

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
 Data File : VX010782.D
 Acq On : 10 Jul 2019 17:09
 Operator : JC/SP
 Sample : K3732-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP001-SW-190709

Quant Time: Jul 11 01:16:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138767	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	108525	54.55	ug/l	0.00
Spiked Amount			Recovery	=	109.10%	
35) Dibromofluoromethane	5.50	113	103016	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	8.71	98	397001	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	132792	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	

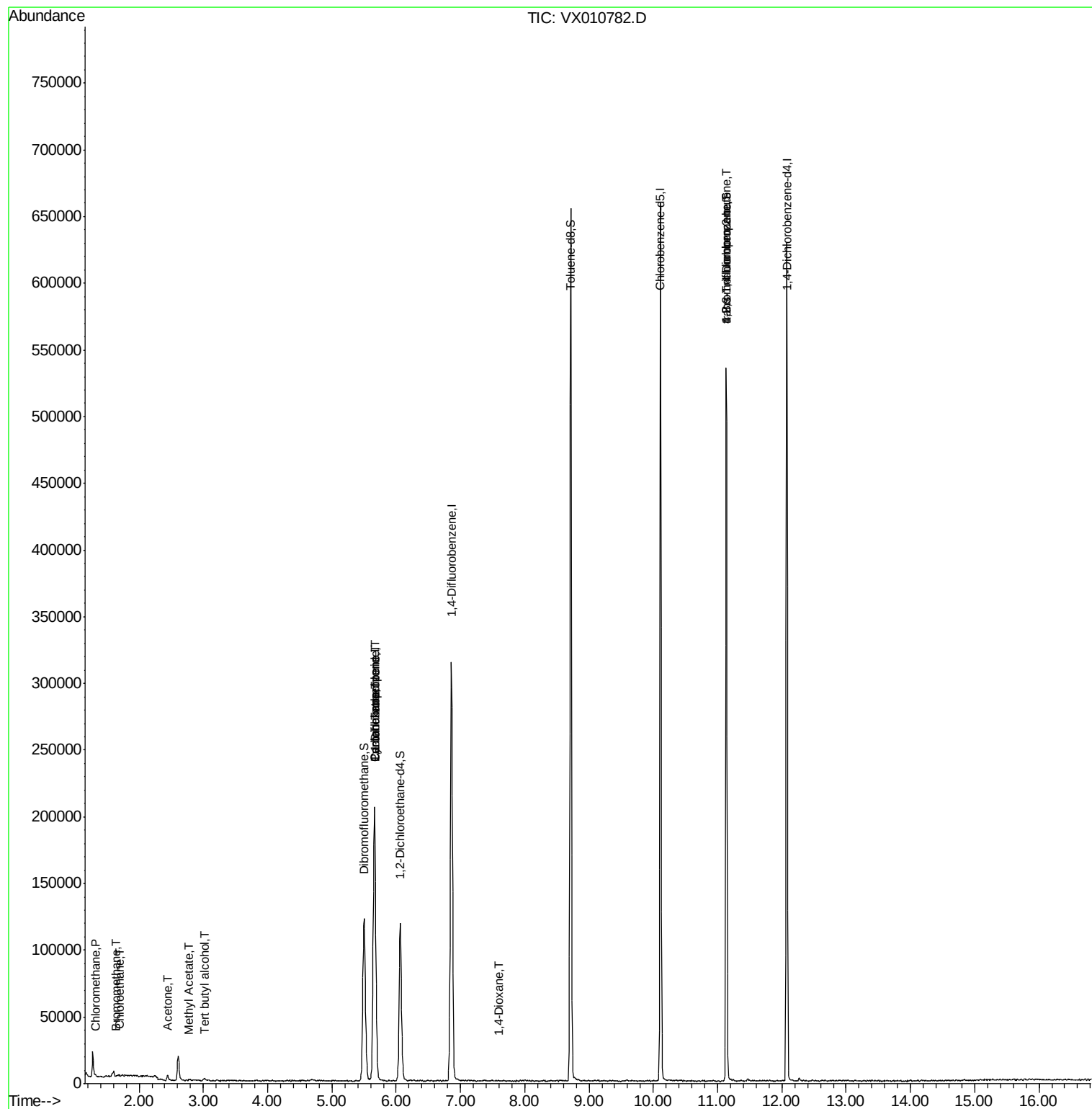
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	657	0.382	ug/l	90
5) Bromomethane	1.65	94	312	0.340	ug/l	88
6) Chloroethane	1.70	64	260	0.234	ug/l #	41
11) Tert butyl alcohol	3.02	59	1183	2.272	ug/l	98
16) Acetone	2.44	43	4397	4.410	ug/l	97
18) Methyl Acetate	2.77	43	528	0.266	ug/l #	66
31) Cyclohexane	5.66	56	3572	1.243	ug/l #	14
36) 1,1-Dichloropropene	5.66	75	13430	5.056	ug/l #	48
38) Carbon Tetrachloride	5.66	117	18987	6.601	ug/l #	17
49) 1,4-Dioxane	7.59	88	49	0.809	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	65217	25.791	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	65217	60.167	ug/l #	16

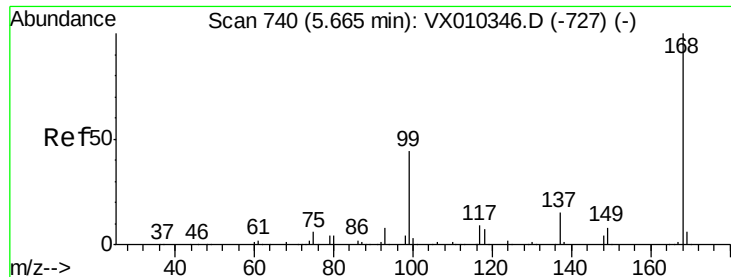
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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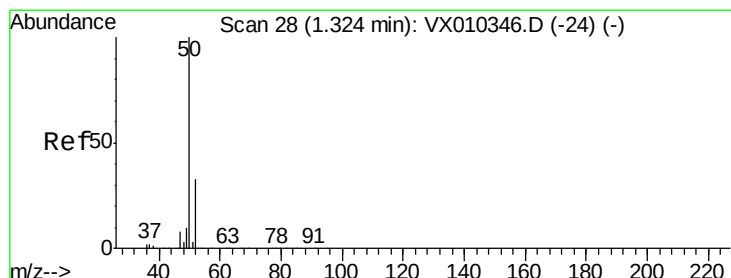
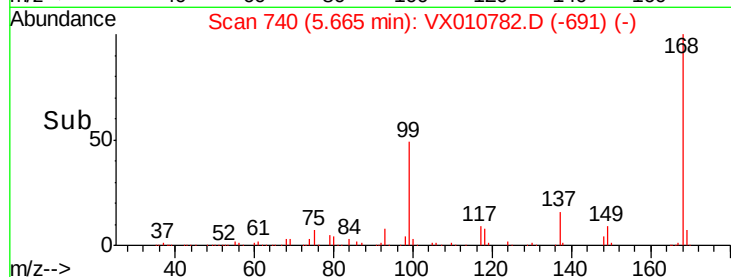
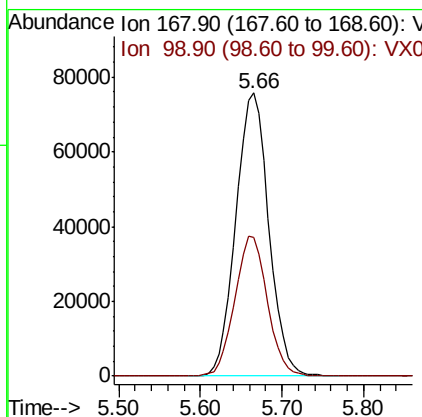
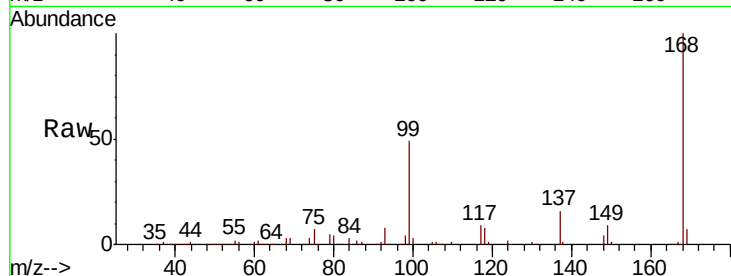




