

Data File : VX008797.D
Acq On : 10 Apr 2019 12:03
Operator : JC/SP
Sample : VX0410MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

Quant Time: Apr 11 05:38:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	209818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	141175	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.50	113	104499	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	8.71	98	434205	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	145530	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

Target Compounds

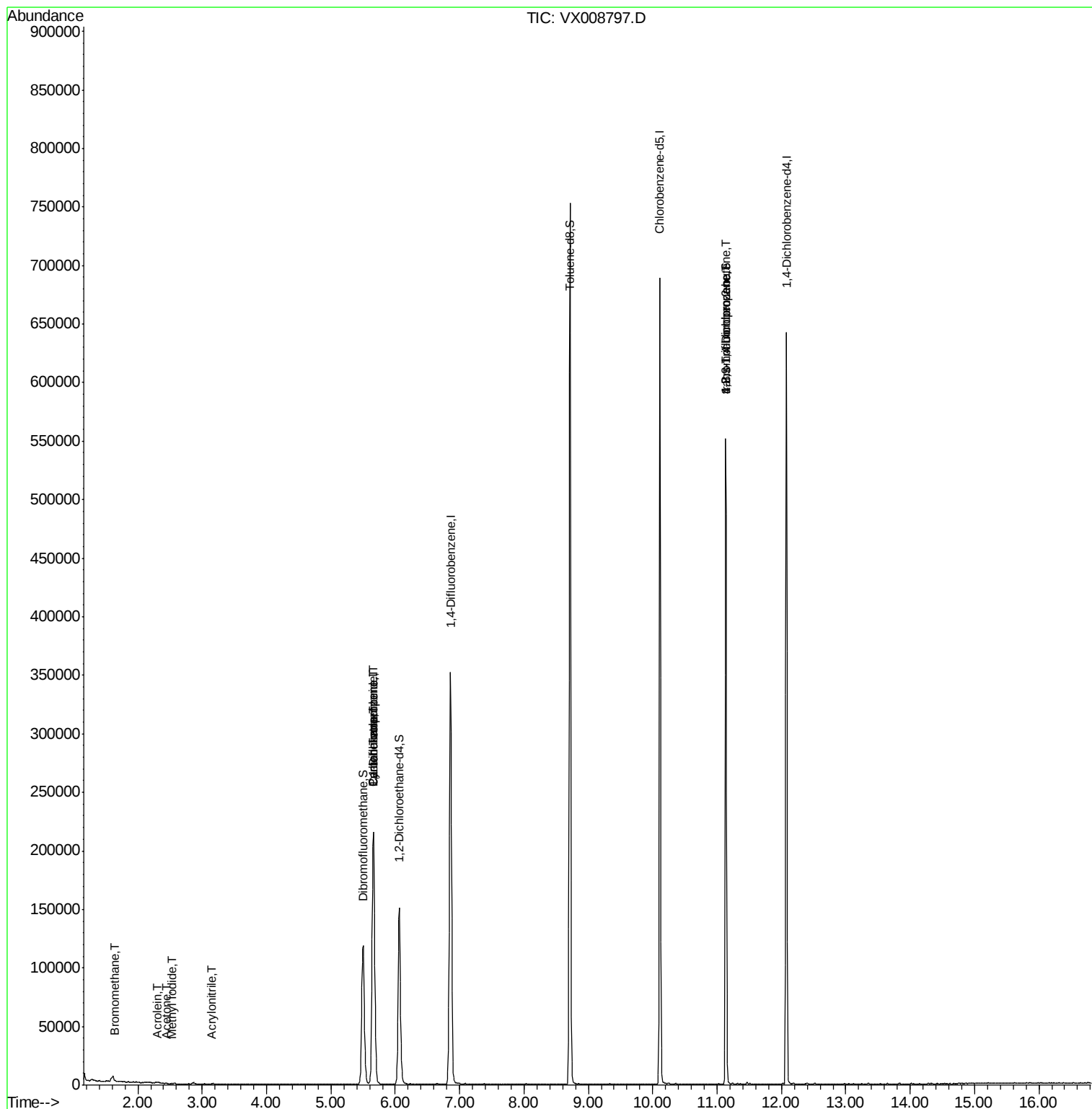
					Qvalue	
3) Chloromethane	1.33	50	343	Below Cal		92
5) Bromomethane	1.65	94	277	2.051 ug/l		83
6) Chloroethane	1.72	64	48	Below Cal	#	34
10) Methyl Iodide	2.53	142	187	4.084 ug/l	#	56
13) Acrolein	2.29	56	153	0.431 ug/l	#	26
15) Acrylonitrile	3.15	53	417	0.220 ug/l	#	24
16) Acetone	2.45	43	474	0.269 ug/l	#	83
17) Carbon Disulfide	2.57	76	1005	Below Cal	#	75
28) Bromochloromethane	5.03	49	23	Below Cal	#	22
31) Cyclohexane	5.66	56	4711	0.891 ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	16880	4.508 ug/l	#	51
38) Carbon Tetrachloride	5.66	117	20008	6.457 ug/l	#	16
76) 1,2,3-Trichloropropane	11.13	75	74067	20.778 ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.13	75	74067	57.275 ug/l	#	9

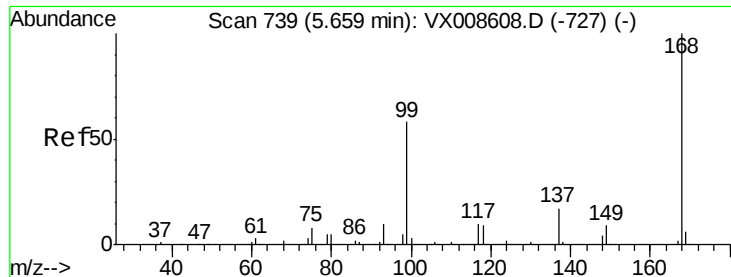
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX008797.D
Acq On : 10 Apr 2019 12:03
Operator : JC/SP
Sample : VX0410MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0410MBL01

Quant Time: Apr 11 05:38:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008797.D

Acq: 10 Apr 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

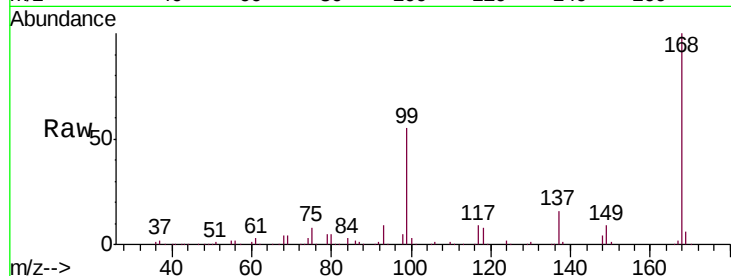
VX0410MBL01

Tgt Ion:168 Resp: 209818

Ion Ratio Lower Upper

168 100

99 54.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

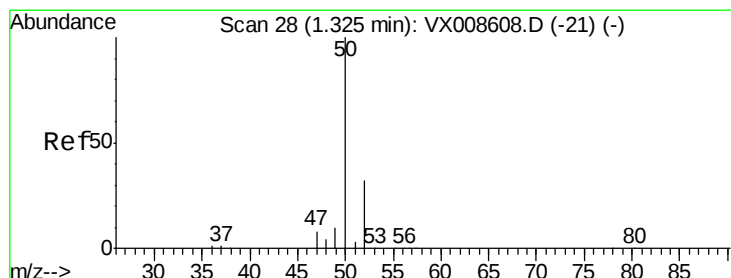
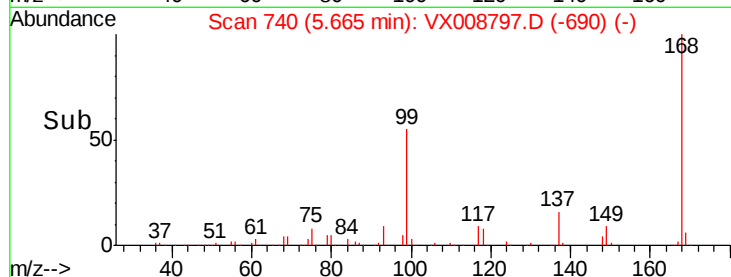
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008797.D

