

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
 Data File : VX005262.D
 Acq On : 11 Oct 2018 19:06
 Operator : JC/MD
 Sample : J5390-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 07:10:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	270887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172499	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	134548	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
35) Dibromofluoromethane	5.51	113	121549	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
50) Toluene-d8	8.72	98	399954	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	163698	59.54	ug/l	0.00
Spiked Amount			Recovery	=	119.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	8666	2.883	ug/l #	69
4) Vinyl Chloride	1.40	62	2355	0.835	ug/l #	1
5) Bromomethane	1.64	94	353	0.211	ug/l	92
6) Chloroethane	1.73	64	2086	Below Cal	#	47
11) Tert butyl alcohol	3.09	59	1062	1.463	ug/l	96
13) Acrolein	2.29	56	1198	2.320	ug/l	90
14) Allyl chloride	2.62	41	16192	3.769	ug/l #	37
16) Acetone	2.45	43	177555	117.145	ug/l	99
17) Carbon Disulfide	2.57	76	6882	1.163	ug/l	97
18) Methyl Acetate	2.78	43	14257	3.713	ug/l	99
20) Methylene Chloride	2.85	84	794	Below Cal	#	83
25) 2-Butanone	4.71	43	316490	141.660	ug/l #	85
27) cis-1,2-Dichloroethene	4.59	96	2577	1.070	ug/l #	11
28) Bromochloromethane	5.20	49	1015	0.499	ug/l #	13
29) Tetrahydrofuran	5.20	42	8712	6.274	ug/l #	60
36) 1,1-Dichloropropene	5.66	75	12328	3.936	ug/l #	41
37) Ethyl Acetate	4.71	43	316490	76.118	ug/l #	70
38) Carbon Tetrachloride	5.67	117	16587	5.038	ug/l #	17
40) Benzene	6.15	78	3000	0.306	ug/l	99
41) Methacrylonitrile	5.19	41	42336	18.360	ug/l #	46
43) Isopropyl Acetate	6.47	43	4595	0.766	ug/l #	64
44) Trichloroethene	7.21	130	2720	1.128	ug/l	99
48) Methyl methacrylate	7.73	41	4270	1.568	ug/l #	26
49) 1,4-Dioxane	7.74	88	157	2.320	ug/l #	1
56) Ethyl methacrylate	9.23	69	50	2.874	ug/l #	1
59) 2-Hexanone	9.50	43	33827	10.743	ug/l	95
70) Styrene	10.71	104	171	2.161	ug/l #	71
74) N-amyl acetate	10.91	43	19541	4.903	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.13	83	2496	0.564	ug/l	75
76) 1,2,3-Trichloropropane	11.14	75	82342	21.297	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.65	105	287	Below Cal		83
81) trans-1,4-Dichloro-2-buten	11.14	75	82342	57.764	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.65	105	287	Below Cal		88
95) Naphthalene	13.83	128	866	0.779	ug/l	96

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Response via : Initial Calibration

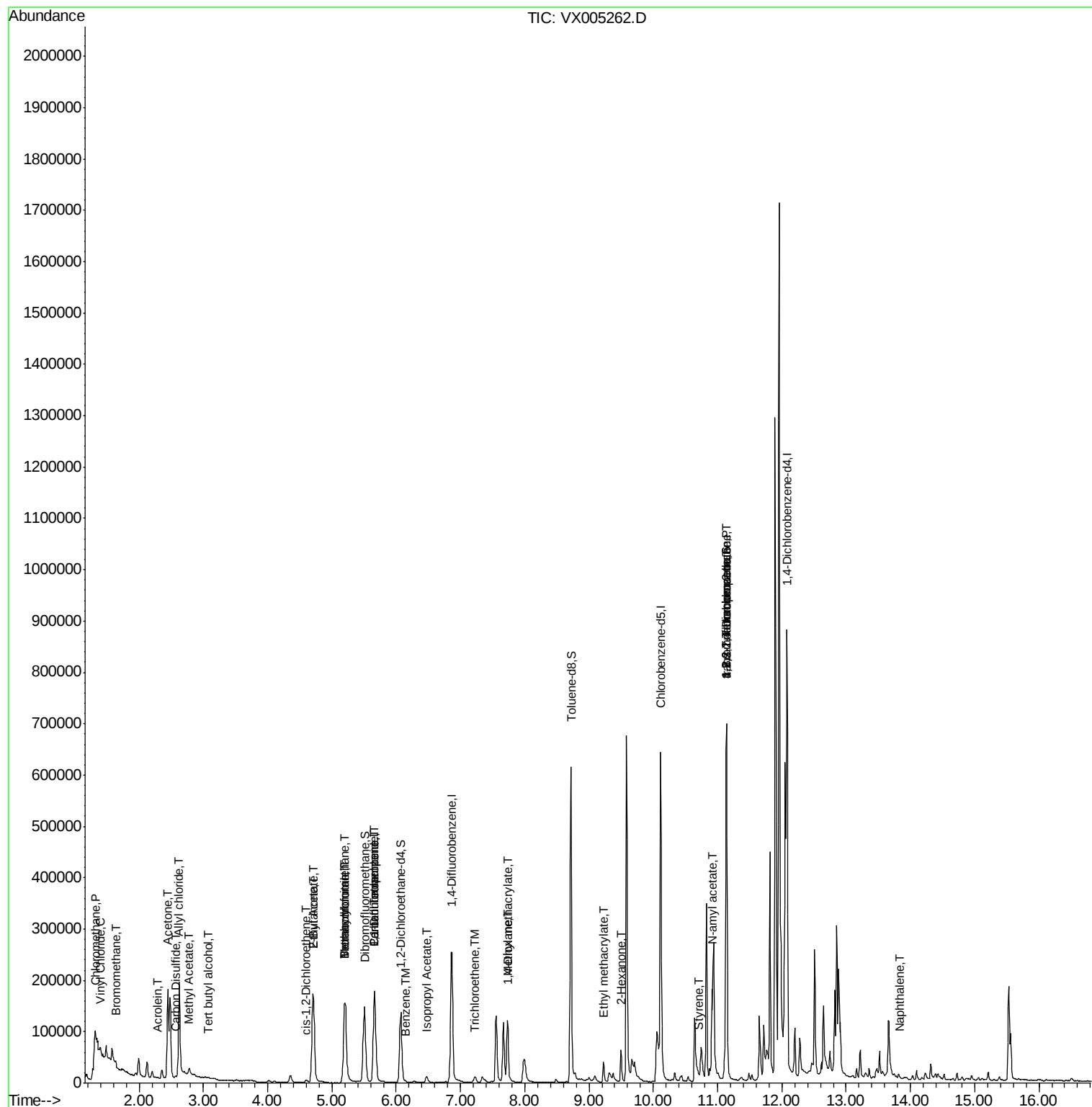
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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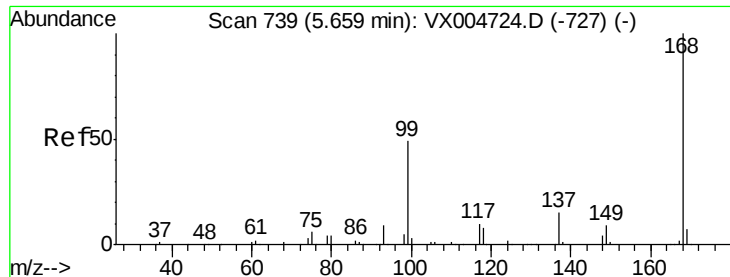
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

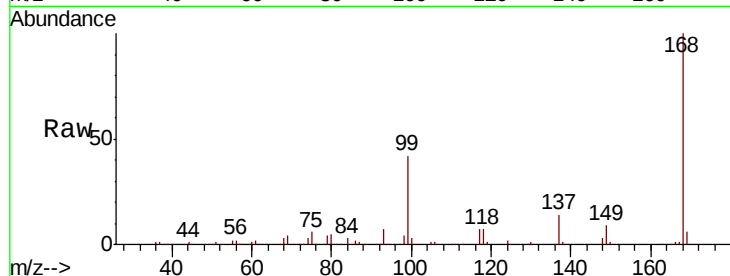
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 181739

Ion Ratio Lower Upper

168 100

99 42.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

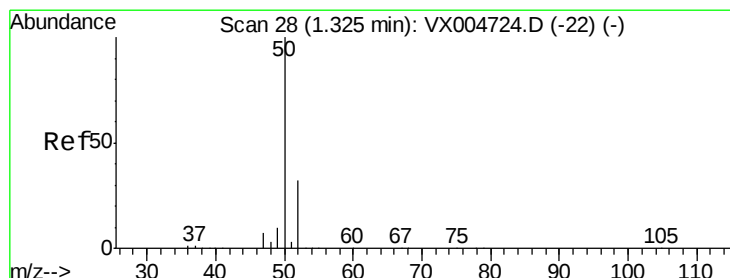
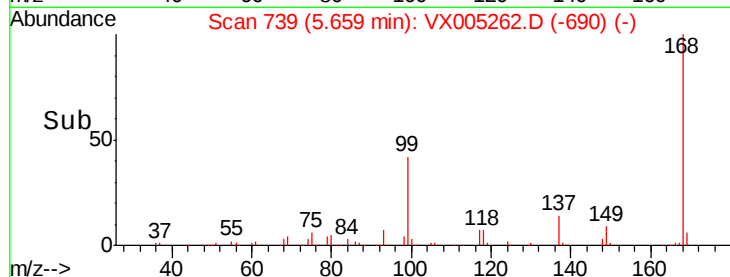
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 2.883 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005262.D