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

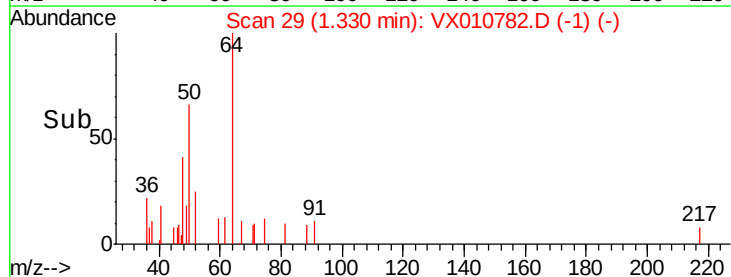
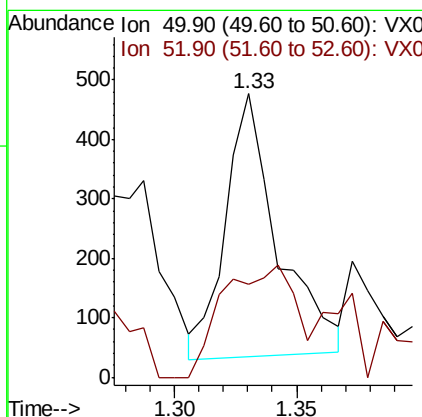
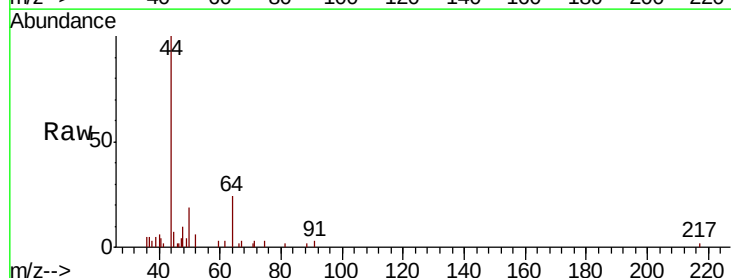
Instrument :
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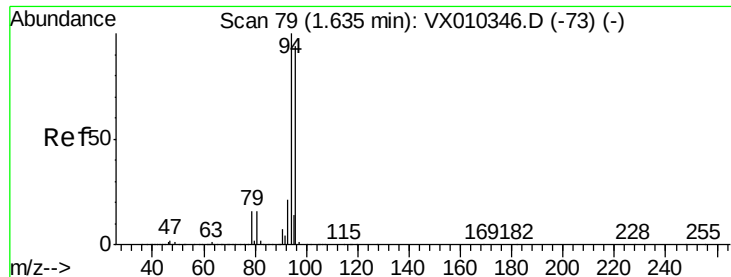
Tot Ion:168 Resp: 212199
Ion Ratio Lower Upper
168 100
99 49.1 35.5 53.3



#3
Chloromethane
Concen: 0.382 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

Tgt Ion: 50 Resp: 657
Ion Ratio Lower Upper
50 100
52 38.9 26.5 39.7





#5

Bromomethane

Concen: 0.340 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010782.D

Acq: 10 Jul 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

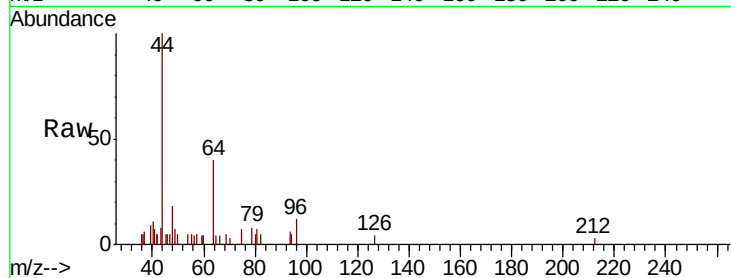
KY030SP001-SW-190709

Tot Ion: 94 Resp: 312

Ion Ratio Lower Upper

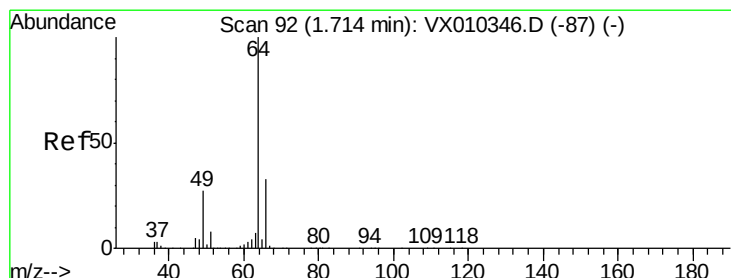
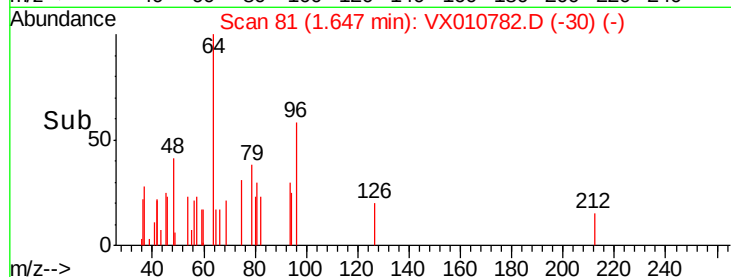
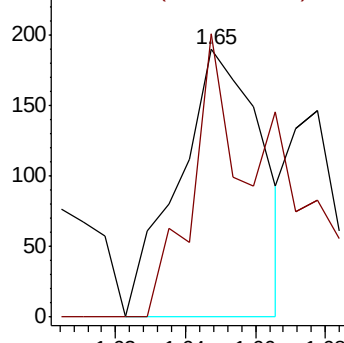
94 100

96 105.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.234 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX010782.D