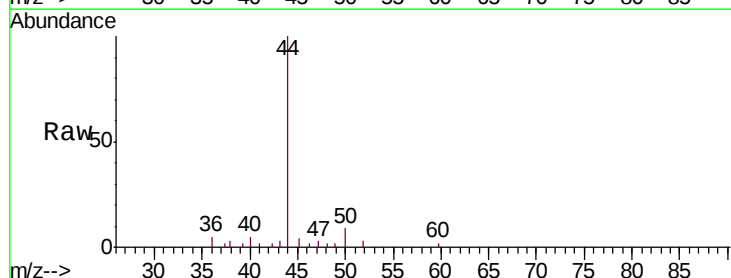
Acq: 10 Apr 2019 12:03

Tgt Ion: 50 Resp: 343

Ion Ratio Lower Upper

50 100

52 27.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

300

250

200

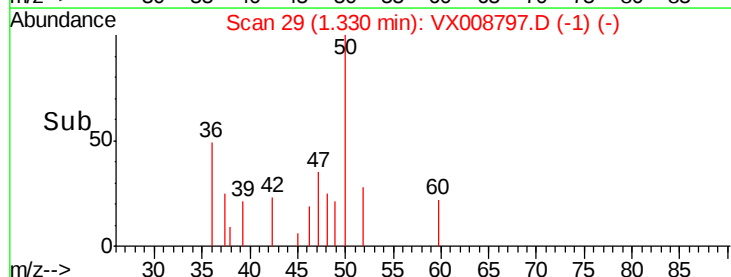
150

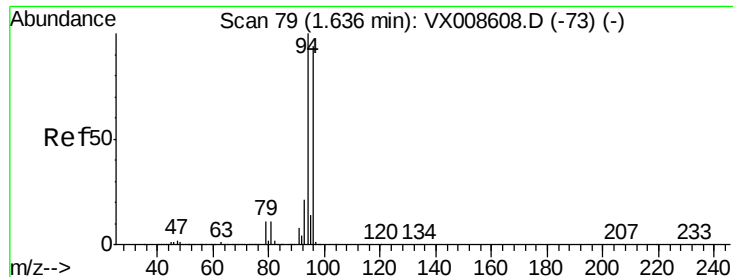
100

50

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 2.051 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008797.D

Acq: 10 Apr 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

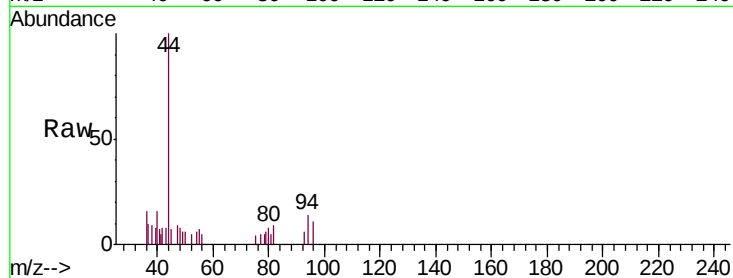
VX0410MBL01

Tgt Ion: 94 Resp: 277

Ion Ratio Lower Upper

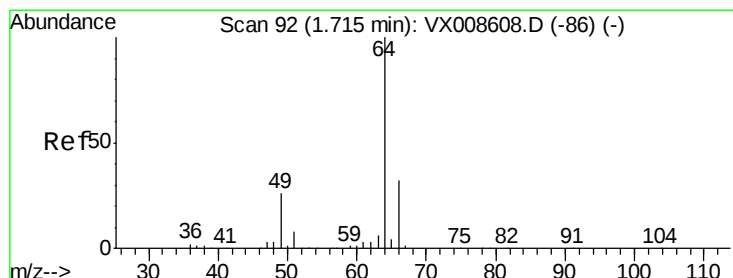
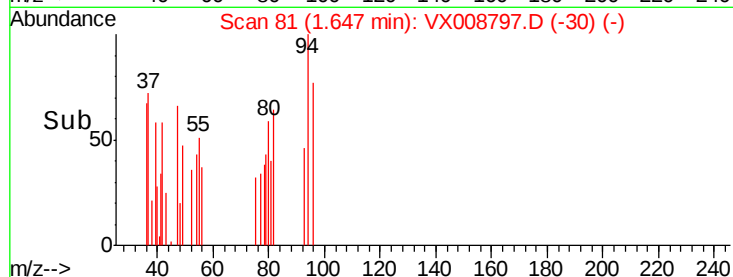
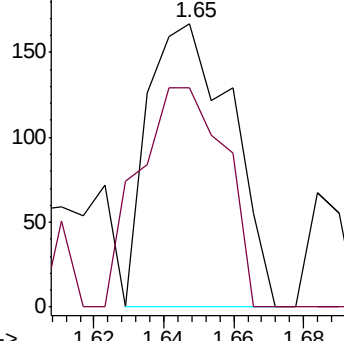
94 100

96 77.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008797.D

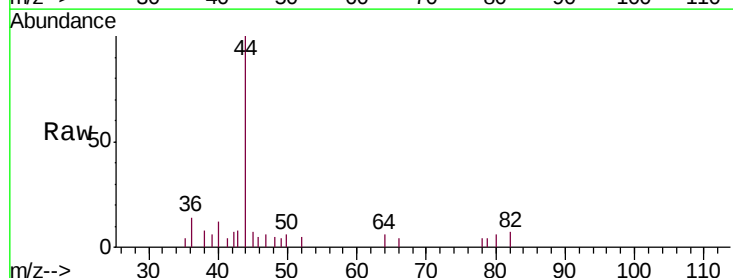
Acq: 10 Apr 2019 12:03

Tgt Ion: 64 Resp: 48

Ion Ratio Lower Upper

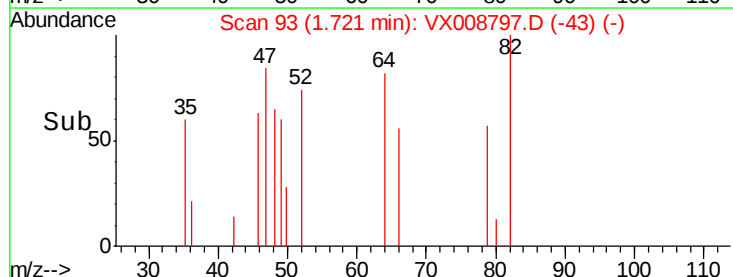
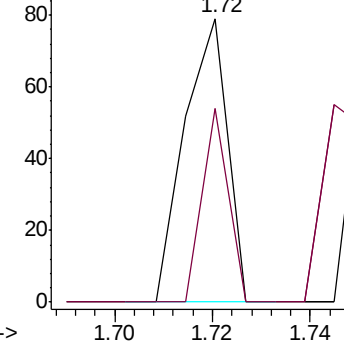
64 100

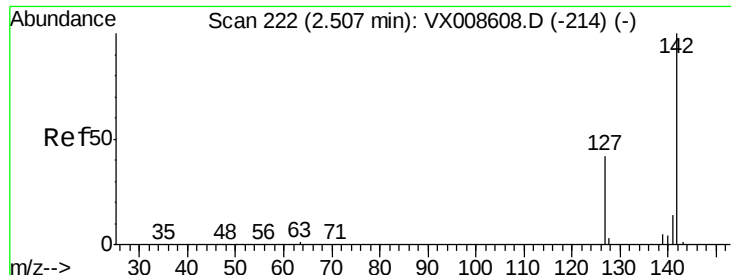
66 68.4 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

