

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010282.D
 Acq On : 13 Jun 2019 18:56
 Operator : JC/SP
 Sample : K3309-03 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	449672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207374	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	148231	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
35) Dibromofluoromethane	5.50	113	153463	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
50) Toluene-d8	8.71	98	584363	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	200409	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	54808	19.375	ug/l	100
5) Bromomethane	1.66	94	469	0.439	ug/l #	59
6) Chloroethane	1.73	64	5319	3.729	ug/l	95
8) Diethyl Ether	2.19	74	474	0.327	ug/l	57
10) Methyl Iodide	2.52	142	1071	0.239	ug/l	97
11) Tert butyl alcohol	3.02	59	11396	14.470	ug/l #	78
13) Acrolein	2.31	56	292	2.033	ug/l #	14
16) Acetone	2.44	43	51581	34.111	ug/l #	87
20) Methylene Chloride	2.85	84	1063	0.320	ug/l #	68
21) trans-1,2-Dichloroethene	3.17	96	949	0.290	ug/l #	53
24) 1,1-Dichloroethane	3.70	63	137618	26.547	ug/l	93
25) 2-Butanone	4.67	43	665650	295.619	ug/l #	83
27) cis-1,2-Dichloroethene	4.60	96	10810	2.968	ug/l	73
29) Tetrahydrofuran	5.14	42	8930	6.311	ug/l #	84
36) 1,1-Dichloropropene	5.66	75	19935	4.877	ug/l #	53
37) Ethyl Acetate	4.67	43	665650	156.523	ug/l #	71
38) Carbon Tetrachloride	5.66	117	29102	6.290	ug/l #	16
40) Benzene	6.15	78	3801	0.301	ug/l #	79
41) Methacrylonitrile	5.13	41	17504	7.609	ug/l #	50
49) 1,4-Dioxane	7.74	88	31241	329.509	ug/l #	74
51) 4-Methyl-2-Pentanone	8.64	43	188629	44.406	ug/l	89
52) Toluene	8.79	92	878525	105.744	ug/l	99
53) t-1,3-Dichloropropene	8.78	75	9028	1.762	ug/l #	1
56) Ethyl methacrylate	9.09	69	5535	1.030	ug/l #	77
59) 2-Hexanone	9.30	43	766	0.226	ug/l	98
65) Chlorobenzene	10.13	112	8357	0.900	ug/l	95
67) Ethyl Benzene	10.25	91	13015	0.824	ug/l	90
68) m/p-Xylenes	10.35	106	10910	1.784	ug/l	86
69) o-Xylene	10.69	106	4903	0.807	ug/l	90
76) 1,2,3-Trichloropropane	11.13	75	91407	22.037	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	91407	48.689	ug/l #	10
86) p-Isopropyltoluene	12.06	119	3818	0.290	ug/l #	77
87) 1,3-Dichlorobenzene	12.02	146	2790	0.398	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	12996	1.839	ug/l	86

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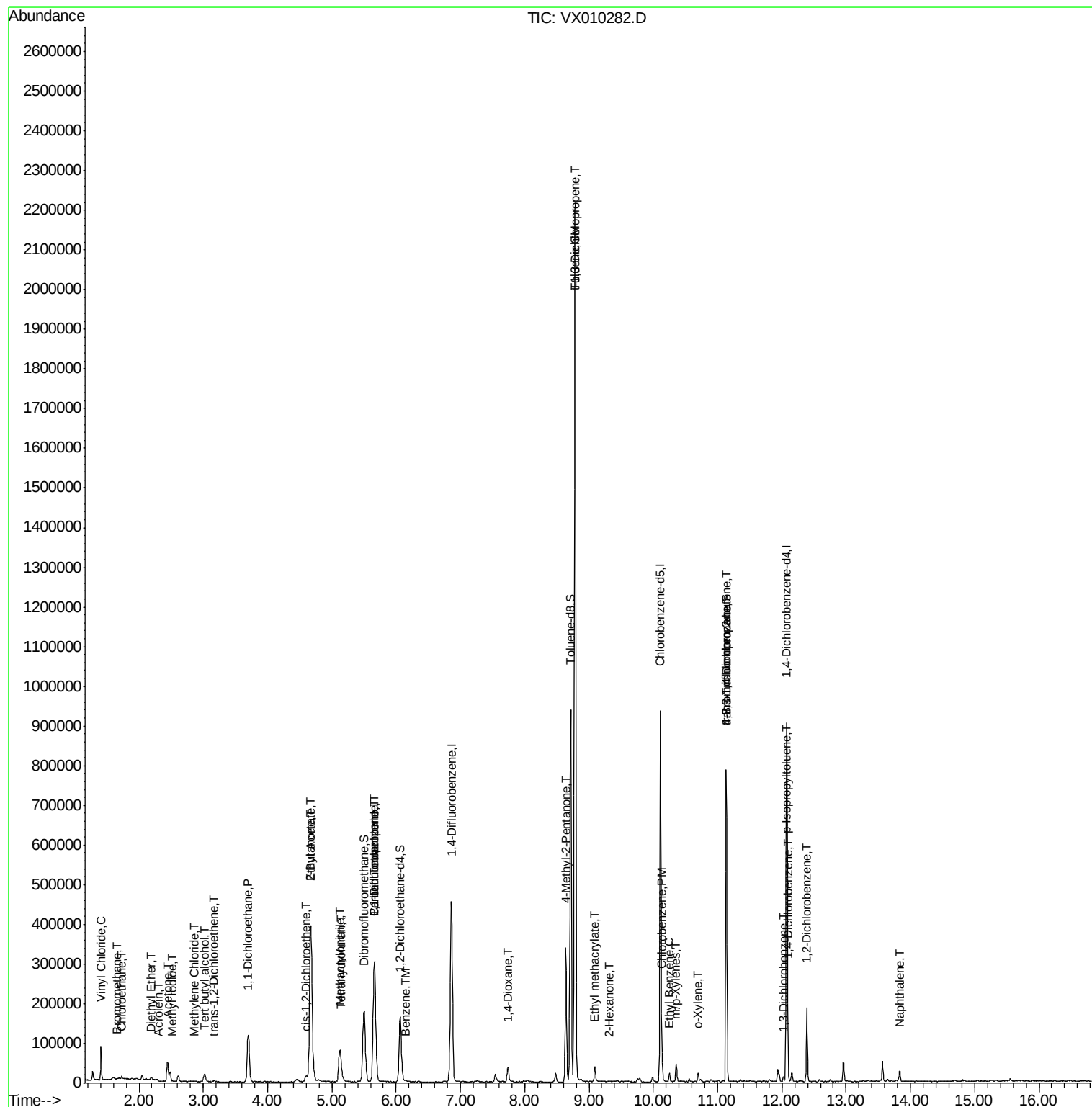
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.39	146	63779	9.356	ug/l	96
95) Naphthalene	13.83	128	16908	1.076	ug/l	97

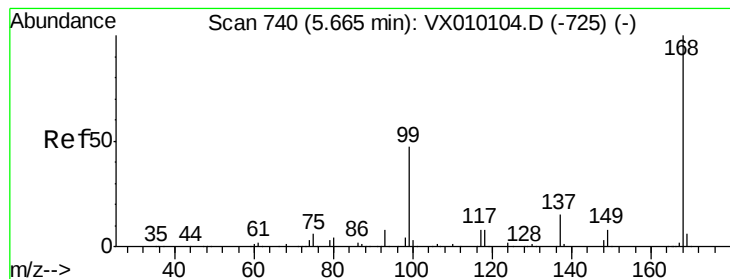
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

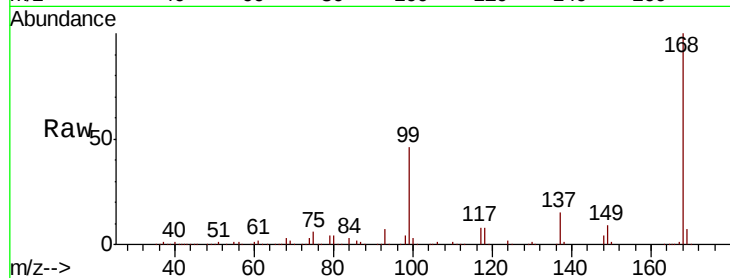
ClientSampleId :

Tot Ion:168 Resp: 329366

Ion Ratio Lower Upper

168 100

99 45.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

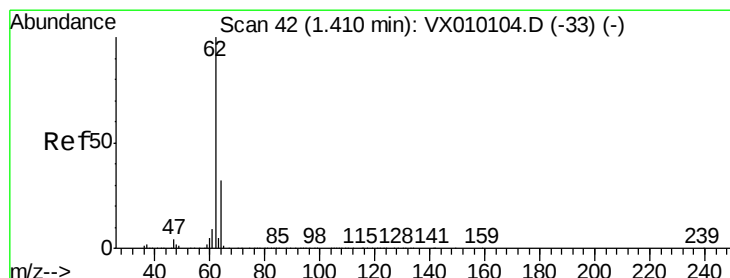
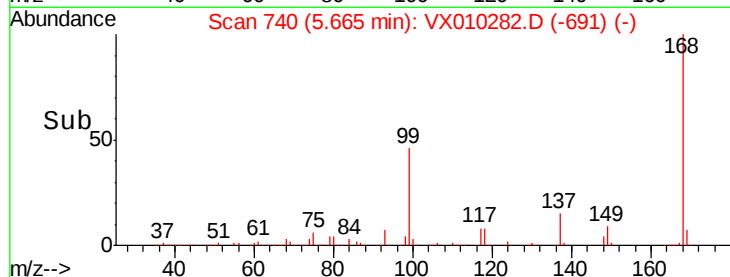
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 19.375 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010282.D

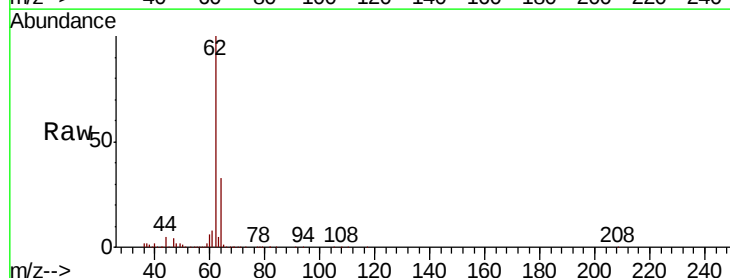
Acq: 13 Jun 2019 18:56

Tgt Ion: 62 Resp: 54808

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

60000

50000

40000

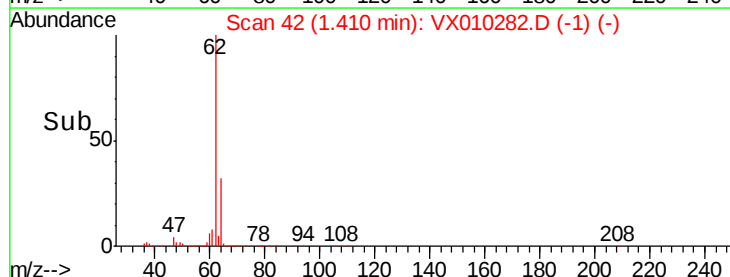
30000

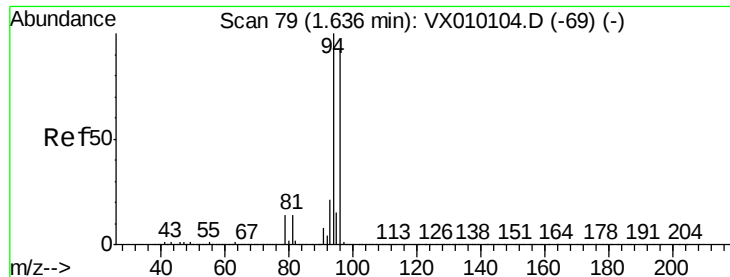
20000

10000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 0.439 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

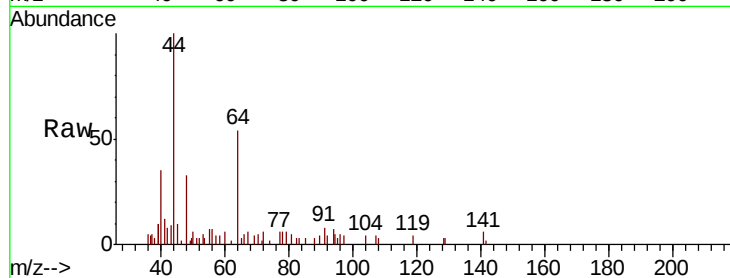
ClientSampled :

Tot Ion: 94 Resp: 469

Ion Ratio Lower Upper

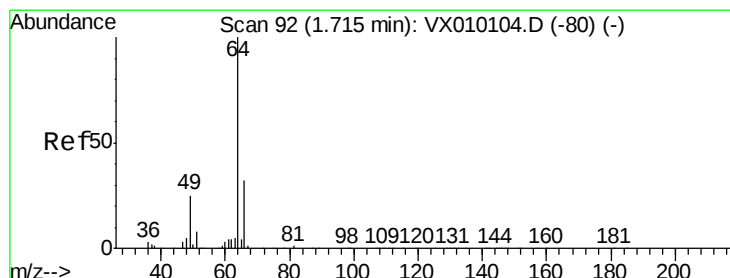
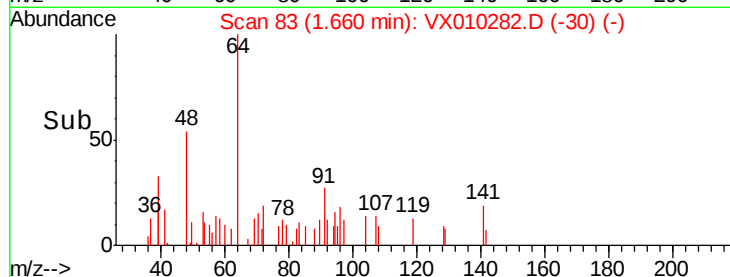
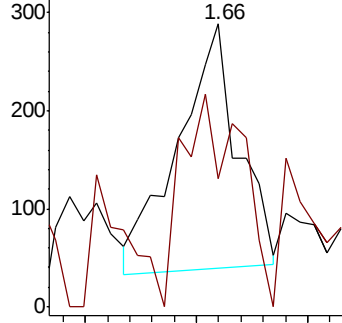
94 100

96 55.5 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 3.729 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010282.D

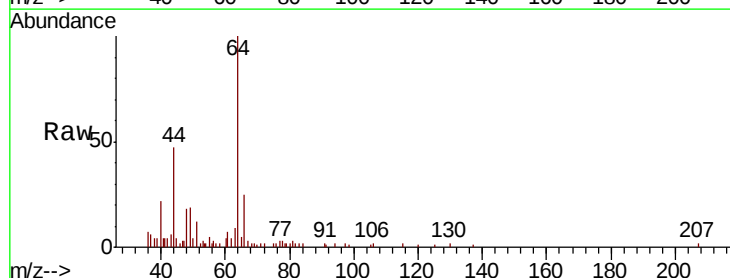
Acq: 13 Jun 2019 18:56

Tgt Ion: 64 Resp: 5319

Ion Ratio Lower Upper

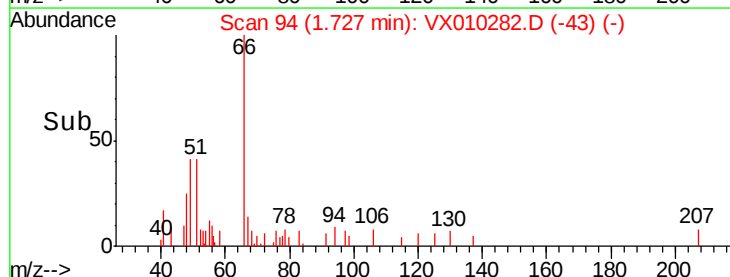
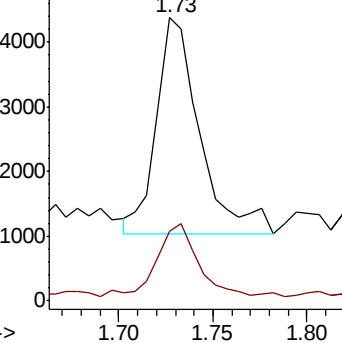
64 100