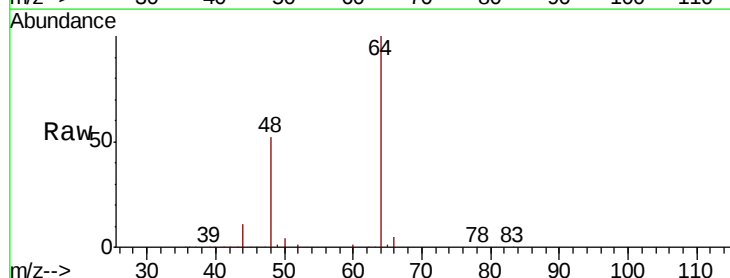
Acq: 11 Oct 2018 19:06

Tgt Ion: 50 Resp: 8666

Ion Ratio Lower Upper

50 100

52 15.0 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2500

2000

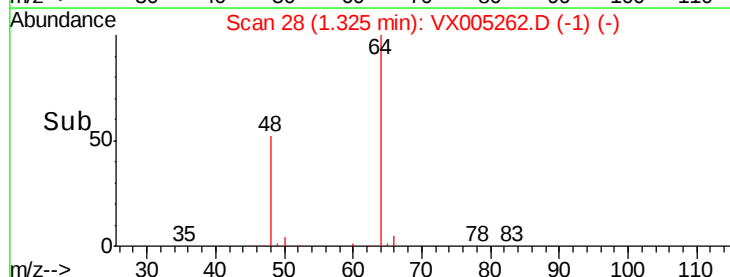
1500

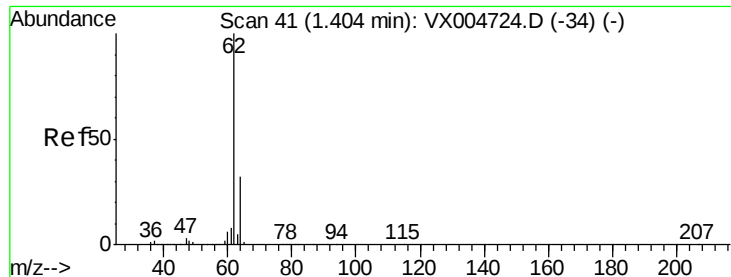
1000

500

0

Time--> 1.20 1.30 1.40





#4

Vinyl Chloride

Concen: 0.835 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

Instrument :

MSVOA_X

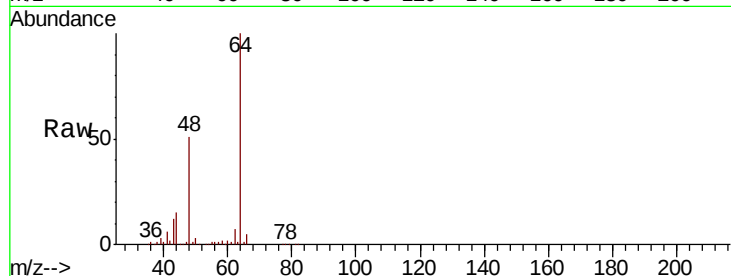
ClientSampled :

Tot Ion: 62 Resp: 2355

Ion Ratio Lower Upper

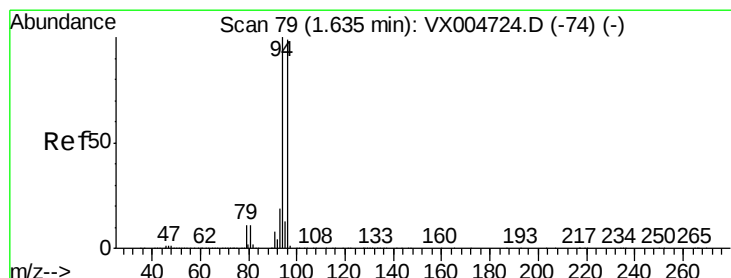
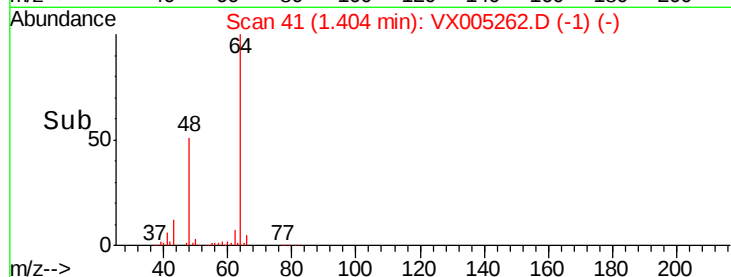
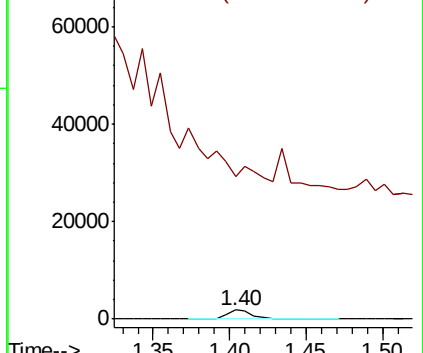
62 100

64 140.7 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.211 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005262.D

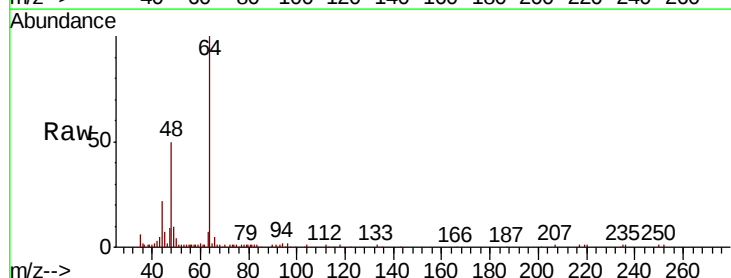
Acq: 11 Oct 2018 19:06

Tgt Ion: 94 Resp: 353

Ion Ratio Lower Upper

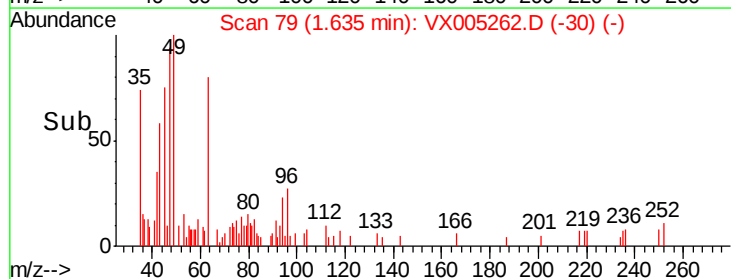
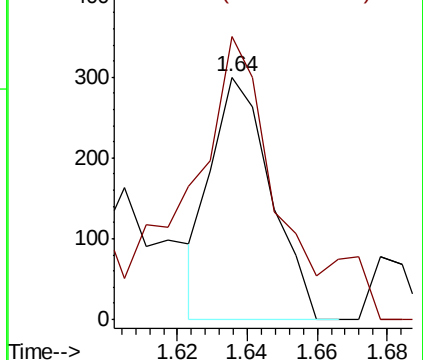
94 100

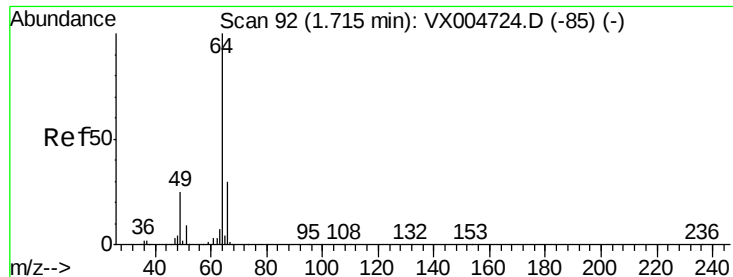
96 91.7 79.5 119.3



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: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

Instrument :

MSVOA_X

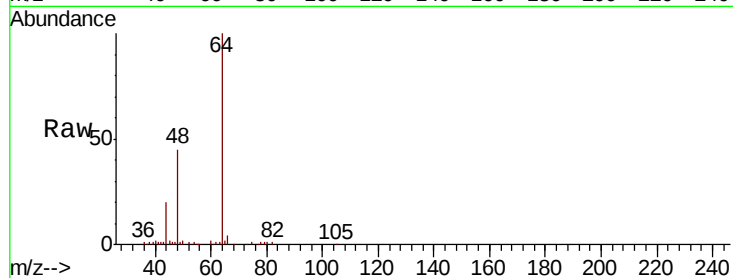
ClientSampleId :

