

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010417.D
 Acq On : 24 Jun 2019 17:24
 Operator : JC/SP
 Sample : K3155-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N43502

Quant Time: Jun 25 03:39:34 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	281353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	431245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	388896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178068	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	131134	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
35) Dibromofluoromethane	5.50	113	130521	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	8.71	98	504987	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	169915	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	

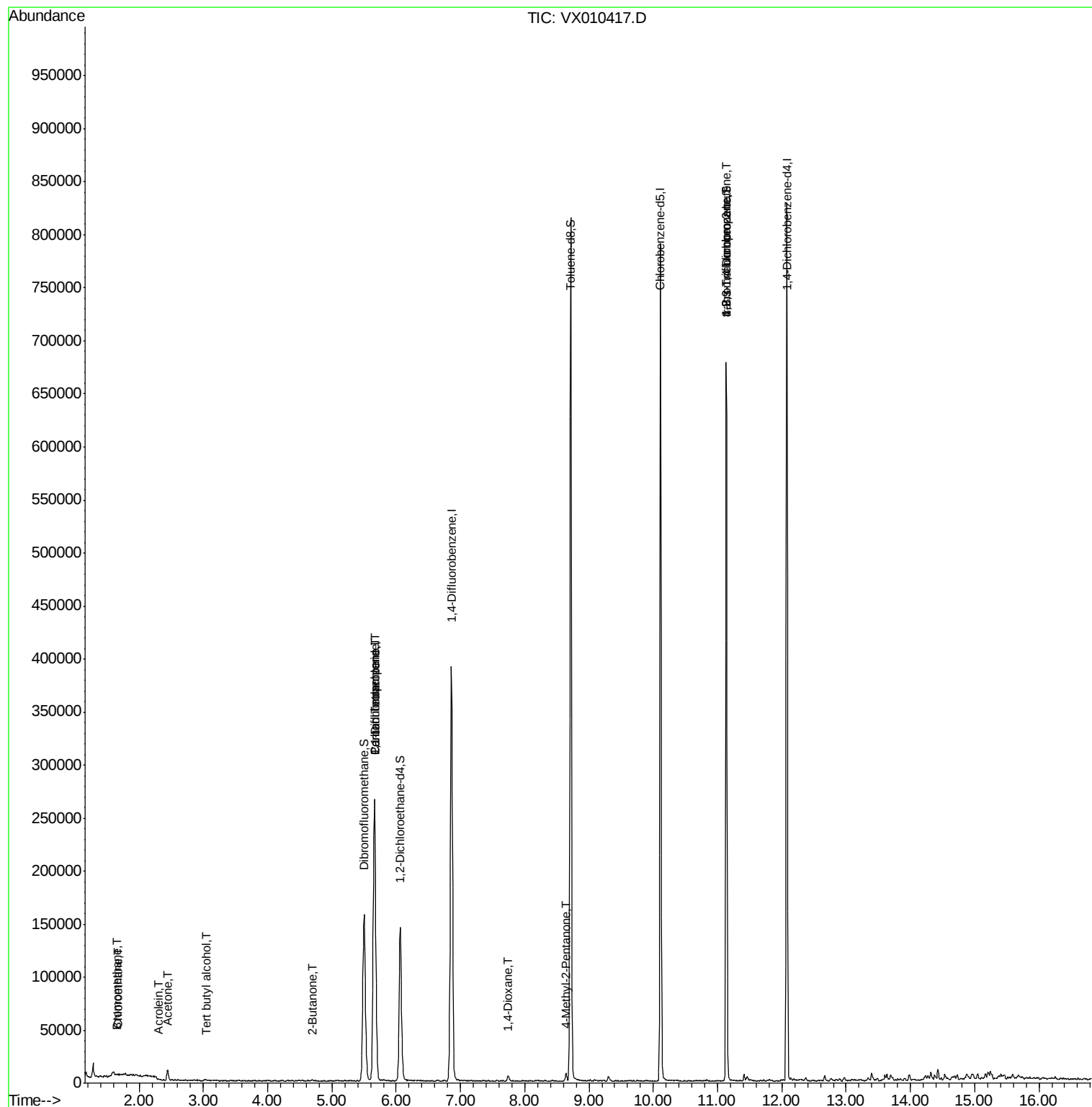
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	361	0.297	ug/l #	60
6) Chloroethane	1.68	64	322	0.219	ug/l #	82
11) Tert butyl alcohol	3.04	59	1396	2.022	ug/l #	87
13) Acrolein	2.29	56	347	0.758	ug/l #	49
16) Acetone	2.45	43	10429	7.888	ug/l	92
25) 2-Butanone	4.70	43	1340	0.691	ug/l	91
36) 1,1-Dichloropropene	5.66	75	16843	4.915	ug/l #	48
38) Carbon Tetrachloride	5.67	117	24470	6.594	ug/l #	16
49) 1,4-Dioxane	7.74	88	3903	49.973	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	4848	1.300	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	80768	24.891	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	80768	58.068	ug/l #	16

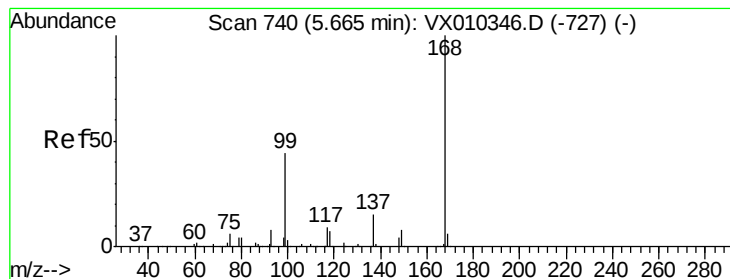
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062419\
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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: VX010417.D

Acq: 24 Jun 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

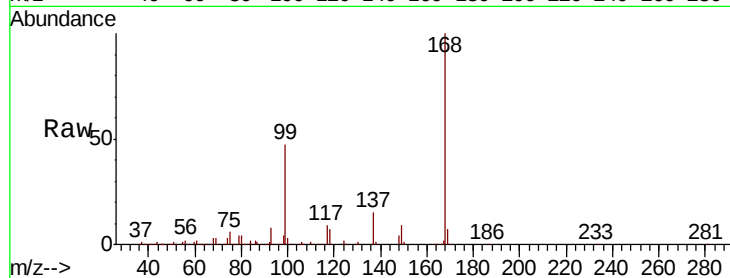
N43502

Tot Ion:168 Resp: 281353

Ion Ratio Lower Upper

168 100

99 46.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

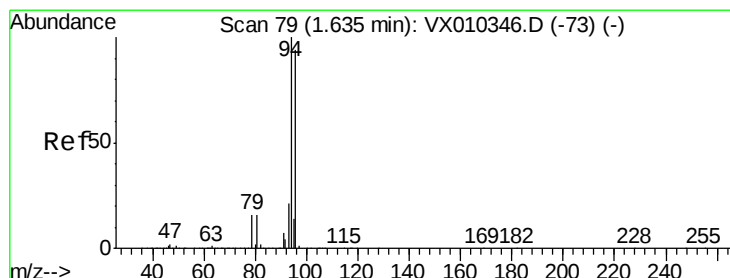
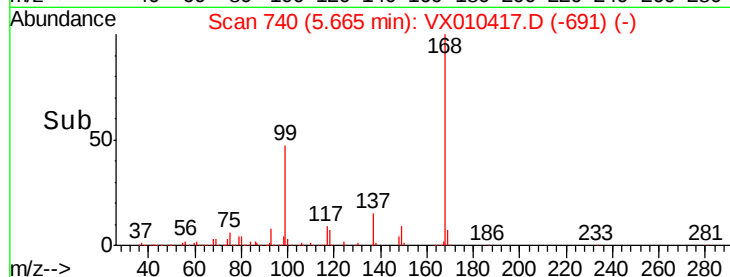
5.67

