

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010616.D
 Acq On : 02 Jul 2019 14:50
 Operator : JC/SP
 Sample : K3638-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP

Quant Time: Jul 03 01:55:58 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	5.67	168	238926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153446	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	118062	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
35) Dibromofluoromethane	5.50	113	112738	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	435858	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	144100	46.19	ug/l	0.00
Spiked Amount			Recovery	=	92.38%	

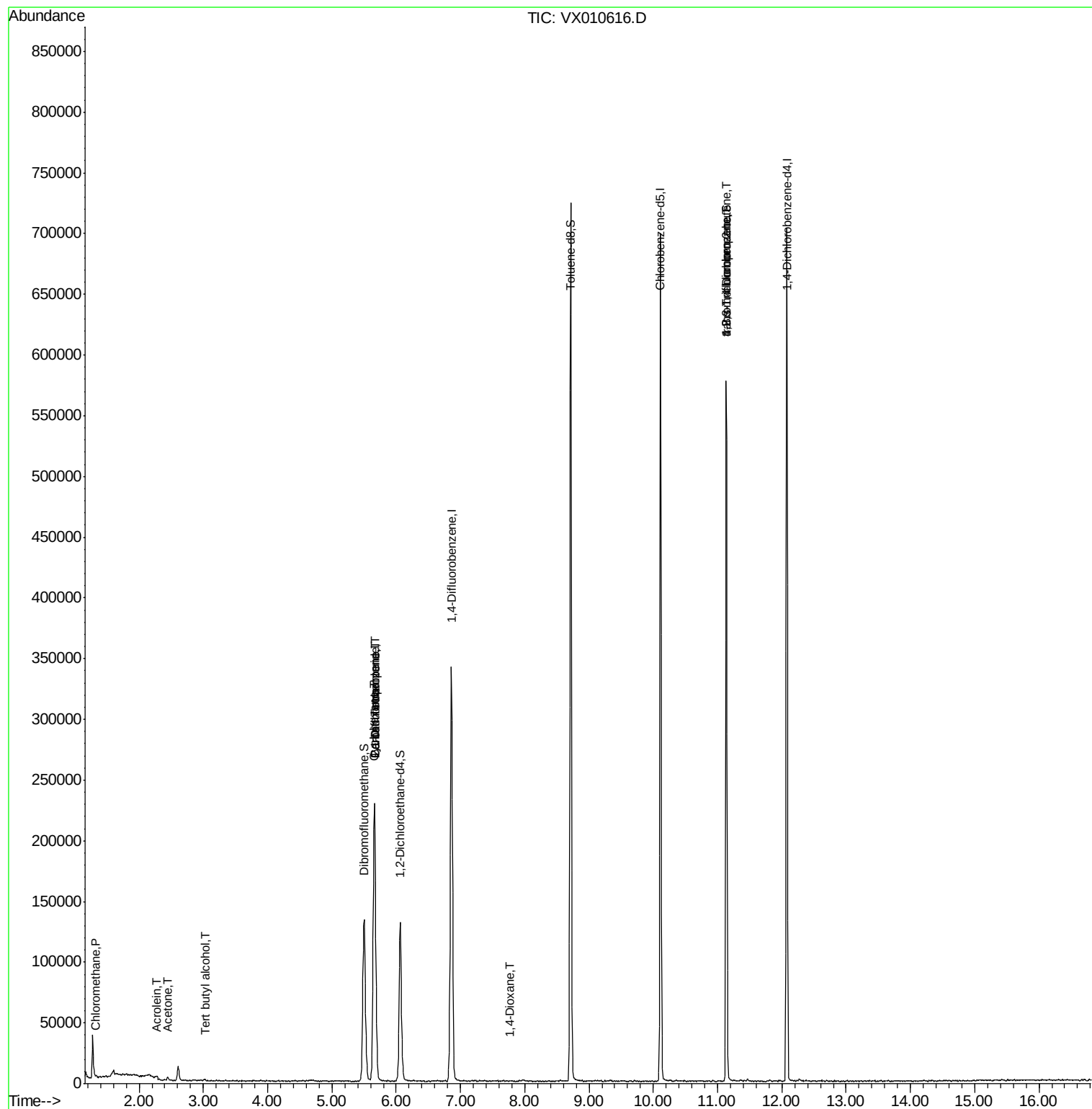
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1028	0.531	ug/l #	76
11) Tert butyl alcohol	3.02	59	801	1.366	ug/l #	80
13) Acrolein	2.28	56	147	0.378	ug/l #	74
16) Acetone	2.44	43	3444	3.068	ug/l	90
31) Cyclohexane	5.65	56	4541	1.403	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15503	5.285	ug/l #	48
38) Carbon Tetrachloride	5.67	117	21369	6.727	ug/l #	15
49) 1,4-Dioxane	7.77	88	20	0.299	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	70394	25.175	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	70394	58.731	ug/l #	16

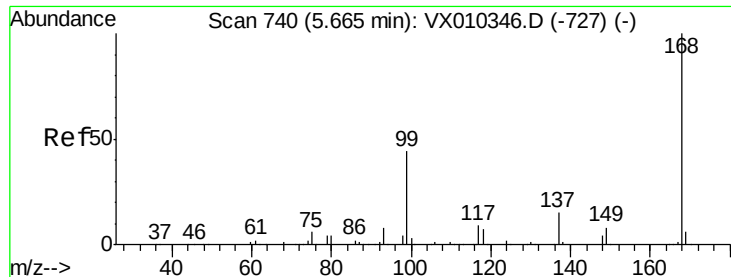
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 03 01:55:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010616.D