Tot Ion: 64 Resp: 2086

Ion Ratio Lower Upper

64 100

66 0.9 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

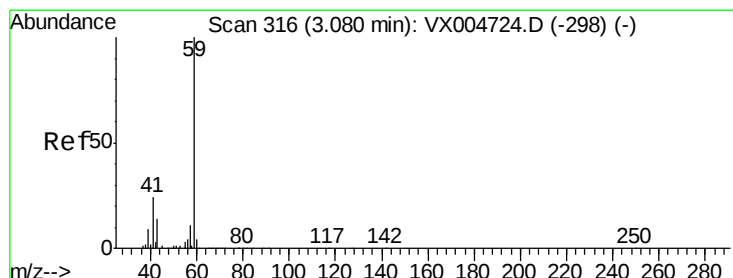
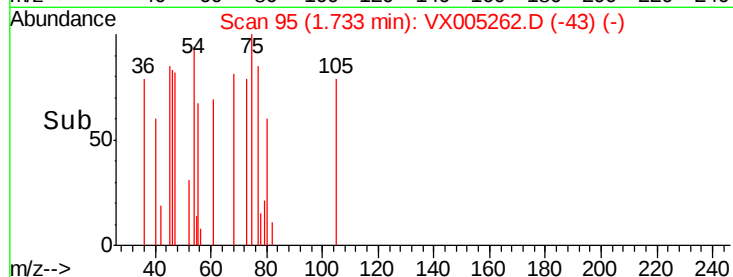
15000

10000

5000

0

Time--> 1.71 1.72 1.73 1.74 1.75



#11

Tert butyl alcohol

Concen: 1.463 ug/l

RT: 3.09 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX005262.D

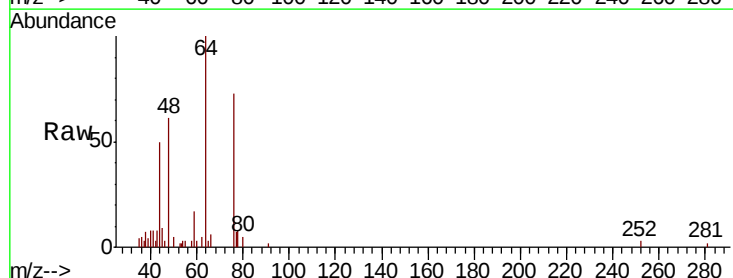
Acq: 11 Oct 2018 19:06

Tgt Ion: 59 Resp: 1062

Ion Ratio Lower Upper

59 100

57 9.1 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.09

500

400

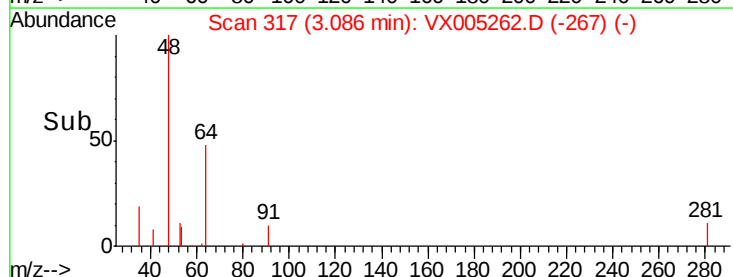
300

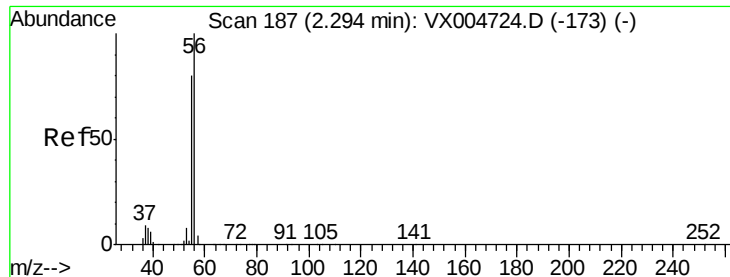
200

100

0

Time--> 3.00 3.05 3.10 3.15





#13

Acrolein

Concen: 2.320 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

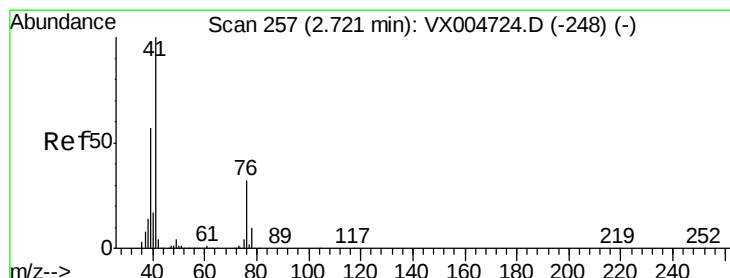
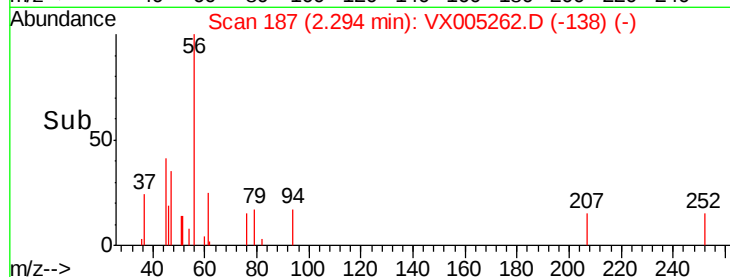
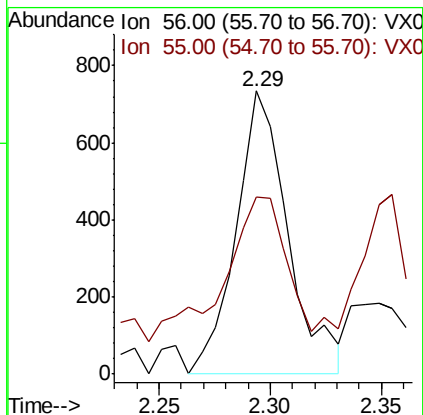
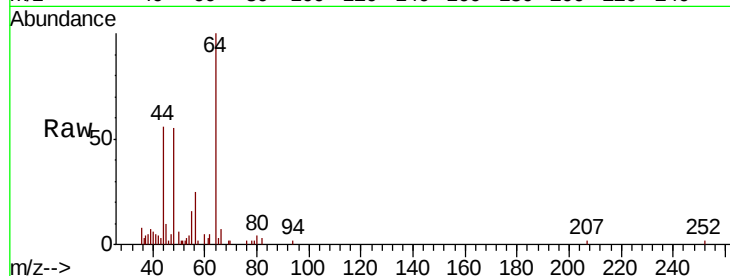
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 1198

Ion Ratio Lower Upper

56 100

55 70.1 63.4 95.2



#14

Allyl chloride

Concen: 3.769 ug/l

RT: 2.62 min Scan# 241

Delta R.T. -0.10 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

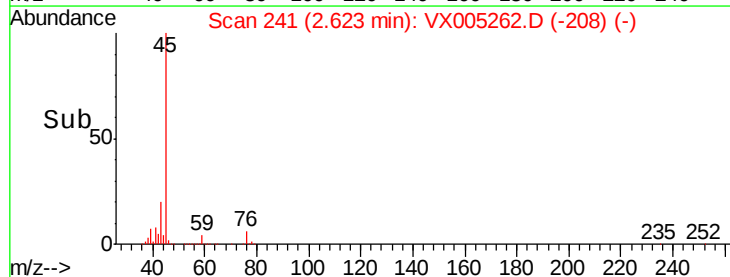
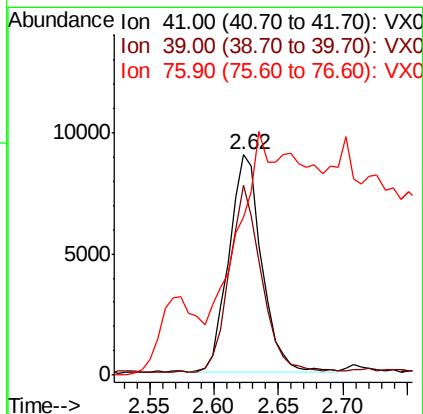
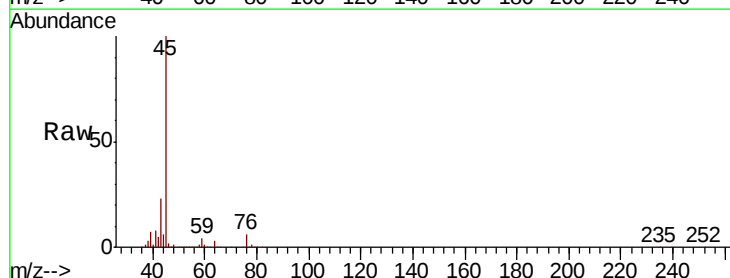
Tgt Ion: 41 Resp: 16192

