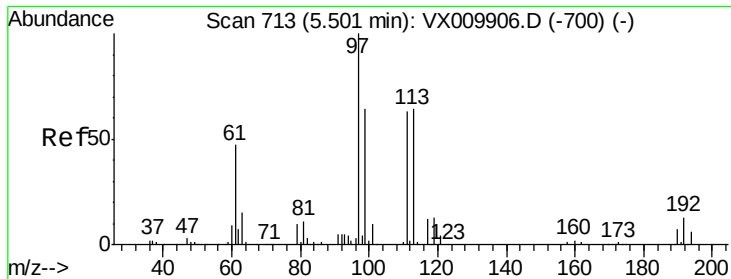
Tot Ion: 65 Resp: 116955
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009962.D
 Acq: 30 May 2019 15:51

Tgt Ion: 114 Resp: 268669
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 47.4
 88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.606 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009962.D

Acq: 30 May 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

66-67-TRACK

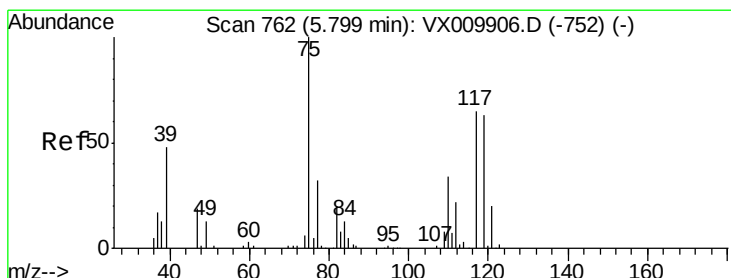
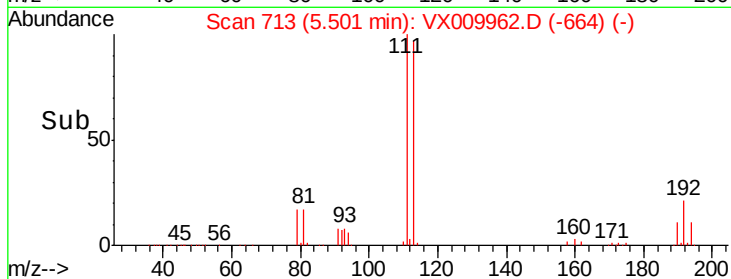
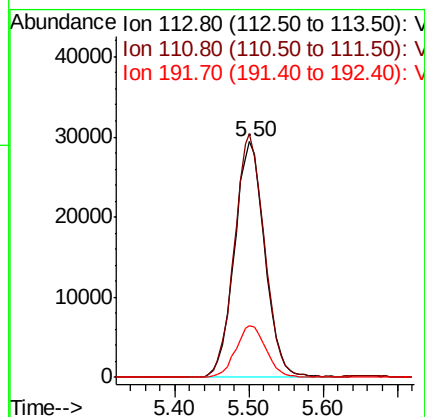
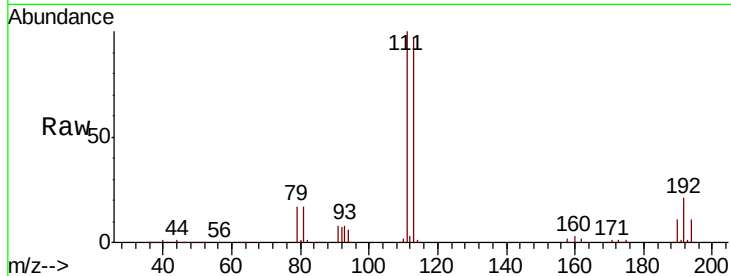
Tot Ion:113 Resp: 83791