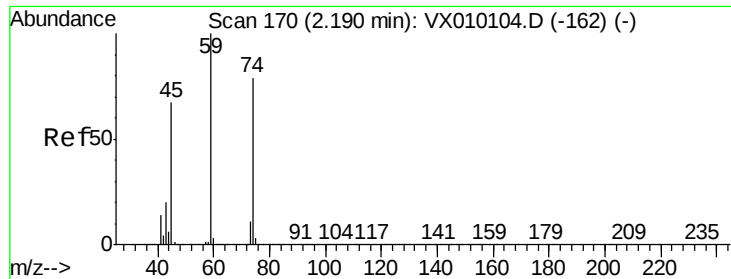
66 28.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.327 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

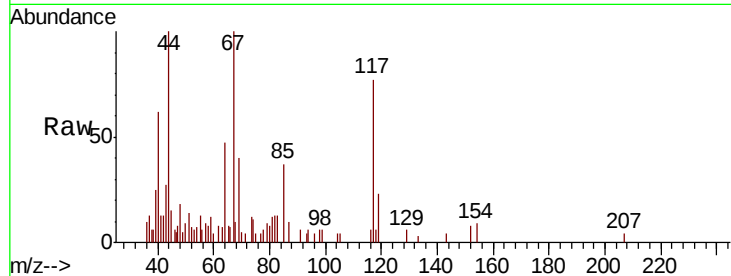
ClientSampleId :

Tot Ion: 74 Resp: 474

Ion Ratio Lower Upper

74 100

45 66.5 56.1 168.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

600

400

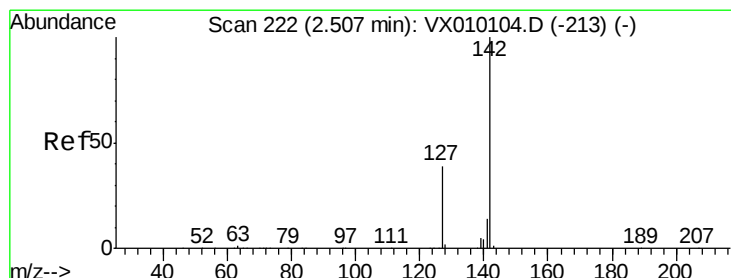
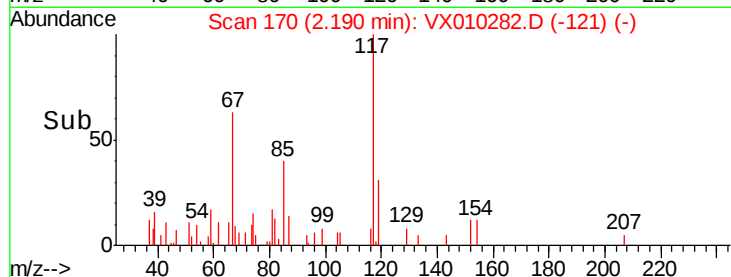
200

0

2.15 2.20 2.25

2.19

Time-->



#10

Methyl Iodide

Concen: 0.239 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

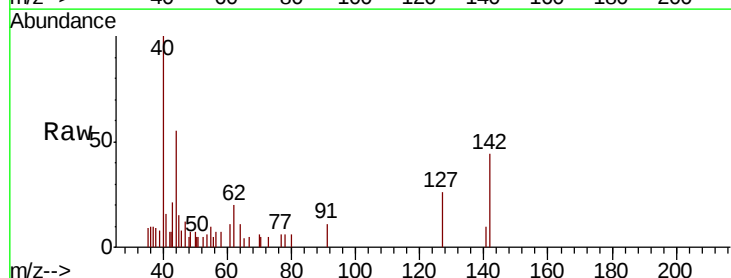
Tgt Ion:142 Resp: 1071

Ion Ratio Lower Upper

142 100

127 43.6 33.0 49.4

141 14.5 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

600

400

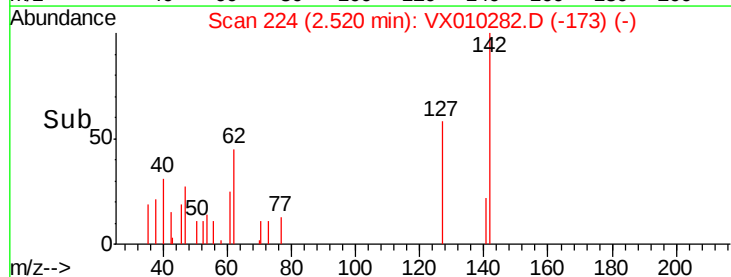
200

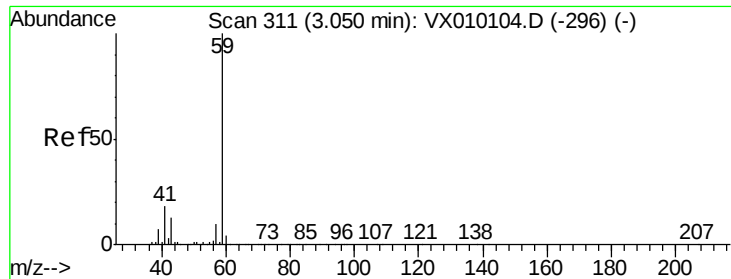
0

2.45 2.50 2.55 2.60

2.52

Time-->



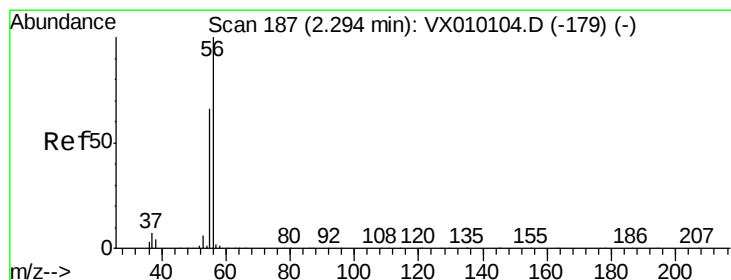
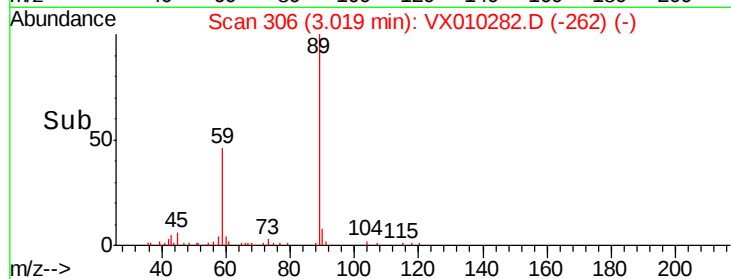
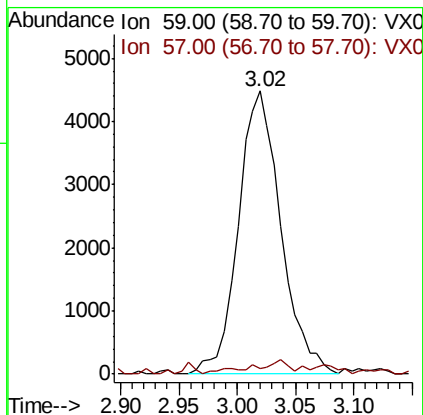
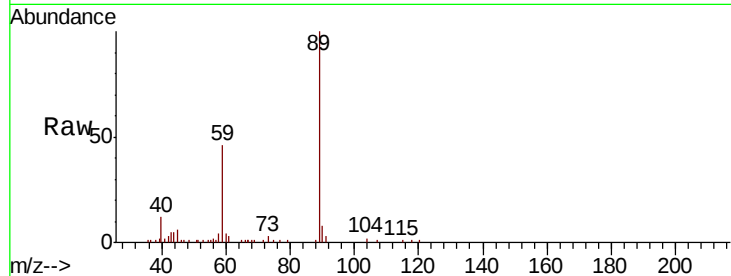


#11

Tert butyl alcohol
 Concen: 14.470 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010282.D
 Acq: 13 Jun 2019 18:56

Instrument :
 MSVOA_X
 ClientSampled :

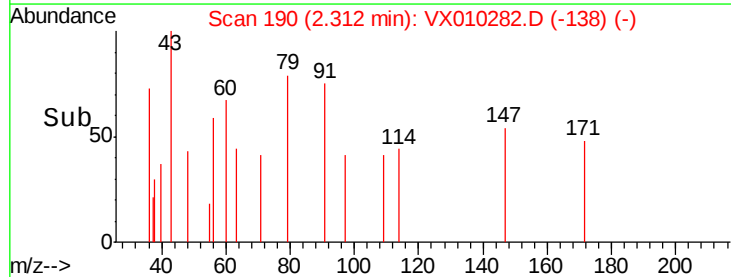
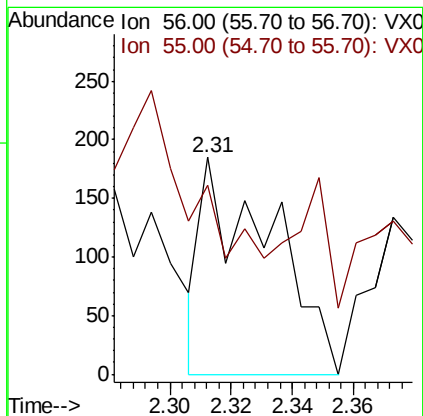
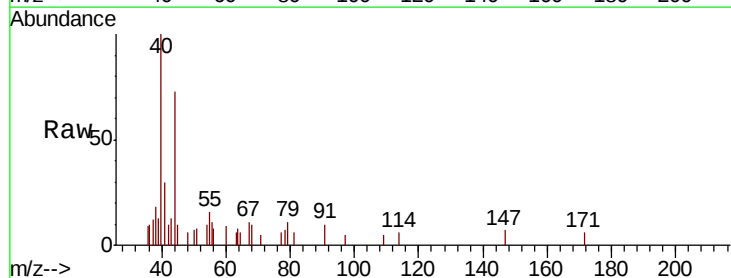
Tot Ion: 59 Resp: 11396
 Ion Ratio Lower Upper
 59 100
 57 2.1 8.2 12.2#

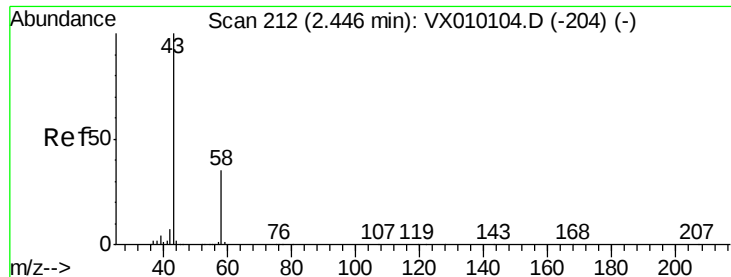


#13

Acrolein
 Concen: 2.033 ug/l
 RT: 2.31 min Scan# 190
 Delta R.T. 0.02 min
 Lab File: VX010282.D
 Acq: 13 Jun 2019 18:56

Tgt Ion: 56 Resp: 292
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.0 85.4#

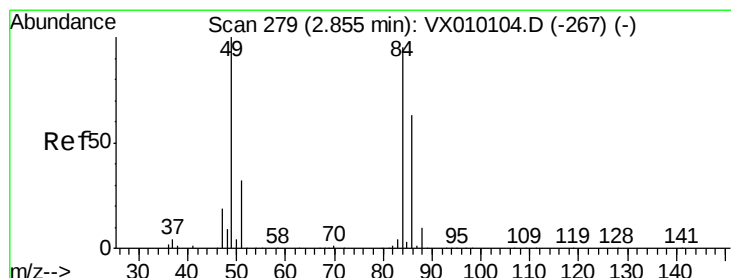
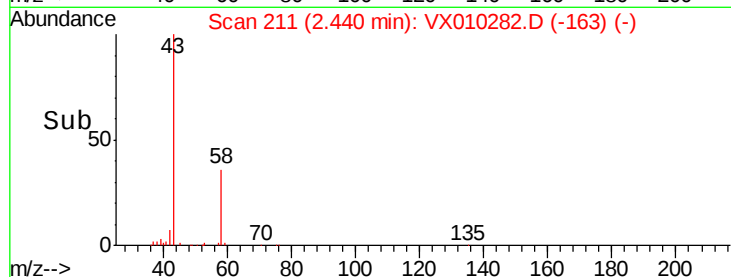
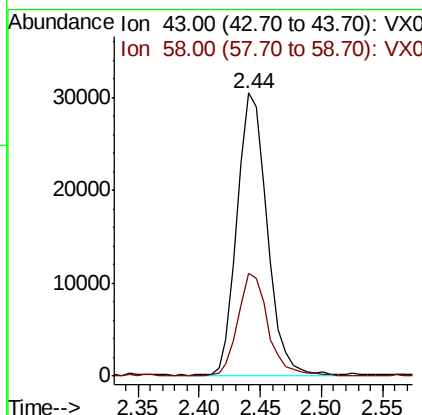
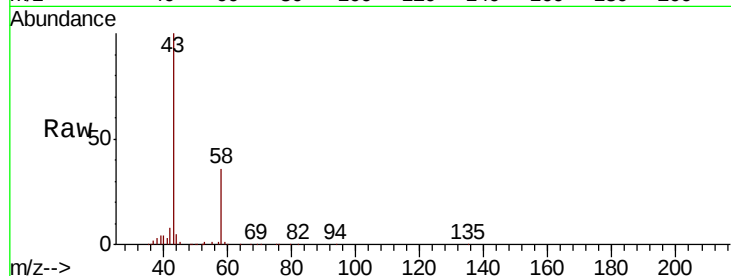




#16
Acetone
Concen: 34.111 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

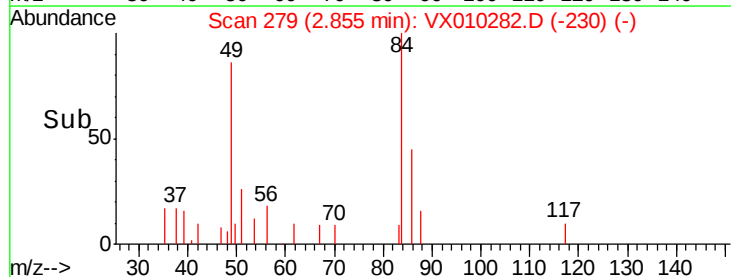
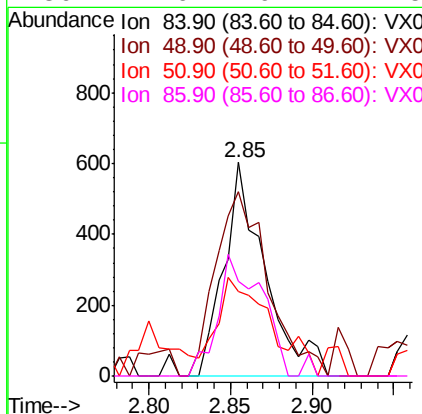
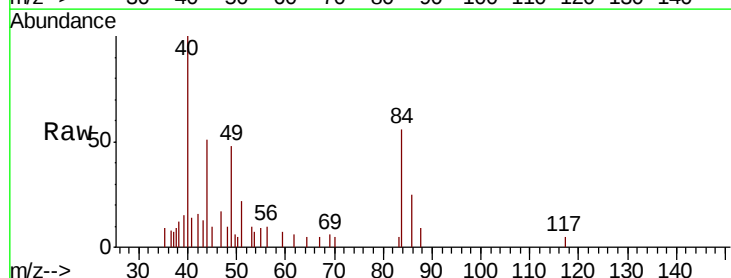
Instrument :
MSVOA_X
ClientSampleId :