5.60

5.70

5.80

Time-->



#5

Bromomethane

Concen: 0.297 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010417.D

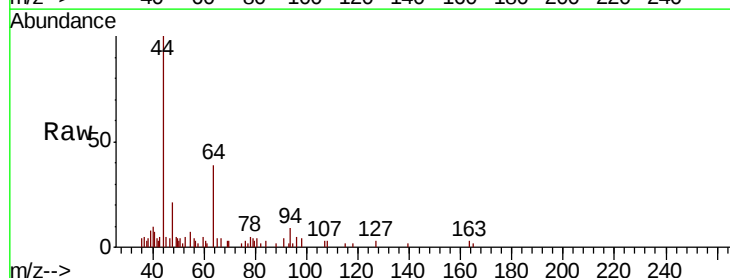
Acq: 24 Jun 2019 17:24

Tgt Ion: 94 Resp: 361

Ion Ratio Lower Upper

94 100

96 55.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

300

200

100

0

1.65

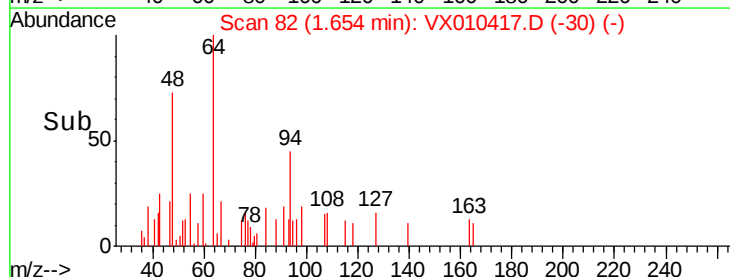
1.62

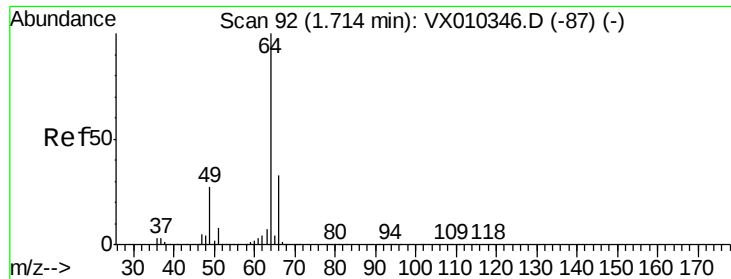
1.64

1.66

1.68

Time-->





#6

Chloroethane

Concen: 0.219 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX010417.D

Acq: 24 Jun 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

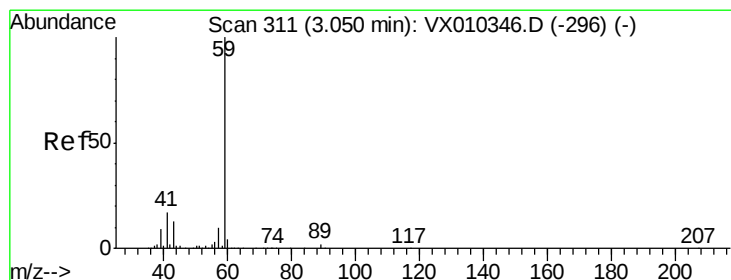
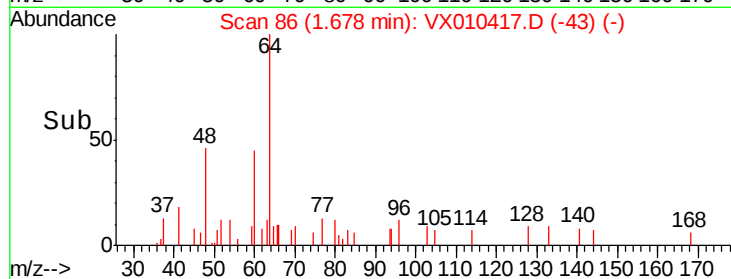
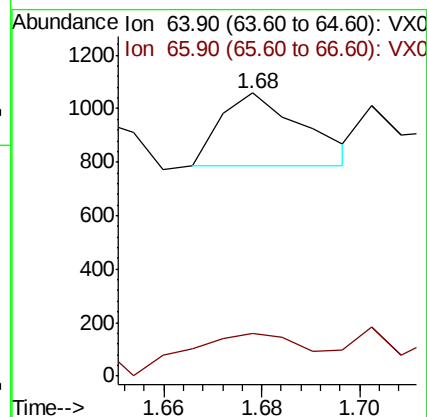
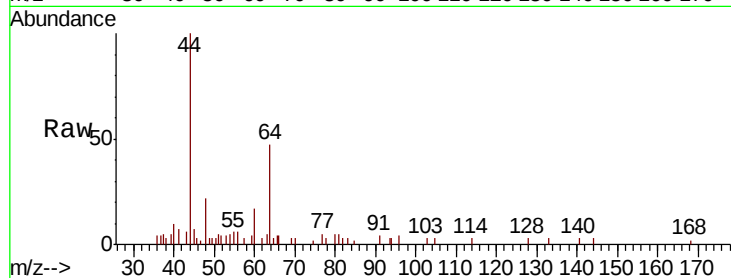
N43502

Tot Ion: 64 Resp: 322

Ion Ratio Lower Upper

64 100

66 23.1 26.6 40.0#



#11

Tert butyl alcohol

Concen: 2.022 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010417.D

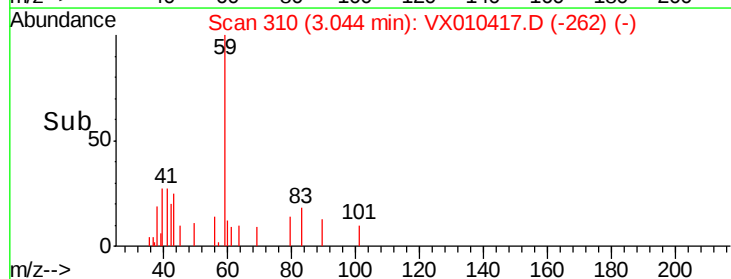
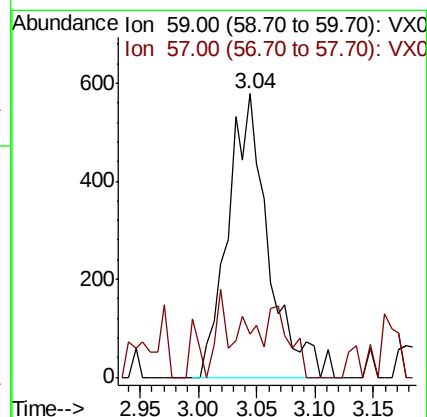
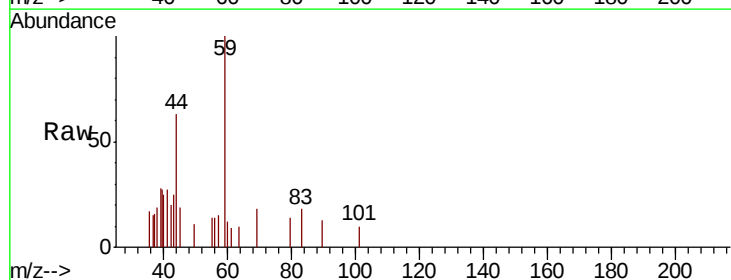
Acq: 24 Jun 2019 17:24