Acq: 02 Jul 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

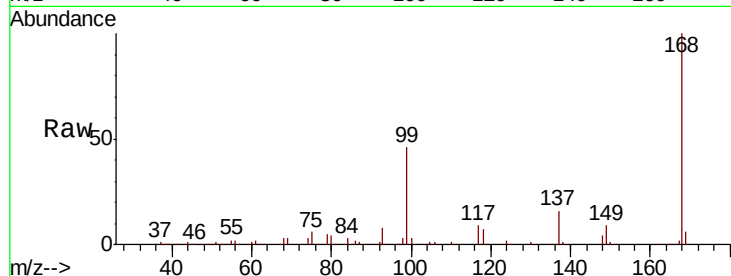
DUP

Tot Ion:168 Resp: 238926

Ion Ratio Lower Upper

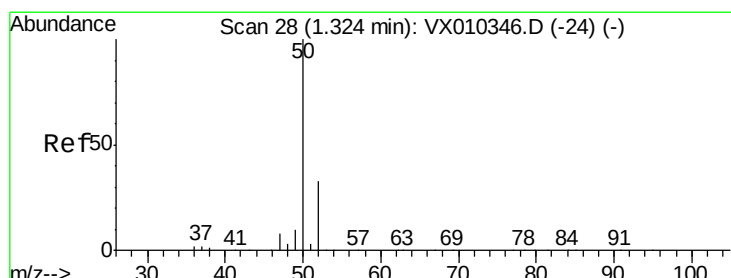
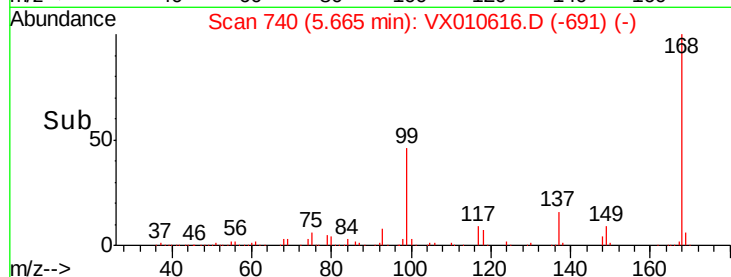
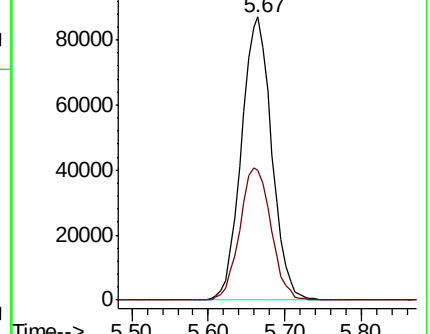
168 100

99 45.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.531 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010616.D

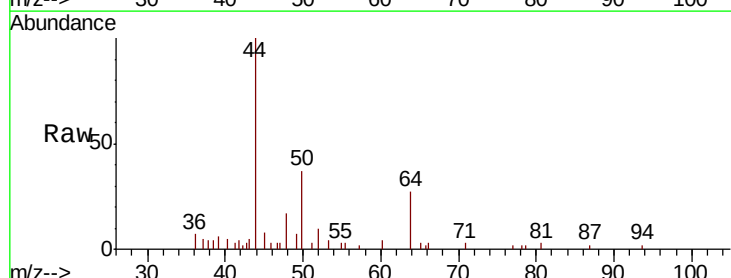
Acq: 02 Jul 2019 14:50

Tgt Ion: 50 Resp: 1028

Ion Ratio Lower Upper

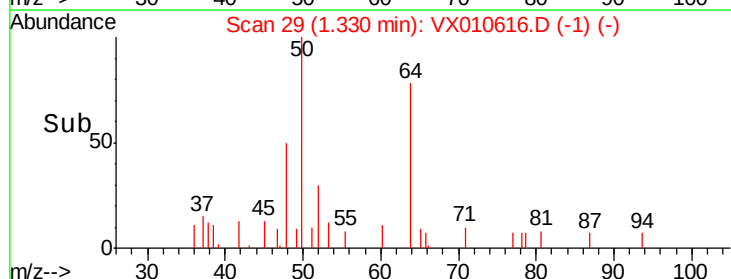
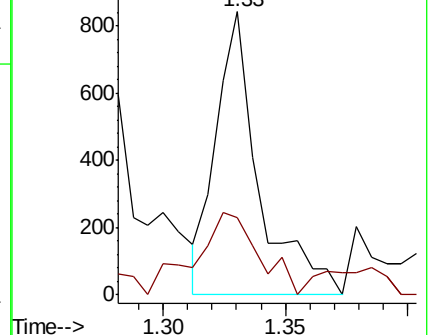
50 100

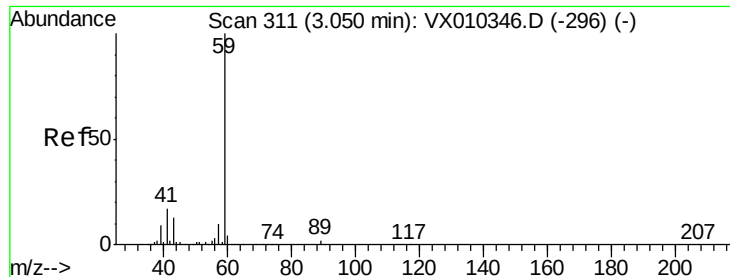
52 19.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



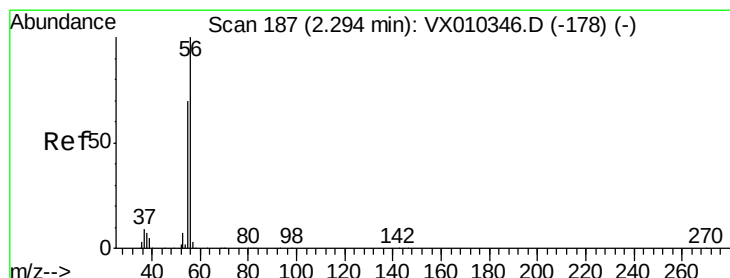
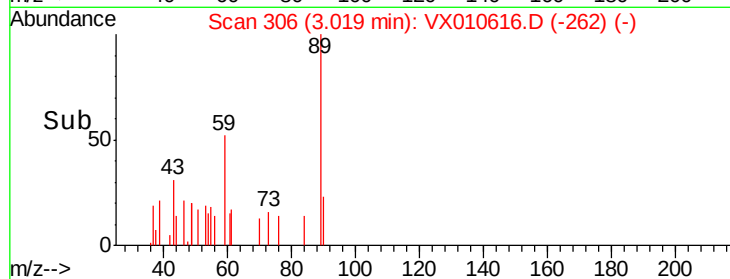
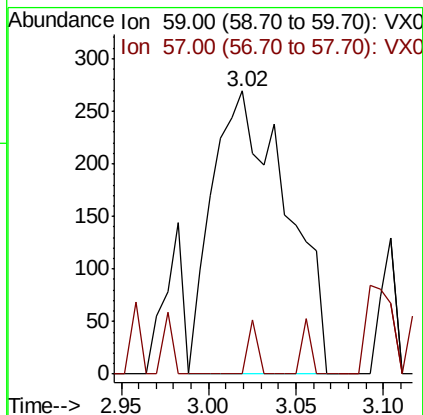
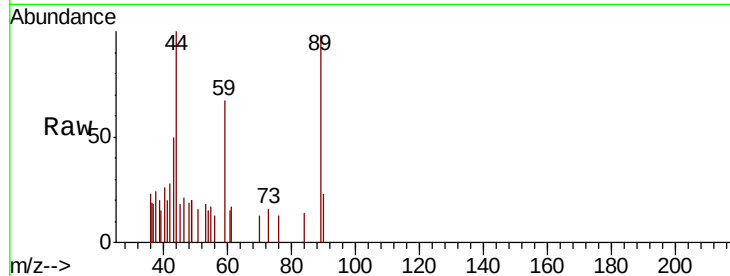