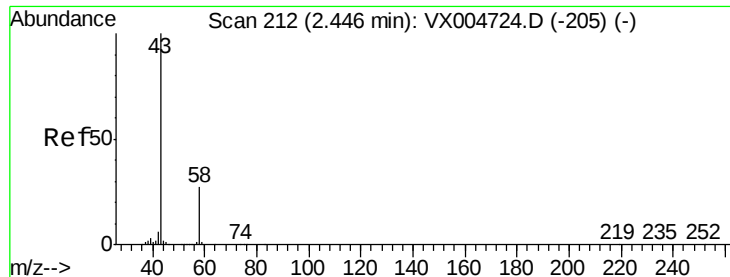
Ion Ratio Lower Upper

41 100

39 83.2 44.1 66.1#

76 88.8 25.0 37.4#





#16

Acetone

Concen: 117.145 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

Instrument :

MSVOA_X

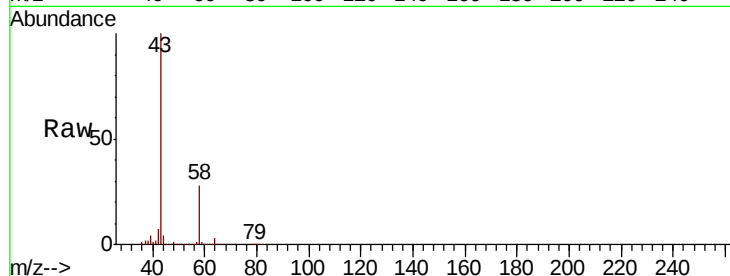
ClientSampled :

Tot Ion: 43 Resp: 177555

Ion Ratio Lower Upper

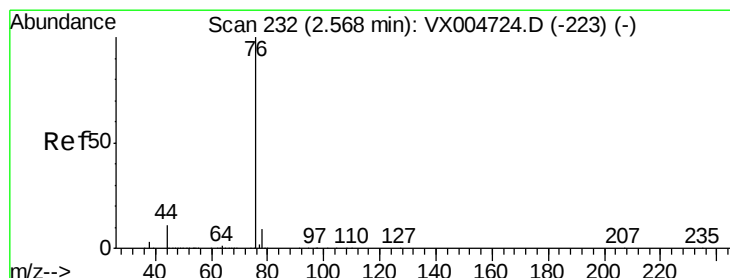
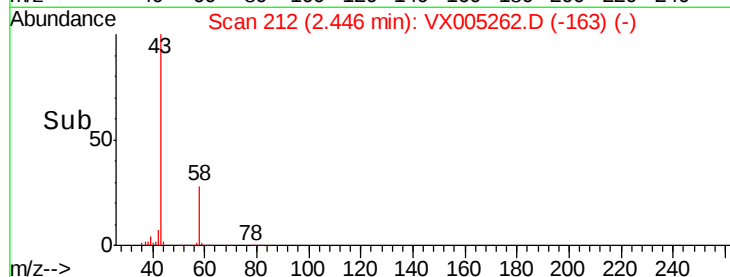
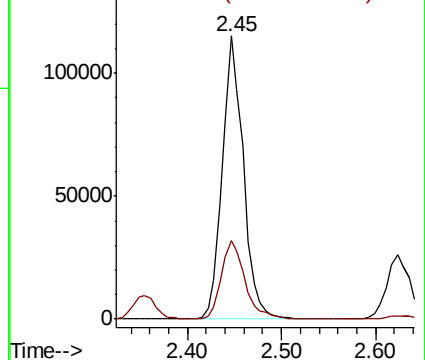
43 100

58 27.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 1.163 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005262.D

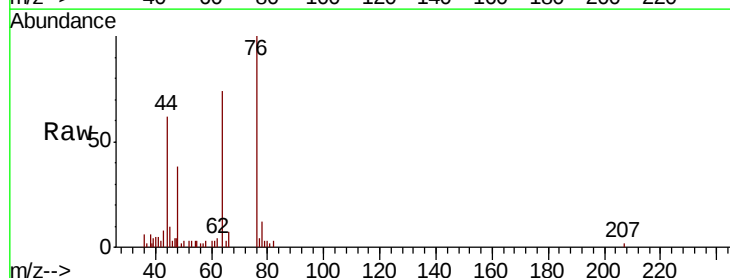
Acq: 11 Oct 2018 19:06

Tgt Ion: 76 Resp: 6882

Ion Ratio Lower Upper

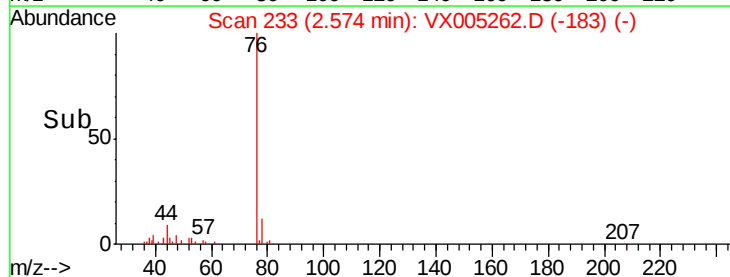
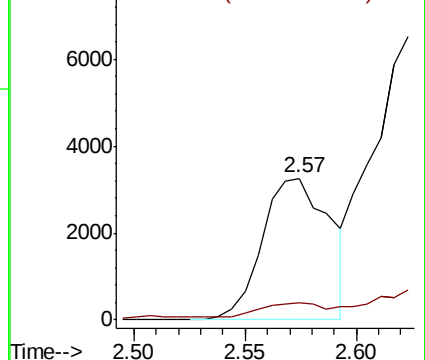
76 100

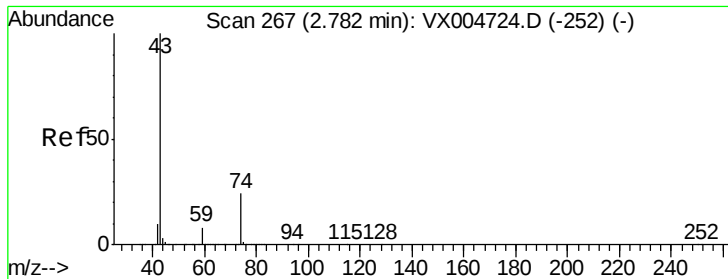
78 9.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

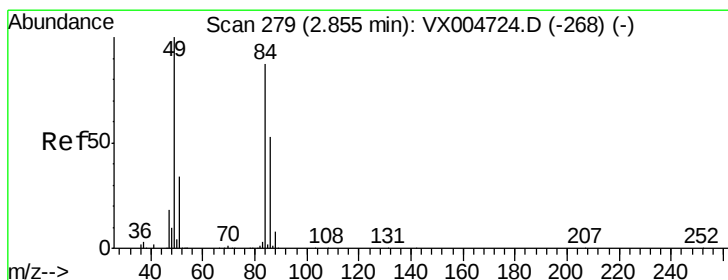
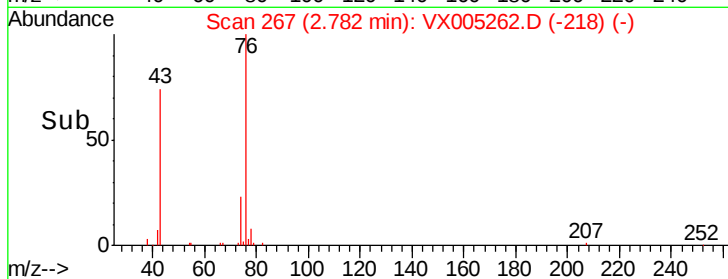
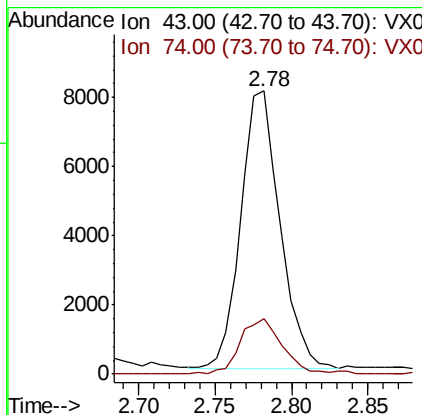
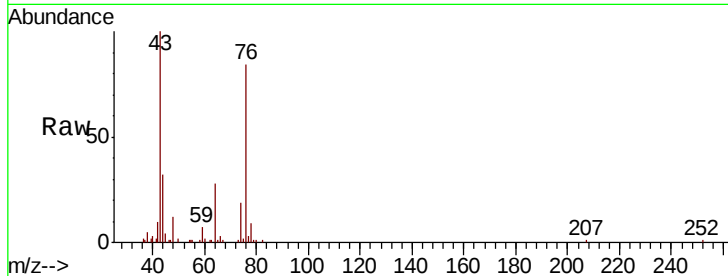




#18
Methyl Acetate
Concen: 3.713 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