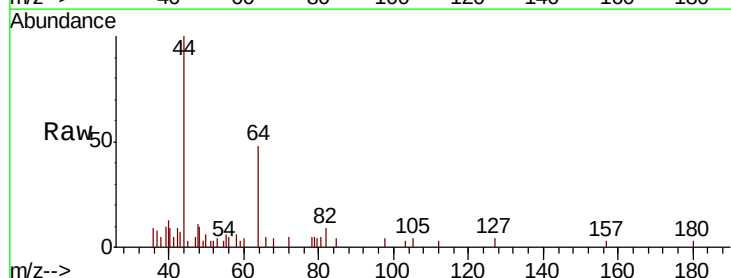
Acq: 10 Jul 2019 17:09

Tgt Ion: 64 Resp: 260

Ion Ratio Lower Upper

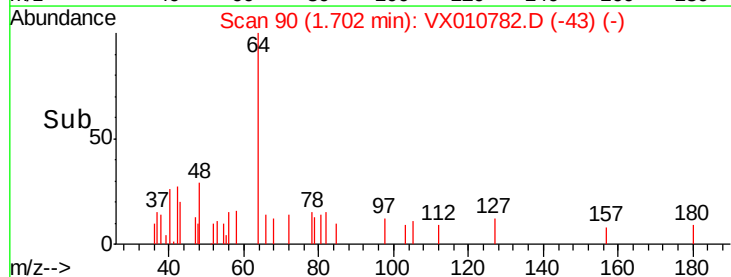
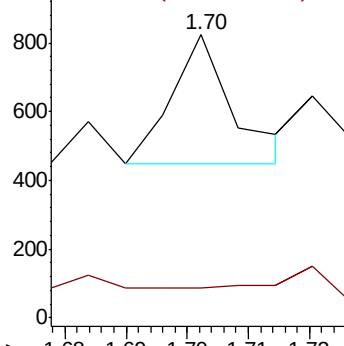
64 100

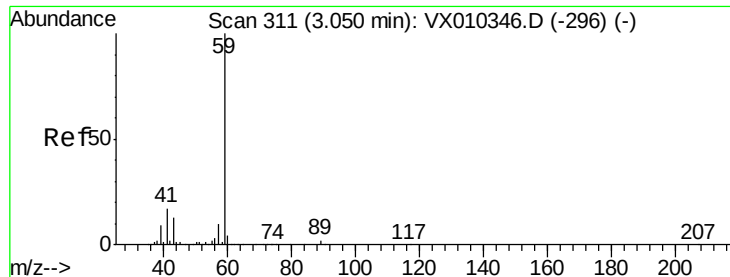
66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

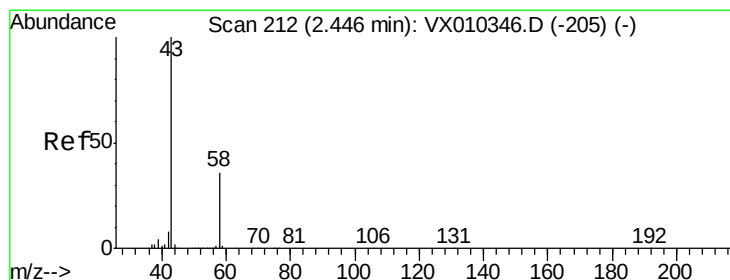
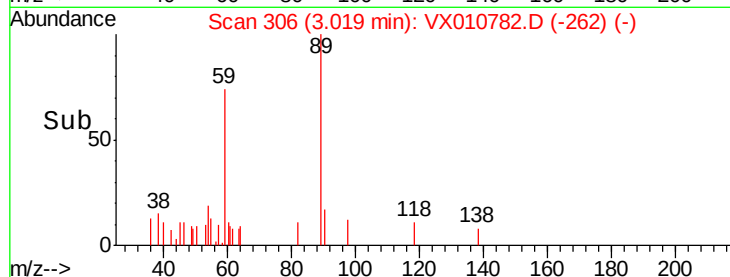
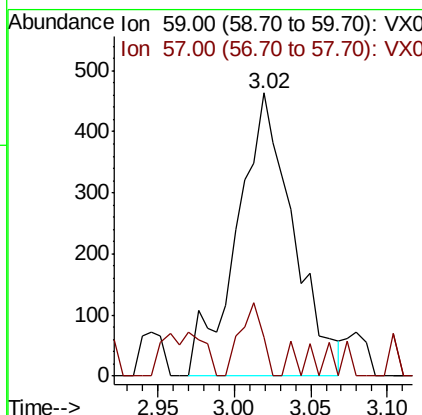
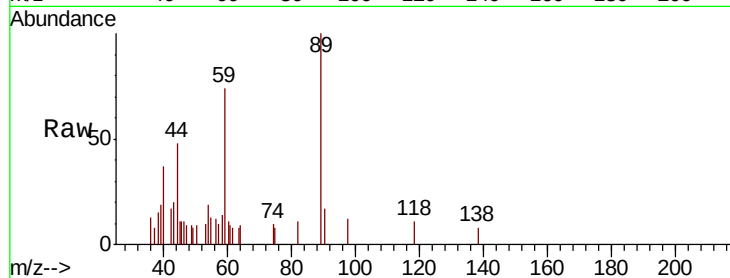




#11
Tert butyl alcohol
Concen: 2.272 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

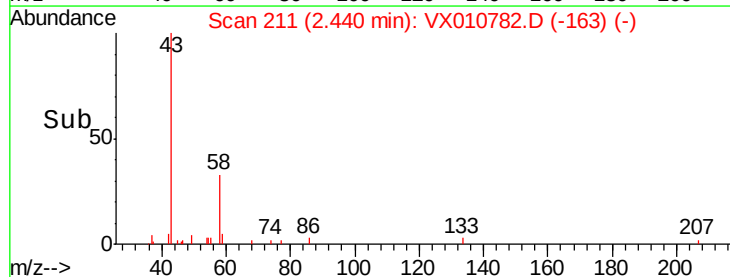
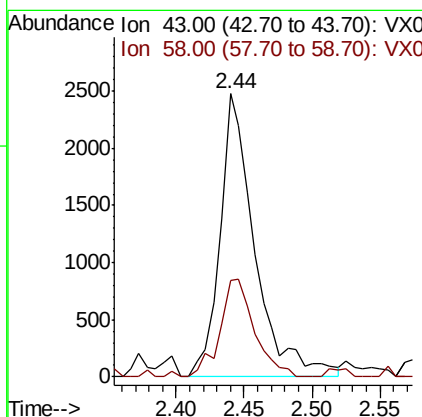
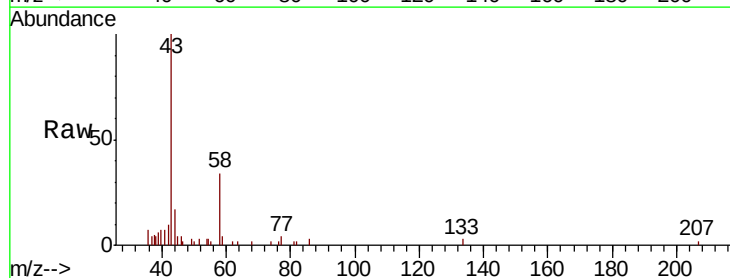
Instrument :
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ClientSampleId :
KY030SP001-SW-190709

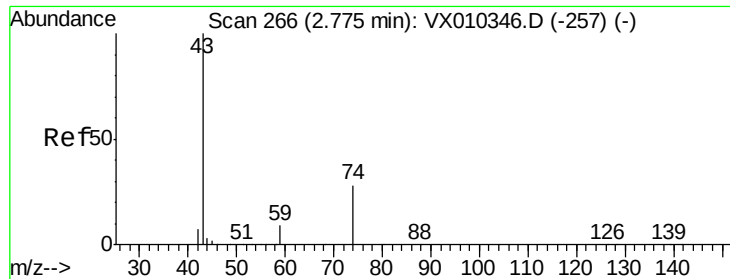
Tot Ion: 59 Resp: 1183
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5