#11

Tert butyl alcohol
 Concen: 1.366 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010616.D
 Acq: 02 Jul 2019 14:50

Instrument :
 MSVOA_X
 ClientSampled :
 DUP

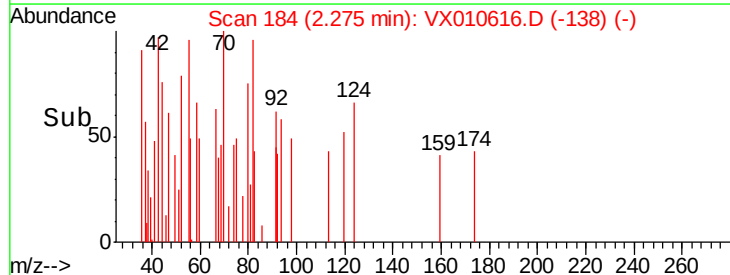
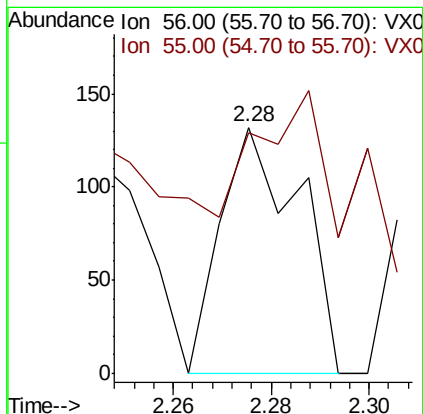
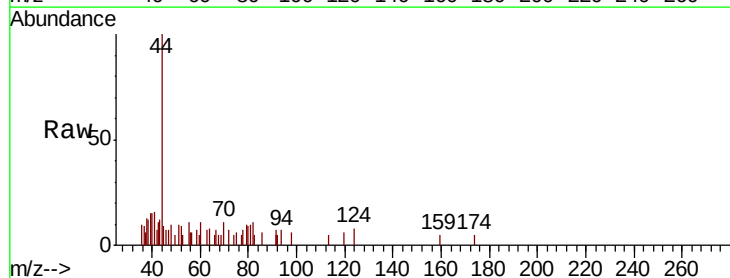
Tot Ion: 59 Resp: 801
 Ion Ratio Lower Upper
 59 100
 57 2.4 7.7 11.5#

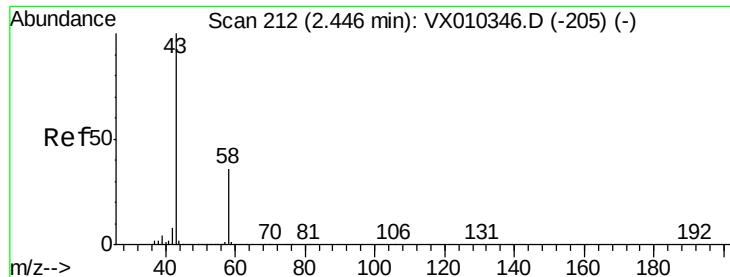


#13

Acrolein
 Concen: 0.378 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX010616.D
 Acq: 02 Jul 2019 14:50

Tgt Ion: 56 Resp: 147
 Ion Ratio Lower Upper
 56 100
 55 92.5 56.9 85.3#





#16

Acetone

Concen: 3.068 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010616.D

Acq: 02 Jul 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

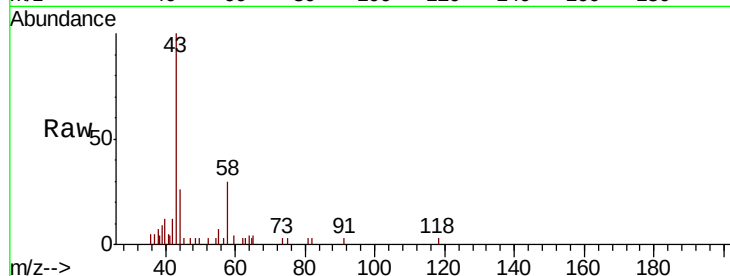
DUP

Tot Ion: 43 Resp: 3444

Ion Ratio Lower Upper

43 100

58 30.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

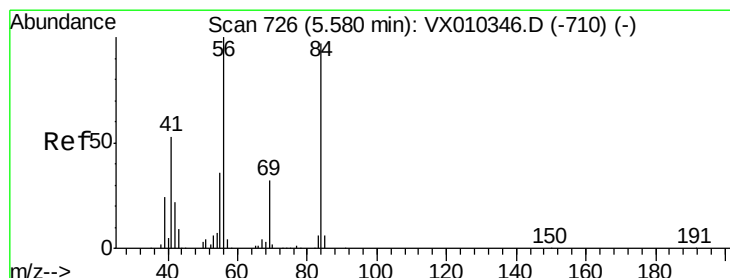
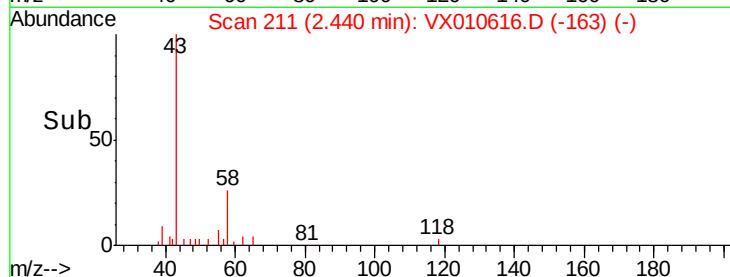
1000