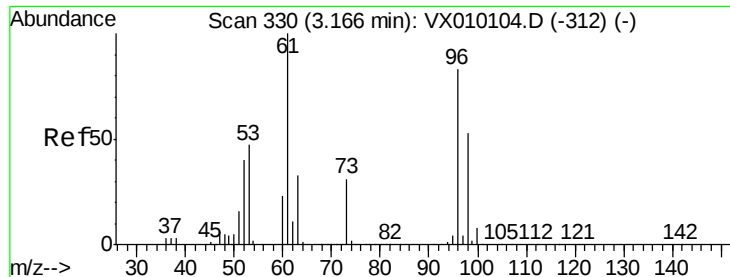
Tot Ion: 43 Resp: 51581
Ion Ratio Lower Upper
43 100
58 36.2 23.2 34.8#



#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Tgt Ion: 84 Resp: 1063
Ion Ratio Lower Upper
84 100
49 96.4 115.8 173.6#
51 29.9 34.4 51.6#
86 44.6 49.7 74.5#





#21

trans-1,2-Dichloroethene

Concen: 0.290 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

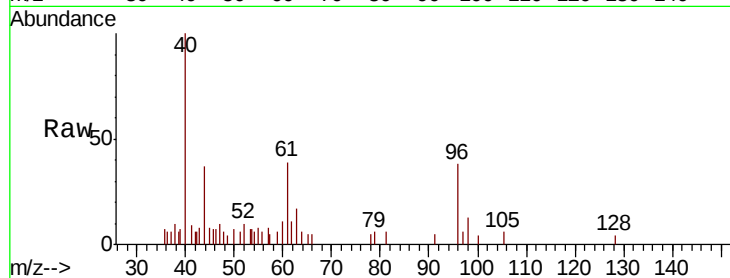
Tot Ion: 96 Resp: 949

Ion Ratio Lower Upper

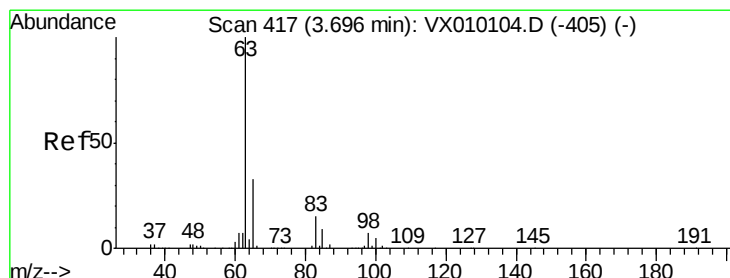
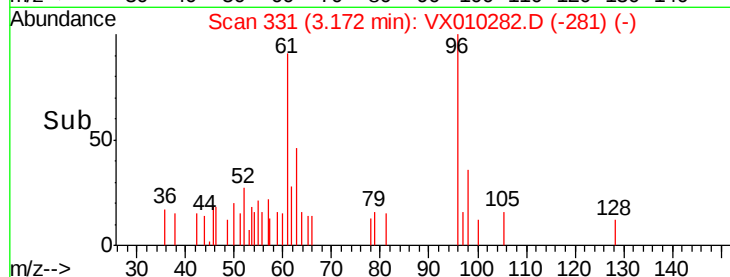
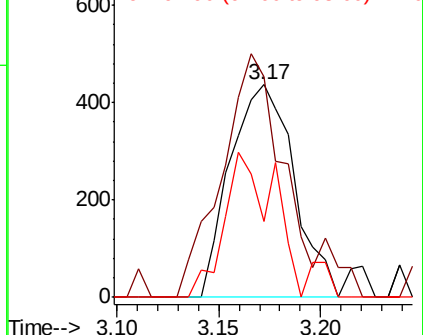
96 100

61 89.7 125.7 188.5#

98 35.8 49.0 73.6#



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#24

1,1-Dichloroethane

Concen: 26.547 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

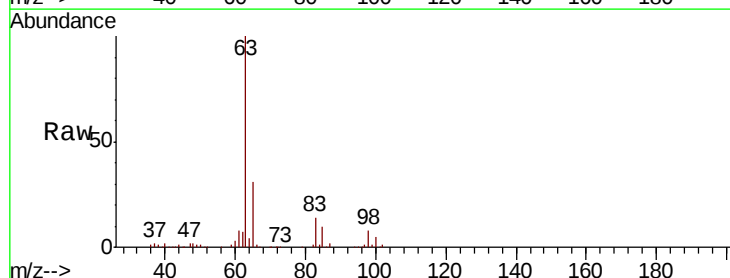
Tgt Ion: 63 Resp: 137618

Ion Ratio Lower Upper

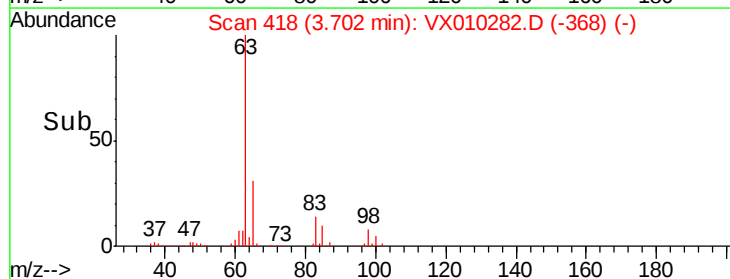
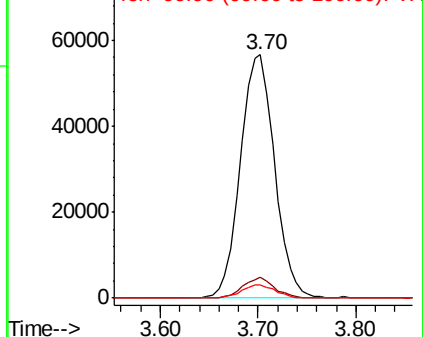
63 100

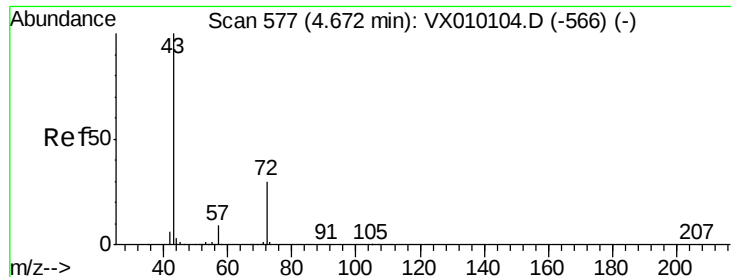
98 8.4 2.9 8.8

100 5.3 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 295.619 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

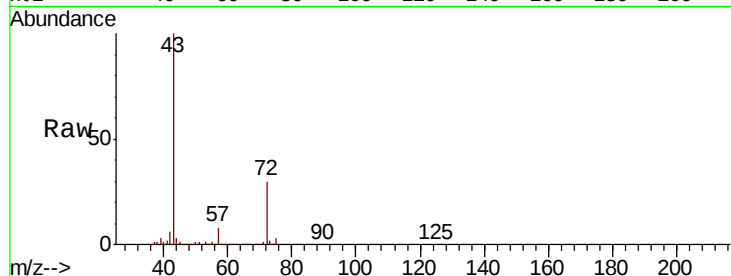
ClientSampleId :

Tot Ion: 43 Resp: 665650

Ion Ratio Lower Upper

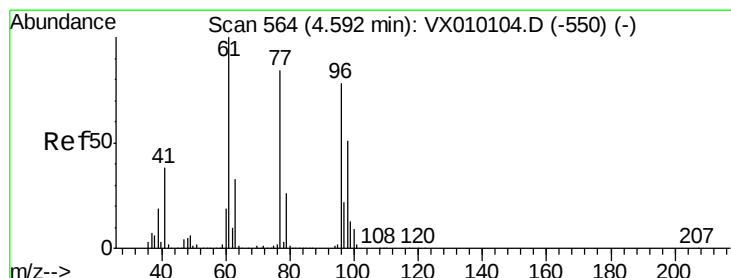
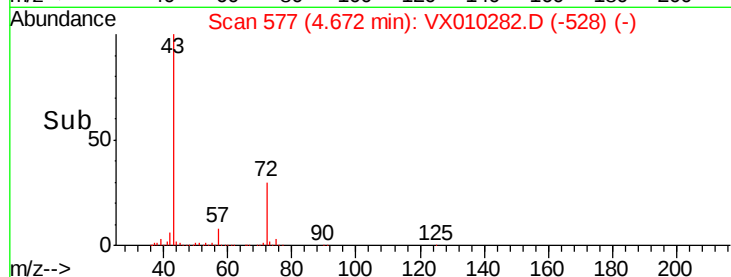
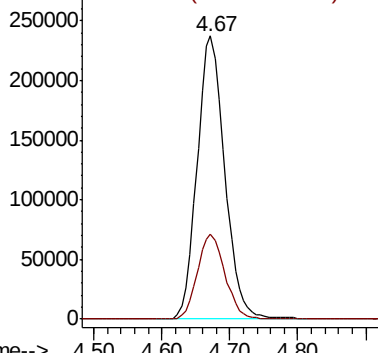
43 100

72 29.9 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.968 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

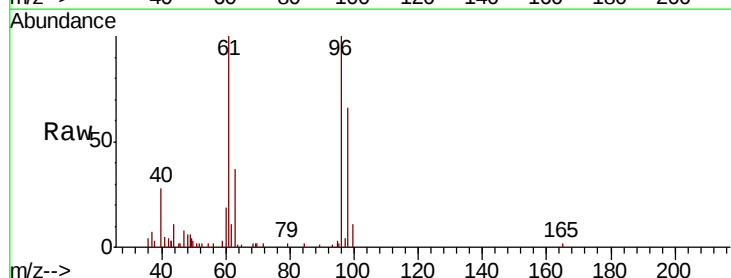
Tgt Ion: 96 Resp: 10810

Ion Ratio Lower Upper

96 100

61 117.4 0.0 334.0

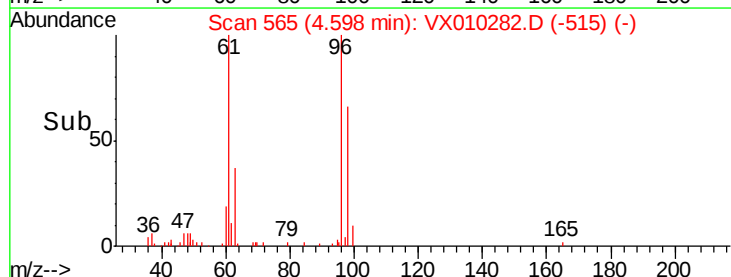
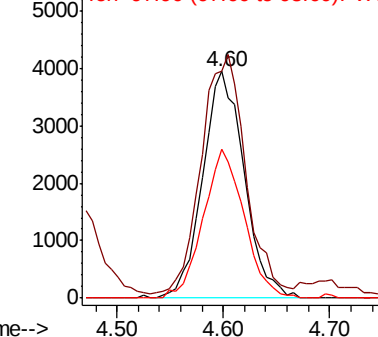
98 64.7 0.0 131.6

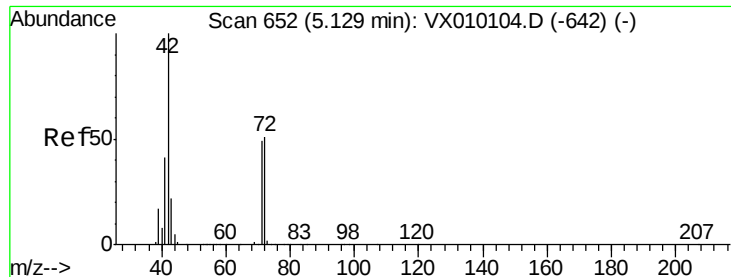


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

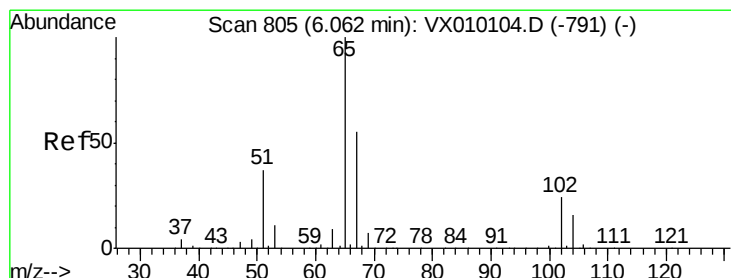
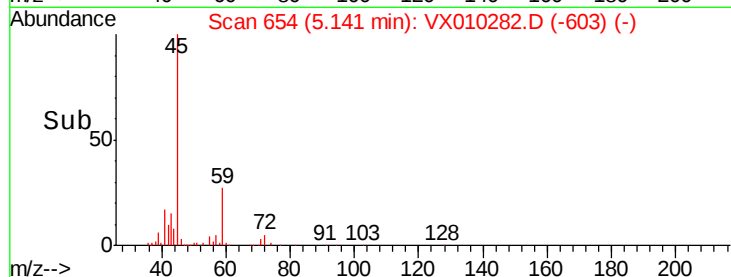
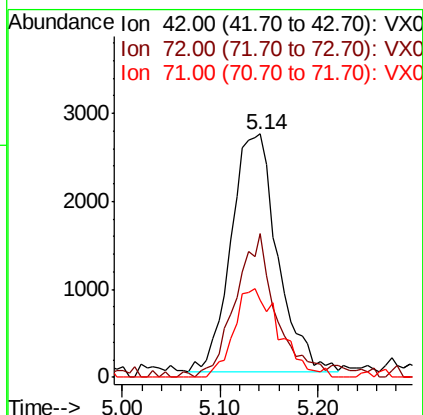
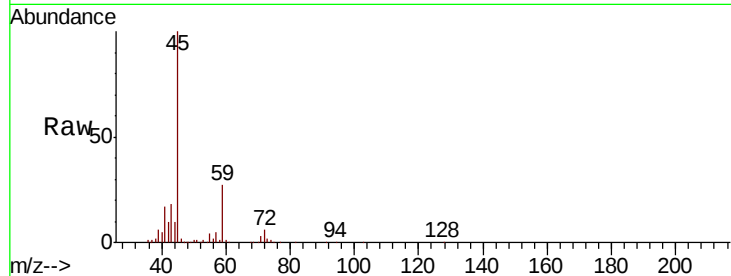




#29
Tetrahydrofuran
Concen: 6.311 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