#16
Acetone
Concen: 4.410 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

Tgt Ion: 43 Resp: 4397
Ion Ratio Lower Upper
43 100
58 34.2 28.9 43.3

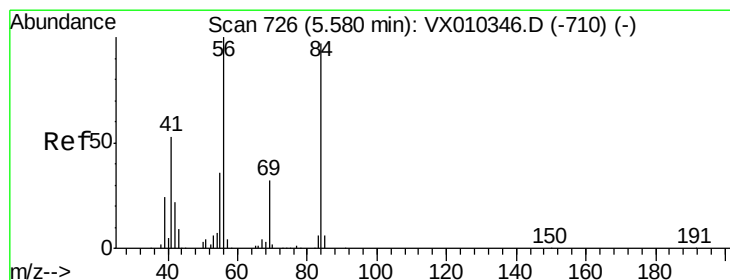
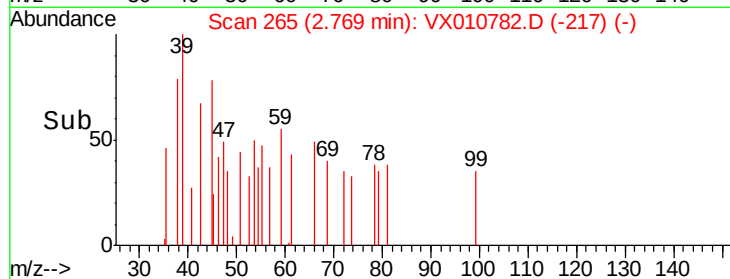
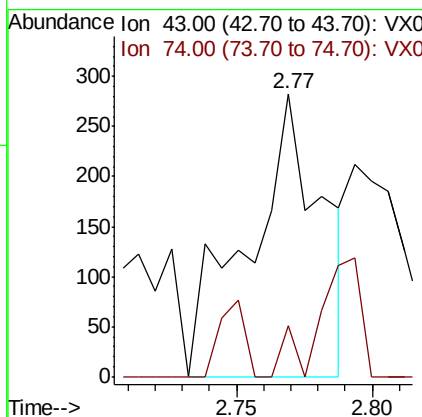
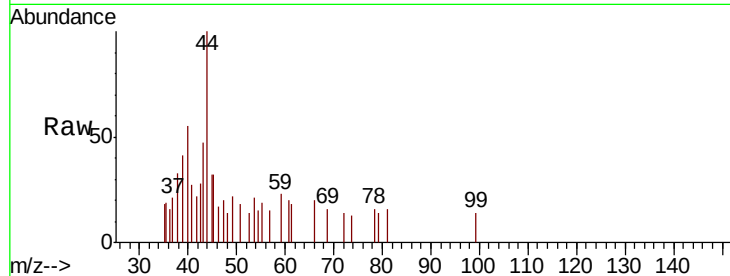




#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

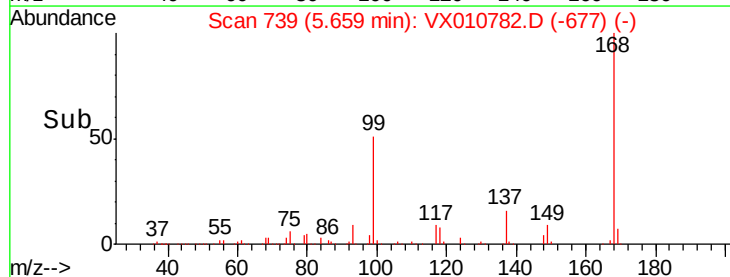
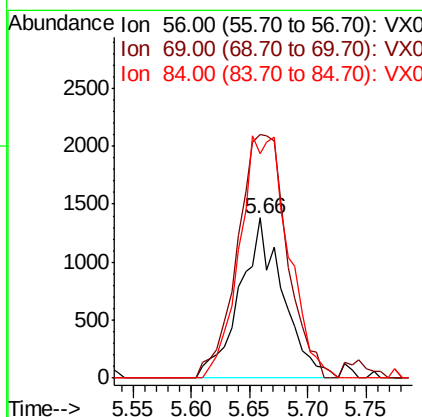
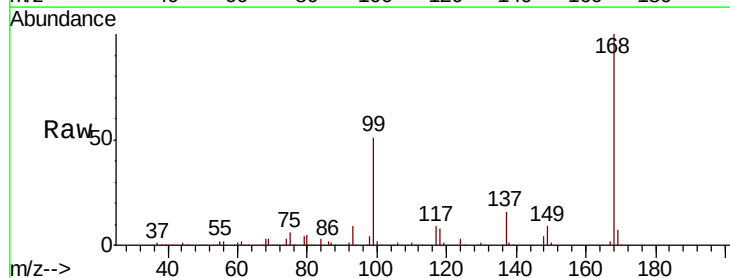
Instrument :
MSVOA_X
ClientSampleId :
KY030SP001-SW-190709

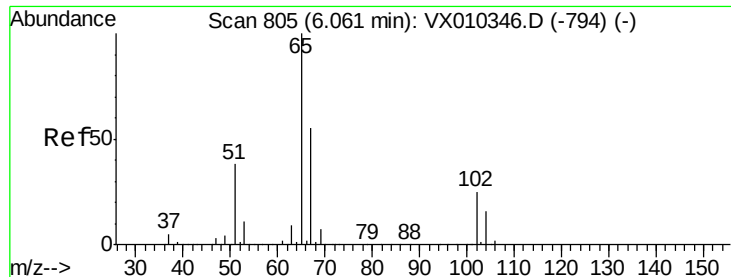
Tot Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
74 9.3 21.3 31.9#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

Tgt Ion: 56 Resp: 3572
Ion Ratio Lower Upper
56 100
69 152.2 25.9 38.9#
84 140.3 78.0 117.0#

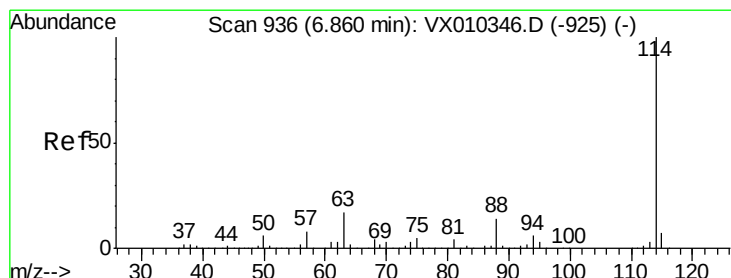
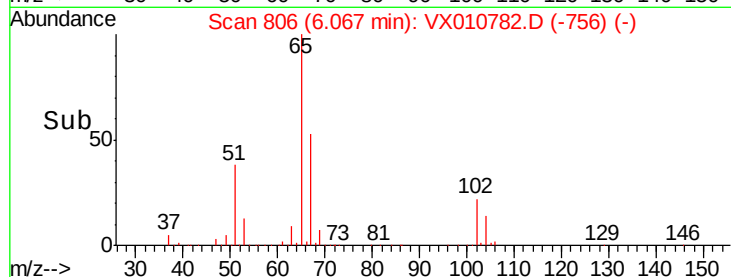
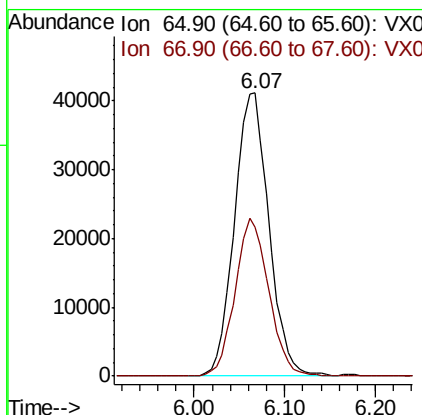
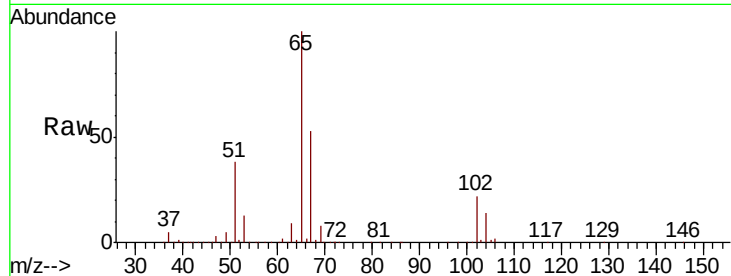