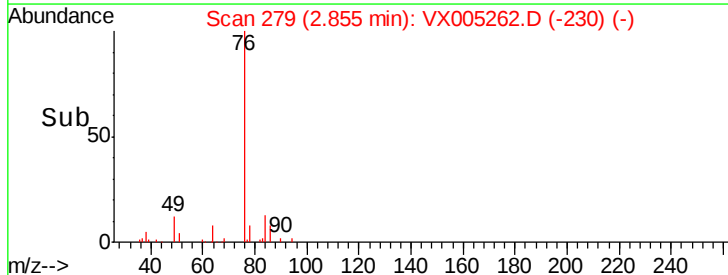
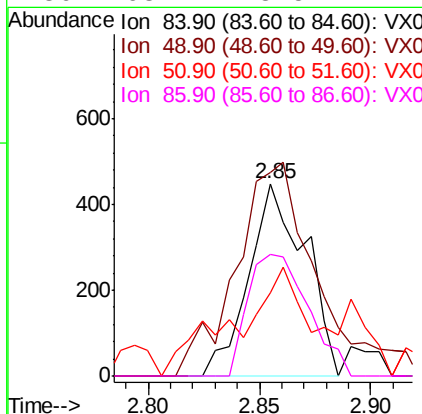
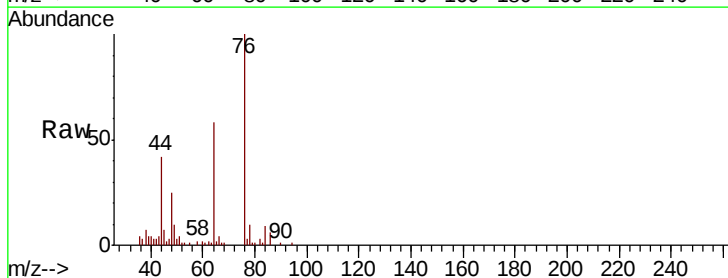
Instrument :
MSVOA_X
ClientSampleId :

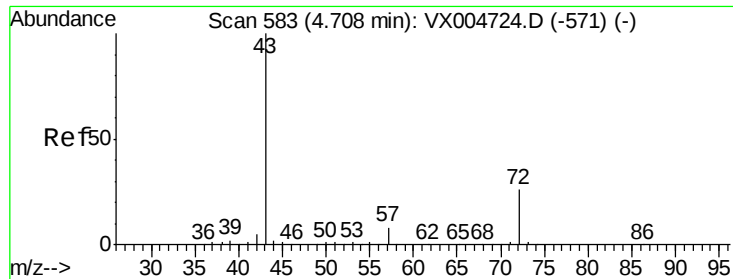
Tot Ion: 43 Resp: 14257
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Tgt Ion: 84 Resp: 794
Ion Ratio Lower Upper
84 100
49 91.7 92.3 138.5#
51 24.6 31.8 47.6#
86 63.2 48.5 72.7





#25

2-Butanone

Concen: 141.660 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

Instrument :

MSVOA_X

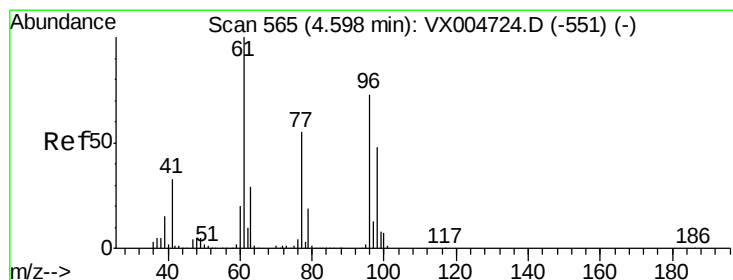
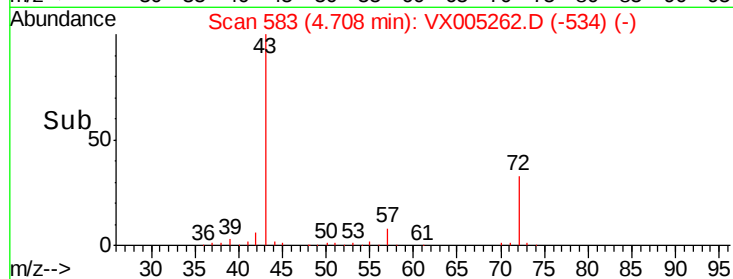
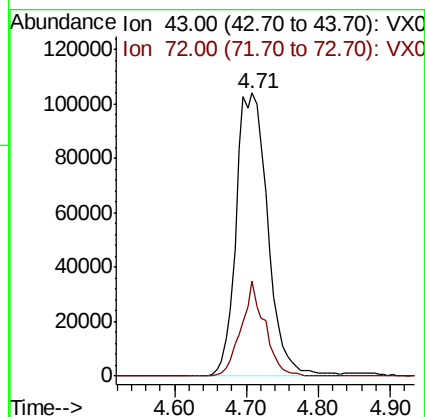
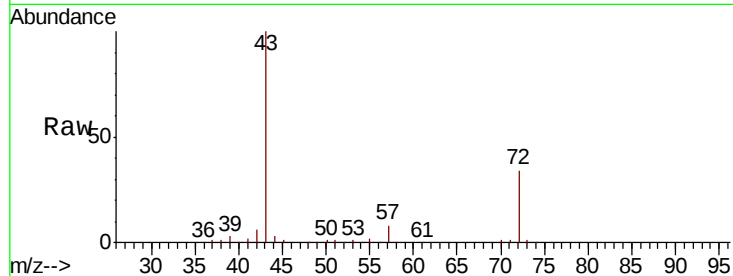
ClientSampled :

Tot Ion: 43 Resp: 316490

Ion Ratio Lower Upper

43 100

72 33.5 20.8 31.2#



#27

cis-1,2-Dichloroethene

Concen: 1.070 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

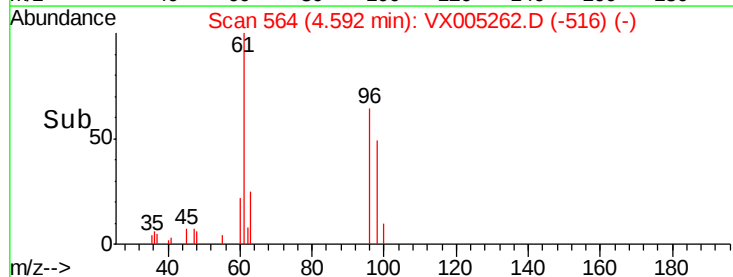
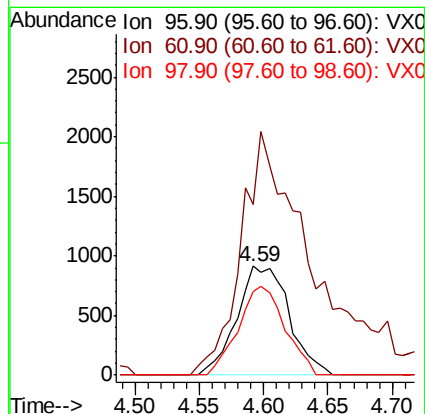
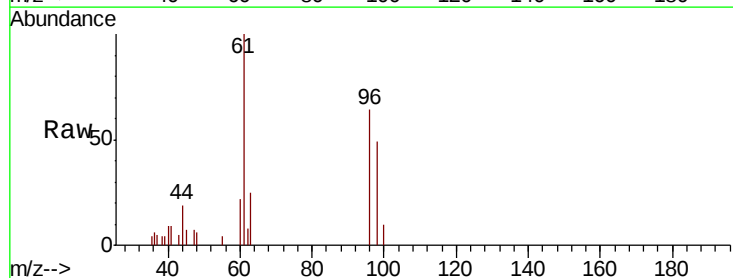
Tgt Ion: 96 Resp: 2577

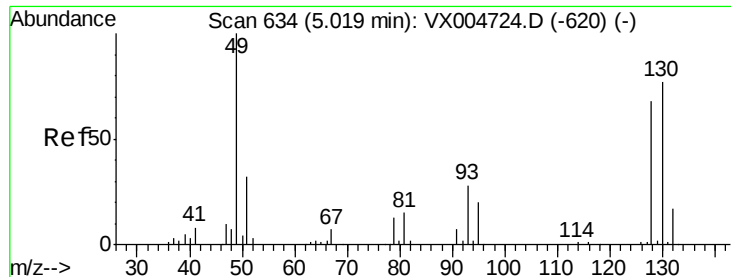
Ion Ratio Lower Upper

96 100

61 301.9 0.0 285.8#

98 72.8 0.0 136.2





#28

Bromochloromethane

Concen: 0.499 ug/l

RT: 5.20 min Scan# 663

Delta R.T. 0.18 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

Instrument :

MSVOA_X

ClientSampleId :