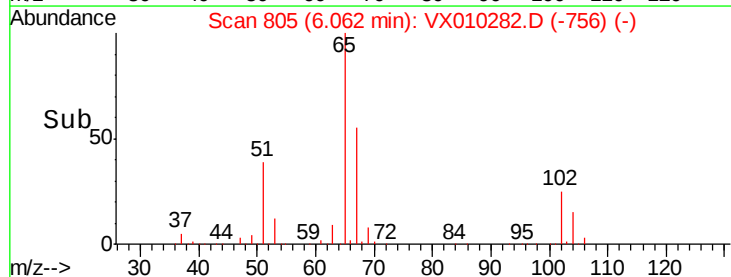
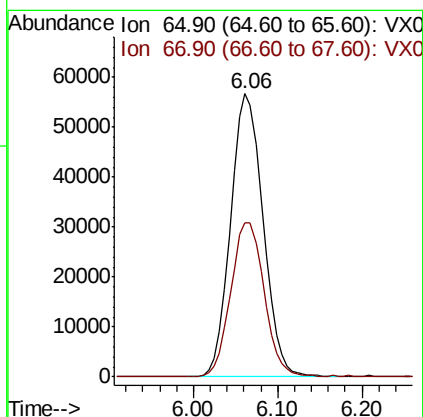
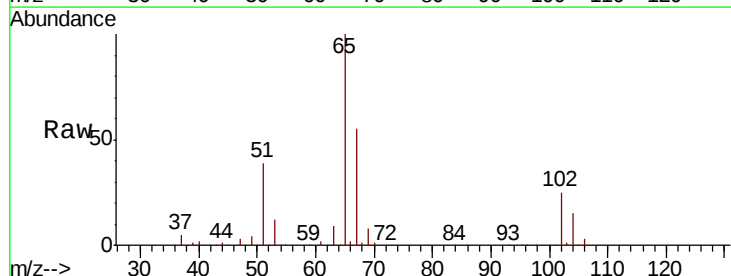
Instrument :
MSVOA_X
ClientSampleId :

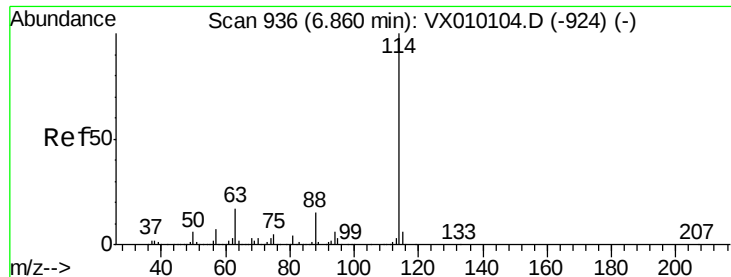
Tot Ion: 42 Resp: 8930
Ion Ratio Lower Upper
42 100
72 52.7 29.2 43.8#
71 36.8 27.6 41.4



#33
1,2-Dichloroethane-d4
Concen: 46.106 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Tgt Ion: 65 Resp: 148231
Ion Ratio Lower Upper
65 100
67 56.1 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: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

ClientSampled :

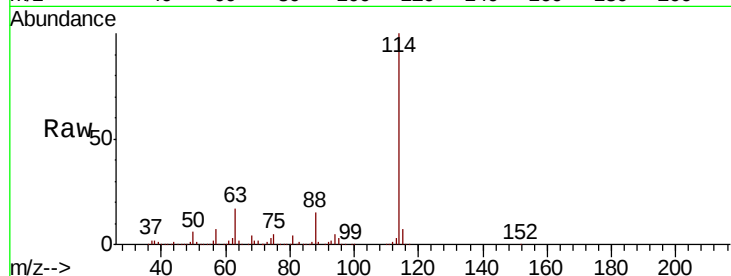
Tot Ion:114 Resp: 500989

Ion Ratio Lower Upper

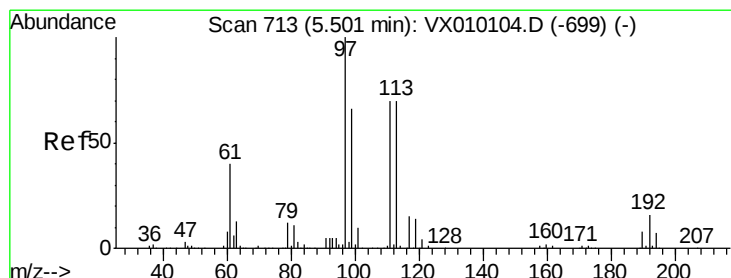
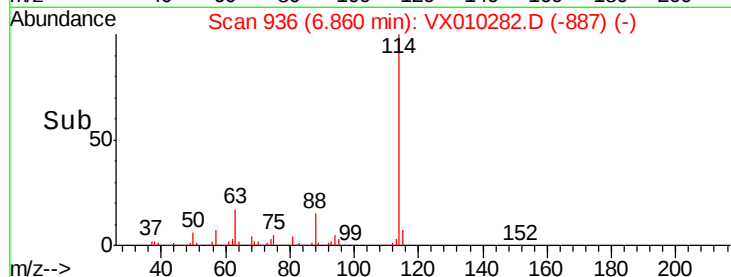
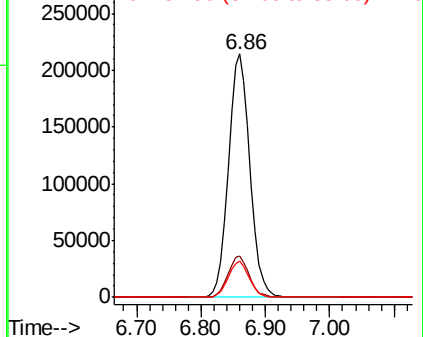
114 100

63 17.1 0.0 47.4

88 14.9 0.0 33.0



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: 49.661 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

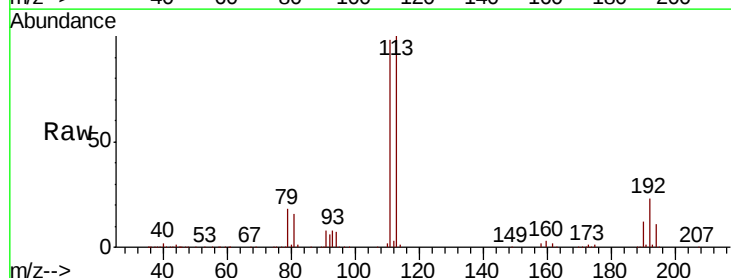
Tgt Ion:113 Resp: 153463

Ion Ratio Lower Upper

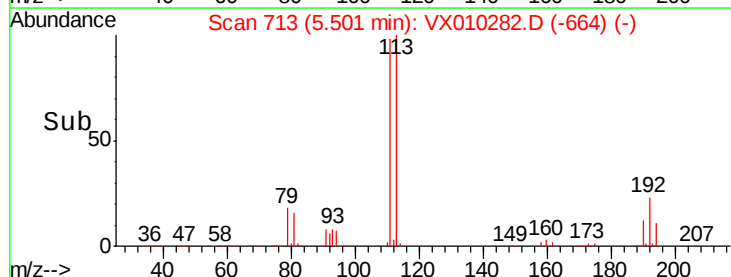
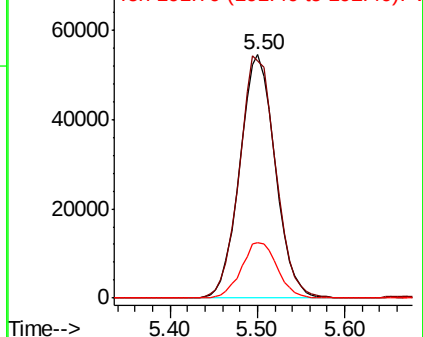
113 100

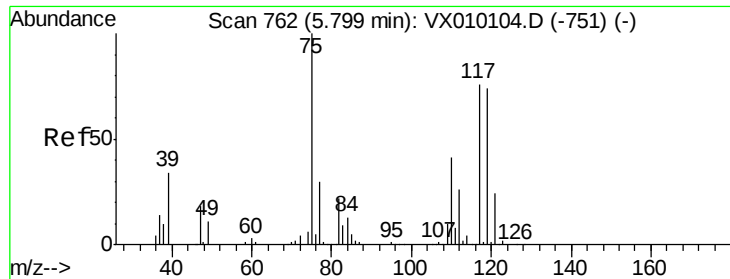
111 101.6 82.2 123.2

192 23.2 17.1 25.7



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

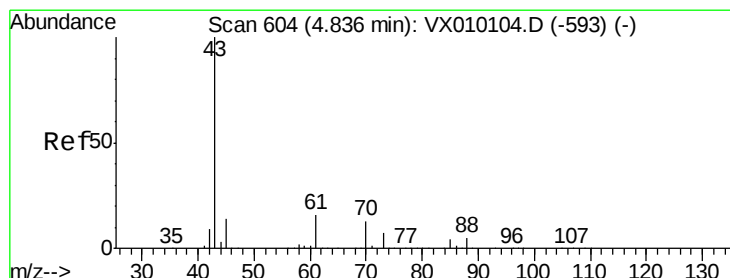
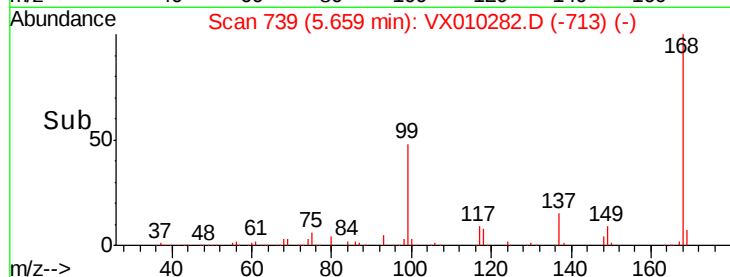
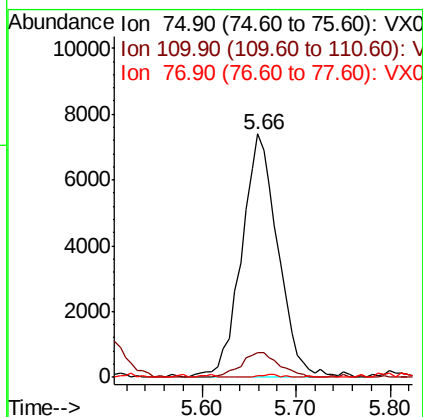
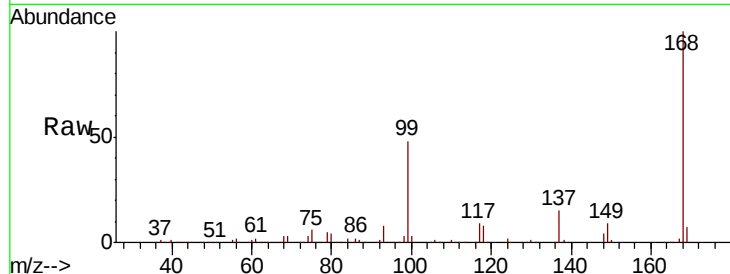




#36
 1,1-Dichloropropene
 Concen: 4.877 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010282.D
 Acq: 13 Jun 2019 18:56

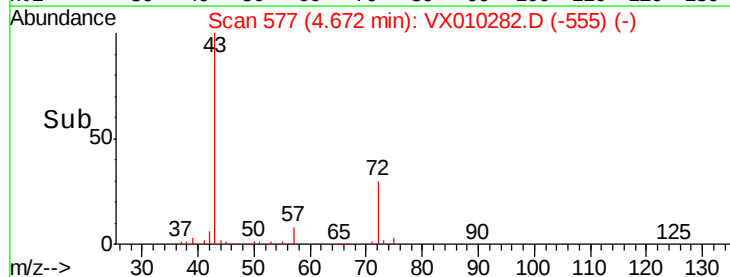
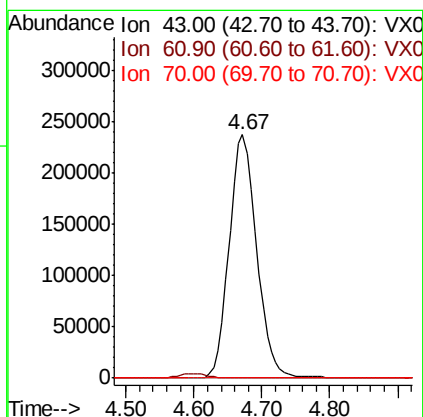
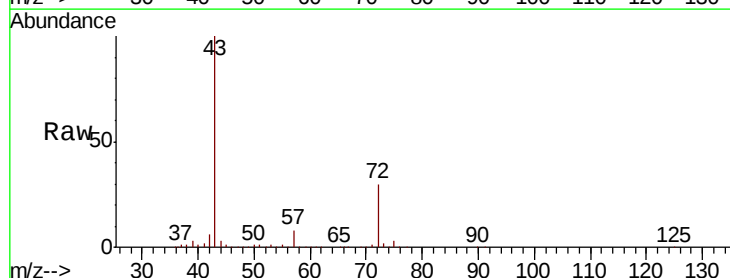
Instrument :
 MSVOA_X
 ClientSampled :

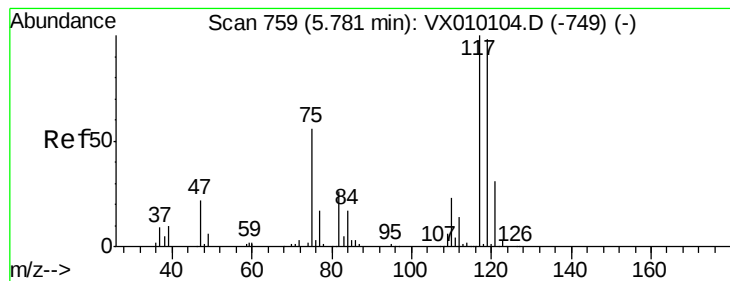
Tot Ion: 75 Resp: 19935
 Ion Ratio Lower Upper
 75 100
 110 10.7 16.7 50.1#
 77 0.6 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 156.523 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.16 min
 Lab File: VX010282.D
 Acq: 13 Jun 2019 18:56

Tgt Ion: 43 Resp: 665650
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.2#
 70 0.1 7.4 11.2#





#38

Carbon Tetrachloride

Concen: 6.290 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

ClientSampled :