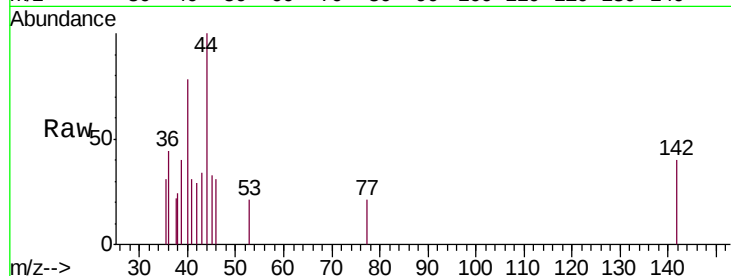




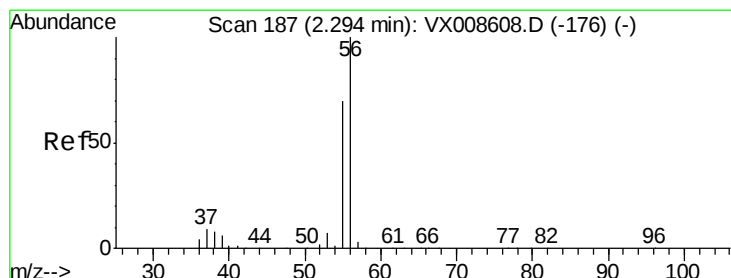
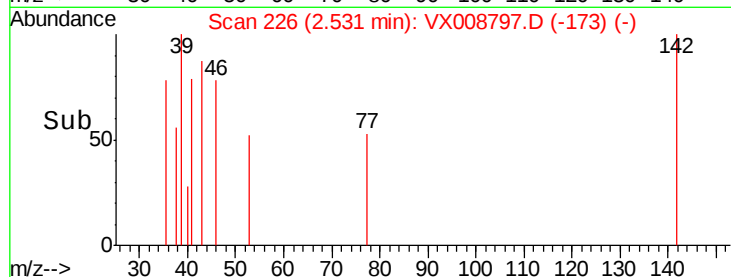
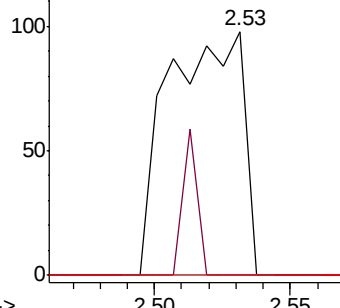
#10
Methyl Iodide
Concen: 4.084 ug/l
RT: 2.53 min Scan# 226
Delta R.T. 0.02 min
Lab File: VX008797.D
Acq: 10 Apr 2019 12:03

Instrument :
MSVOA_X
ClientSampled :
VX0410MBL01

Tgt Ion: 142 Resp: 187
Ion Ratio Lower Upper
142 100
127 11.8 33.0 49.6#
141 0.0 11.4 17.2#

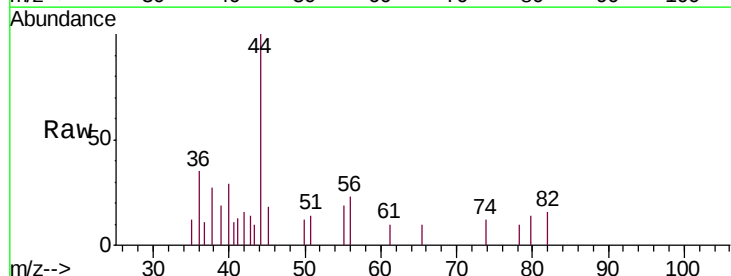


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

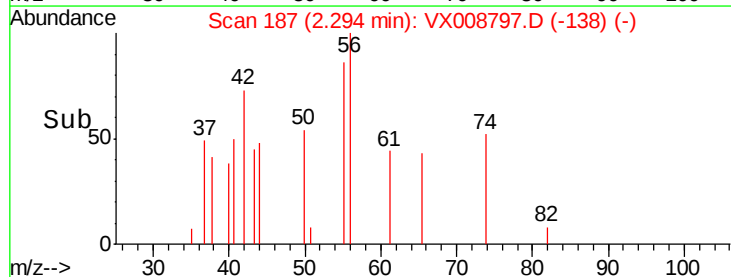
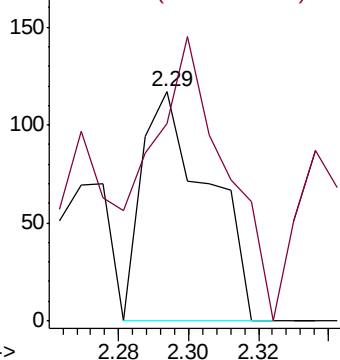


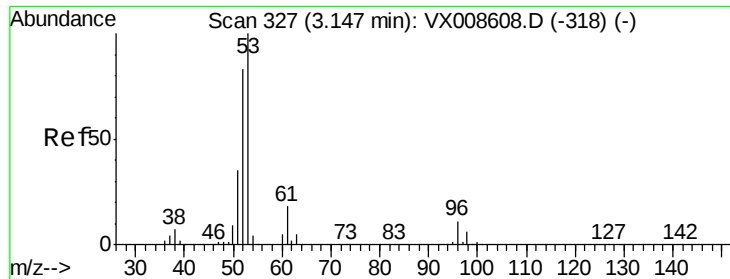
#13
Acrolein
Concen: 0.431 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008797.D
Acq: 10 Apr 2019 12:03

Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 134.0 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.220 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX008797.D

Acq: 10 Apr 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0410MBL01

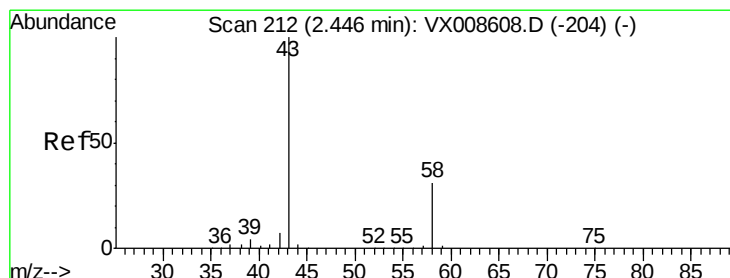
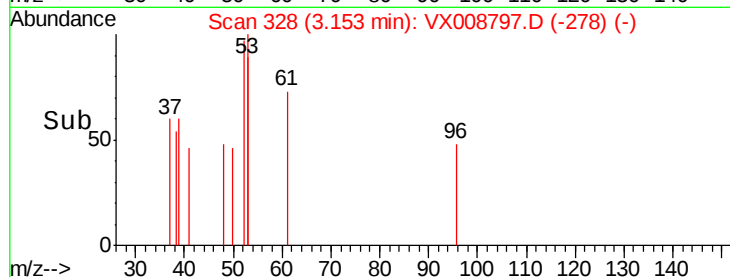
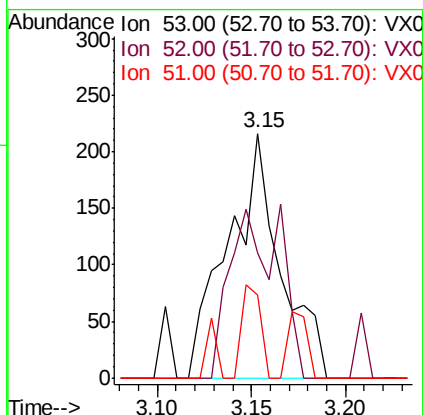
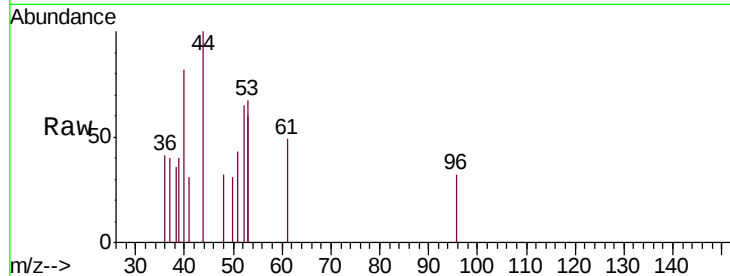
Tgt Ion: 53 Resp: 417