#33
 1,2-Dichloroethane-d4
 Concen: 54.547 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010782.D
 Acq: 10 Jul 2019 17:09

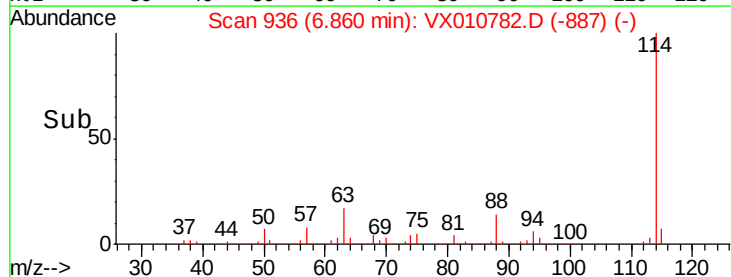
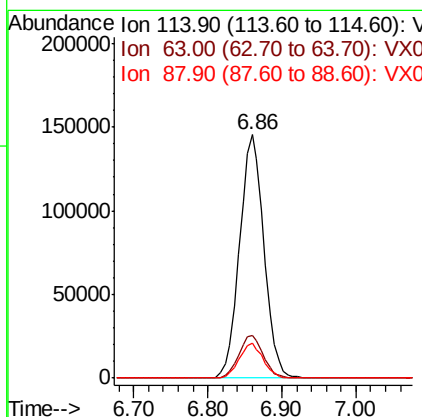
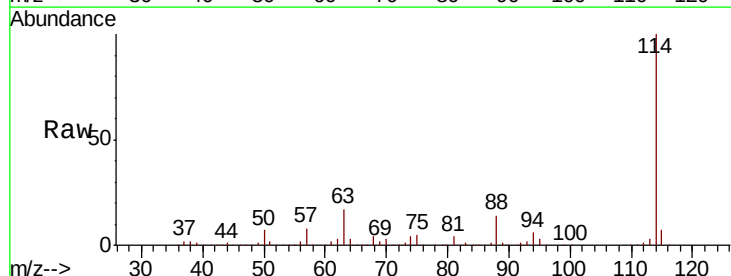
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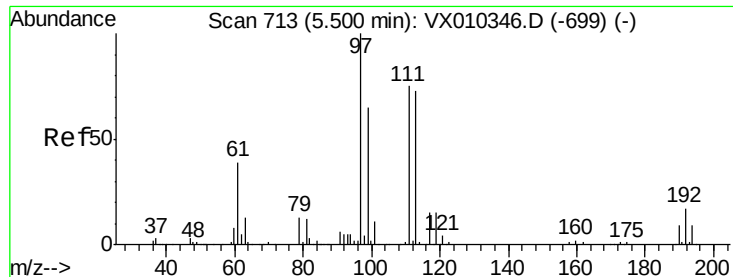
Tot Ion: 65 Resp: 108525
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010782.D
 Acq: 10 Jul 2019 17:09

Tgt Ion: 114 Resp: 334260
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 33.8
 88 14.2 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.372 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010782.D

Acq: 10 Jul 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

KY030SP001-SW-190709

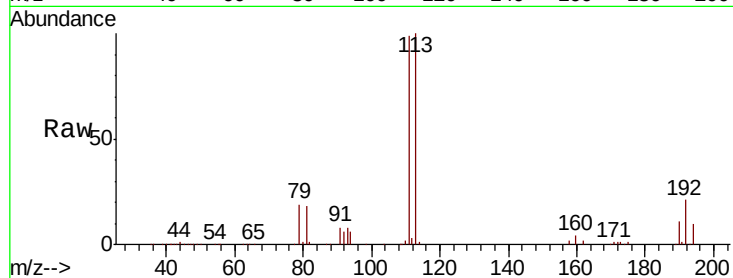
Tot Ion:113 Resp: 103016

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

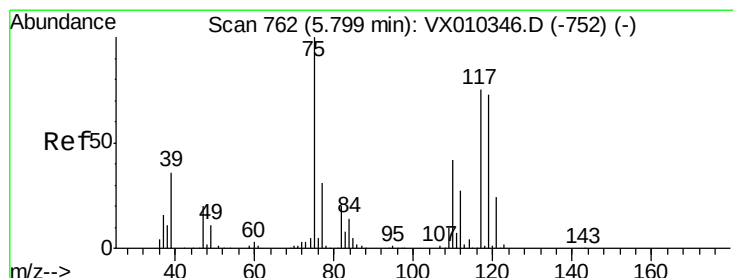
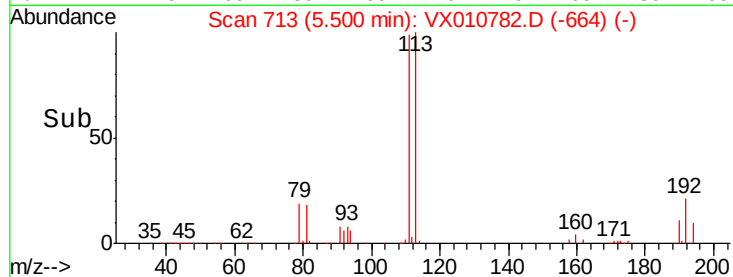
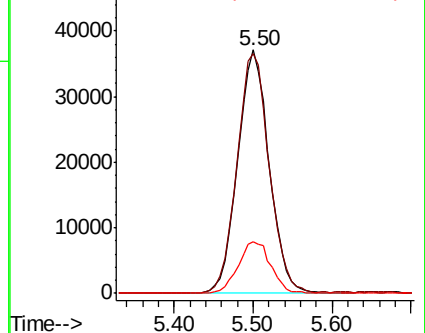
192 21.9 18.6 27.8



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: 5.056 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010782.D