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 21.9 17.1 25.7



#36

1,1-Dichloropropene

Concen: 4.806 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009962.D

Acq: 30 May 2019 15:51

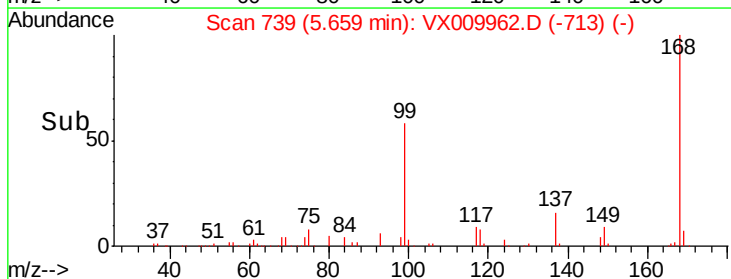
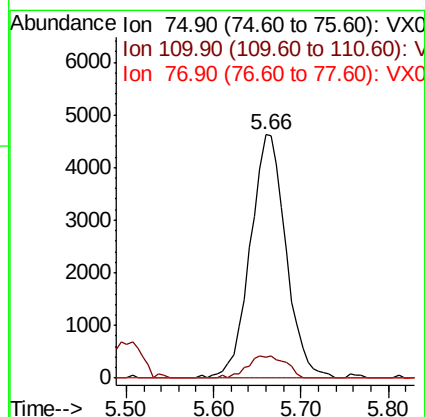
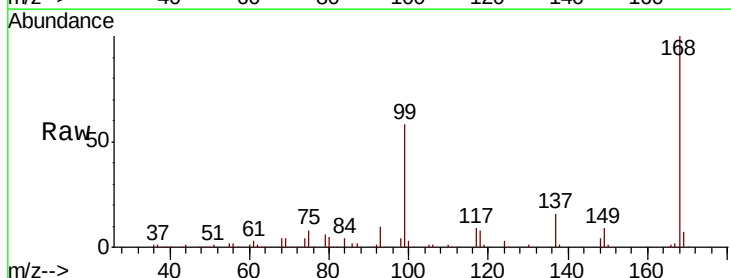
Tgt Ion: 75 Resp: 13102

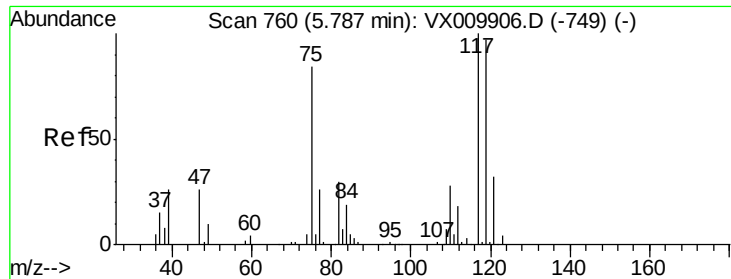
Ion Ratio Lower Upper

75 100

110 10.0 16.7 50.1#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.658 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX009962.D

Acq: 30 May 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

66-67-TRACK

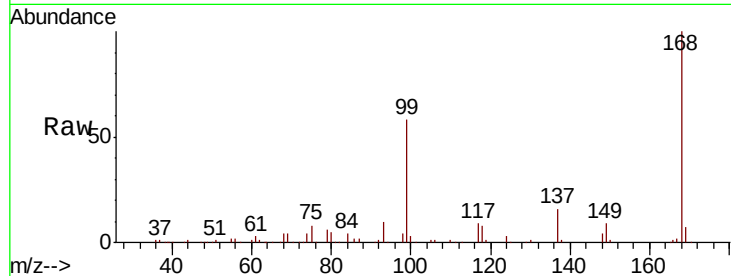
Tot Ion:117 Resp: 15683

Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

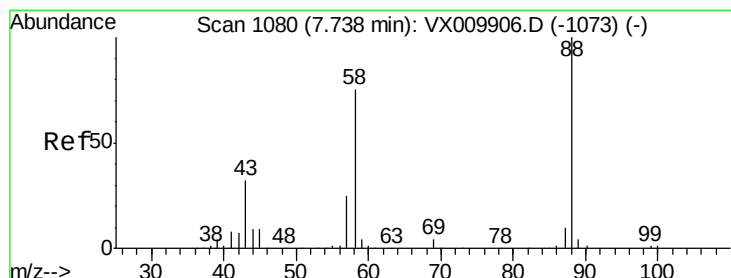
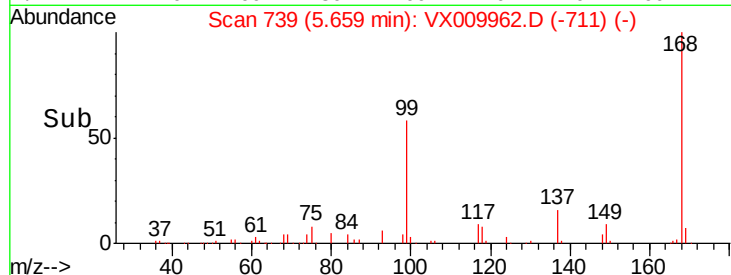
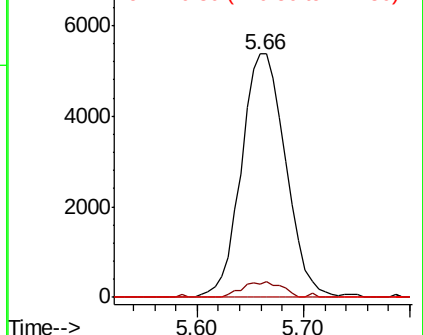
121 0.0 25.4 38.0#