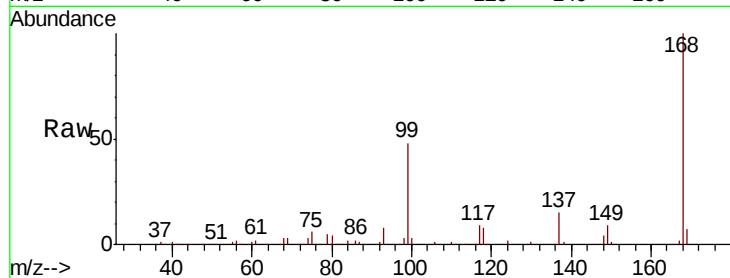
Tot Ion:117 Resp: 29102

Ion Ratio Lower Upper

117 100

119 5.4 77.3 115.9#

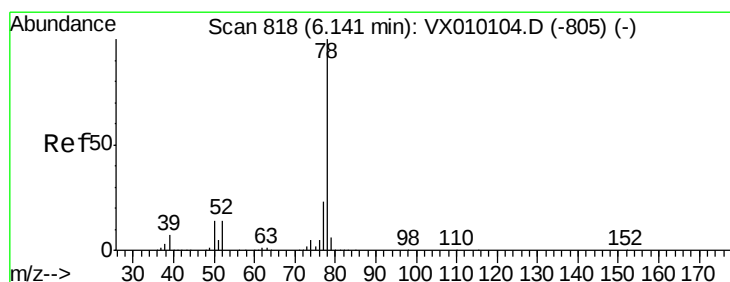
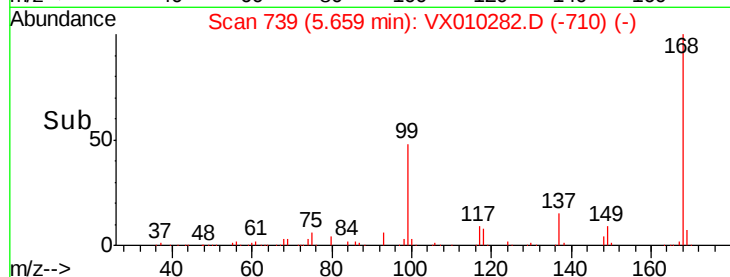
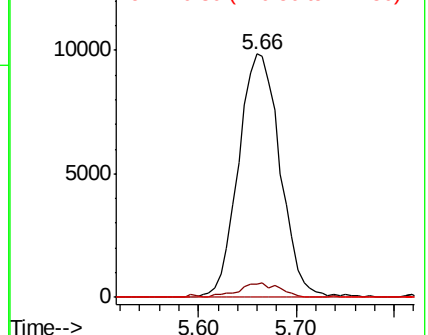
121 0.0 25.4 38.0#



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



#40

Benzene

Concen: 0.301 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010282.D

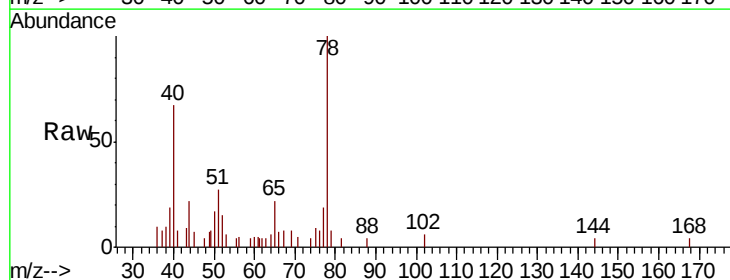
Acq: 13 Jun 2019 18:56

Tgt Ion: 78 Resp: 3801

Ion Ratio Lower Upper

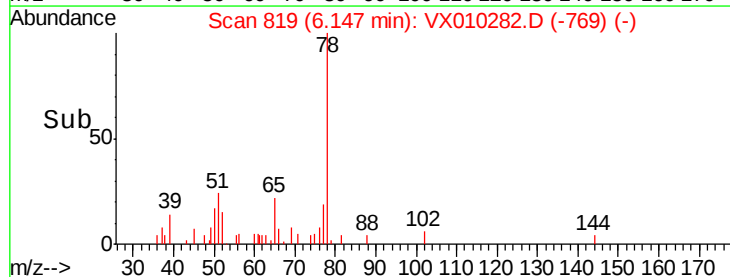
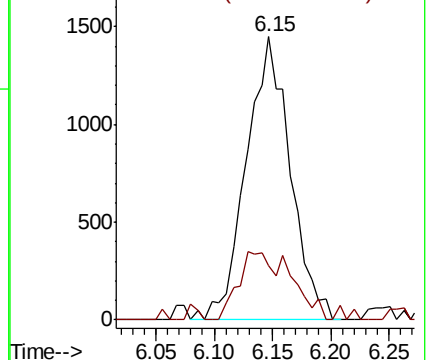
78 100

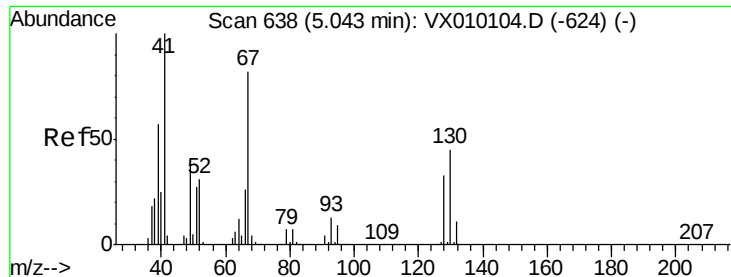
77 13.7 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

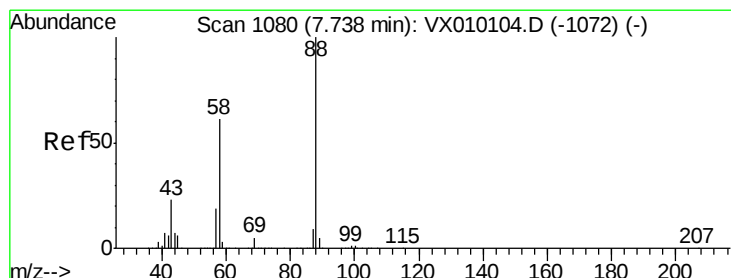
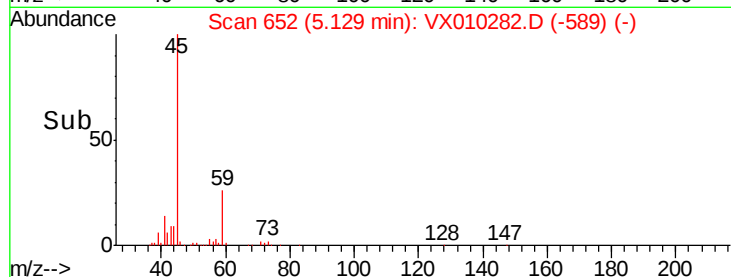
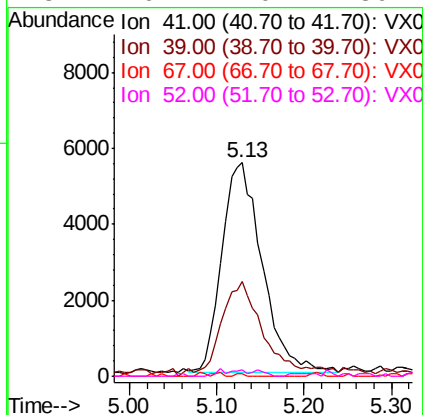
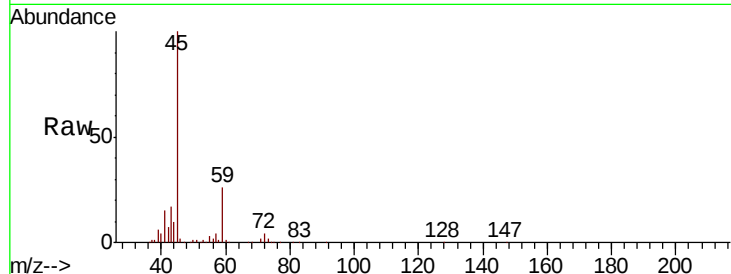




#41
Methacrylonitrile
Concen: 7.609 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.09 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

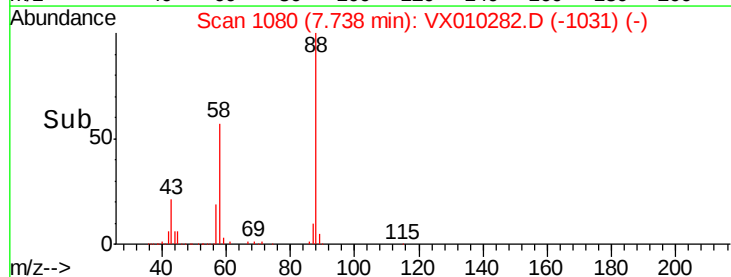
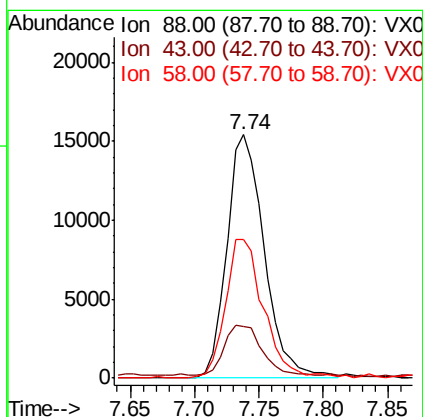
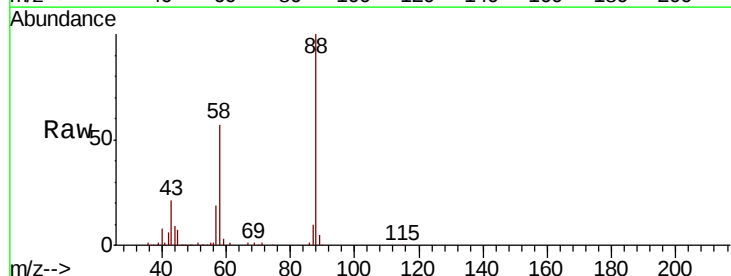
Instrument :
MSVOA_X
ClientSampleId :

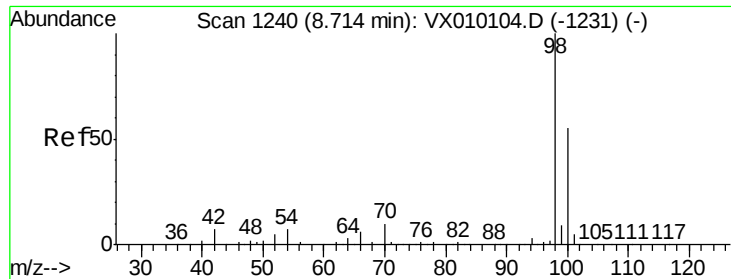
Tot Ion	Ratio	Lower	Upper
41	100		
39	42.2	42.2	63.4#
67	0.3	48.9	73.3#
52	0.4	20.1	30.1#



#49
1,4-Dioxane
Concen: 329.509 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Tgt Ion	Ratio	Lower	Upper
88	100		
43	20.8	30.2	45.4#
58	58.2	64.0	96.0#





#50

Toluene-d8

Concen: 50.456 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

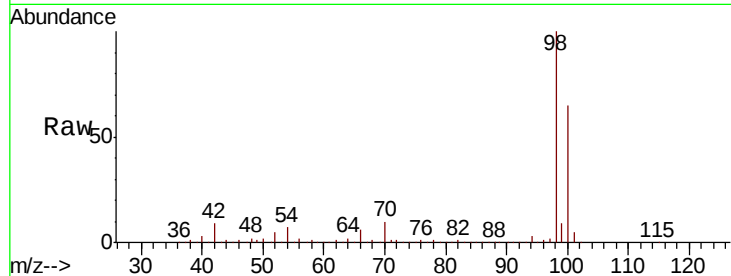
ClientSampleId :

Tot Ion: 98 Resp: 584363

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

300000

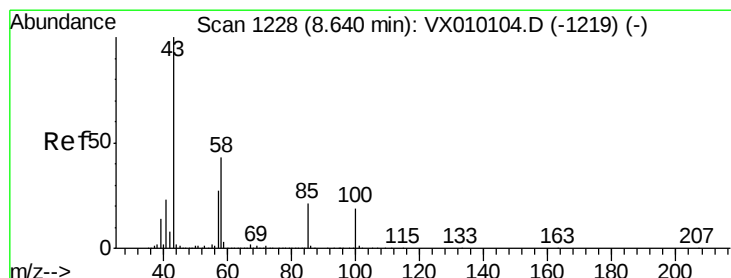
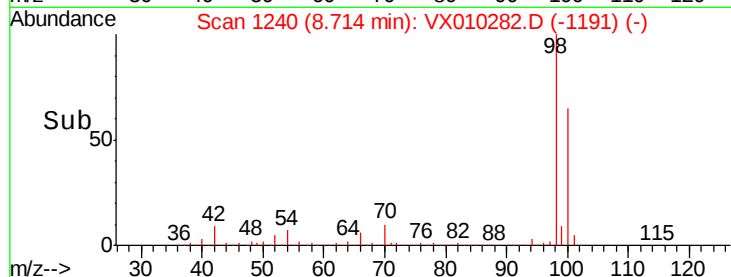
200000

100000

0

8.60 8.70 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 44.406 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010282.D

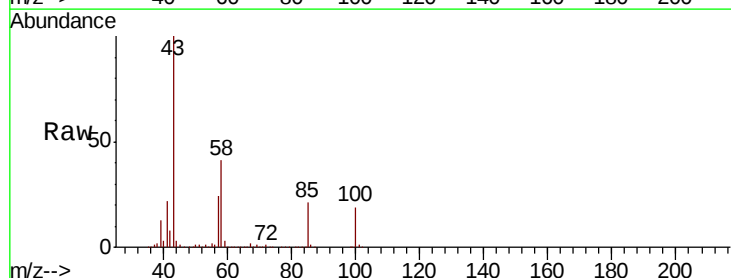
Acq: 13 Jun 2019 18:56

Tgt Ion: 43 Resp: 188629

Ion Ratio Lower Upper

43 100

58 42.3 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

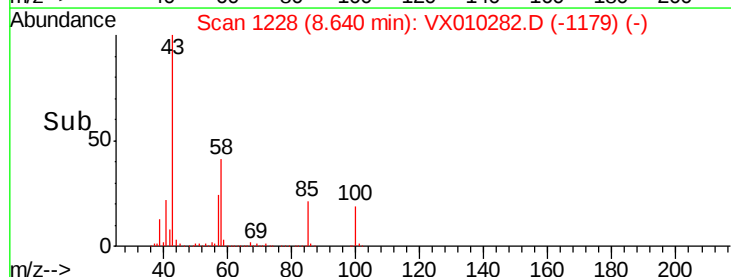
100000

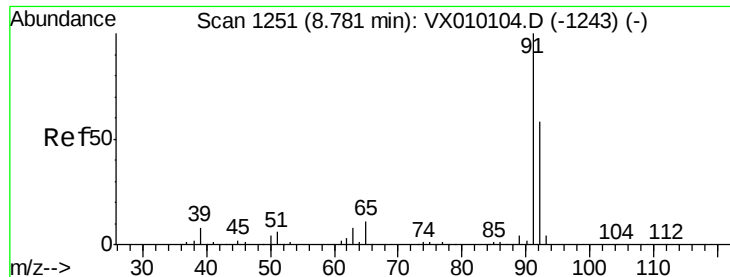
50000

0

8.55 8.60 8.65 8.70

Time-->





#52

Toluene

Concen: 105.744 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

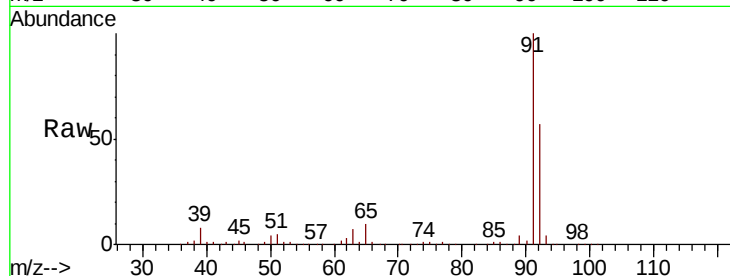
ClientSampleId :