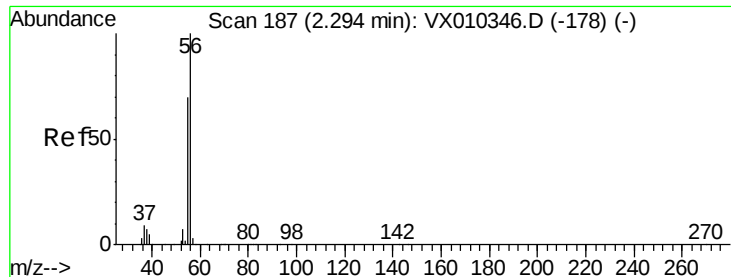
Tgt Ion: 59 Resp: 1396

Ion Ratio Lower Upper

59 100

57 4.7 7.7 11.5#

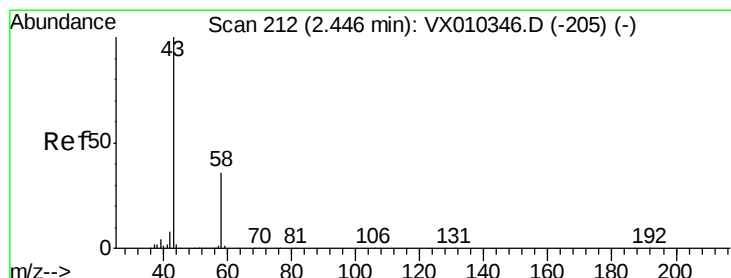
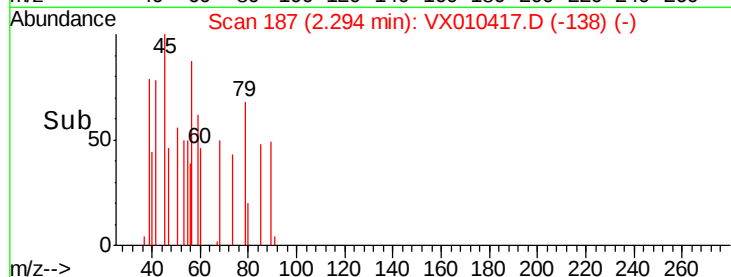
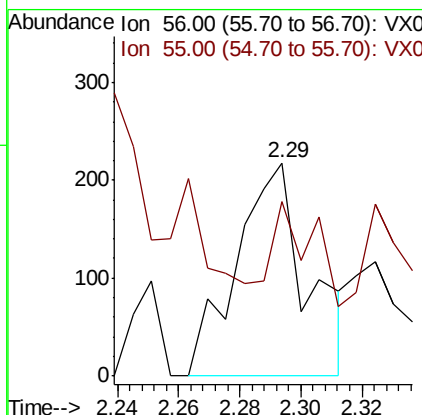
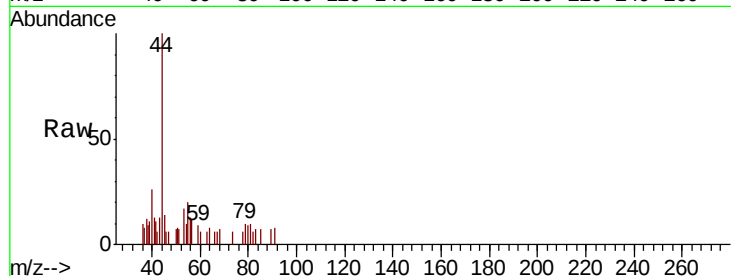




#13
Acrolein
Concen: 0.758 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010417.D
Acq: 24 Jun 2019 17:24

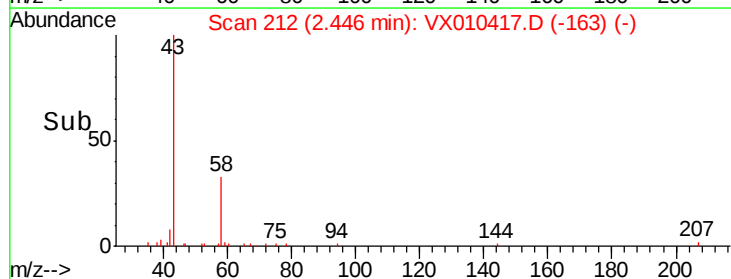
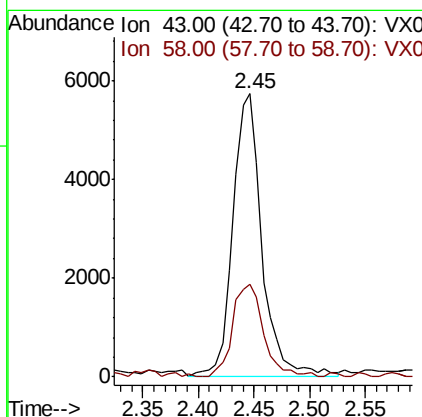
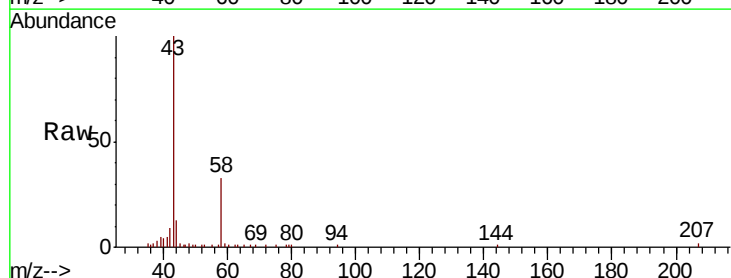
Instrument :
MSVOA_X
ClientSampled :
N43502

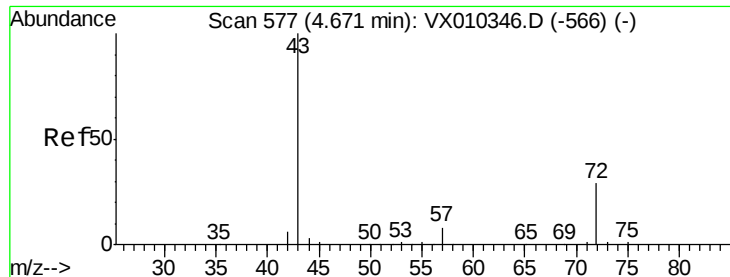
Tot Ion: 56 Resp: 347
Ion Ratio Lower Upper
56 100
55 28.5 56.9 85.3#



#16
Acetone
Concen: 7.888 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010417.D
Acq: 24 Jun 2019 17:24