Acq: 10 Jul 2019 17:09

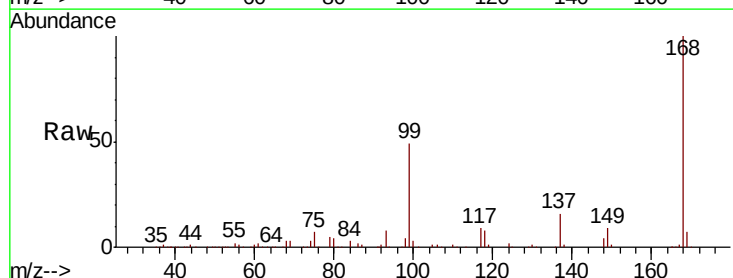
Tgt Ion: 75 Resp: 13430

Ion Ratio Lower Upper

75 100

110 11.2 20.8 62.2#

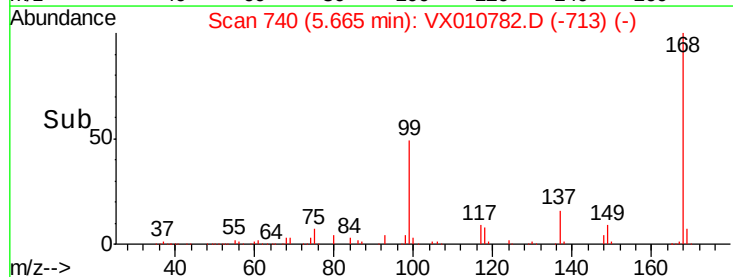
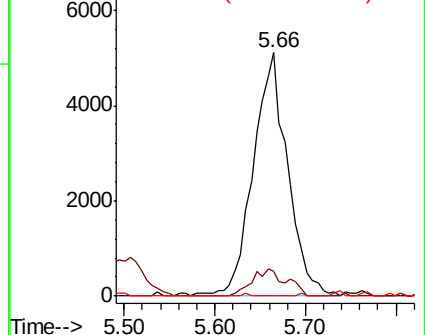
77 0.0 25.4 38.0#

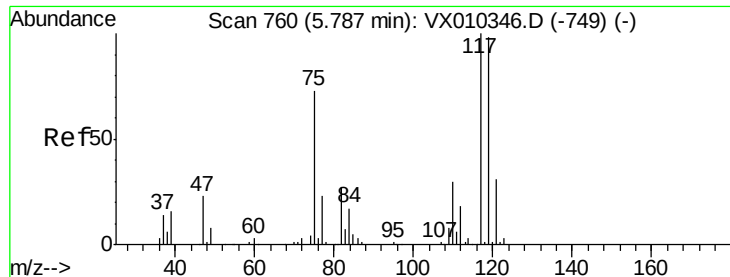


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.601 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010782.D

Acq: 10 Jul 2019 17:09

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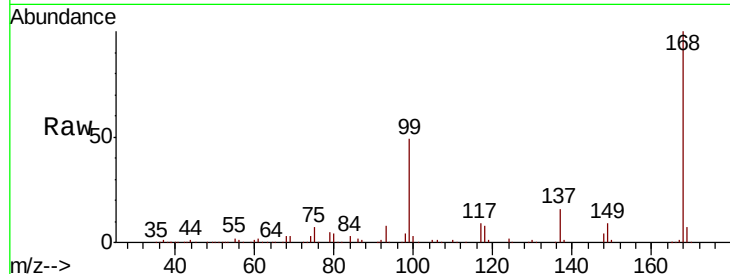
Tot Ion:117 Resp: 18987

Ion Ratio Lower Upper

117 100

119 7.0 78.2 117.4#

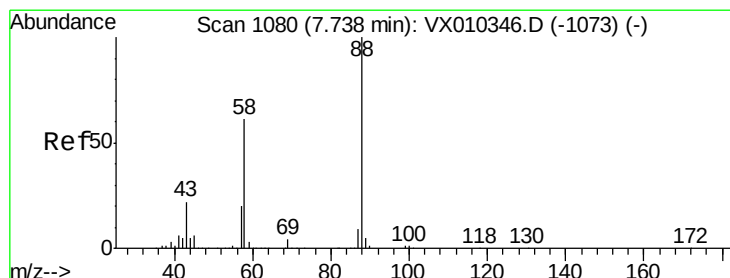
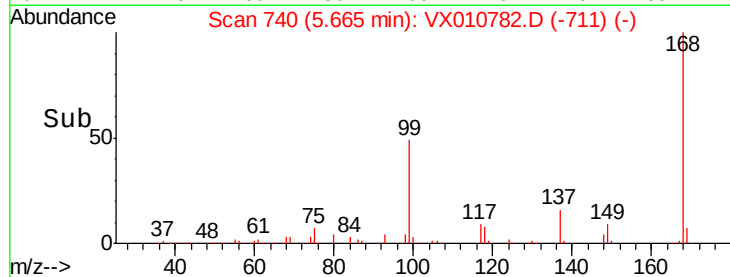
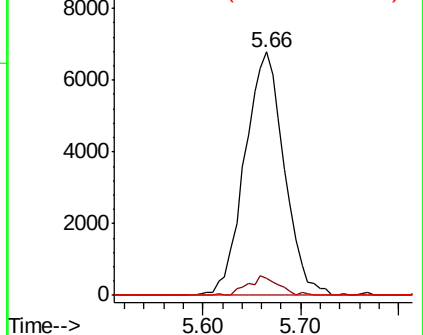
121 0.0 24.7 37.1#



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: 0.809 ug/l

RT: 7.59 min Scan# 1056

Delta R.T. -0.15 min

Lab File: VX010782.D

Acq: 10 Jul 2019 17:09

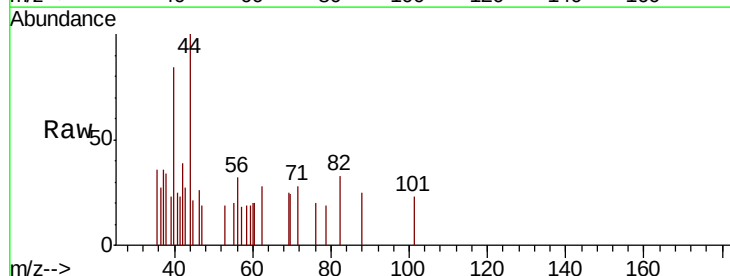
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 134.7 20.2 30.2#

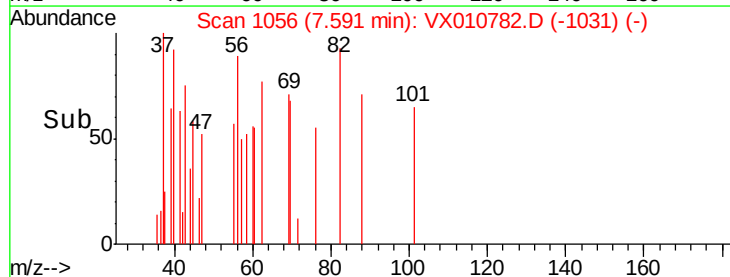
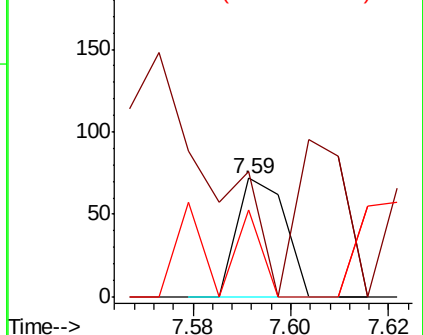
58 0.0 49.5 74.3#