Tot Ion: 92 Resp: 878525

Ion Ratio Lower Upper

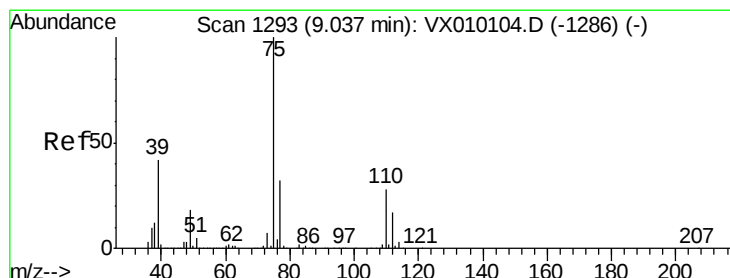
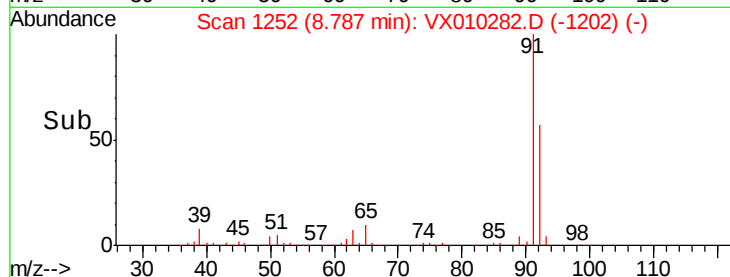
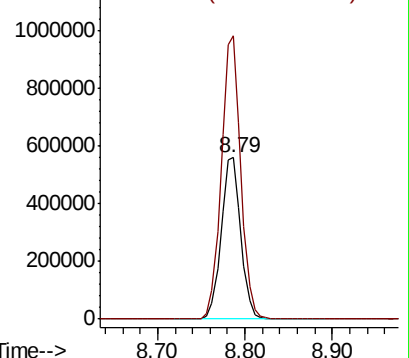
92 100

91 174.2 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.762 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.26 min

Lab File: VX010282.D

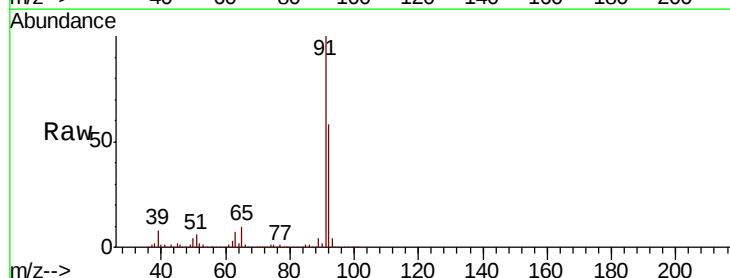
Acq: 13 Jun 2019 18:56

Tgt Ion: 75 Resp: 9028

Ion Ratio Lower Upper

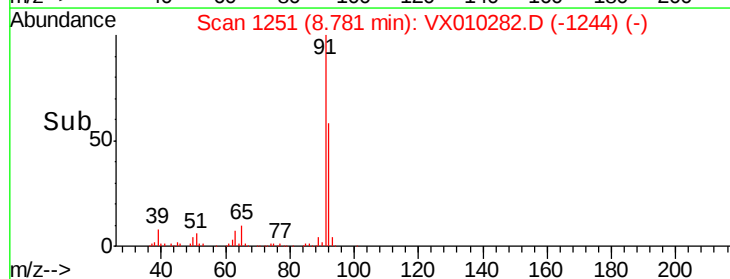
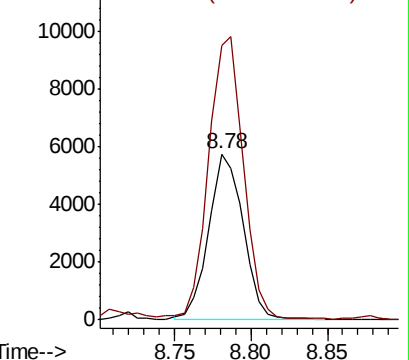
75 100

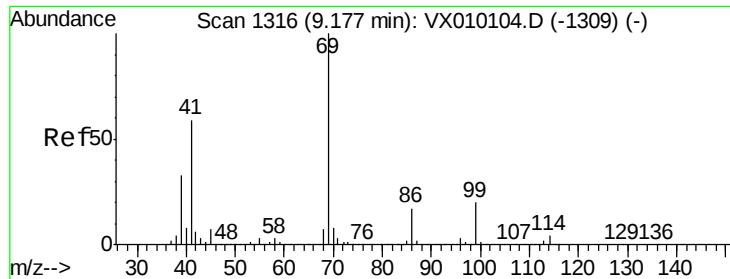
77 165.1 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

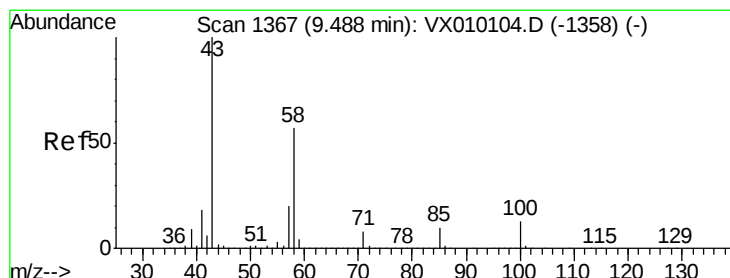
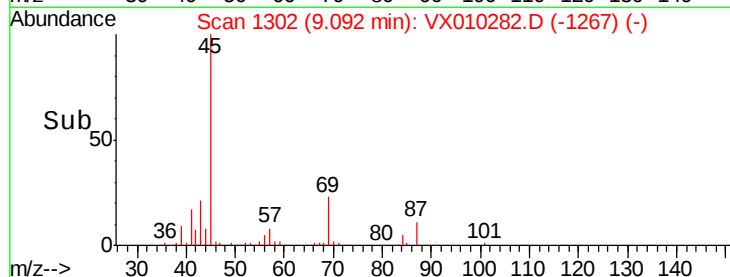
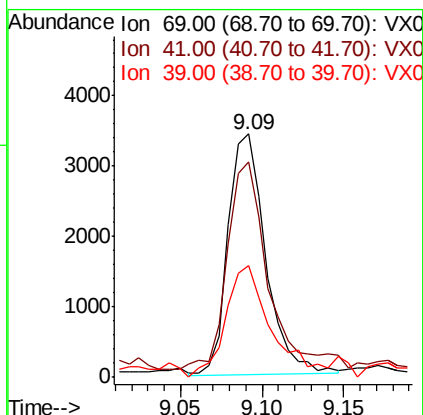
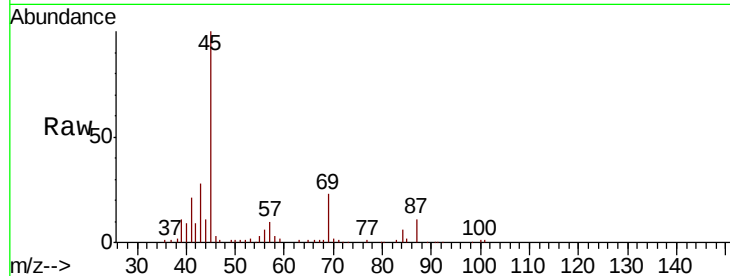




#56
Ethyl methacrylate
Concen: 1.030 ug/l
RT: 9.09 min Scan# 1302
Delta R.T. -0.09 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

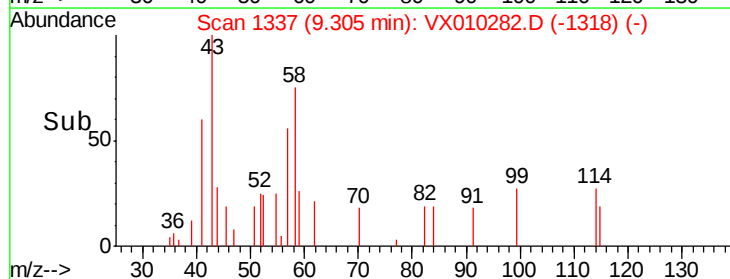
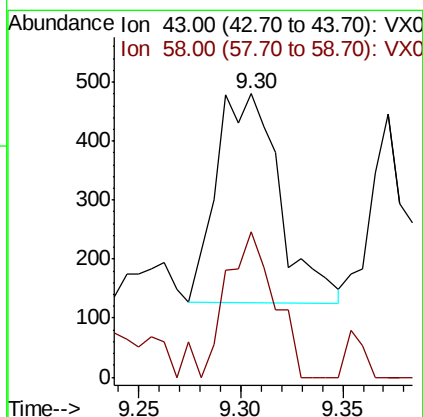
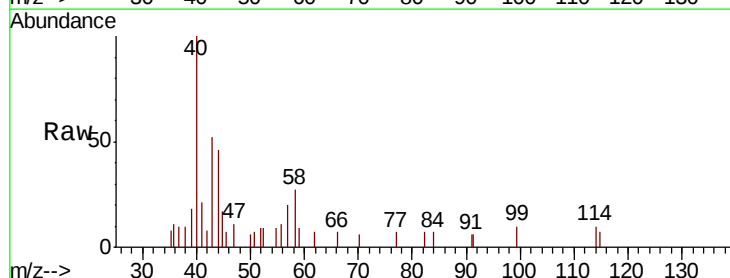
Instrument :
MSVOA_X
ClientSampleId :

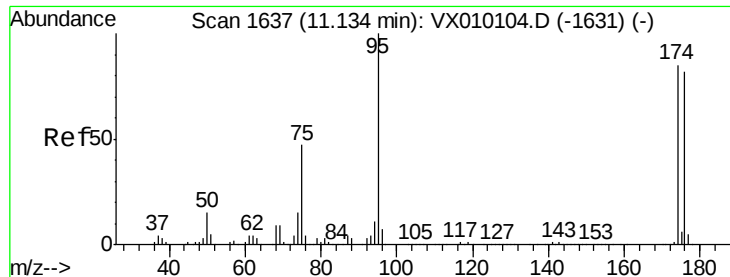
Tot Ion: 69 Resp: 5535
Ion Ratio Lower Upper
69 100
41 94.5 62.7 94.1#
39 56.2 29.5 44.3#



#59
2-Hexanone
Concen: 0.226 ug/l
RT: 9.30 min Scan# 1337
Delta R.T. -0.18 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 51.6 25.1 75.3

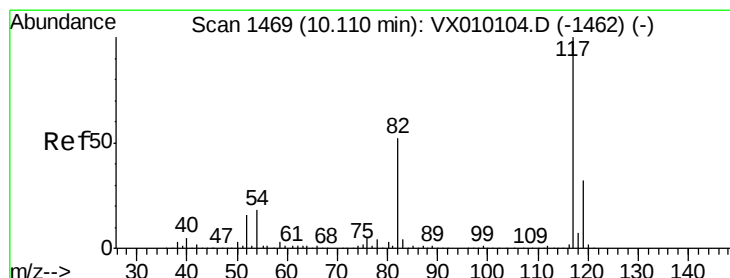
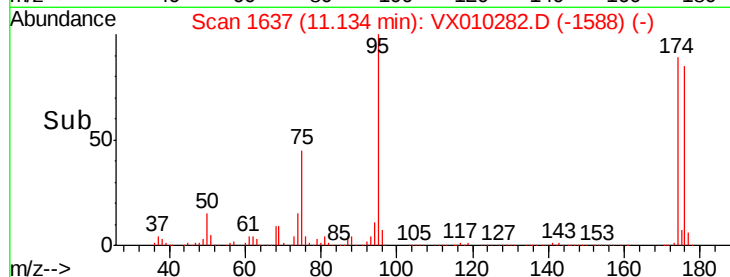
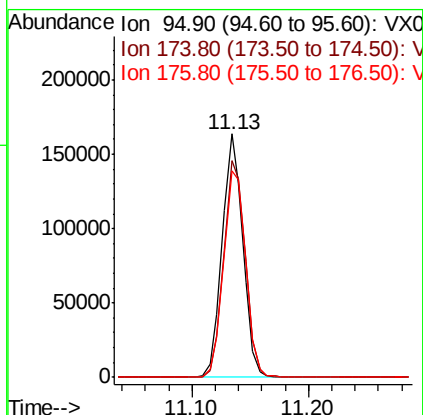
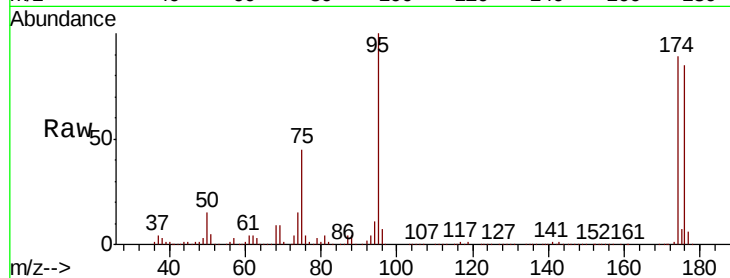




#62
4-Bromofluorobenzene
Concen: 46.334 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

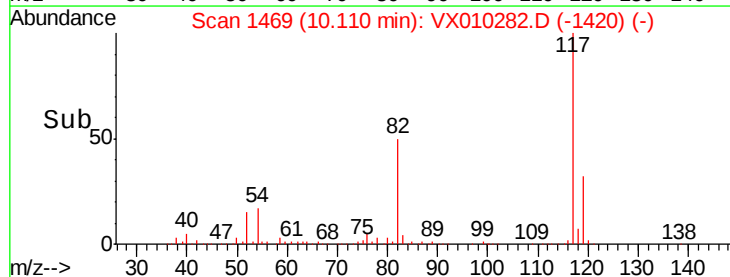
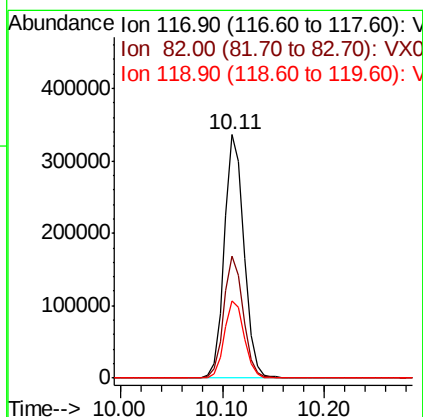
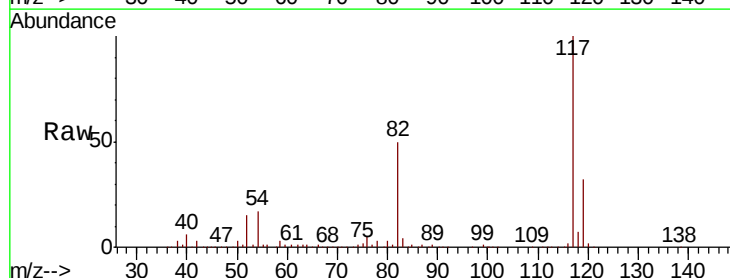
Instrument :
MSVOA_X
ClientSampleId :

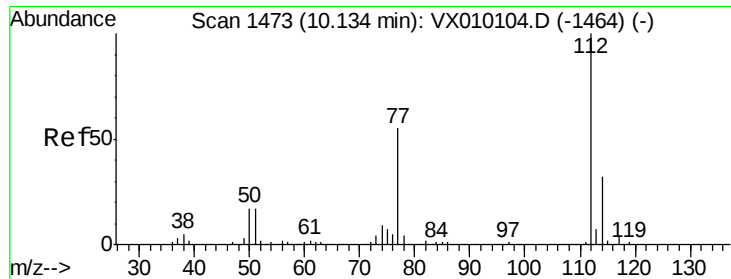
Tot Ion: 95 Resp: 200409
Ion Ratio Lower Upper
95 100
174 93.4 0.0 160.4
176 90.8 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Tgt Ion: 117 Resp: 449672
Ion Ratio Lower Upper
117 100
82 50.1 49.2 73.8
119 31.5 25.2 37.8