500

0

2.35 2.40 2.45 2.50 2.55

Time-->



#31

Cyclohexane

Concen: 1.403 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX010616.D

Acq: 02 Jul 2019 14:50

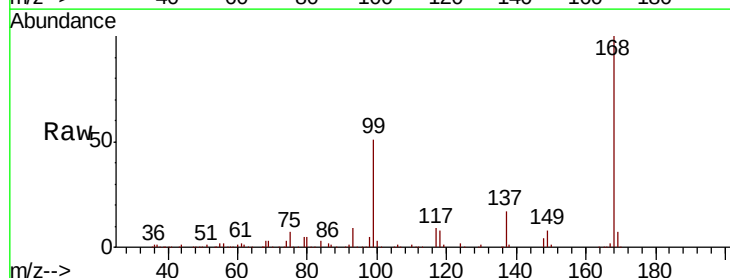
Tgt Ion: 56 Resp: 4541

Ion Ratio Lower Upper

56 100

69 155.5 25.9 38.9#

84 165.6 78.0 117.0#



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

3000

2500

2000

1500

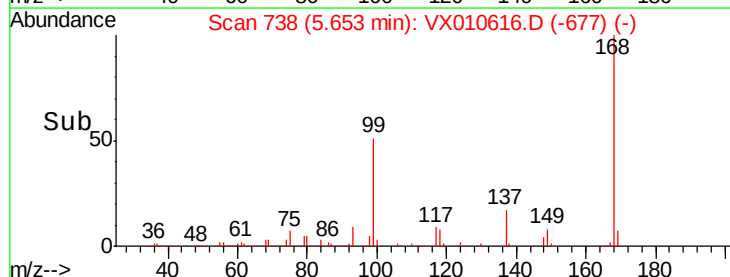
1000

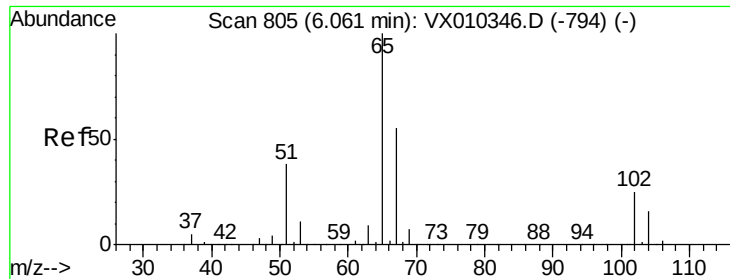
500

0

5.50 5.60 5.70 5.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.702 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010616.D

Acq: 02 Jul 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

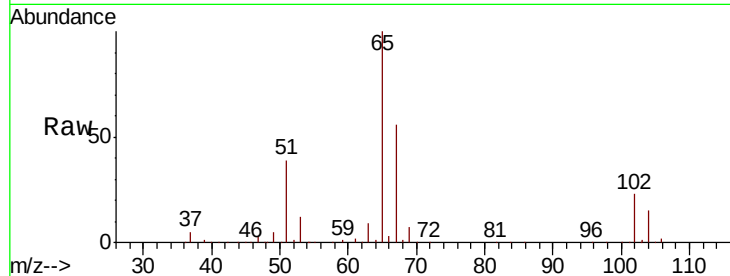
DUP

Tot Ion: 65 Resp: 118062

Ion Ratio Lower Upper

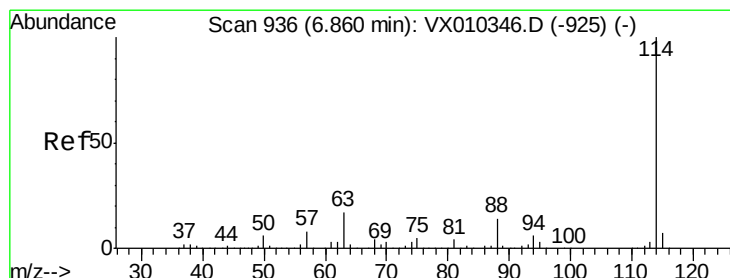
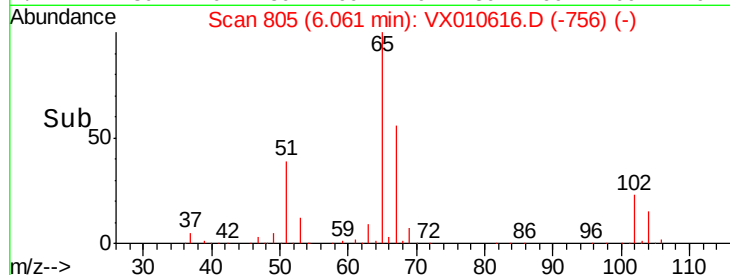
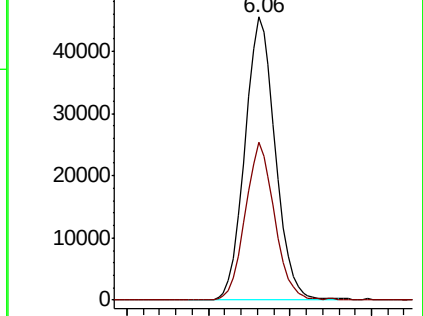
65 100

67 53.6 0.0 110.2



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: VX010616.D

Acq: 02 Jul 2019 14:50

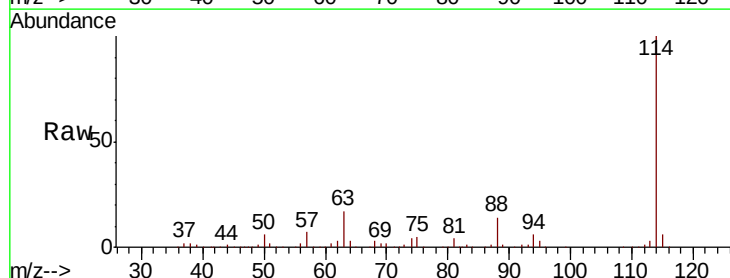
Tgt Ion: 114 Resp: 369147

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

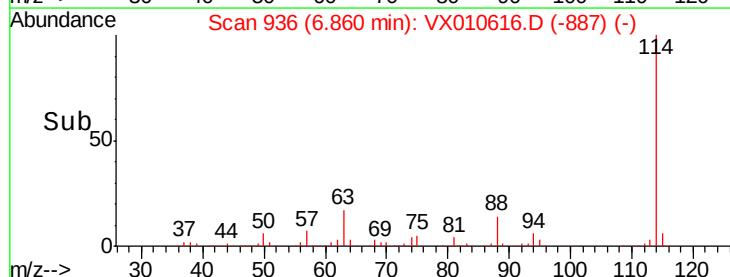
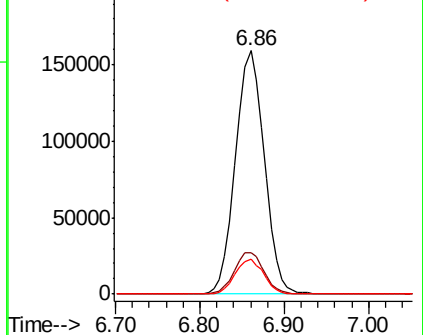
88 14.2 0.0 27.6