Tgt Ion: 43 Resp: 10429
Ion Ratio Lower Upper
43 100
58 31.5 28.9 43.3





#25

2-Butanone

Concen: 0.691 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.03 min

Lab File: VX010417.D

Acq: 24 Jun 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

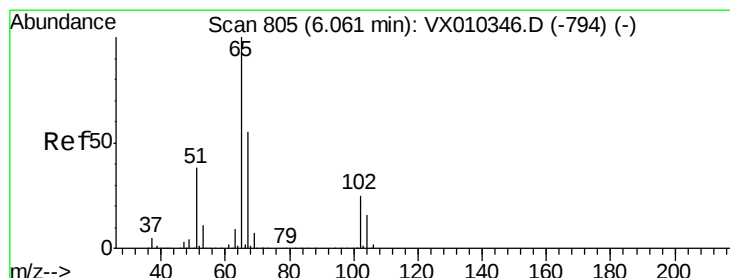
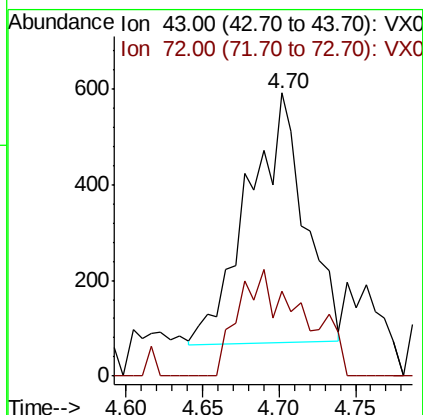
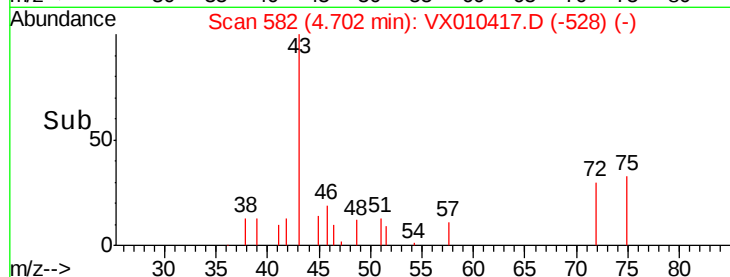
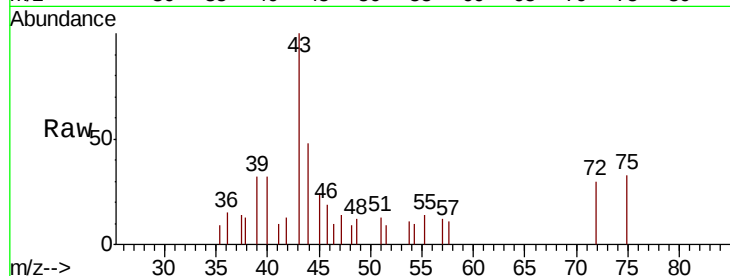
N43502

Tot Ion: 43 Resp: 1340

Ion Ratio Lower Upper

43 100

72 34.2 23.3 34.9



#33

1,2-Dichloroethane-d4

Concen: 49.710 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010417.D

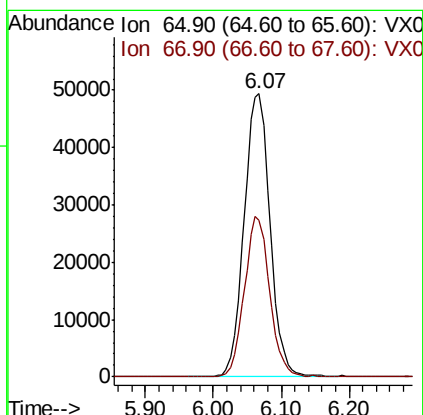
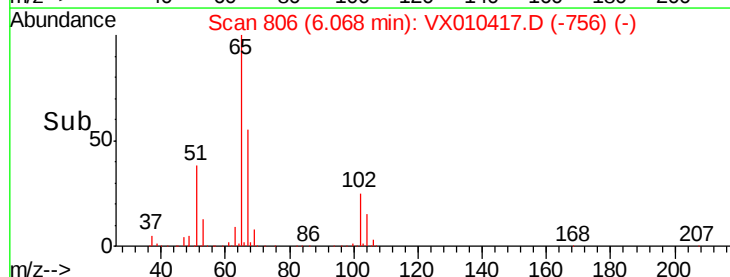
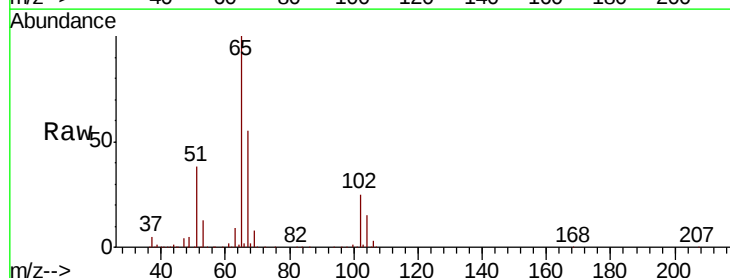
Acq: 24 Jun 2019 17:24

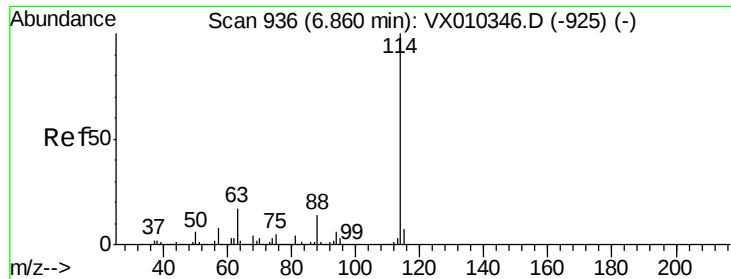
Tgt Ion: 65 Resp: 131134

Ion Ratio Lower Upper

65 100

67 55.2 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: VX010417.D

Acq: 24 Jun 2019 17:24

Instrument :

MSVOA_X

ClientSampleId :

N43502

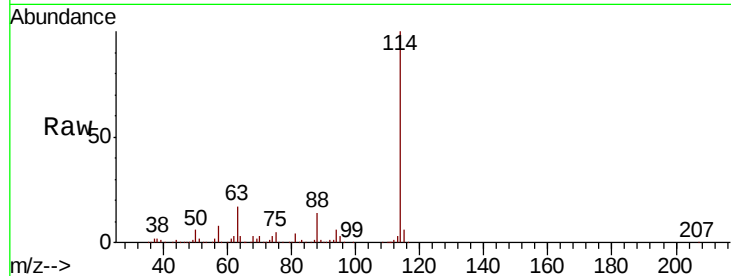
Tot Ion:114 Resp: 431245

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

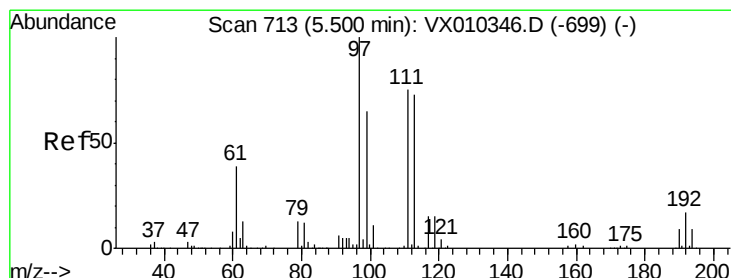
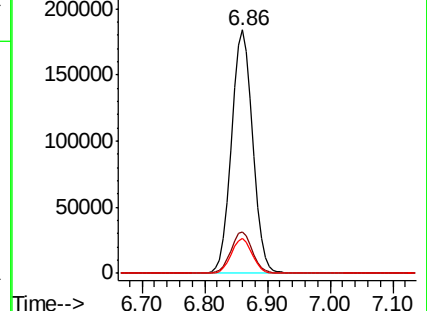
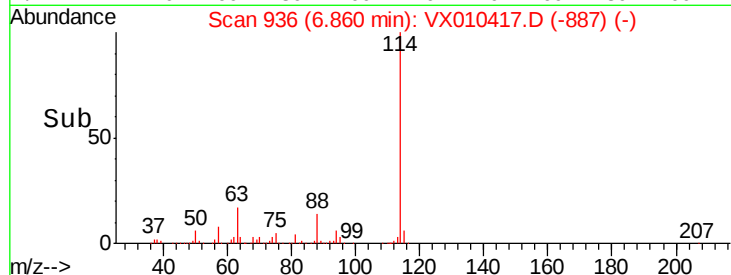
88 14.1 0.0 27.6