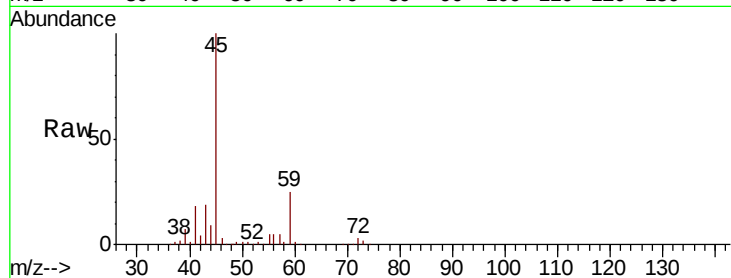
Tot Ion: 49 Resp: 1015

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

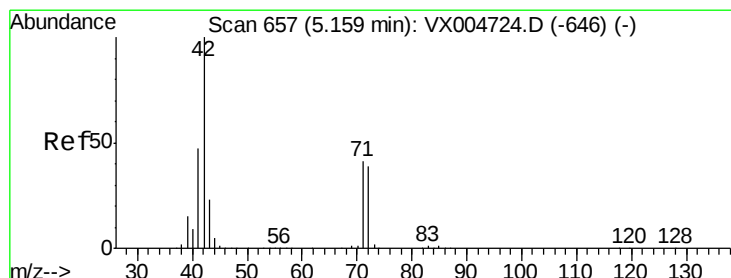
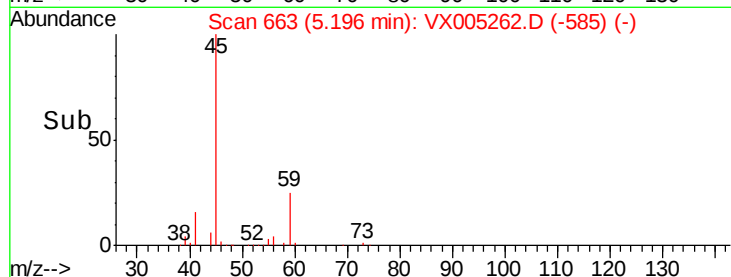
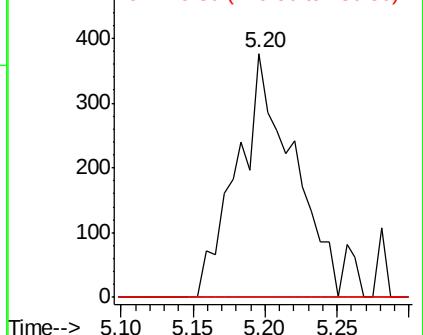
130 0.0 62.0 93.0#



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



#29

Tetrahydrofuran

Concen: 6.274 ug/l

RT: 5.20 min Scan# 663

Delta R.T. 0.04 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

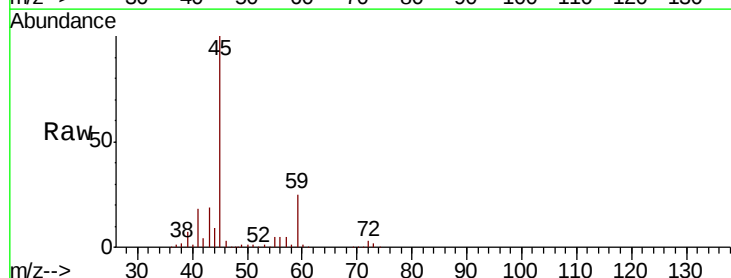
Tgt Ion: 42 Resp: 8712

Ion Ratio Lower Upper

42 100

72 64.2 33.7 50.5#

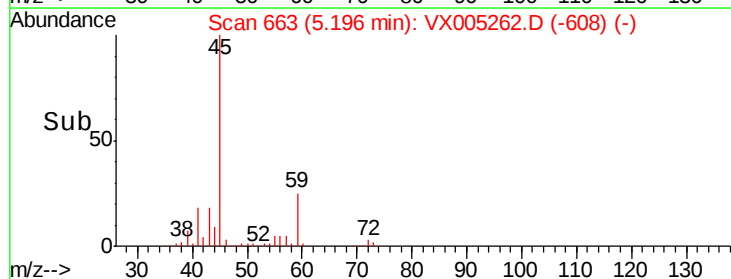
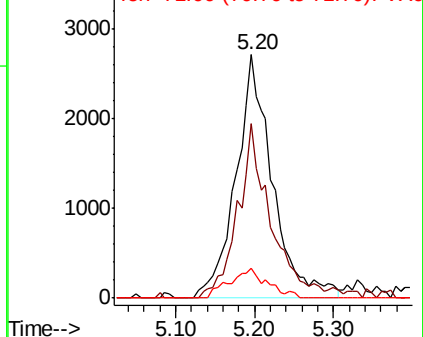
71 12.7 32.2 48.4#

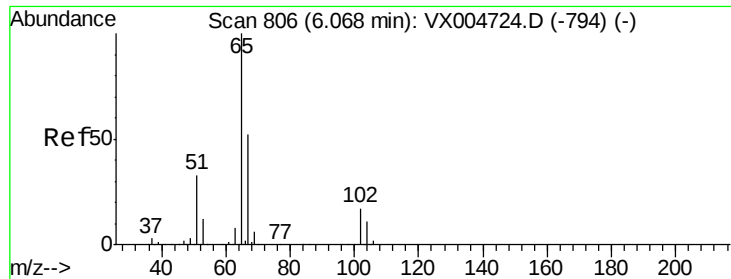


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.826 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

Instrument :

MSVOA_X

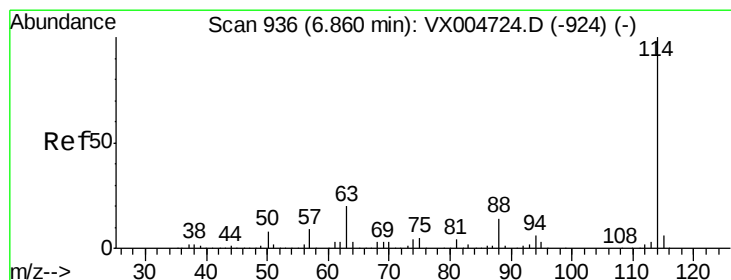
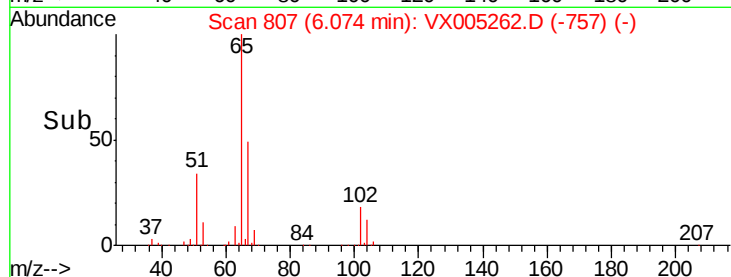
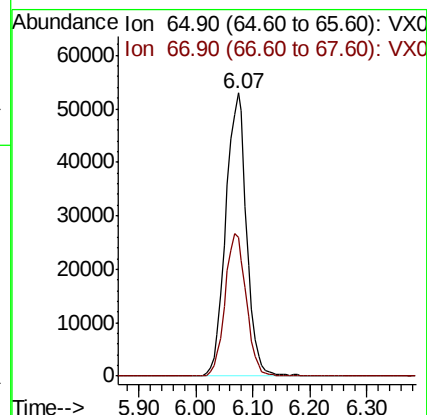
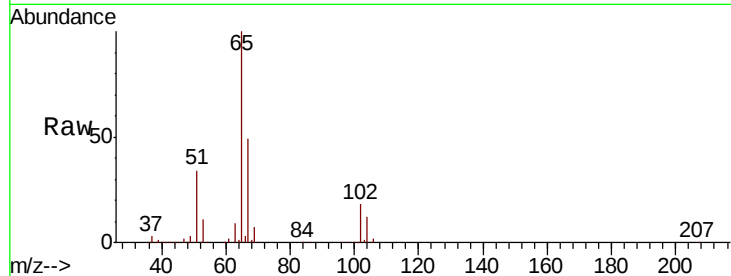
ClientSampleId :

Tot Ion: 65 Resp: 134548

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

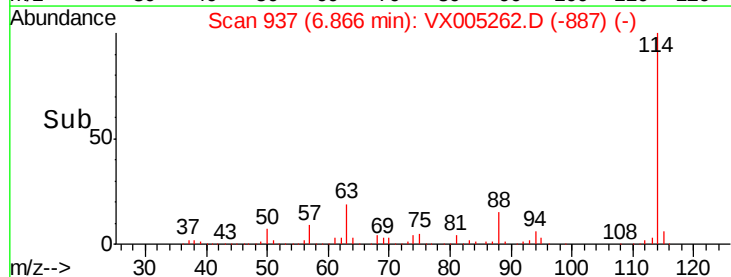
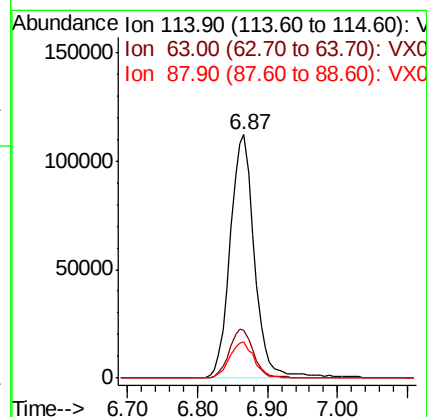
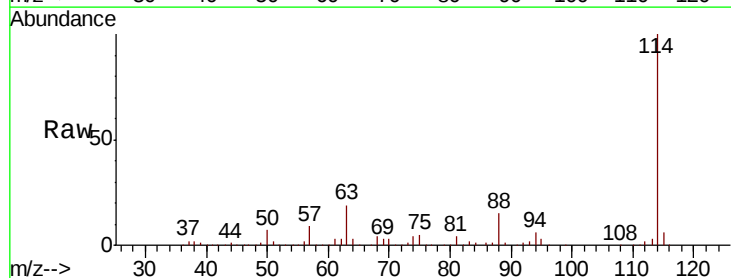
Tgt Ion: 114 Resp: 270887