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



#49

1,4-Dioxane

Concen: 0.443 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. 0.11 min

Lab File: VX009962.D

Acq: 30 May 2019 15:51

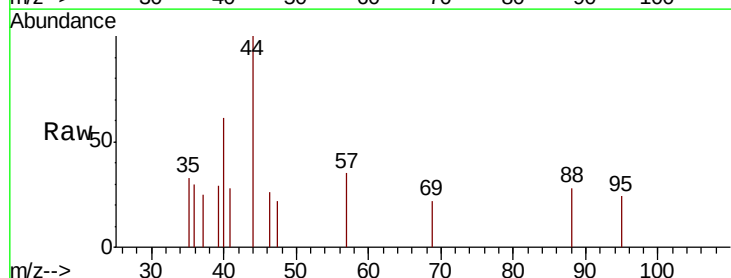
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 92.0 30.2 45.4#

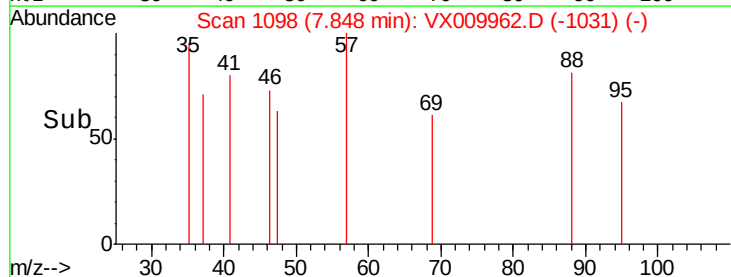
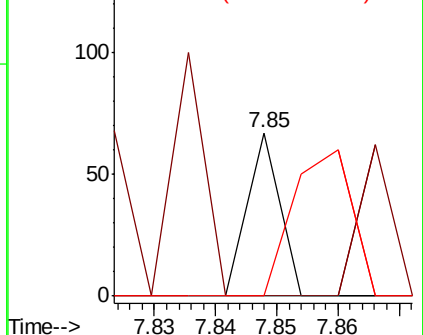
58 160.0 64.0 96.0#