Ion Ratio Lower Upper

53 100

52 0.0 66.5 99.7#

51 13.7 28.6 42.8#



#16

Acetone

Concen: 0.269 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008797.D

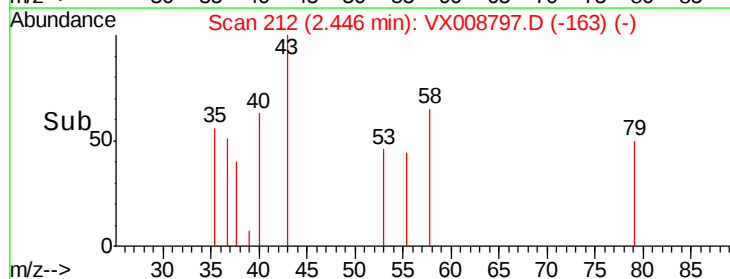
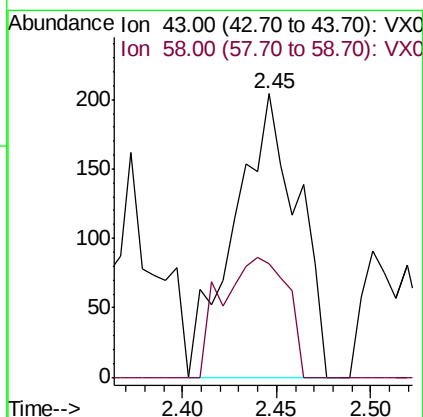
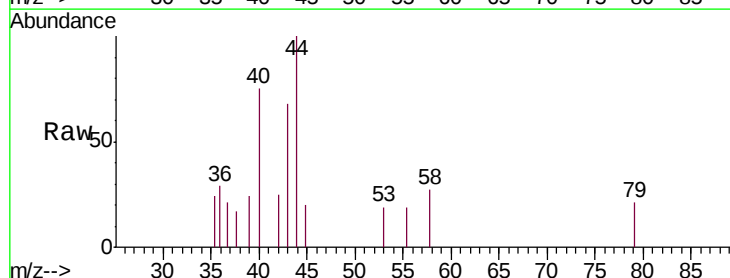
Acq: 10 Apr 2019 12:03

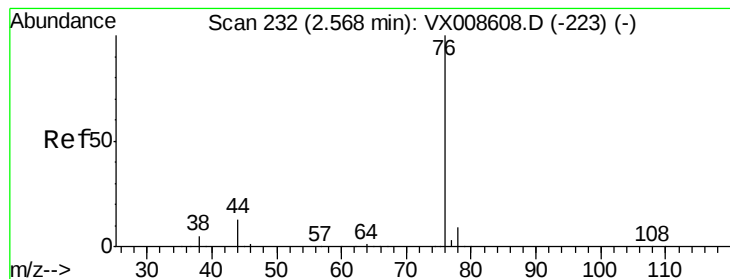
Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

58 40.2 24.8 37.2#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008797.D

Acq: 10 Apr 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

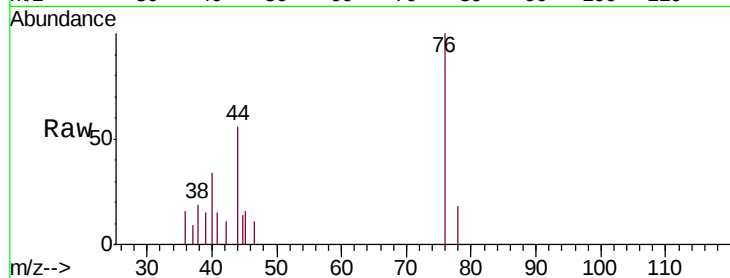
VX0410MBL01

Tgt Ion: 76 Resp: 1005

Ion Ratio Lower Upper

76 100

78 17.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

600

500

400

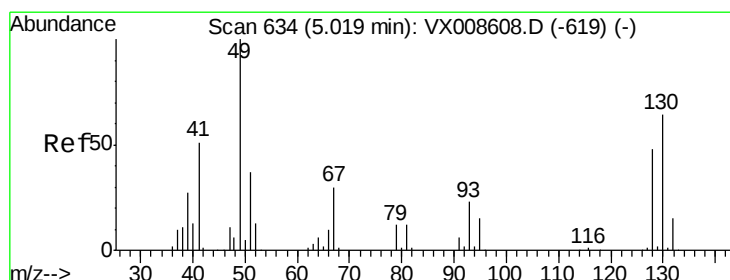
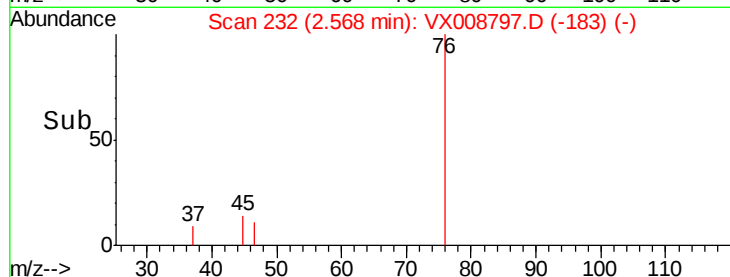
300