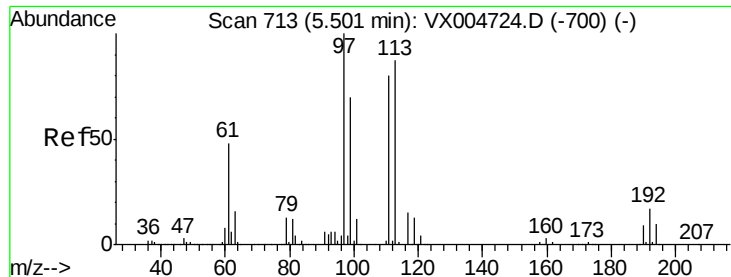
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

88 14.7 0.0 27.0

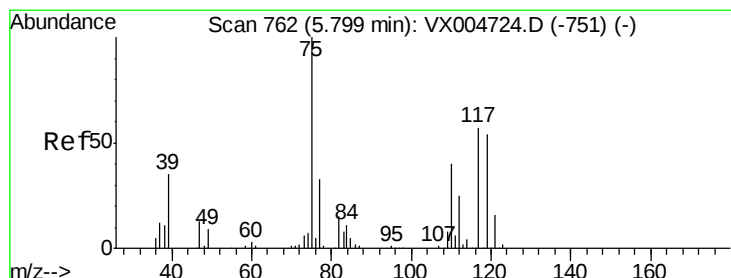
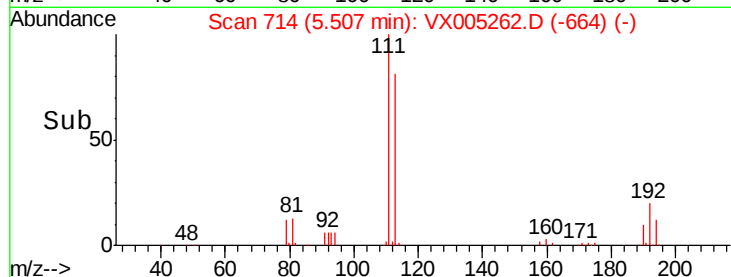
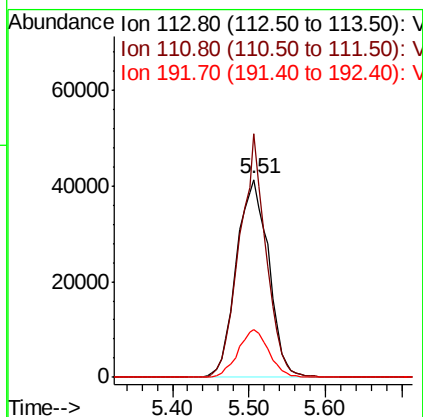
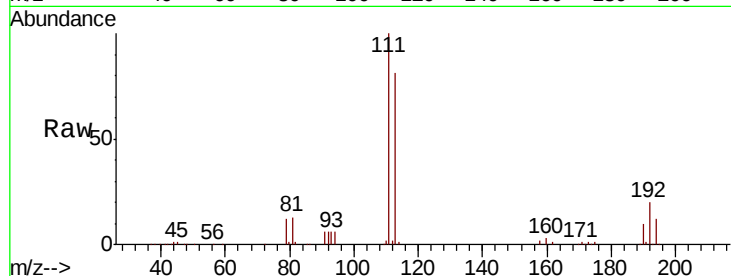




#35
 Dibromofluoromethane
 Concen: 52.944 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005262.D
 Acq: 11 Oct 2018 19:06

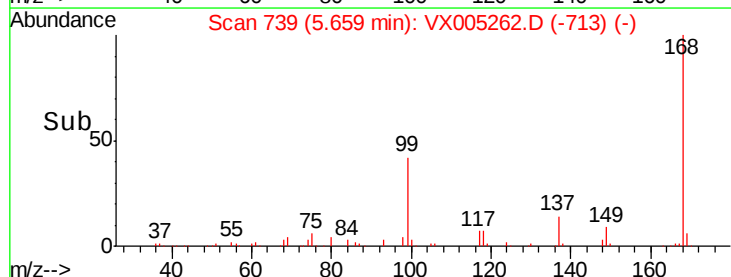
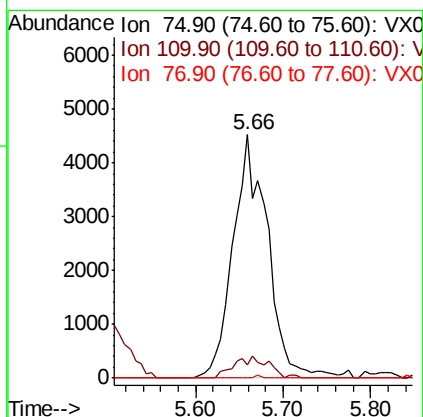
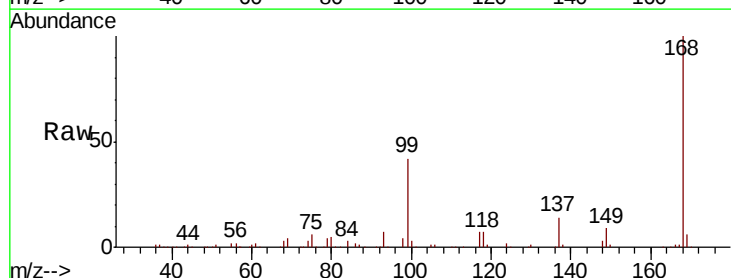
Instrument :
 MSVOA_X
 ClientSampleId :

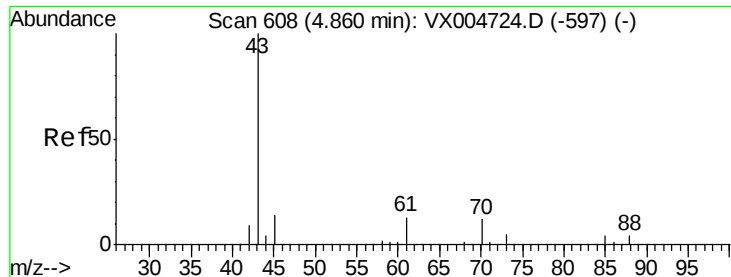
Tot Ion:113 Resp: 121549
 Ion Ratio Lower Upper
 113 100
 111 100.9 77.0 115.4
 192 23.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 3.936 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005262.D
 Acq: 11 Oct 2018 19:06

Tgt Ion: 75 Resp: 12328
 Ion Ratio Lower Upper
 75 100
 110 4.0 20.0 59.9#
 77 0.2 27.1 40.7#





#37

Ethyl Acetate

Concen: 76.118 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

Instrument :

MSVOA_X

ClientSampled :

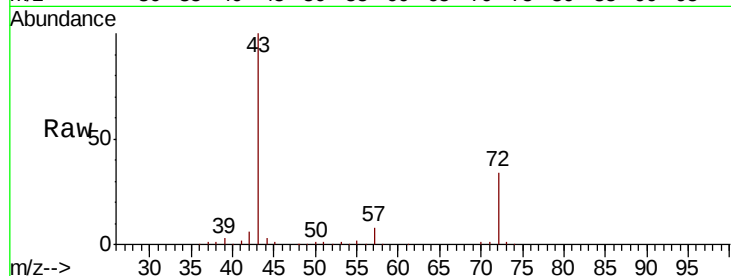
Tot Ion: 43 Resp: 316490

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

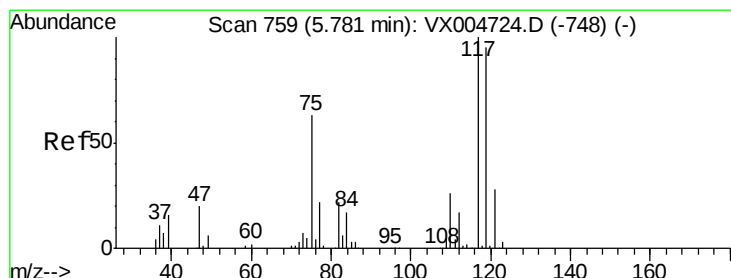
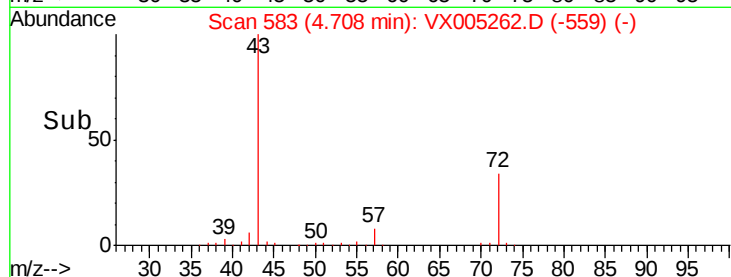
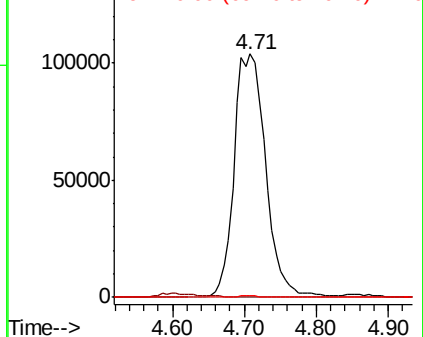
70 0.5 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.038 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