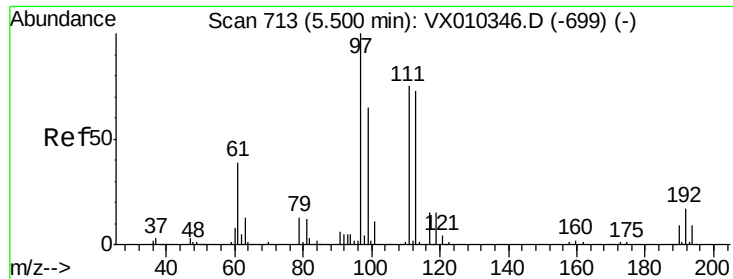


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

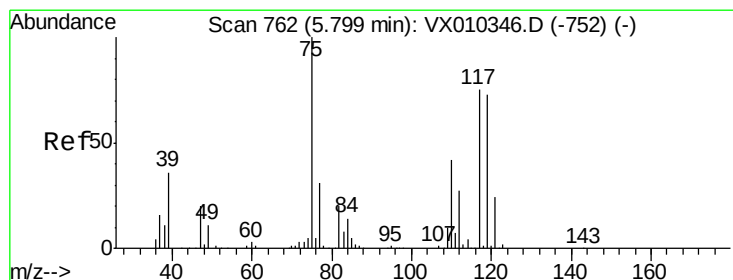
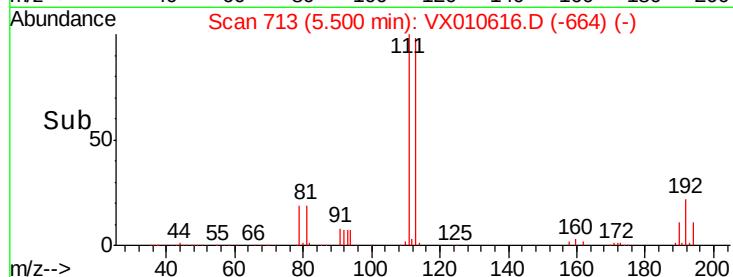
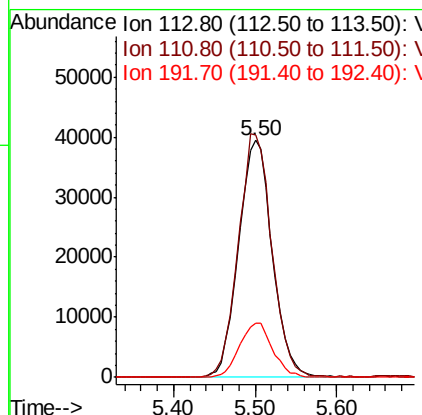
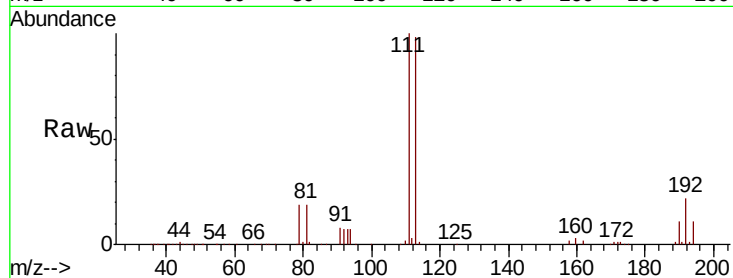




#35
 Dibromofluoromethane
 Concen: 49.916 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010616.D
 Acq: 02 Jul 2019 14:50

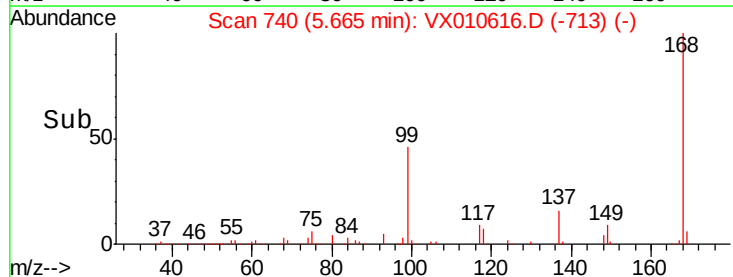
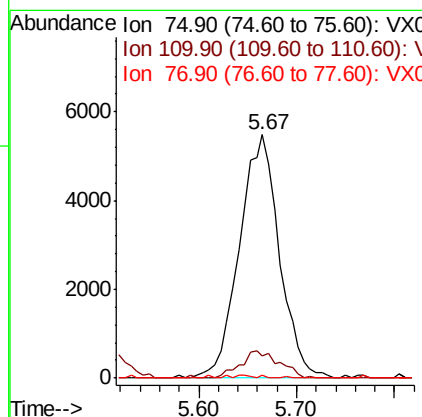
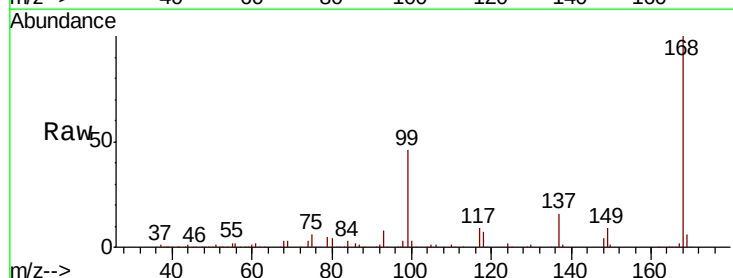
Instrument :
 MSVOA_X
 ClientSampled :
 DUP

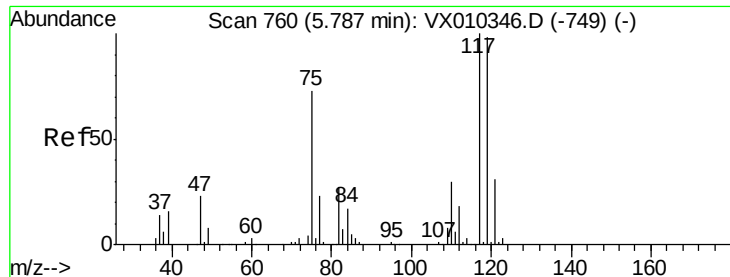
Tot Ion:113 Resp: 112738
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.2 121.8
 192 22.6 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.285 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010616.D
 Acq: 02 Jul 2019 14:50

Tgt Ion: 75 Resp: 15503
 Ion Ratio Lower Upper
 75 100
 110 10.9 20.8 62.2#
 77 0.5 25.4 38.0#