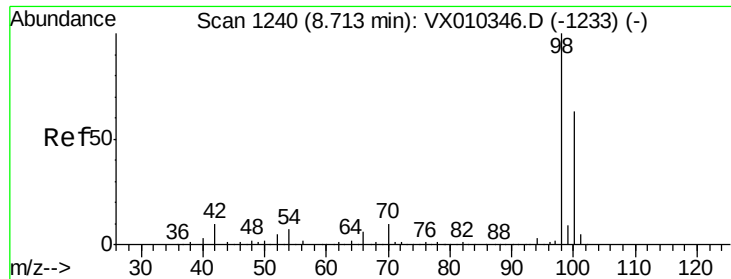


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

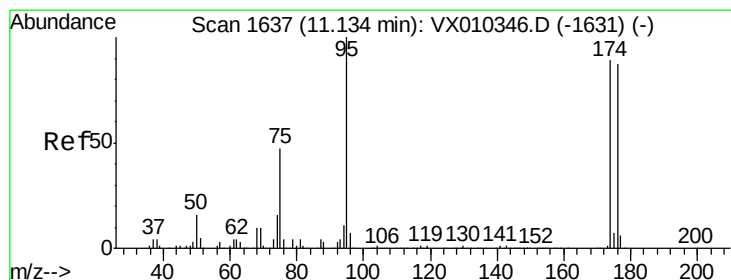
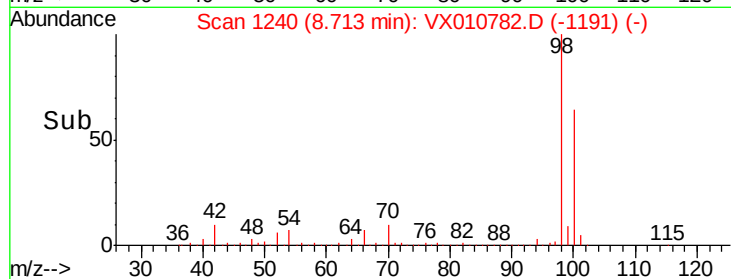
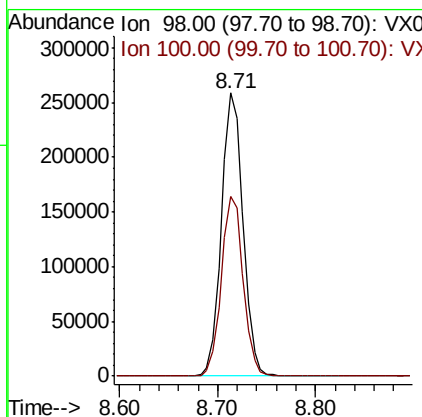
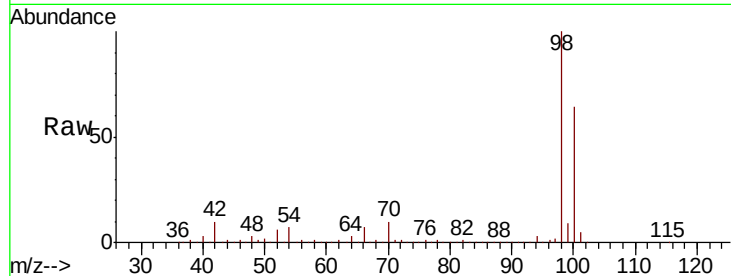




#50
Toluene-d8
Concen: 50.740 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

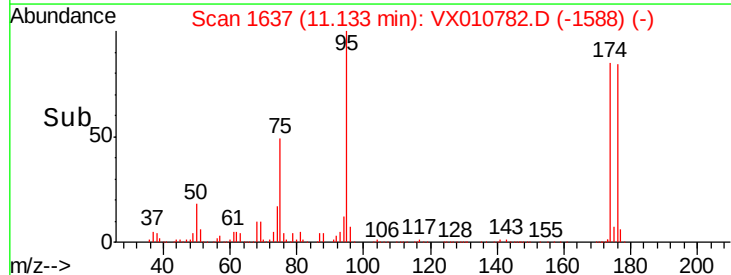
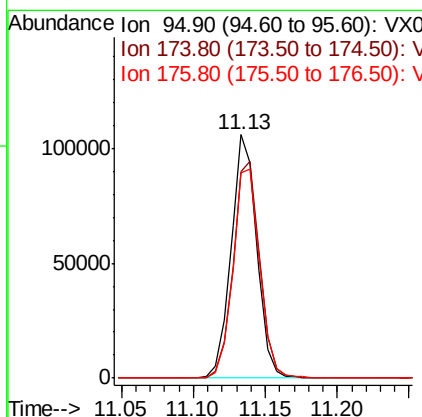
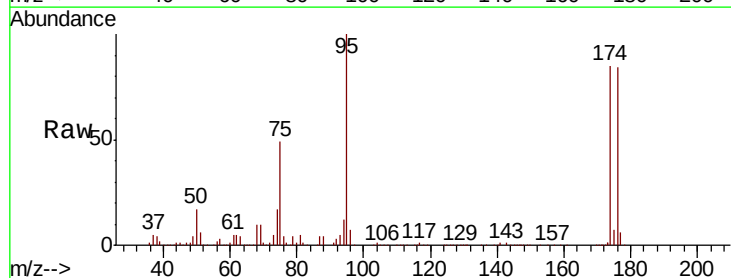
Instrument :
MSVOA_X
ClientSampleId :
KY030SP001-SW-190709

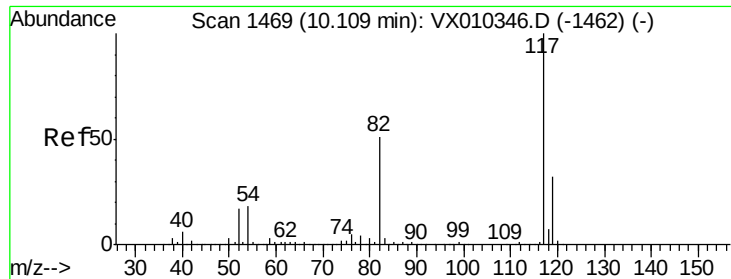
Tot Ion: 98 Resp: 397001
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.010 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

Tgt Ion: 95 Resp: 132792
Ion Ratio Lower Upper
95 100
174 91.9 0.0 187.6
176 89.8 0.0 184.0

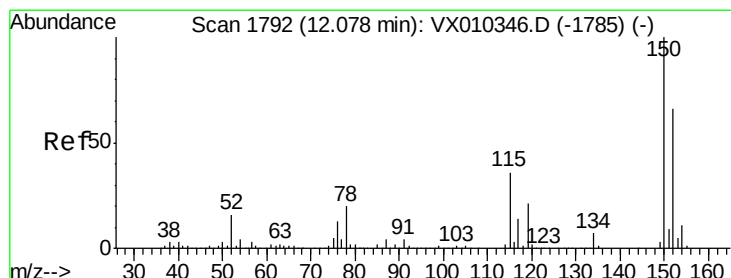
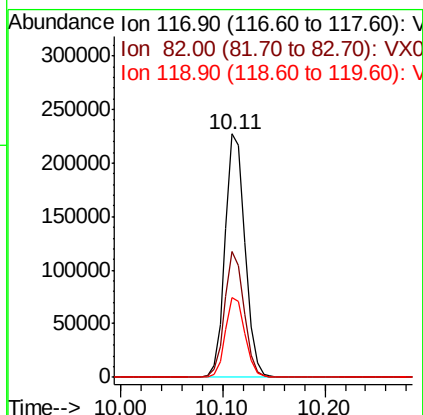
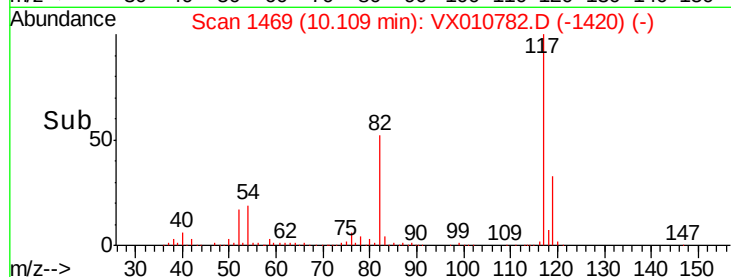
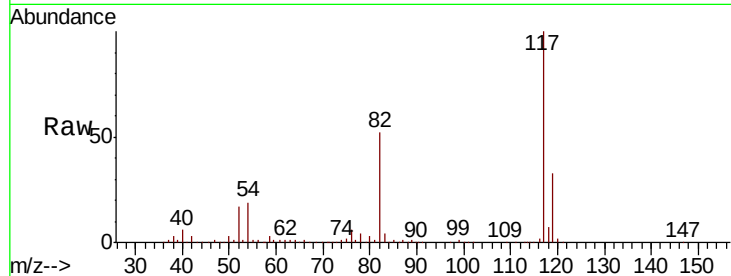