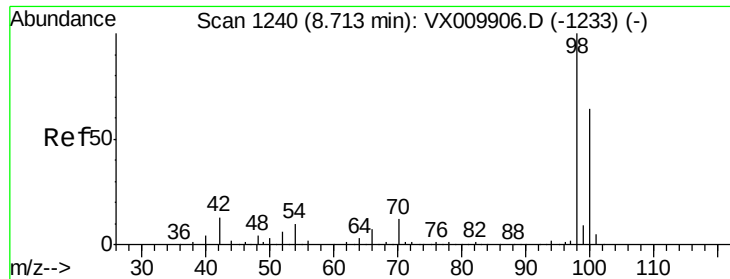


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

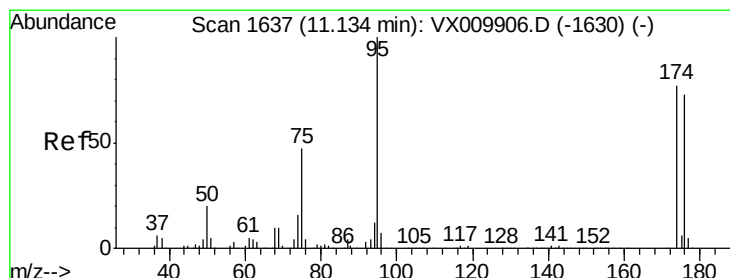
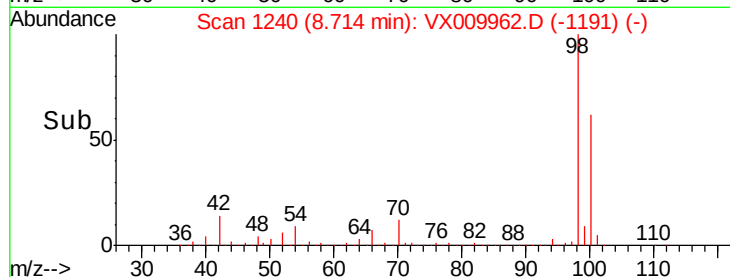
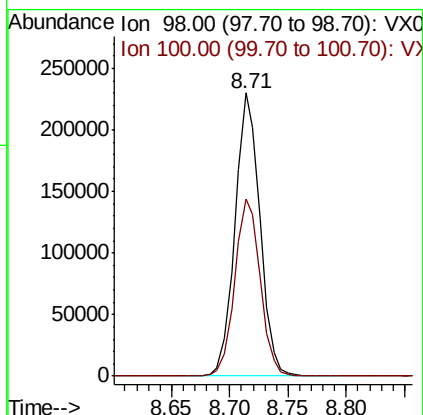
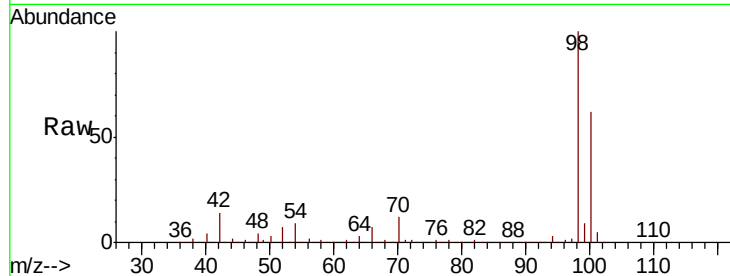




#50
Toluene-d8
Concen: 50.013 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009962.D
Acq: 30 May 2019 15:51

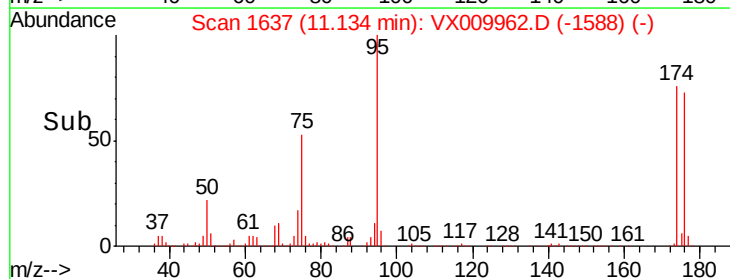
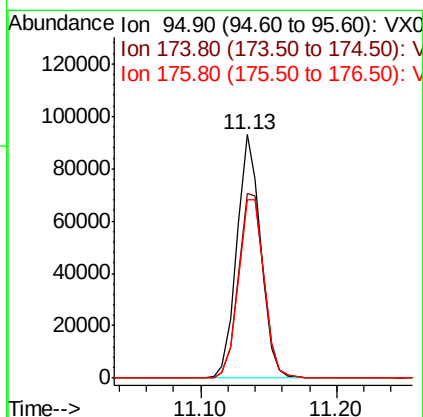
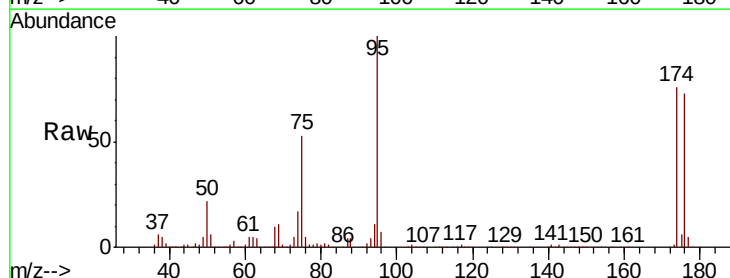
Instrument :
MSVOA_X
ClientSampleId :
66-67-TRACK

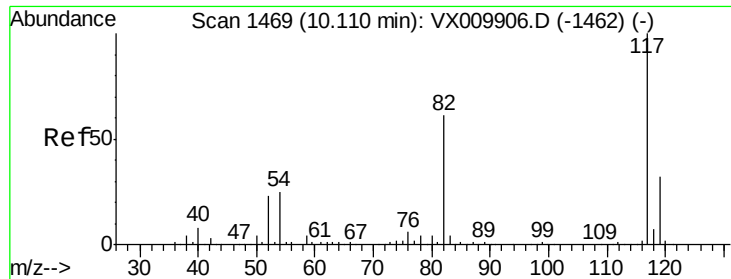
Tot Ion: 98 Resp: 343047
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.889 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009962.D
Acq: 30 May 2019 15:51