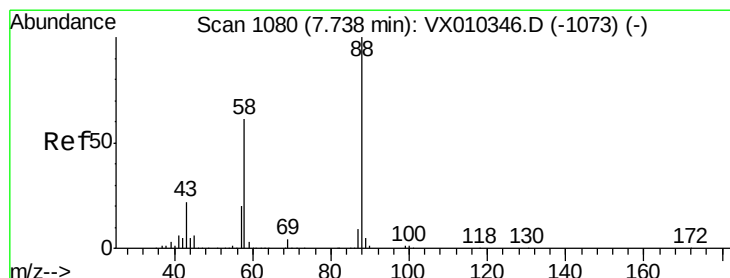
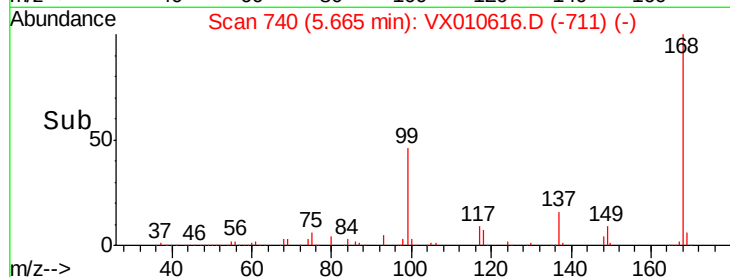
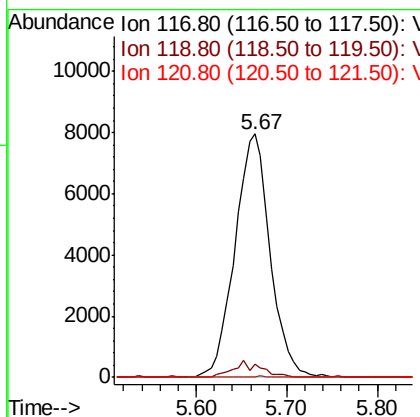
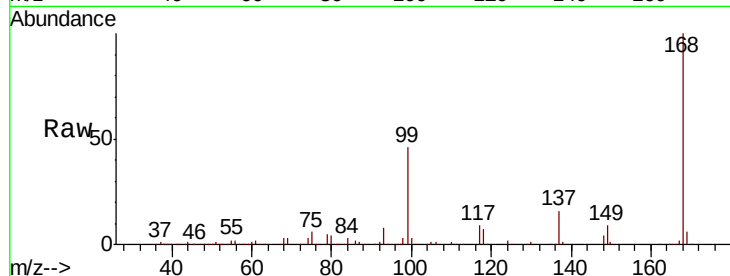




#38
Carbon Tetrachloride
Concen: 6.727 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010616.D
Acq: 02 Jul 2019 14:50

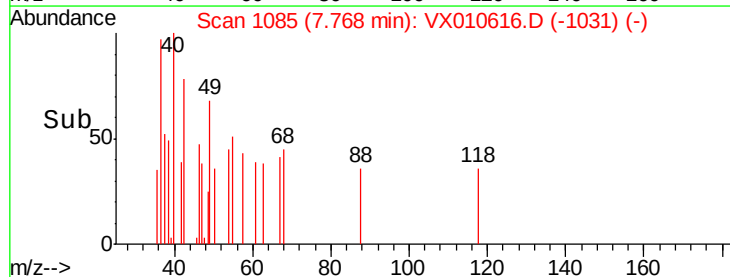
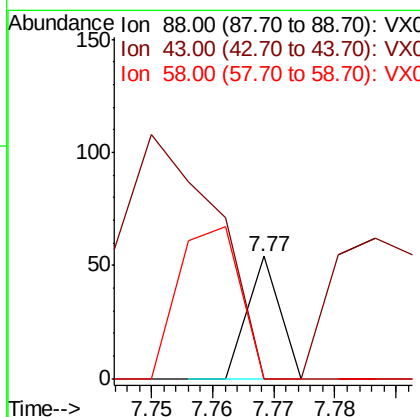
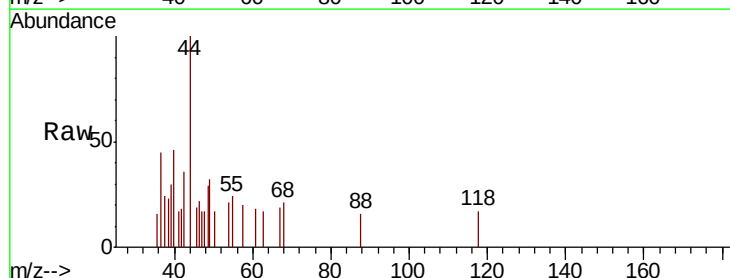
Instrument :
MSVOA_X
ClientSampled :
DUP

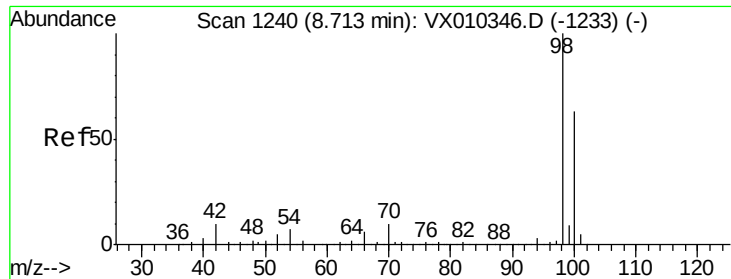
Tot Ion:117 Resp: 21369
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.4#
121 0.0 24.7 37.1#



#49
1,4-Dioxane
Concen: 0.299 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VX010616.D
Acq: 02 Jul 2019 14:50