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

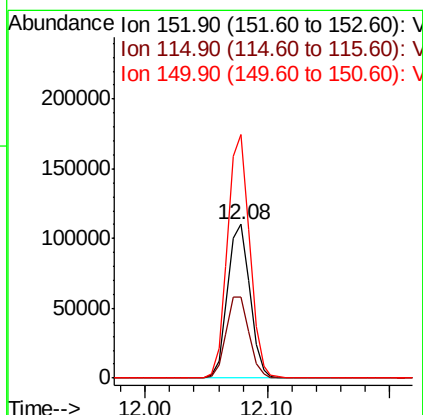
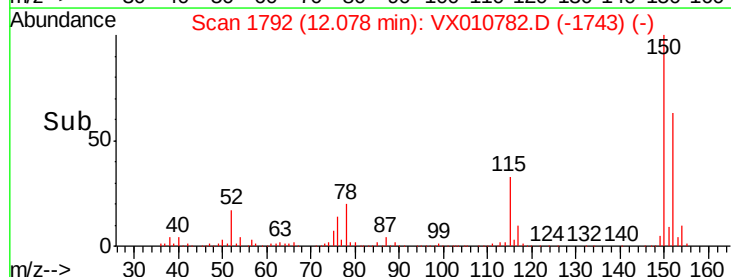
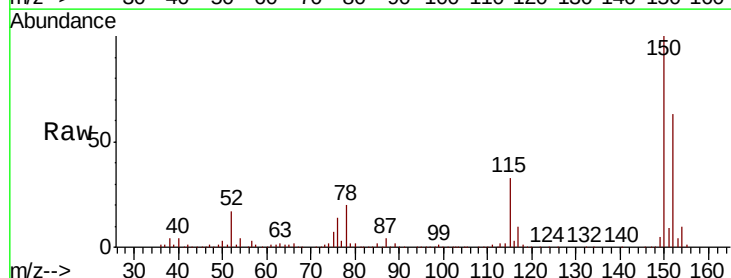
Instrument :
MSVOA_X
ClientSampleId :
KY030SP001-SW-190709

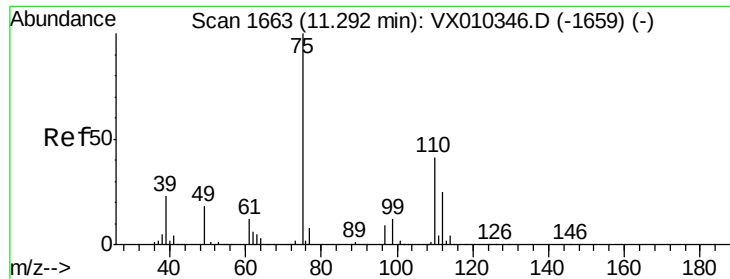
Tot Ion:117 Resp: 307255
Ion Ratio Lower Upper
117 100
82 51.7 41.2 61.8
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010782.D
Acq: 10 Jul 2019 17:09

Tgt Ion:152 Resp: 138767
Ion Ratio Lower Upper
152 100
115 54.7 38.6 115.7
150 157.1 0.0 347.4

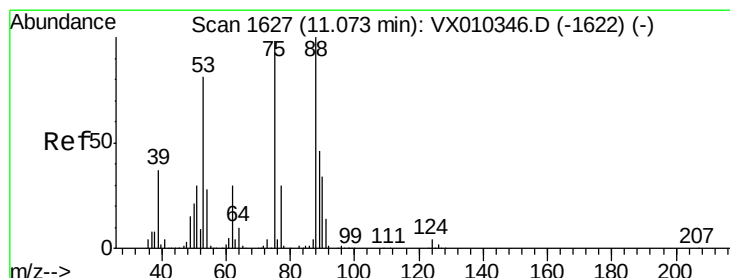
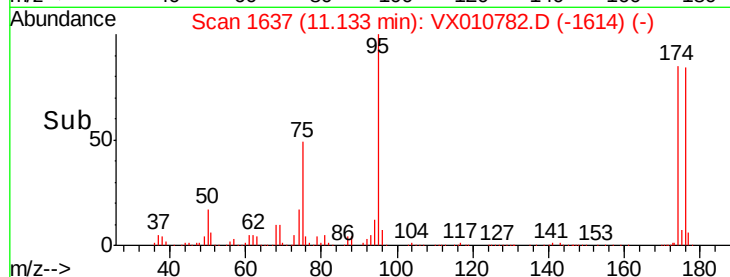
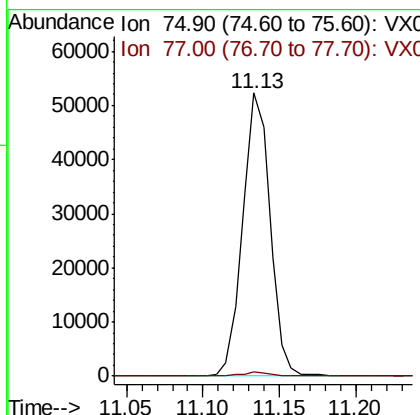
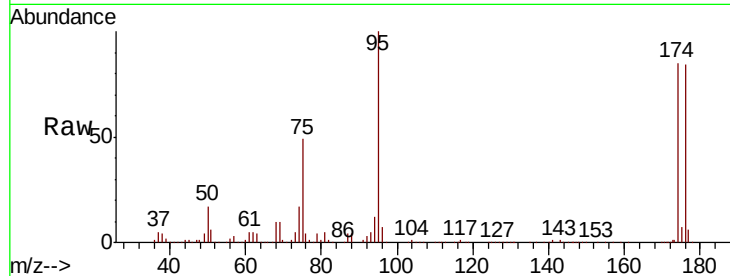




#76
 1,2,3-Trichloropropane
 Concen: 25.791 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010782.D
 Acq: 10 Jul 2019 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP001-SW-190709

Tot Ion: 75 Resp: 65217
 Ion Ratio Lower Upper
 75 100
 77 1.5 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.167 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010782.D
 Acq: 10 Jul 2019 17:09

Tgt Ion: 75 Resp: 65217
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.1 99.1#
 89 0.1 37.8 56.6#