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: 49.468 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010417.D

Acq: 24 Jun 2019 17:24

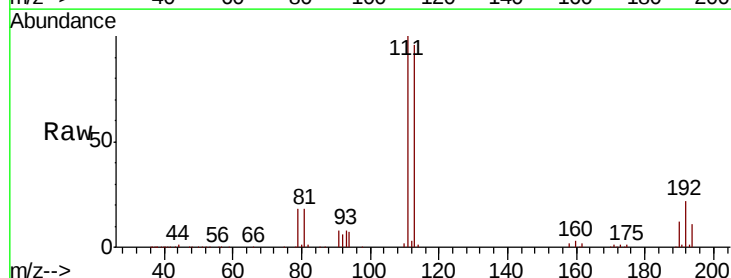
Tgt Ion:113 Resp: 130521

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

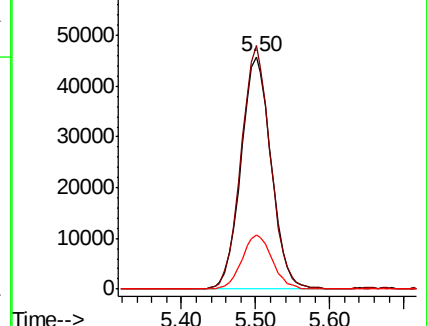
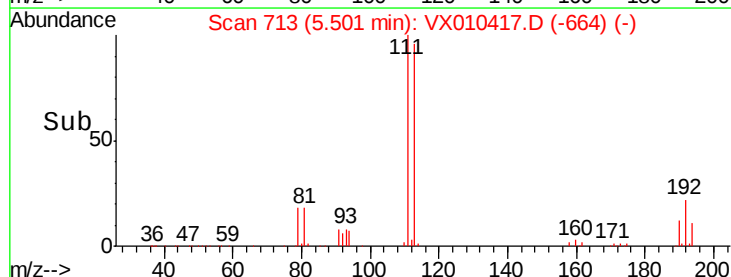
192 23.4 18.6 27.8

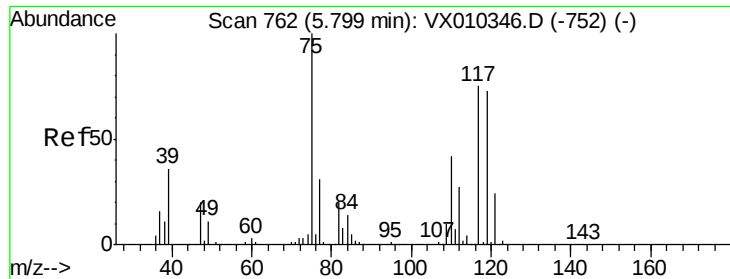


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

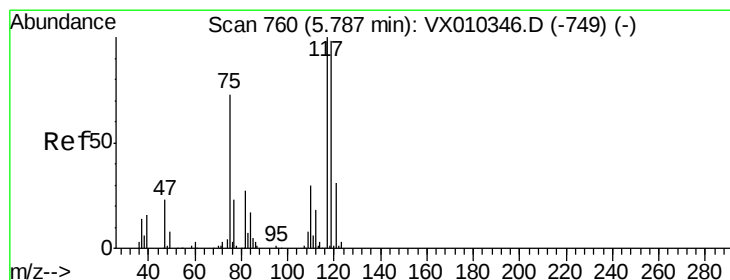
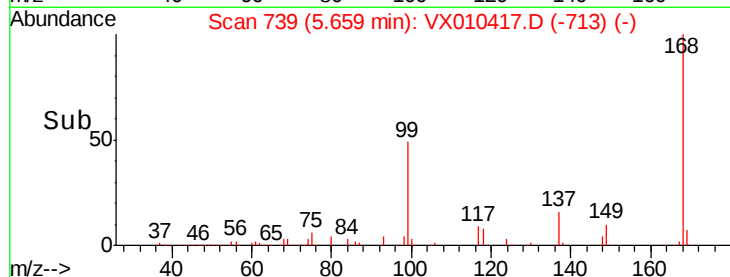
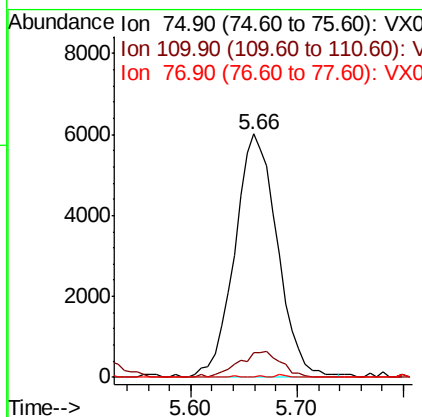
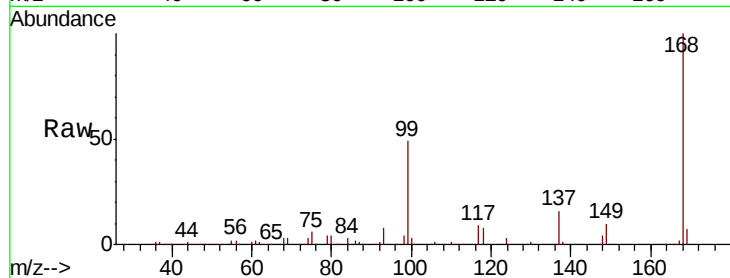




#36
 1,1-Dichloropropene
 Concen: 4.915 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010417.D
 Acq: 24 Jun 2019 17:24

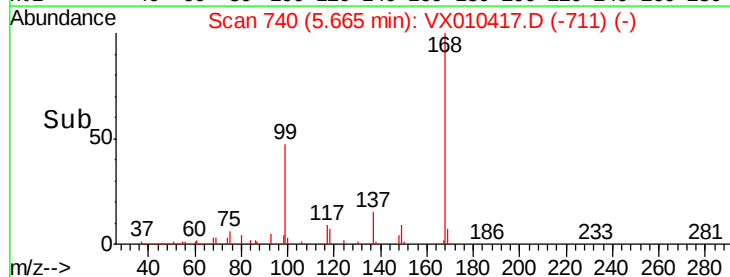
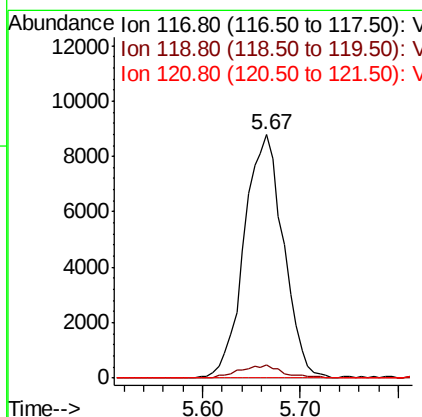
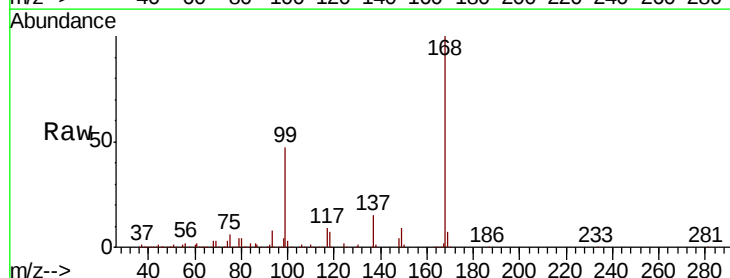
Instrument :
 MSVOA_X
 ClientSampleId :
 N43502