200

100

0

Time--> 2.50 2.55 2.60



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 636

Delta R.T. 0.01 min

Lab File: VX008797.D

Acq: 10 Apr 2019 12:03

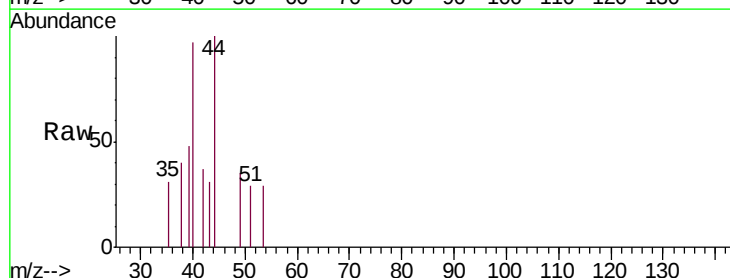
Tgt Ion: 49 Resp: 23

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

80

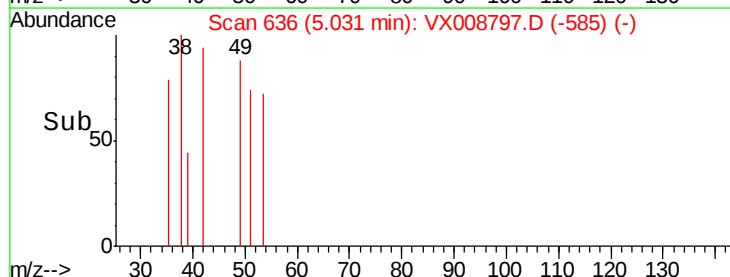
60

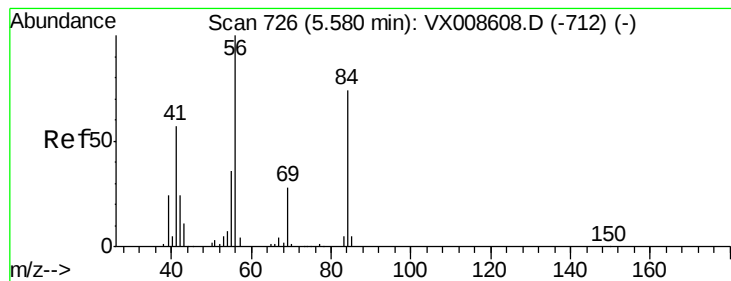
40

20

0

Time--> 5.01 5.02 5.03 5.04 5.05





#31

Cyclohexane

Concen: 0.891 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX008797.D

Acq: 10 Apr 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0410MBL01

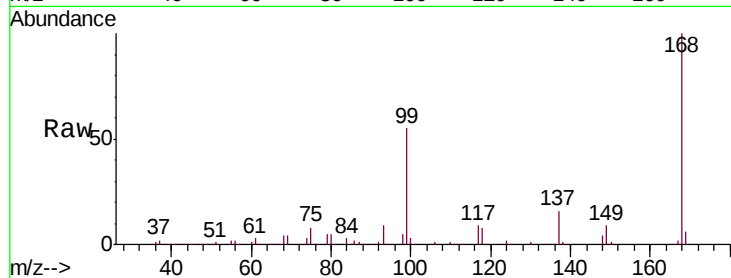
Tgt Ion: 56 Resp: 4711

Ion Ratio Lower Upper

56 100

69 178.8 22.6 33.8#

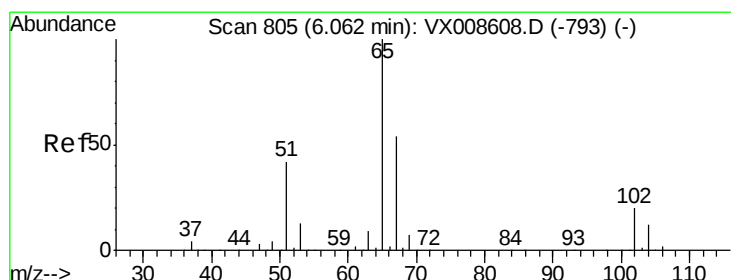
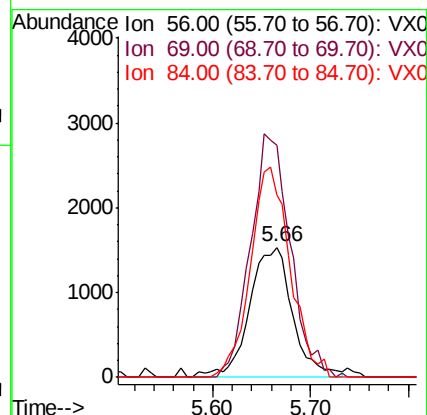
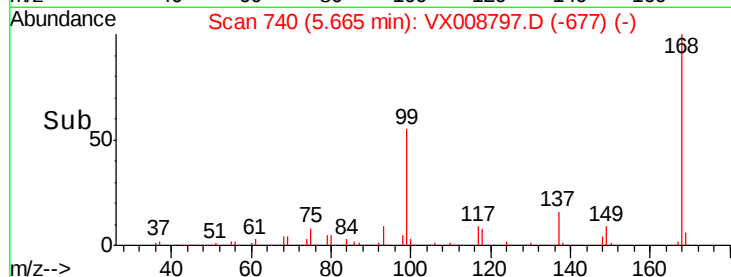
84 140.4 59.3 88.9#



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: 46.131 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008797.D

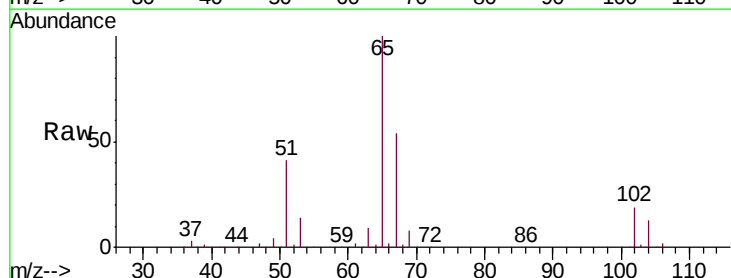
Acq: 10 Apr 2019 12:03

Tgt Ion: 65 Resp: 141175

Ion Ratio Lower Upper

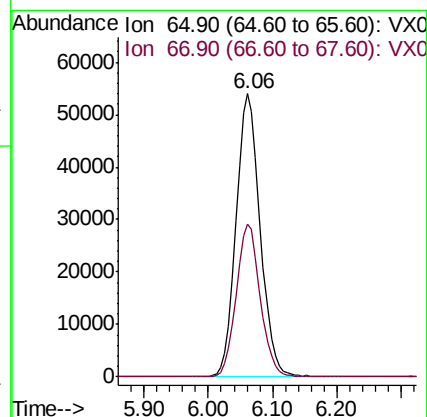
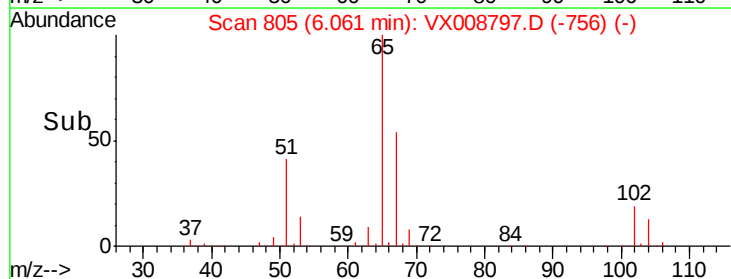
65 100

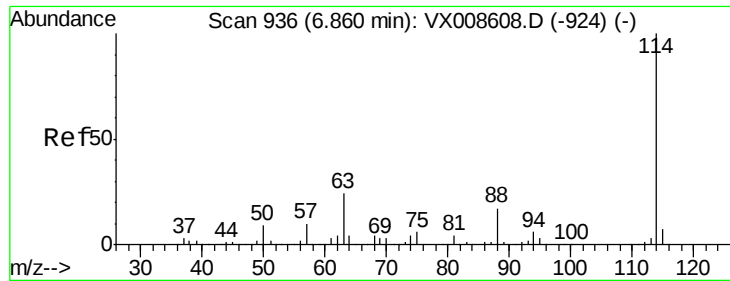
67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

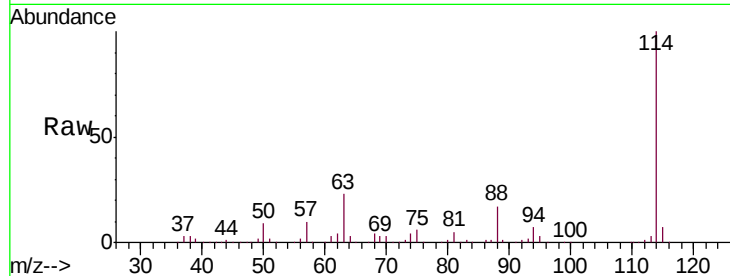




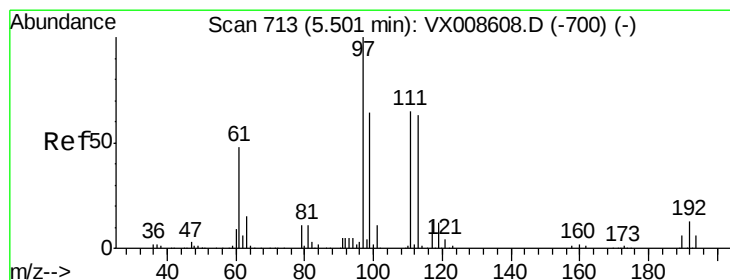
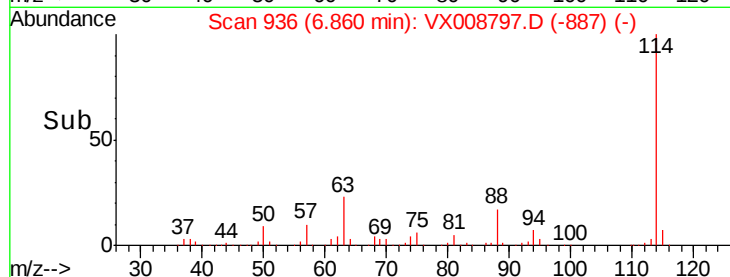
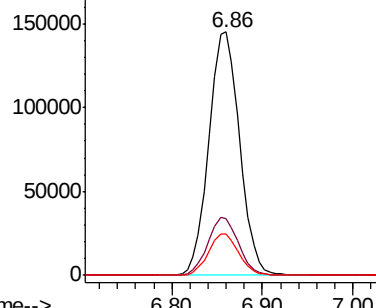
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008797.D
 Acq: 10 Apr 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410MBL01