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 235.0 49.5 74.3#

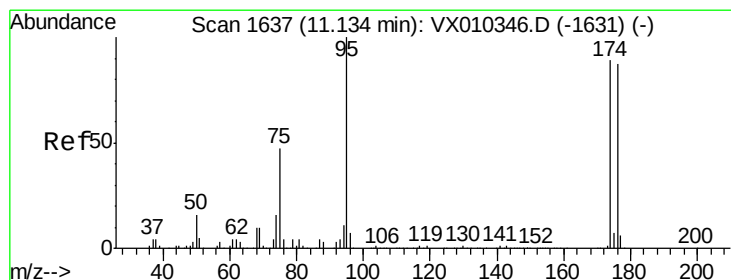
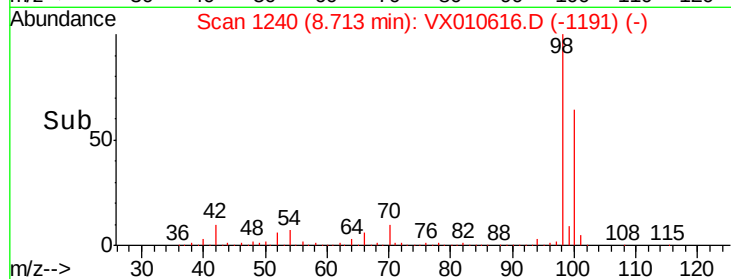
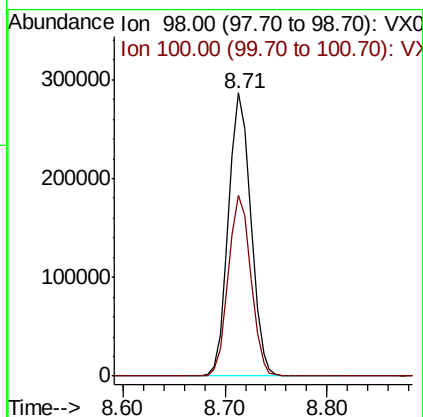
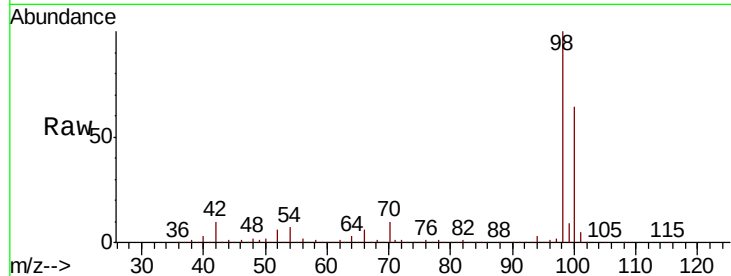




#50
Toluene-d8
Concen: 50.441 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010616.D
Acq: 02 Jul 2019 14:50

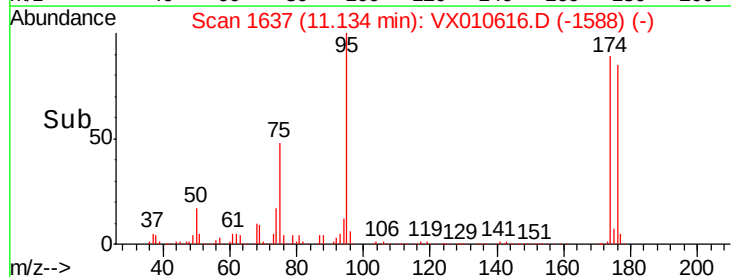
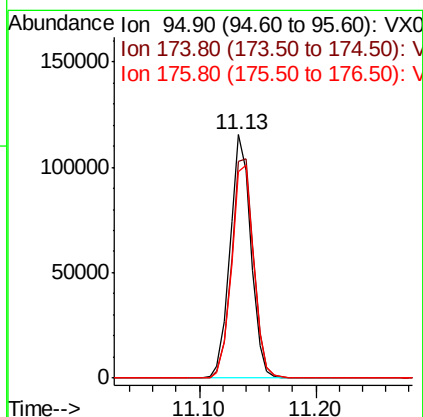
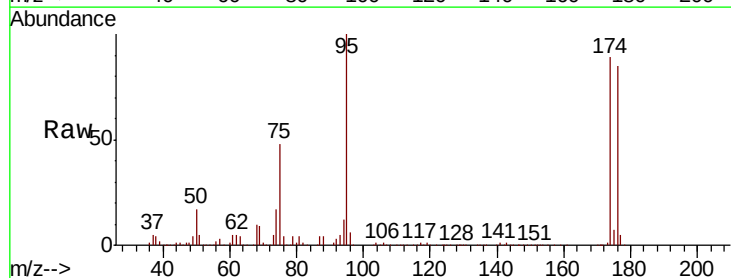
Instrument :
MSVOA_X
ClientSampleId :
DUP

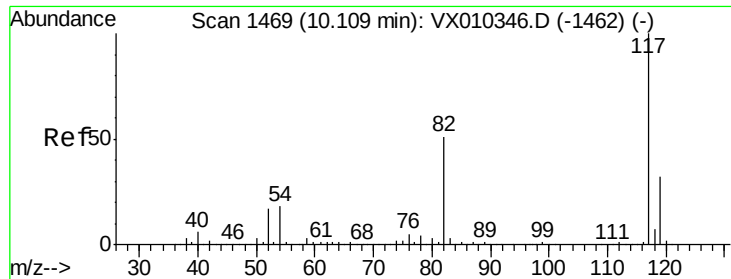
Tot Ion: 98 Resp: 435858
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.192 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010616.D
Acq: 02 Jul 2019 14:50

Tgt Ion: 95 Resp: 144100
Ion Ratio Lower Upper
95 100
174 95.4 0.0 187.6
176 92.5 0.0 184.0

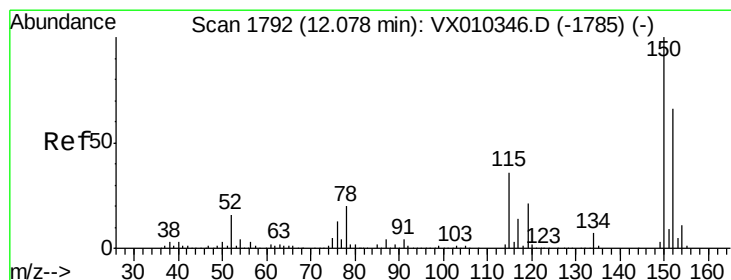
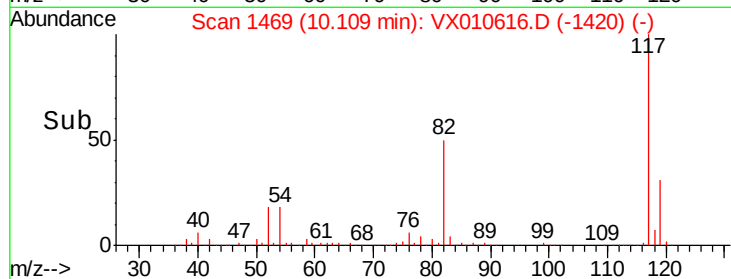
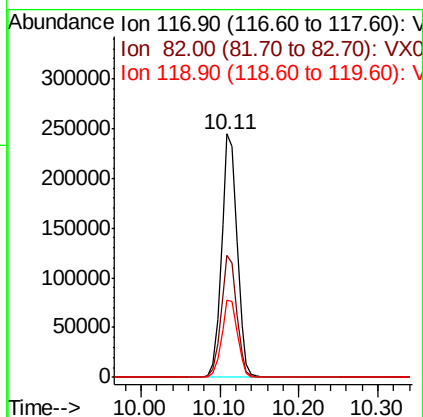
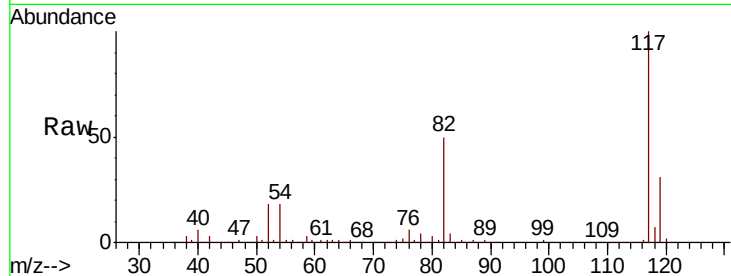