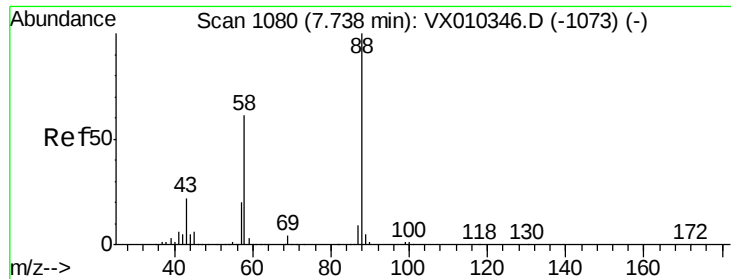
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.8	62.2#
77	0.1	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.594 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010417.D
 Acq: 24 Jun 2019 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.2	117.4#
121	0.0	24.7	37.1#





#49

1,4-Dioxane

Concen: 49.973 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010417.D

Acq: 24 Jun 2019 17:24

Instrument :

MSVOA_X

ClientSampled :

N43502

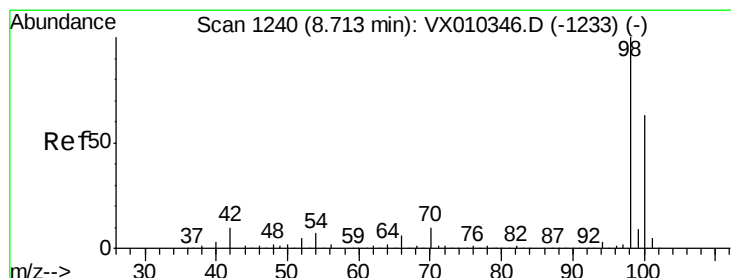
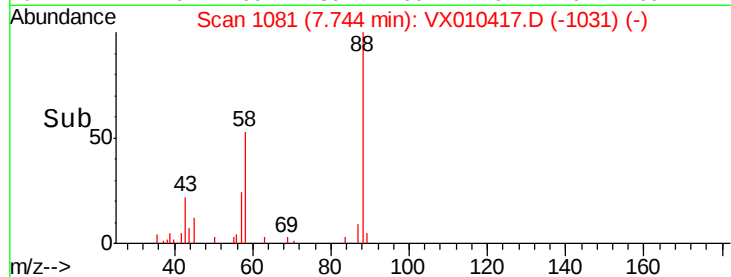
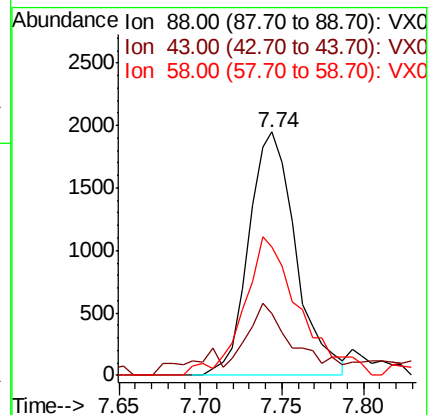
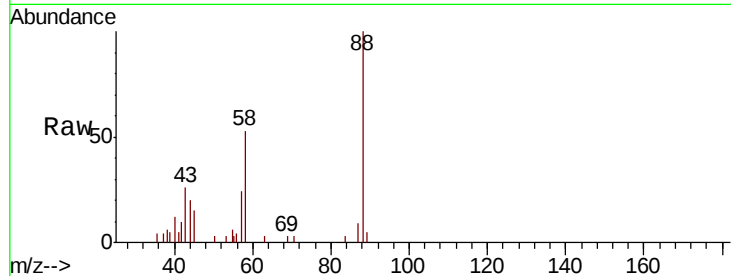
Tot Ion: 88 Resp: 3903

Ion Ratio Lower Upper

88 100

43 23.2 20.2 30.2

58 67.4 49.5 74.3



#50

Toluene-d8

Concen: 50.026 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010417.D

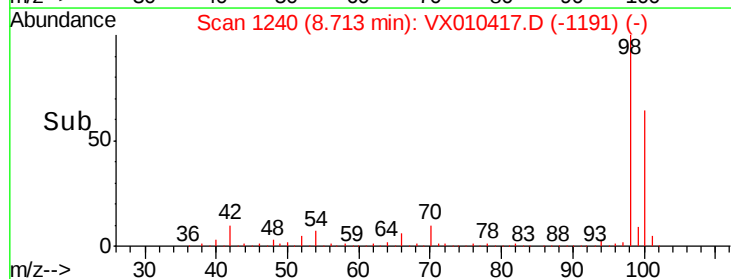
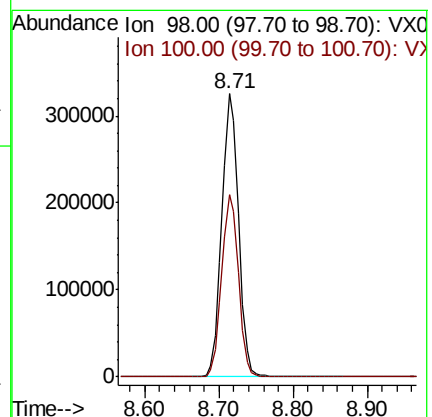
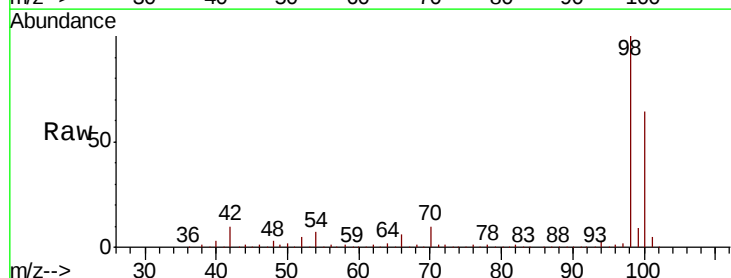
Acq: 24 Jun 2019 17:24