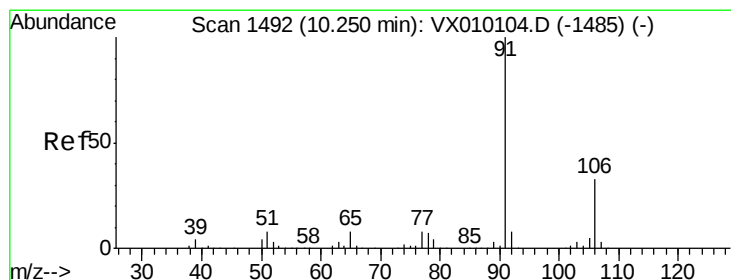
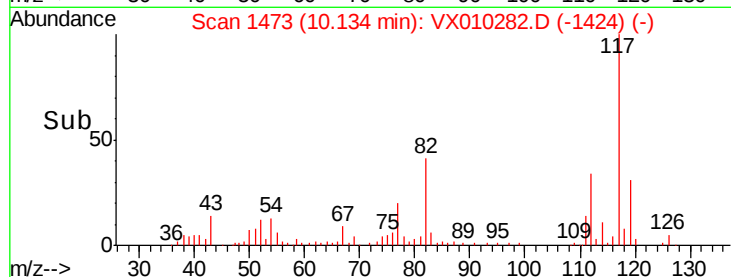
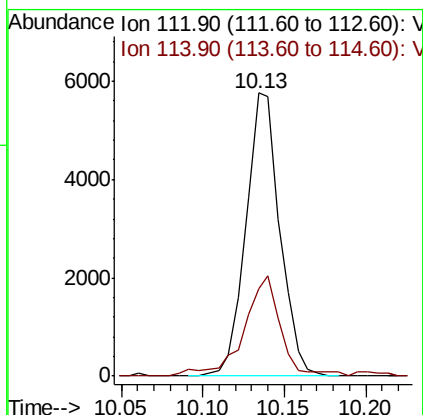
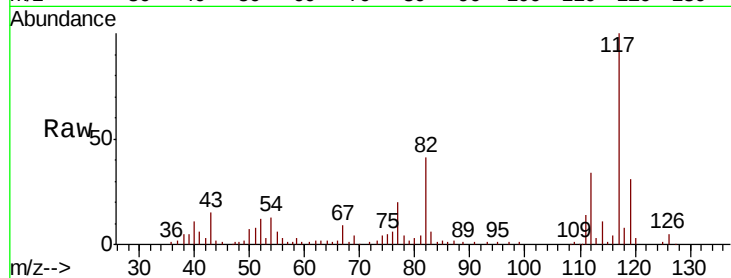




#65
Chlorobenzene
Concen: 0.900 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

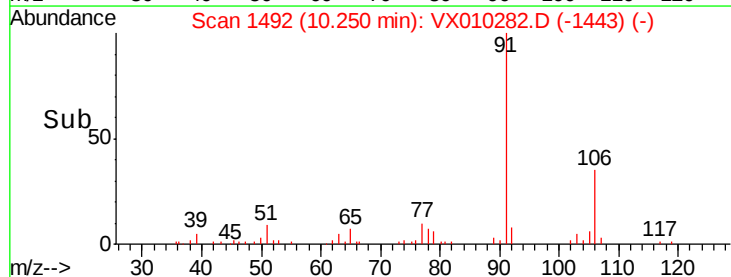
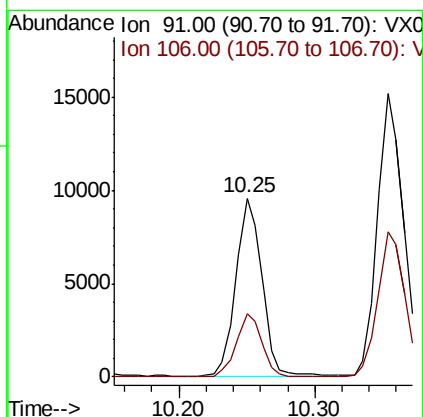
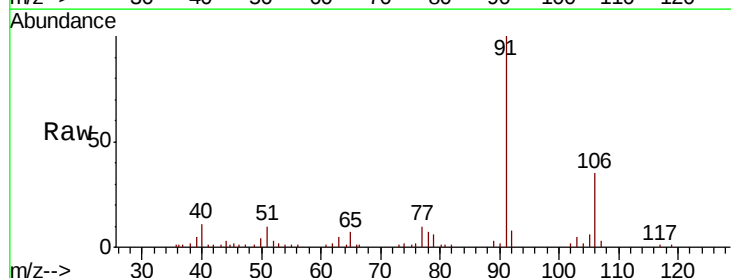
Instrument :
MSVOA_X
ClientSampleId :

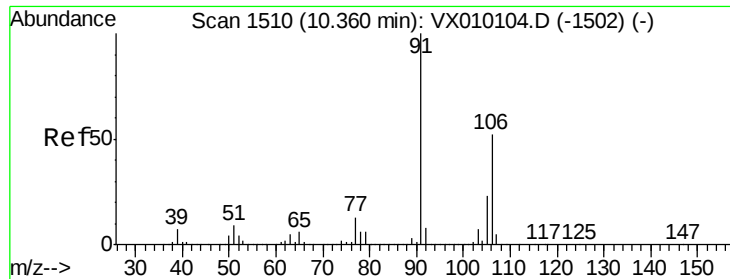
Tot Ion:112 Resp: 8357
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.8



#67
Ethyl Benzene
Concen: 0.824 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Tgt Ion: 91 Resp: 13015
Ion Ratio Lower Upper
91 100
106 35.2 23.9 35.9

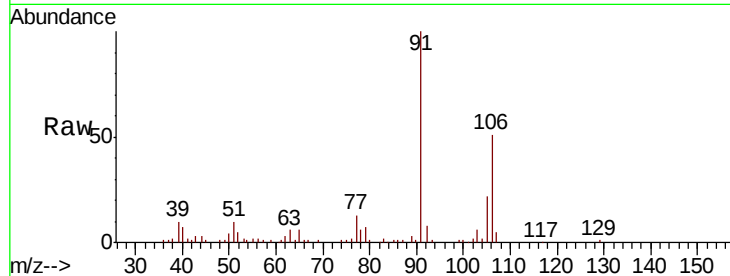




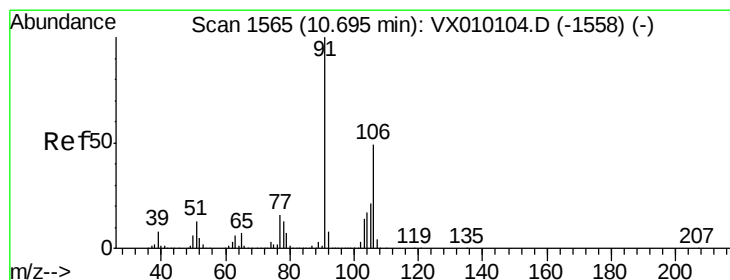
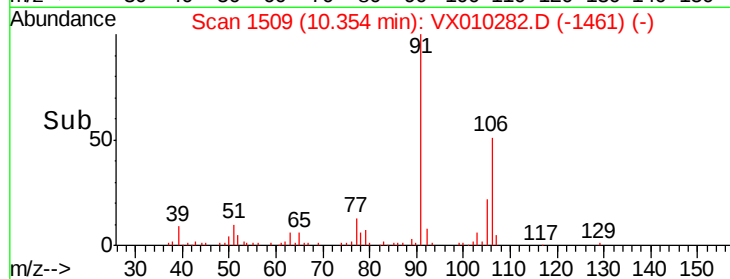
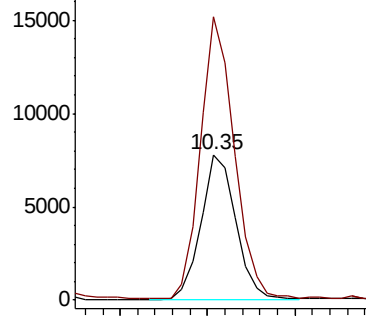
#68
m/p-Xylenes
Concen: 1.784 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 10910
Ion Ratio Lower Upper
106 100
91 186.9 167.3 250.9

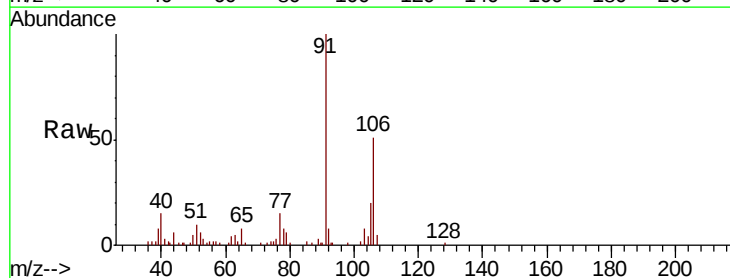


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

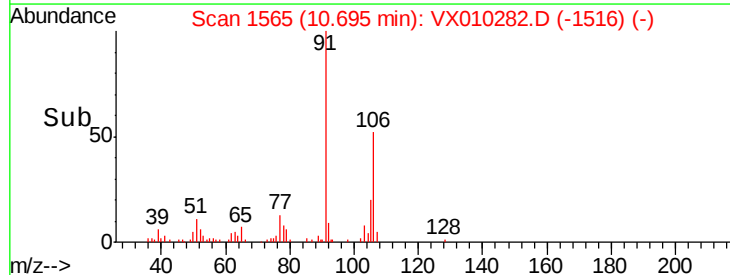
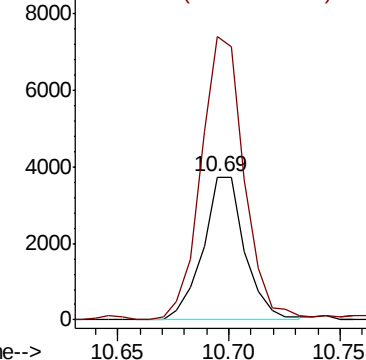


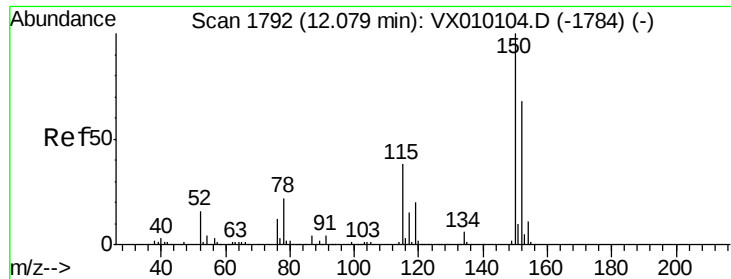
#69
o-Xylene
Concen: 0.807 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Tgt Ion:106 Resp: 4903
Ion Ratio Lower Upper
106 100
91 204.8 110.4 331.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



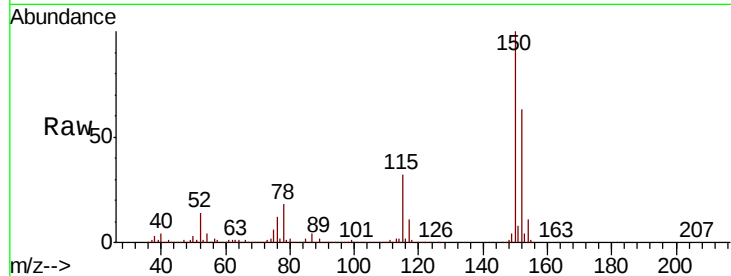


#72

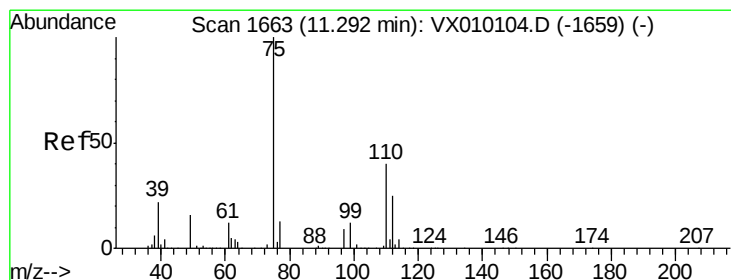
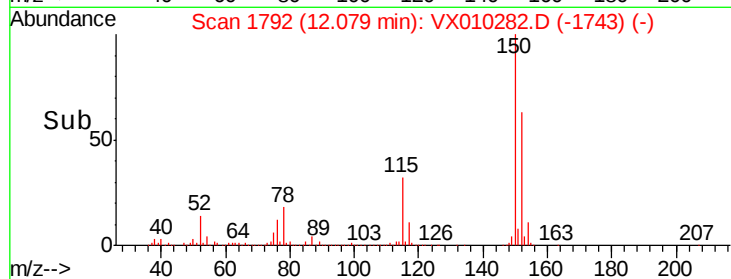
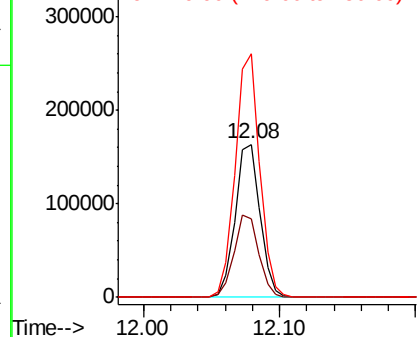
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 207374
Ion Ratio Lower Upper
152 100
115 53.7 41.4 124.2
150 157.1 0.0 345.2



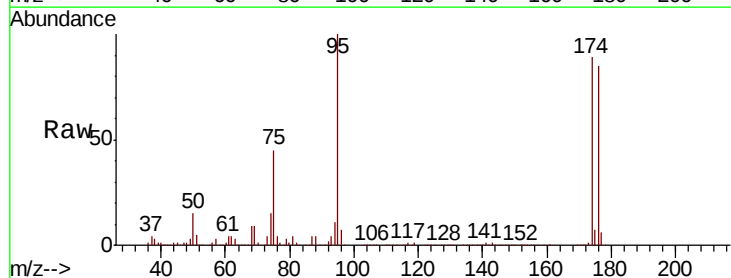
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



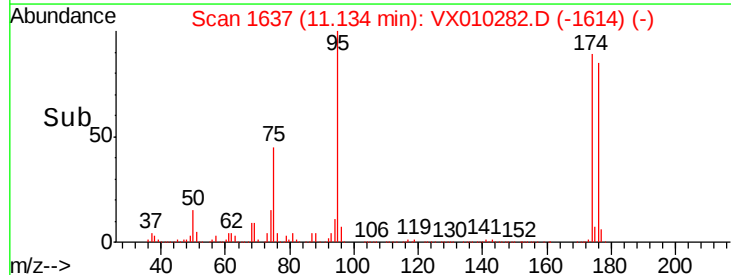
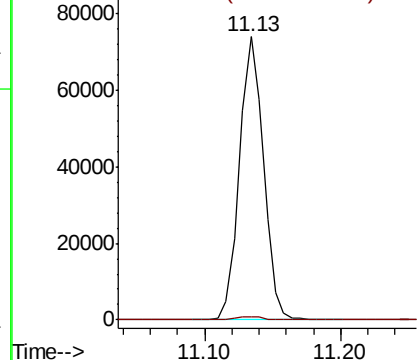
#76