Tgt Ion:114 Resp: 342523
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.2
 88 17.2 0.0 34.0

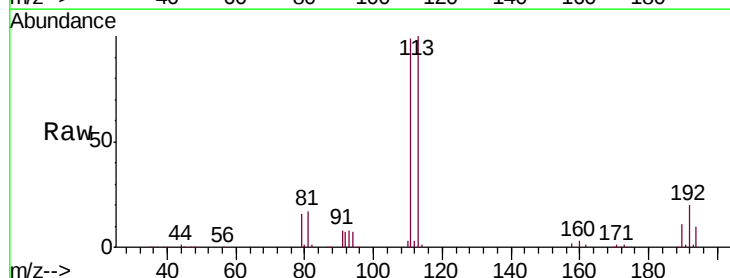


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

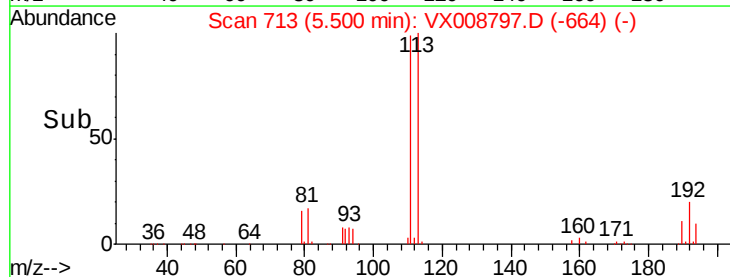
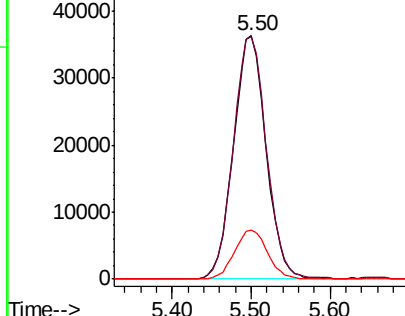


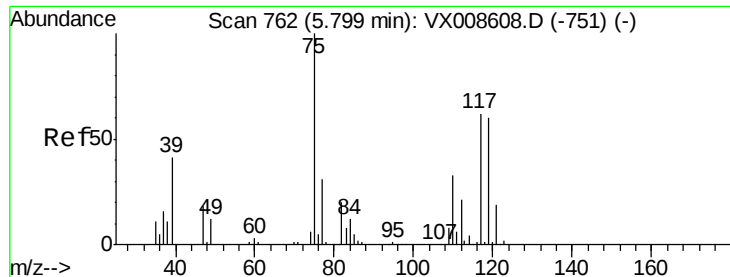
#35
 Dibromofluoromethane
 Concen: 47.717 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008797.D
 Acq: 10 Apr 2019 12:03

Tgt Ion:113 Resp: 104499
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.4 125.2
 192 20.3 16.1 24.1



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

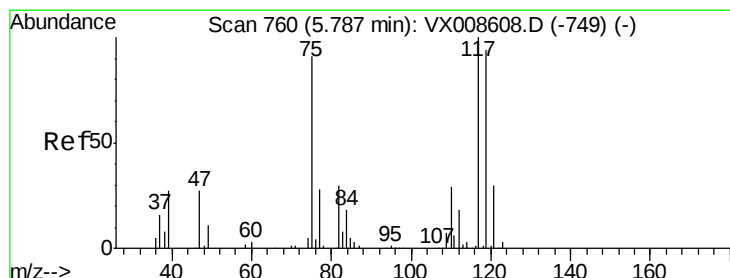
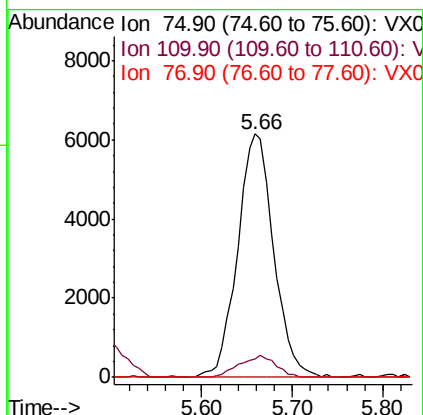
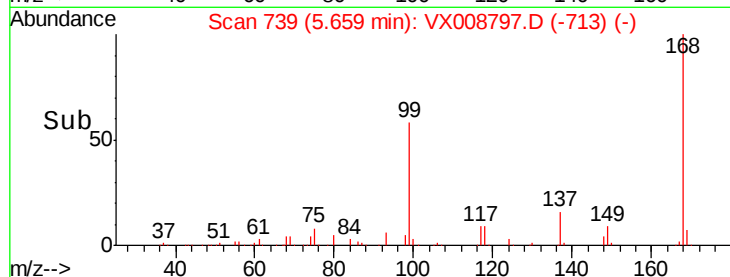
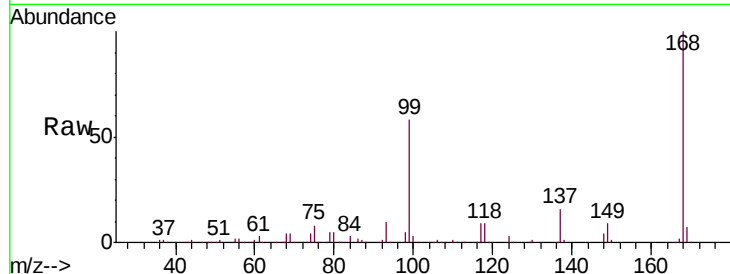




#36
 1,1-Dichloropropene
 Concen: 4.508 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008797.D
 Acq: 10 Apr 2019 12:03

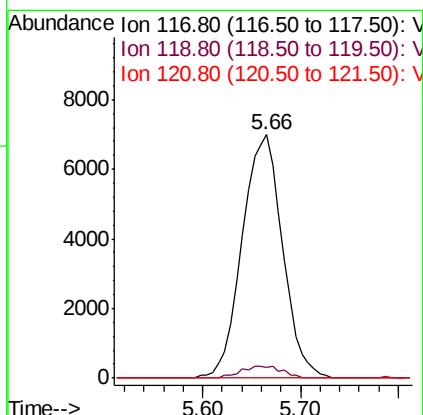
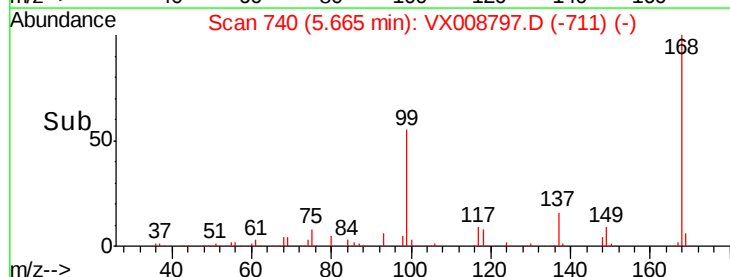
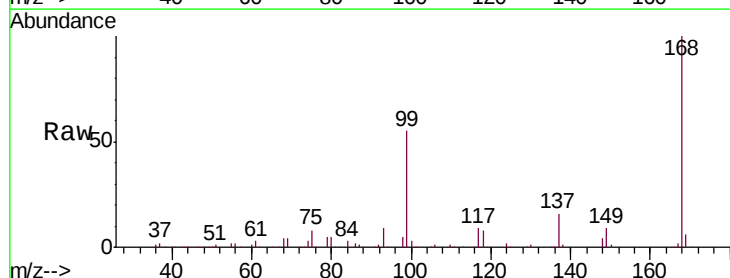
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410MBL01