Tgt Ion: 95 Resp: 113057
Ion Ratio Lower Upper
95 100
174 81.2 0.0 160.4
176 79.1 0.0 154.6

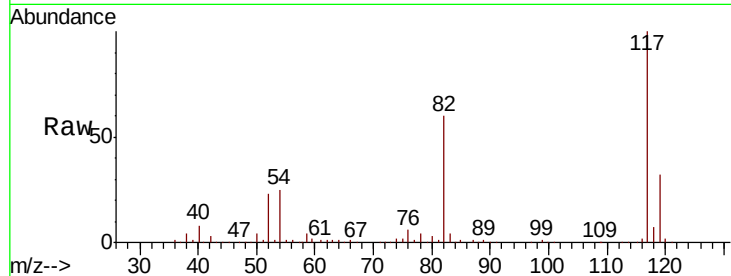




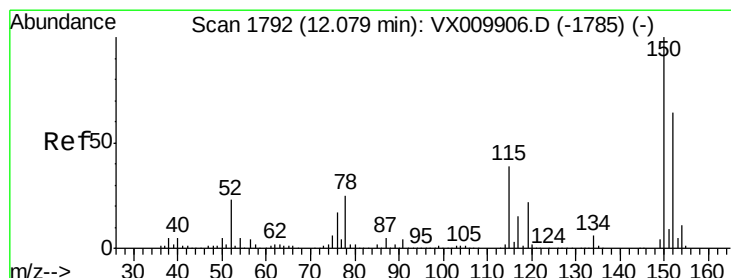
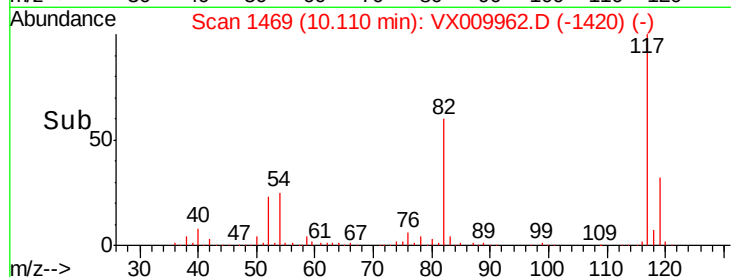
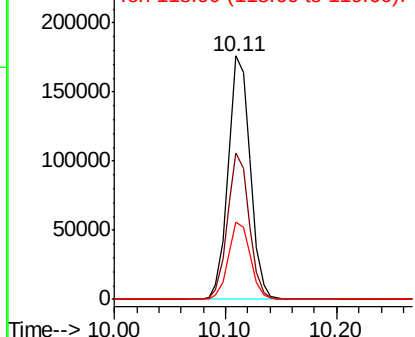
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009962.D
Acq: 30 May 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
66-67-TRACK

Tot Ion:117 Resp: 241234
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.8 25.2 37.8

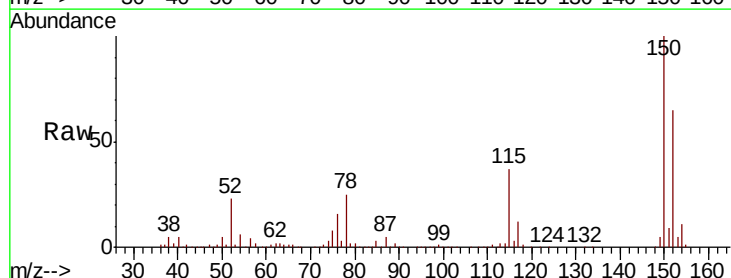


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

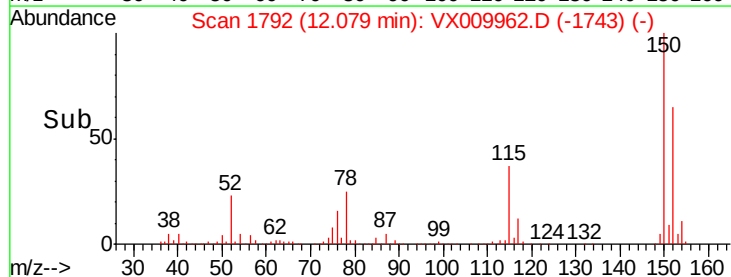
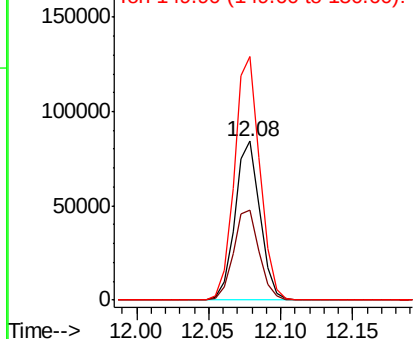