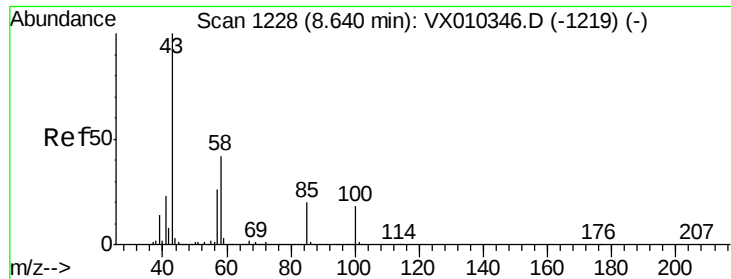
Tgt Ion: 98 Resp: 504987

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

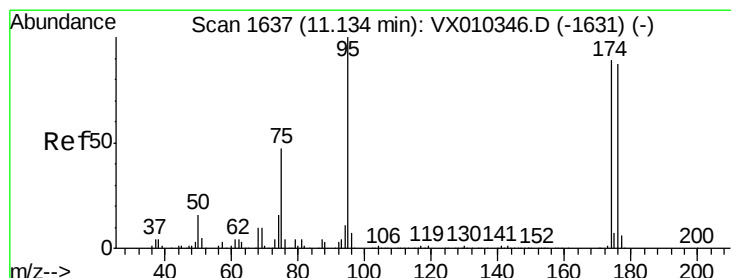
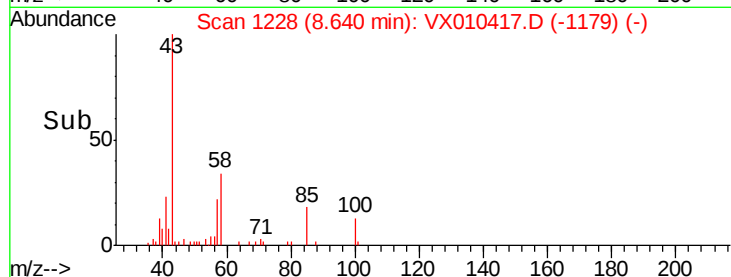
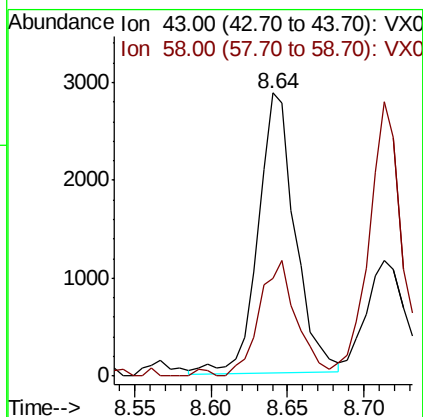
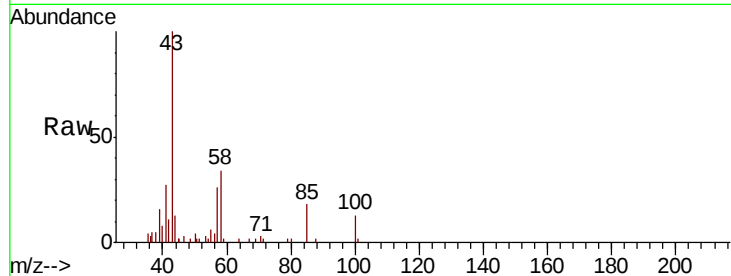




#51
4-Methyl-2-Pentanone
Concen: 1.300 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010417.D
Acq: 24 Jun 2019 17:24

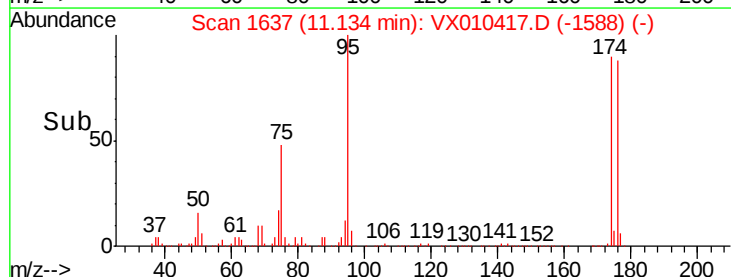
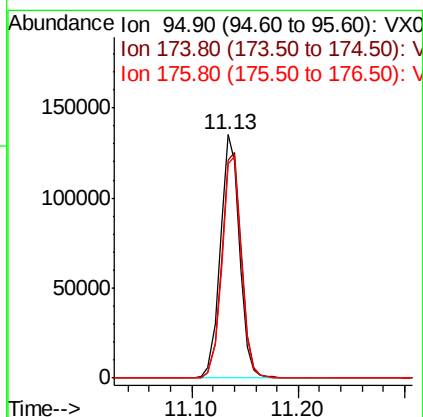
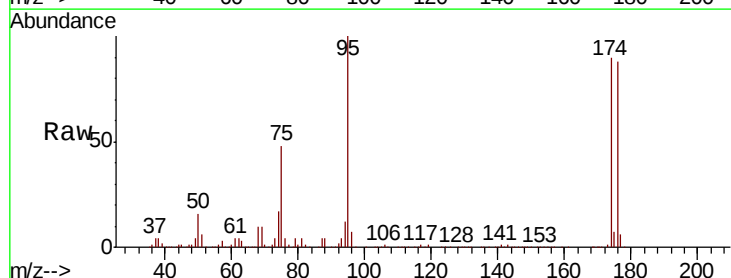
Instrument :
MSVOA_X
ClientSampleId :
N43502

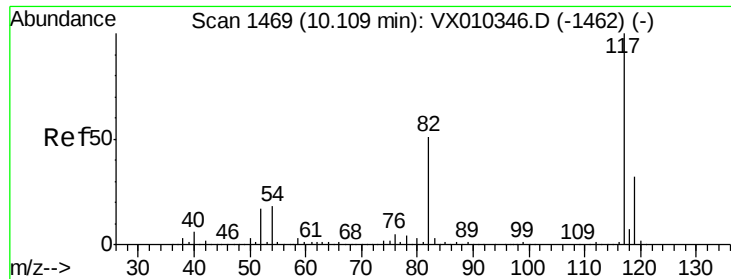
Tot Ion: 43 Resp: 4848
Ion Ratio Lower Upper
43 100
58 41.5 33.5 50.3



#62
4-Bromofluorobenzene
Concen: 46.624 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010417.D
Acq: 24 Jun 2019 17:24

Tgt Ion: 95 Resp: 169915
Ion Ratio Lower Upper
95 100
174 95.2 0.0 187.6
176 92.1 0.0 184.0