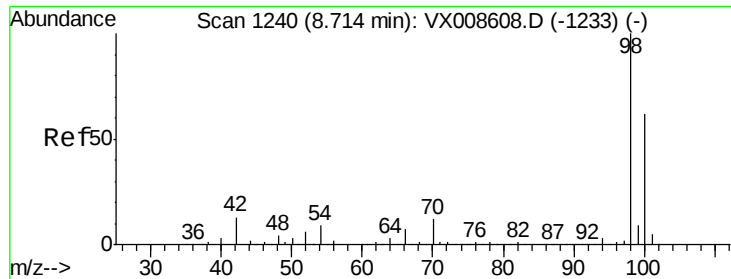
Tgt Ion: 75 Resp: 16880
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.4 49.2#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.457 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX008797.D
 Acq: 10 Apr 2019 12:03

Tgt Ion: 117 Resp: 20008
 Ion Ratio Lower Upper
 117 100
 119 4.2 75.0 112.6#
 121 0.0 24.3 36.5#

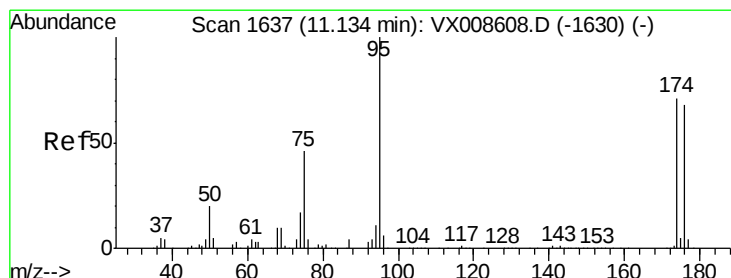
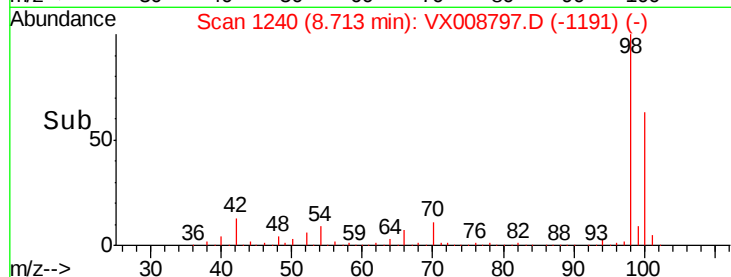
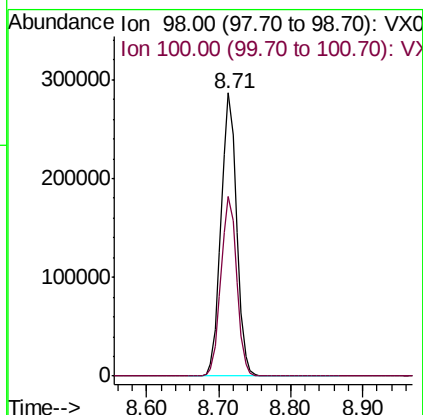
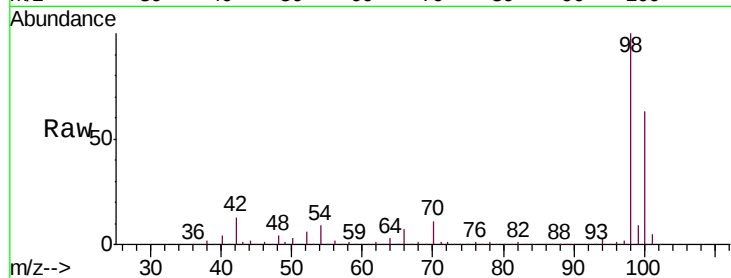




#50
Toluene-d8
Concen: 49.795 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008797.D
Acq: 10 Apr 2019 12:03

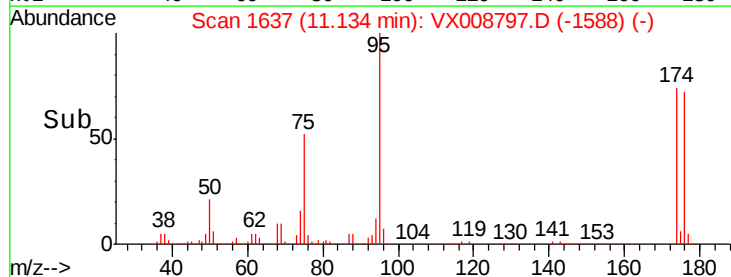
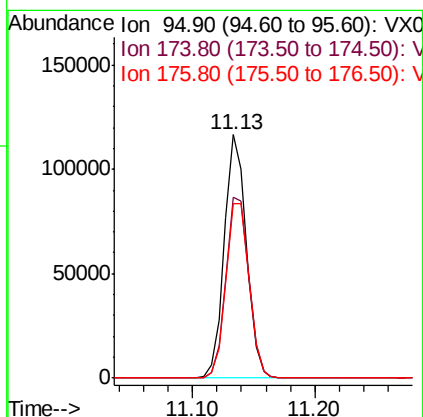
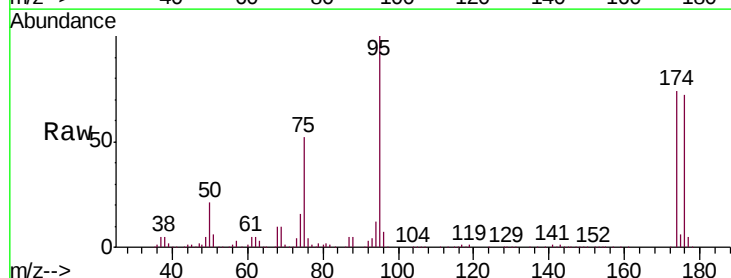
Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

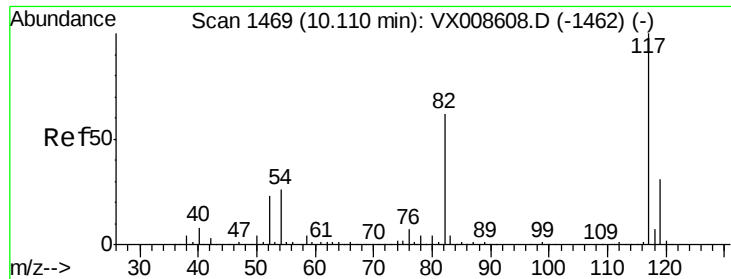
Tgt Ion: 98 Resp: 434205
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.064 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008797.D
Acq: 10 Apr 2019 12:03

Tgt Ion: 95 Resp: 145530
Ion Ratio Lower Upper
95 100
174 77.9 0.0 151.8
176 75.7 0.0 145.8