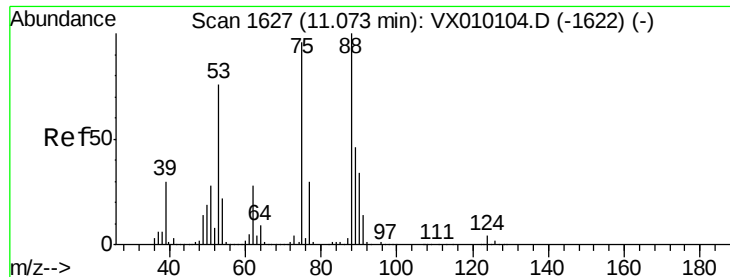
1,2,3-Trichloropropane
Concen: 22.037 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010282.D
Acq: 13 Jun 2019 18:56

Tgt Ion: 75 Resp: 91407
Ion Ratio Lower Upper
75 100
77 1.4 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.689 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

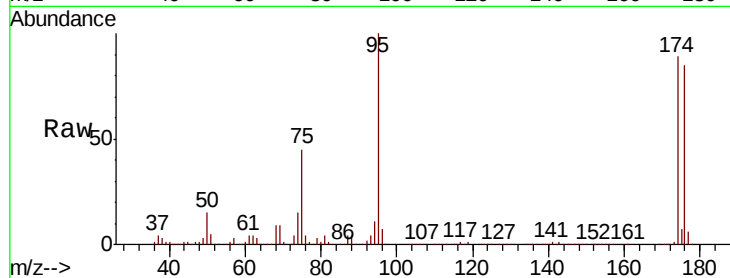
Tot Ion: 75 Resp: 91407

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

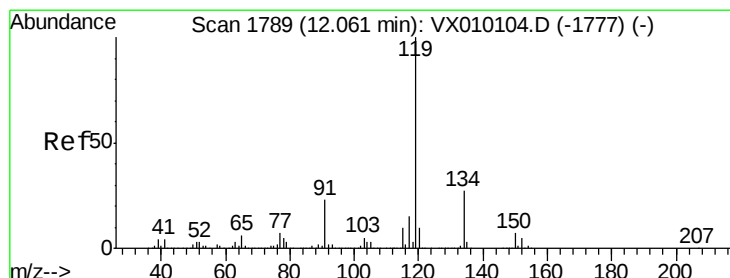
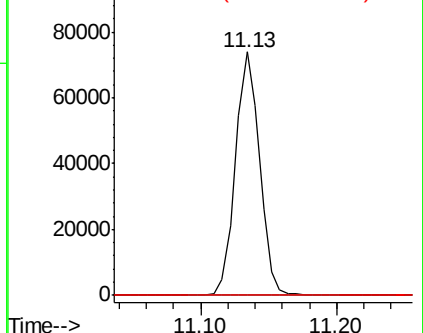
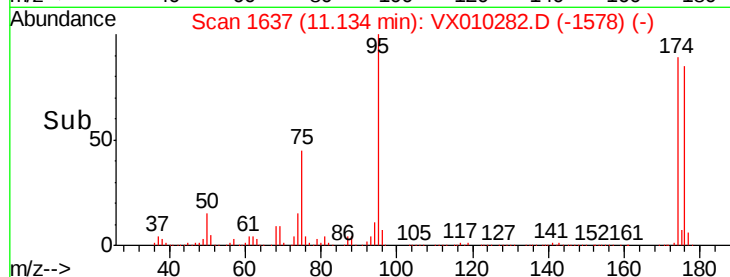
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#86

p-Isopropyltoluene

Concen: 0.290 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010282.D

Acq: 13 Jun 2019 18:56

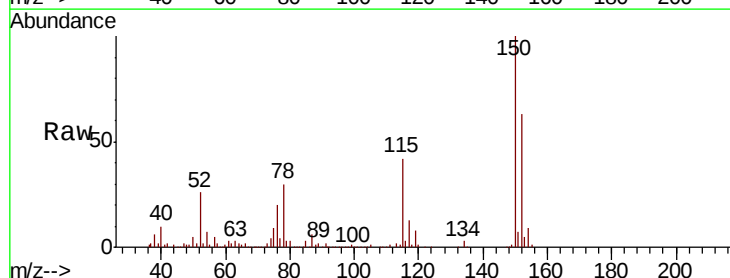
Tgt Ion: 119 Resp: 3818

Ion Ratio Lower Upper

119 100

134 36.4 12.9 38.6

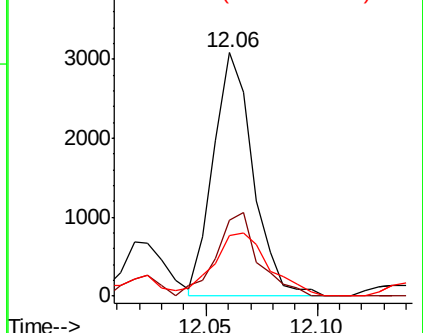
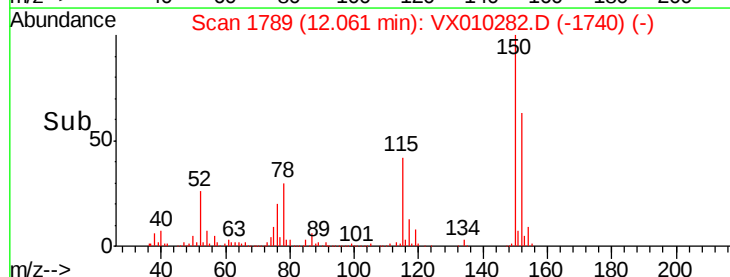
91 36.1 11.9 35.9#

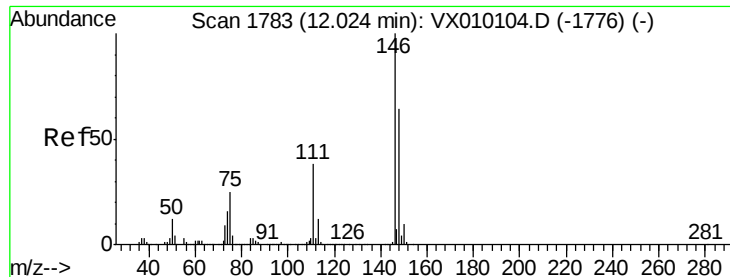


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

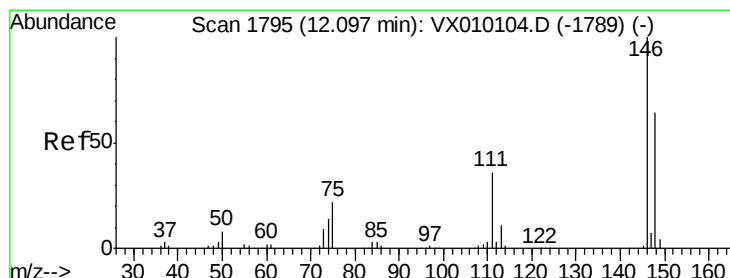
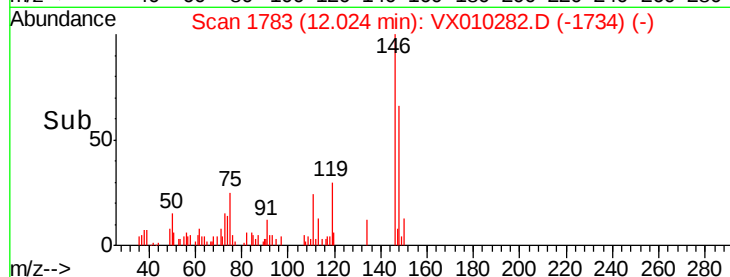
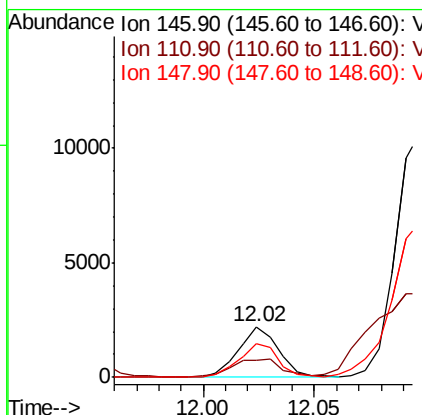
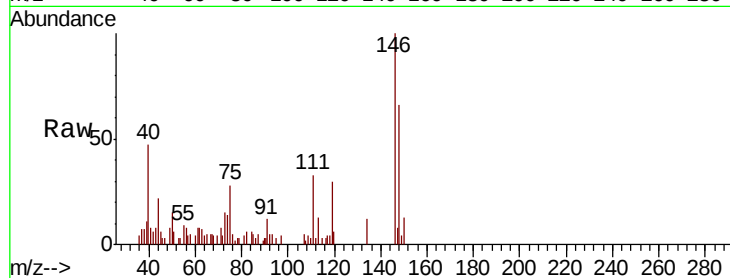




#87
 1,3-Dichlorobenzene
 Concen: 0.398 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010282.D
 Acq: 13 Jun 2019 18:56

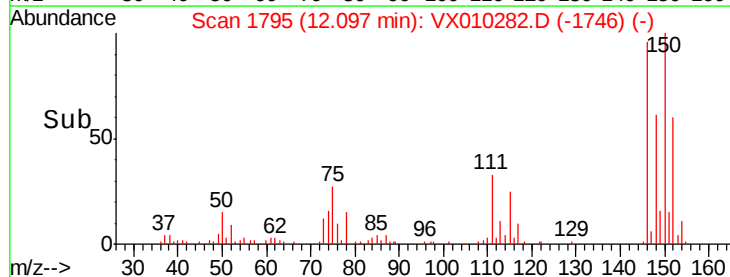
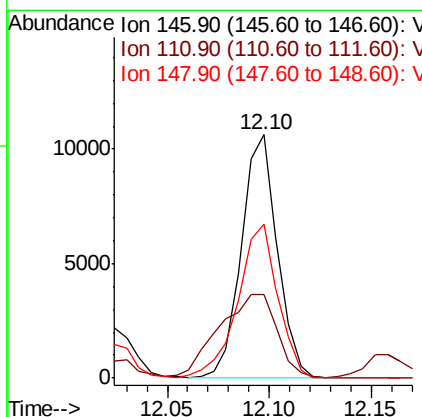
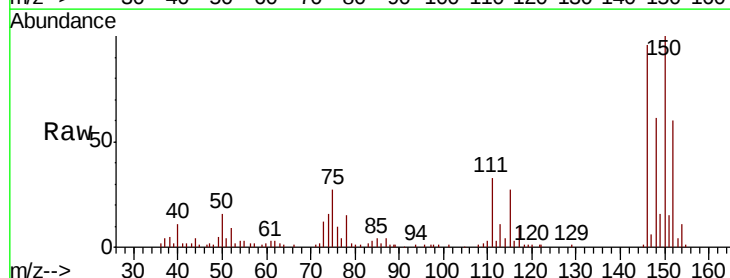
Instrument :
 MSVOA_X
 ClientSampled :

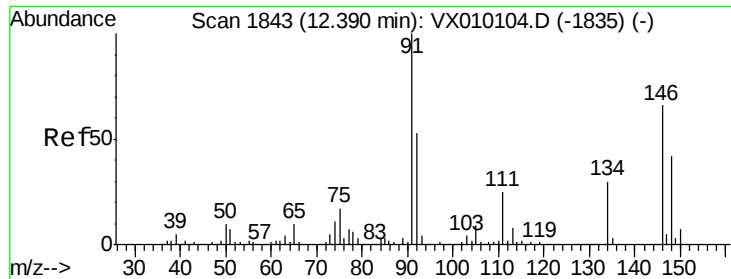
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	20.1	60.2
148	65.8	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 1.839 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010282.D
 Acq: 13 Jun 2019 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	55.6	20.0	59.9
148	70.5	32.3	96.9

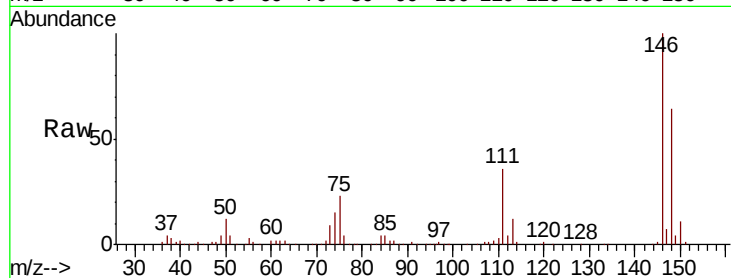




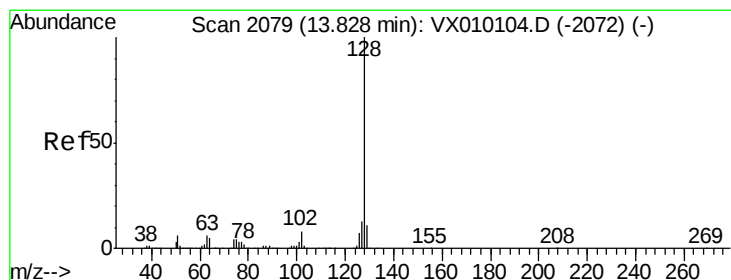
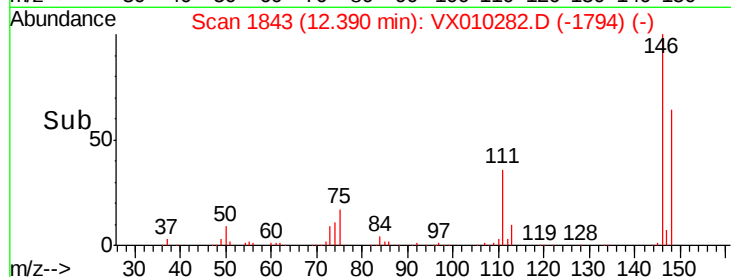
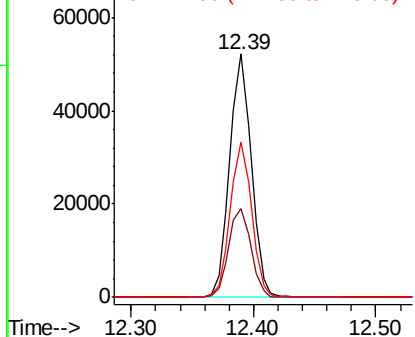
#91
 1,2-Dichlorobenzene
 Concen: 9.356 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010282.D
 Acq: 13 Jun 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 63779
 Ion Ratio Lower Upper
 146 100
 111 37.9 21.1 63.1
 148 63.2 32.3 96.8

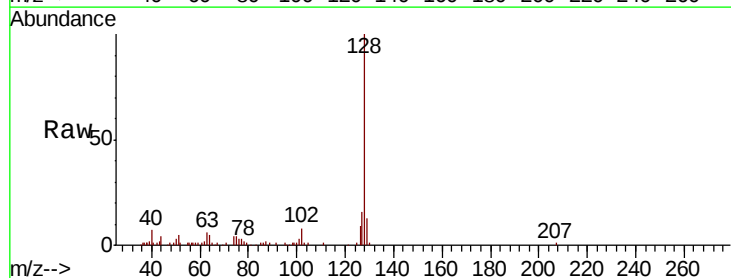


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: 1.076 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX010282.D
 Acq: 13 Jun 2019 18:56

Tgt Ion:128 Resp: 16908
 Ion Ratio Lower Upper
 128 100
 127 14.3 10.6 16.0
 129 12.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