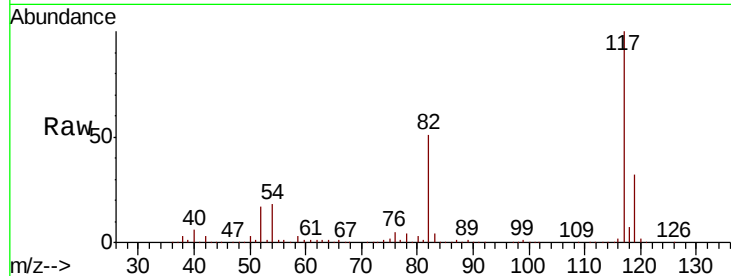




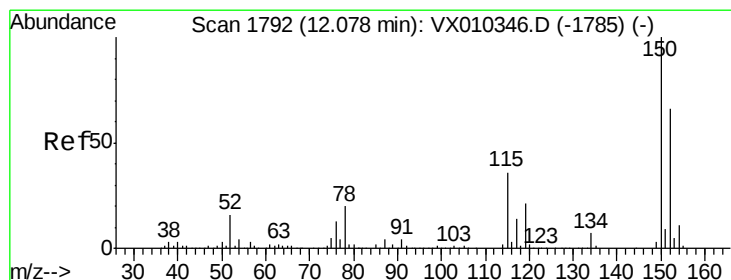
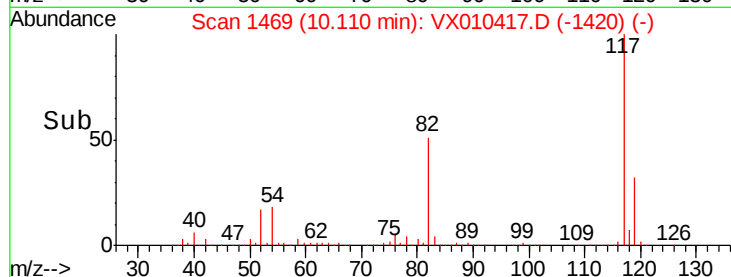
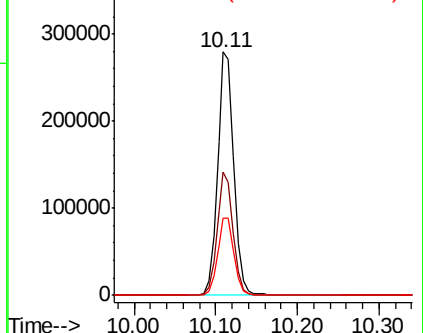
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010417.D
Acq: 24 Jun 2019 17:24

Instrument :
MSVOA_X
ClientSampled :
N43502

Tot Ion:117 Resp: 388896
Ion Ratio Lower Upper
117 100
82 50.8 41.2 61.8
119 31.9 25.5 38.3

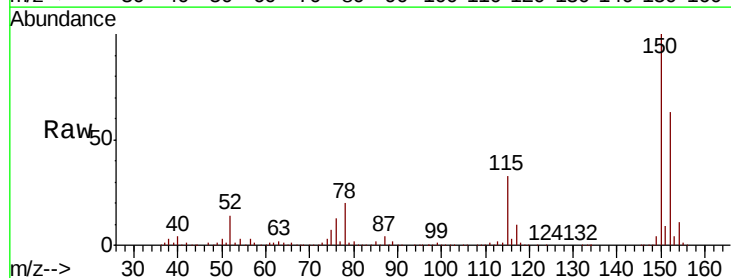


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

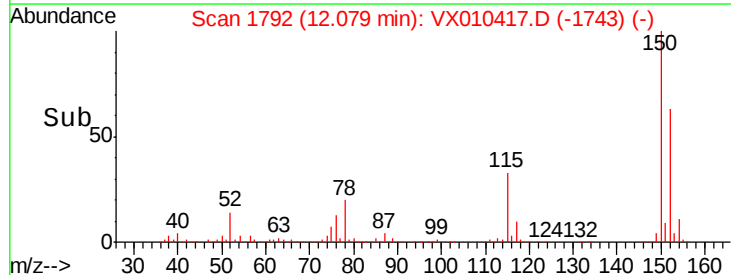
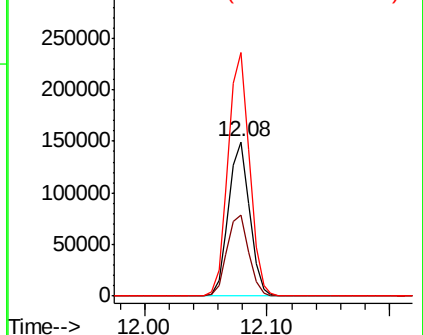


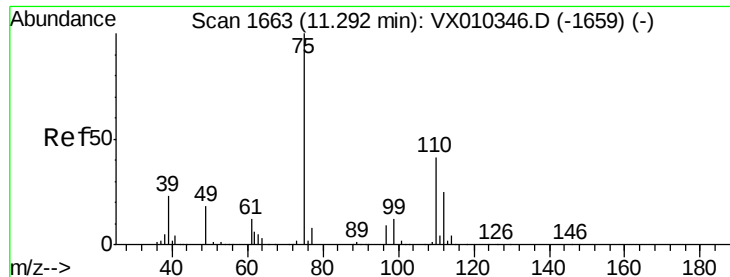
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010417.D
Acq: 24 Jun 2019 17:24

Tgt Ion:152 Resp: 178068
Ion Ratio Lower Upper
152 100
115 54.3 38.6 115.7
150 159.8 0.0 347.4



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

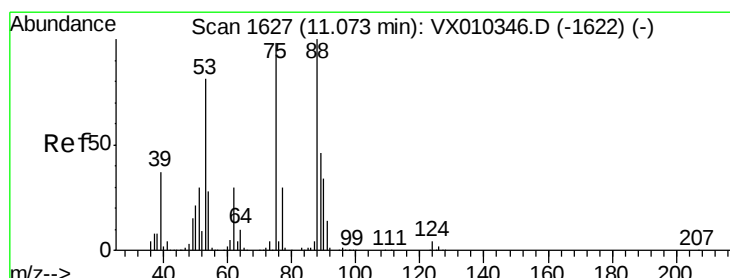
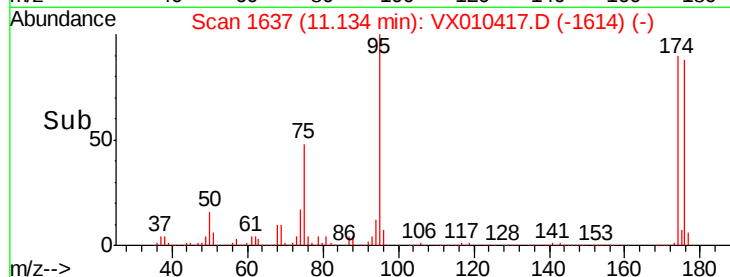
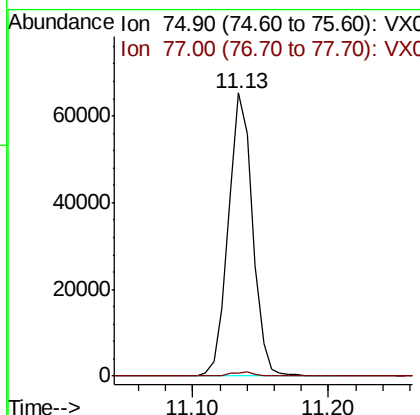
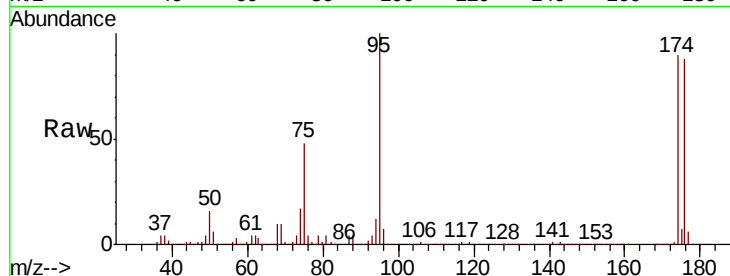




#76
 1,2,3-Trichloropropane
 Concen: 24.891 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010417.D
 Acq: 24 Jun 2019 17:24

Instrument :
 MSVOA_X
 ClientSampled :
 N43502

Tot Ion: 75 Resp: 80768
 Ion Ratio Lower Upper
 75 100
 77 1.6 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.068 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010417.D
 Acq: 24 Jun 2019 17:24

Tgt Ion: 75 Resp: 80768
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.1 99.1#
 89 0.0 37.8 56.6#