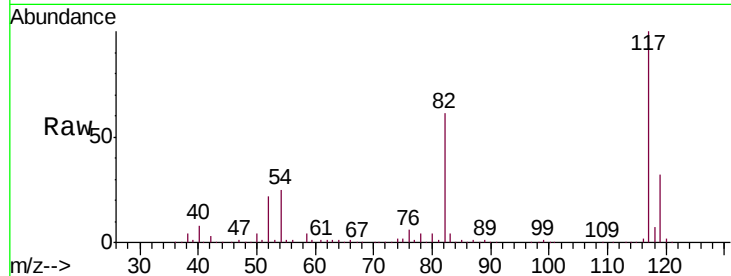




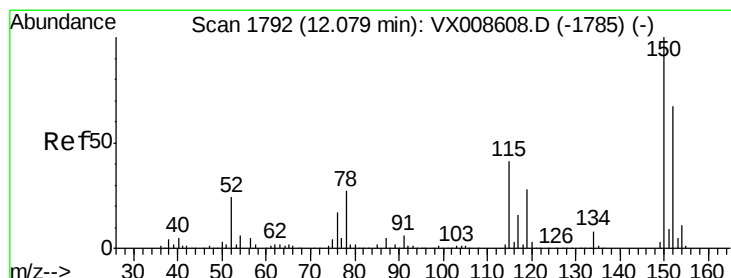
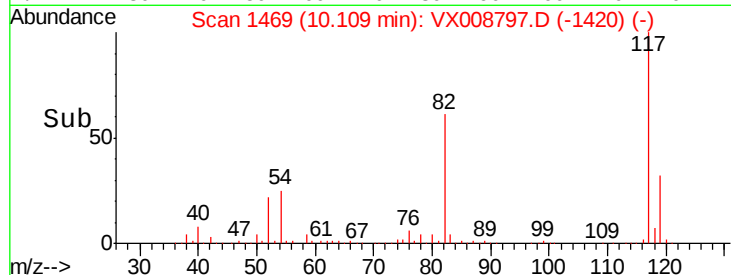
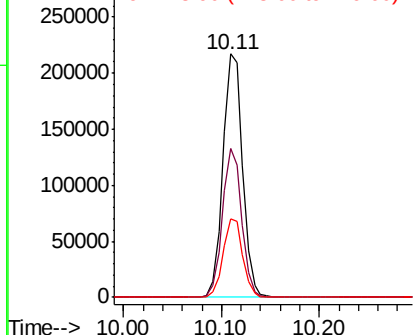
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008797.D
Acq: 10 Apr 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

Tgt Ion:117 Resp: 302439
Ion Ratio Lower Upper
117 100
82 60.9 49.6 74.4
119 32.2 25.0 37.4

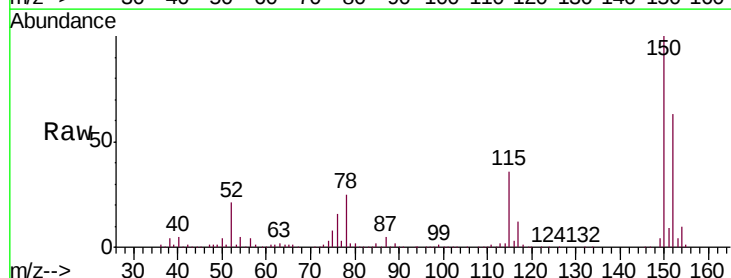


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

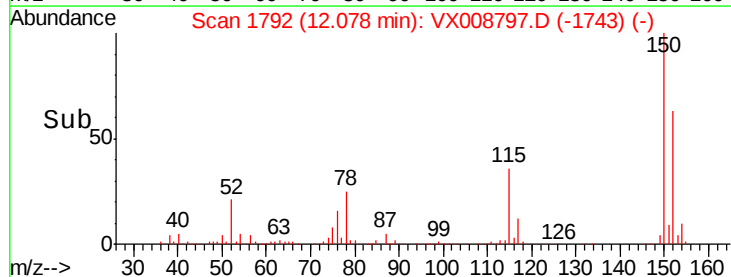
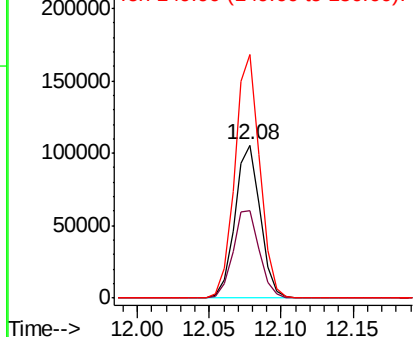


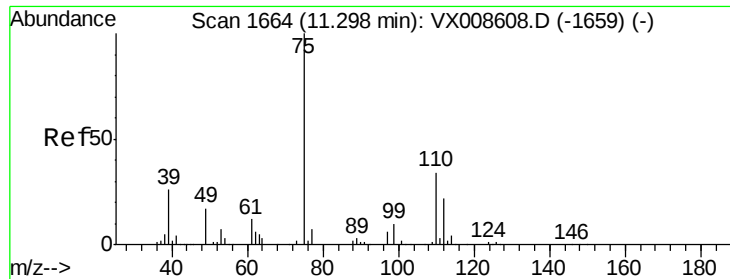
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008797.D
Acq: 10 Apr 2019 12:03

Tgt Ion:152 Resp: 129762
Ion Ratio Lower Upper
152 100
115 59.8 43.5 130.5
150 157.2 0.0 348.8



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

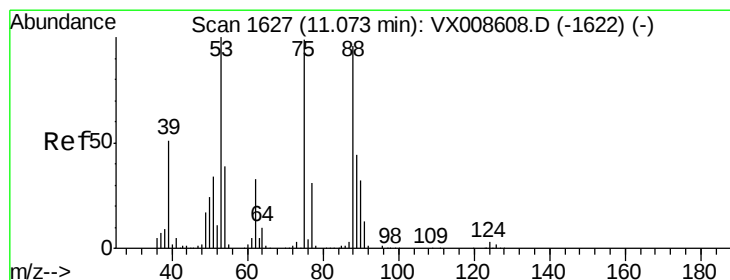
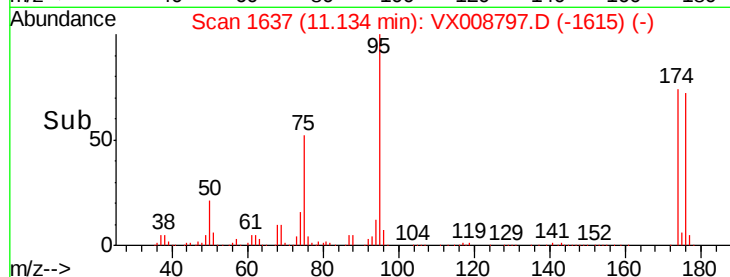
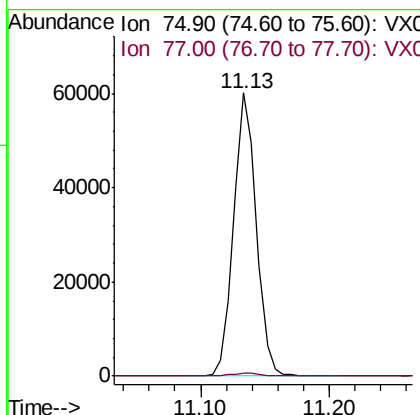
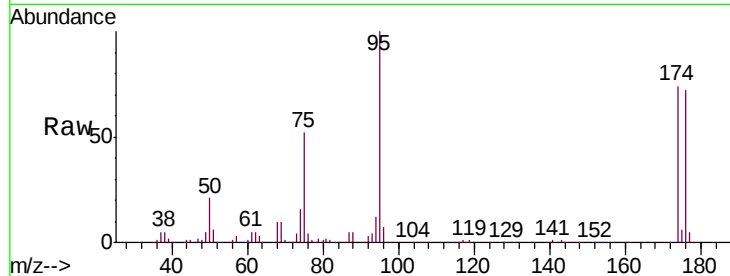




#76
 1,2,3-Trichloropropane
 Concen: 20.778 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008797.D
 Acq: 10 Apr 2019 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410MBL01

Tgt Ion: 75 Resp: 74067
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.3 66.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.275 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008797.D
 Acq: 10 Apr 2019 12:03

Tgt Ion: 75 Resp: 74067
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.3 121.9#
 89 0.0 35.6 53.4#