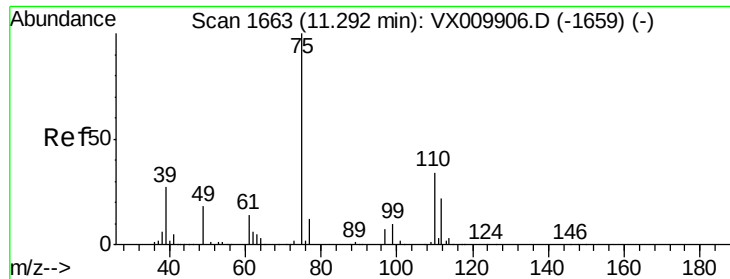
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009962.D
Acq: 30 May 2019 15:51

Tgt Ion:152 Resp: 102164
Ion Ratio Lower Upper
152 100
115 58.7 41.4 124.2
150 156.5 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

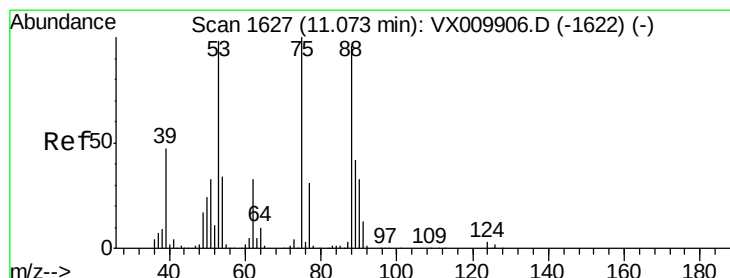
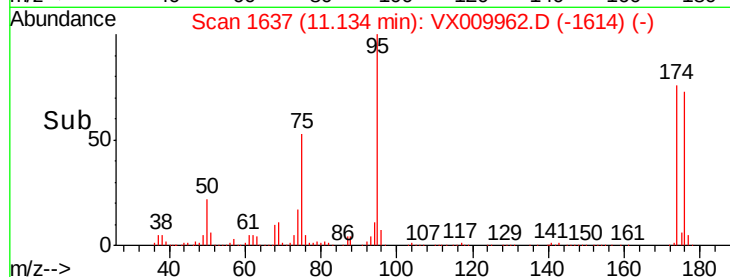
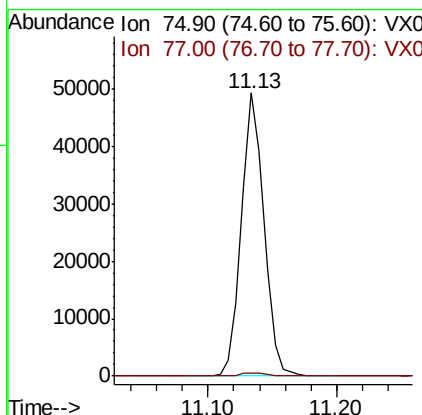
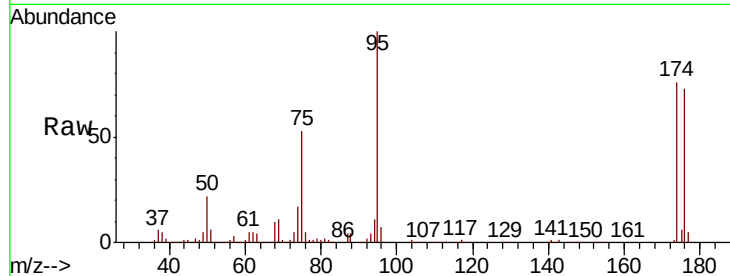




#76
 1,2,3-Trichloropropane
 Concen: 24.512 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009962.D
 Acq: 30 May 2019 15:51

Instrument :
 MSVOA_X
 ClientSampled :
 66-67-TRACK

Tot Ion: 75 Resp: 59885
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.647 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009962.D
 Acq: 30 May 2019 15:51

Tgt Ion: 75 Resp: 59885
 Ion Ratio Lower Upper
 75 100
 53 0.4 79.8 119.6#
 89 0.0 34.2 51.4#