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010616.D
Acq: 02 Jul 2019 14:50

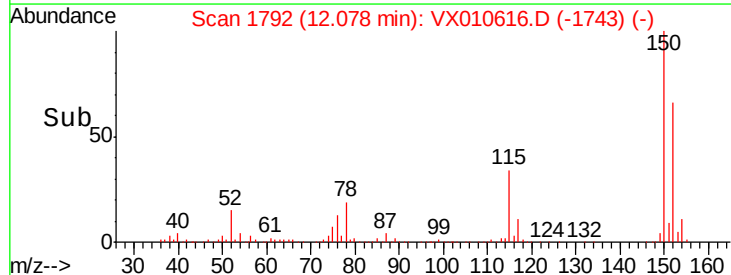
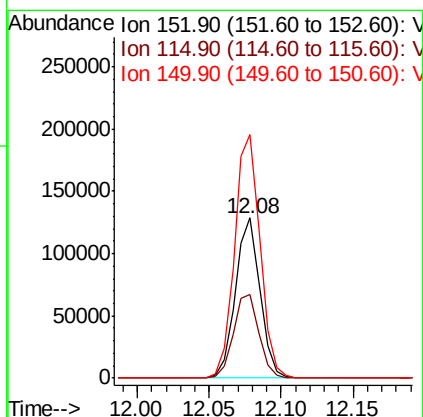
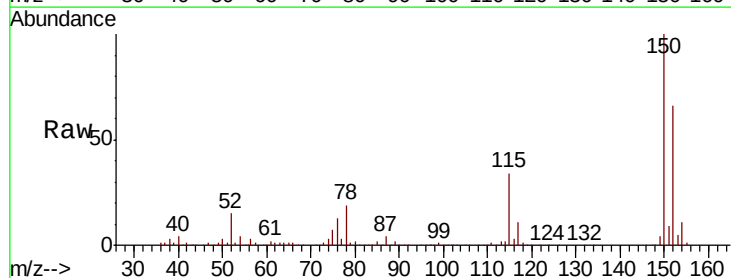
Instrument :
MSVOA_X
ClientSampleId :
DUP

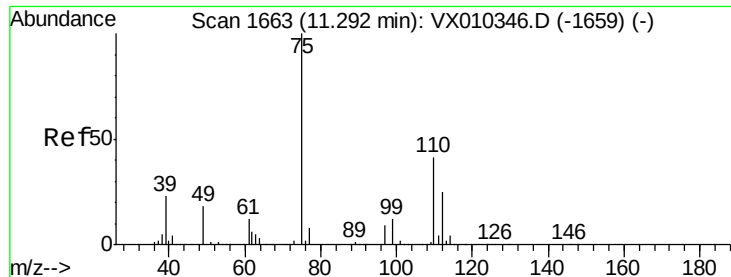
Tot Ion:117 Resp: 334596
Ion Ratio Lower Upper
117 100
82 50.3 41.2 61.8
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010616.D
Acq: 02 Jul 2019 14:50

Tgt Ion:152 Resp: 153446
Ion Ratio Lower Upper
152 100
115 54.7 38.6 115.7
150 157.5 0.0 347.4

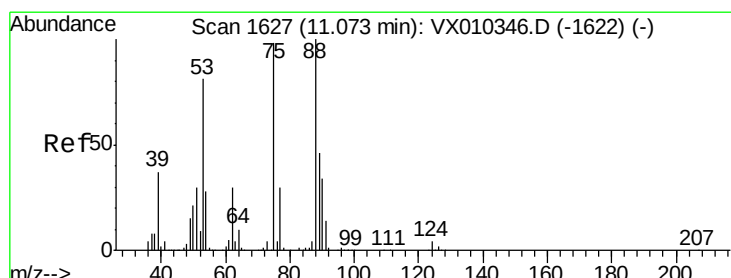
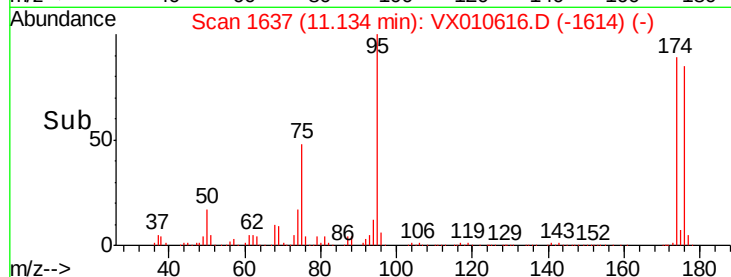
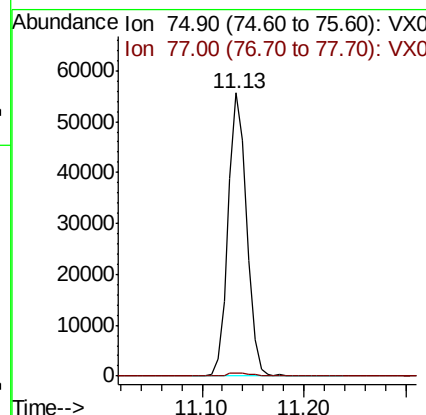
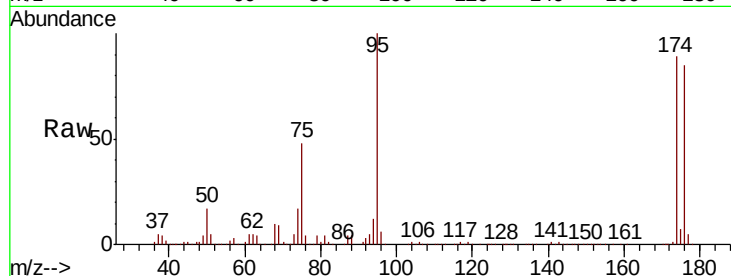




#76
 1,2,3-Trichloropropane
 Concen: 25.175 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010616.D
 Acq: 02 Jul 2019 14:50

Instrument :
 MSVOA_X
 ClientSampleID :
 DUP

Tot Ion: 75 Resp: 70394
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.731 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010616.D
 Acq: 02 Jul 2019 14:50

Tgt Ion: 75 Resp: 70394
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.2 37.8 56.6#