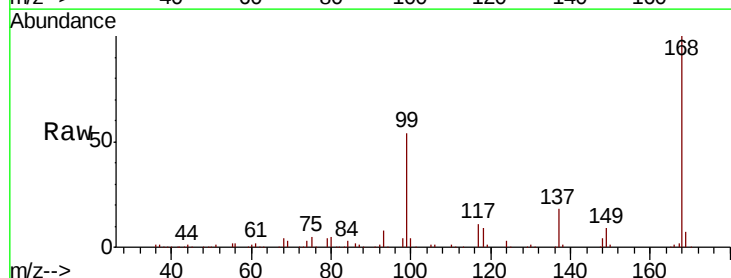
Tgt Ion: 117 Resp: 16587

Ion Ratio Lower Upper

117 100

119 5.3 75.2 112.8#

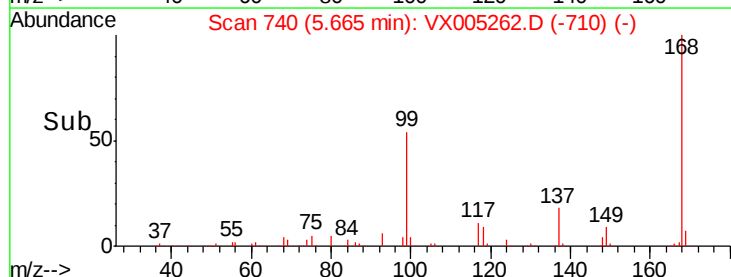
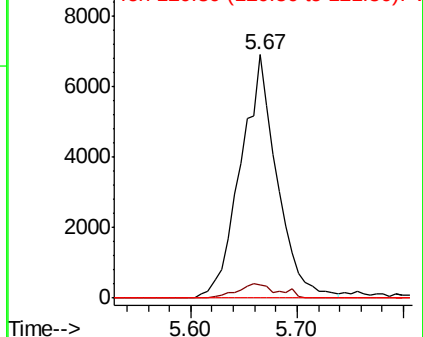
121 0.0 22.5 33.7#

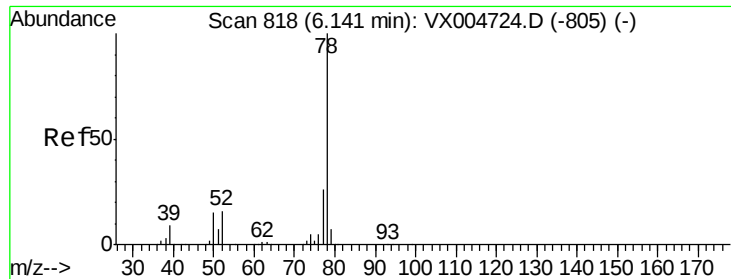


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

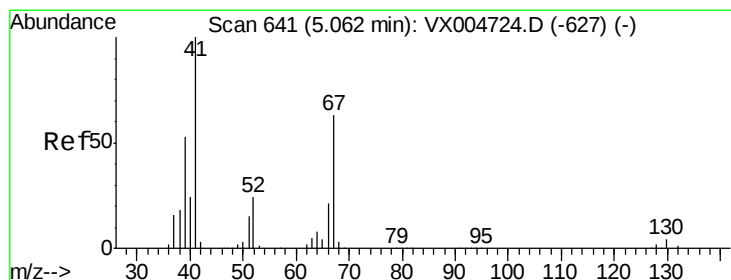
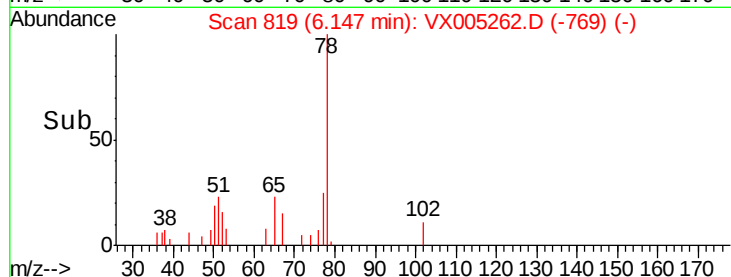
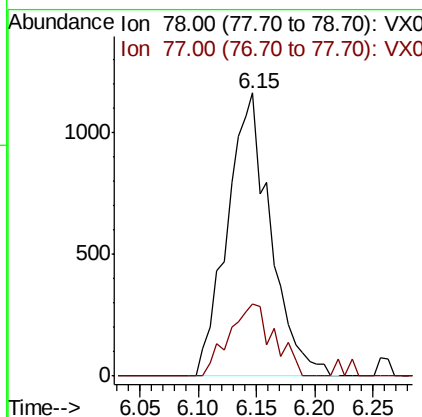
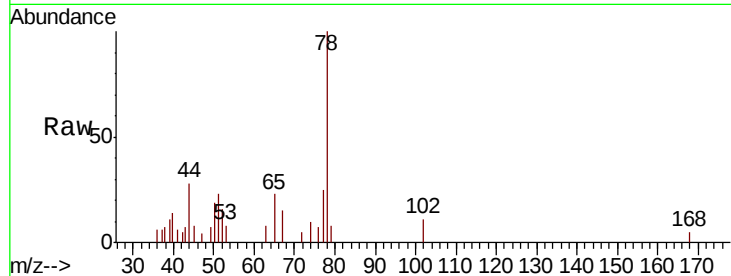




#40
Benzene
Concen: 0.306 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

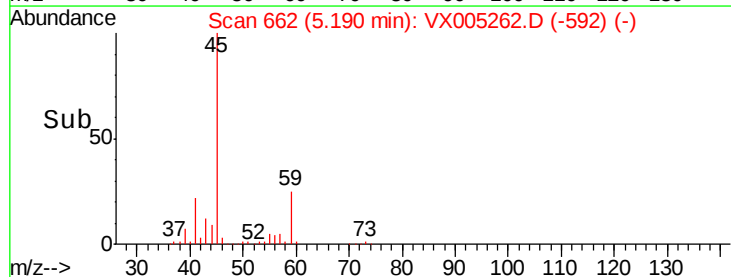
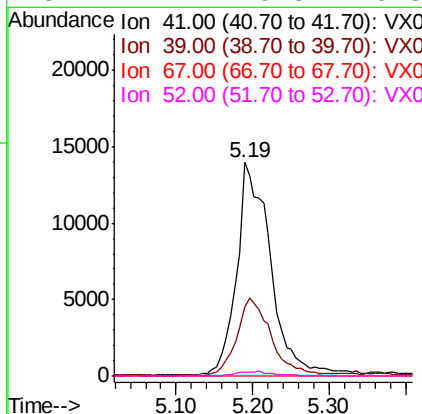
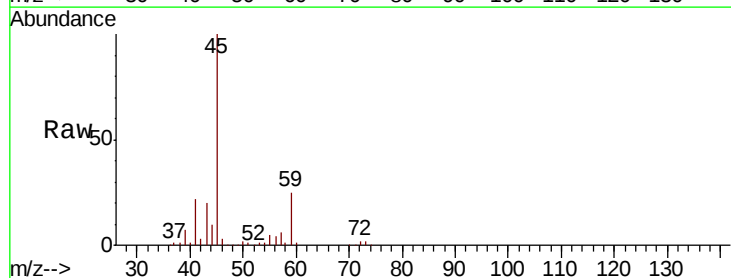
Instrument :
MSVOA_X
ClientSampled :

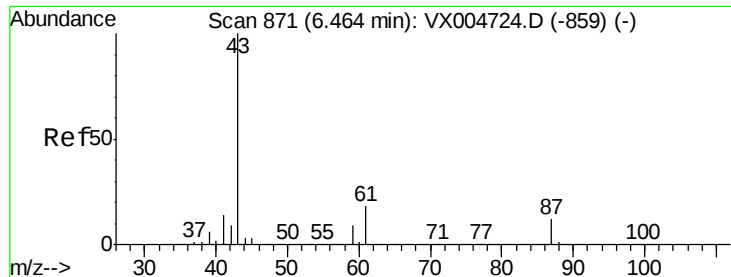
Tot Ion: 78 Resp: 3000
Ion Ratio Lower Upper
78 100
77 25.5 21.0 31.4



#41
Methacrylonitrile
Concen: 18.360 ug/l
RT: 5.19 min Scan# 662
Delta R.T. 0.13 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Tgt Ion: 41 Resp: 42336
Ion Ratio Lower Upper
41 100
39 37.9 42.5 63.7#
67 0.0 53.0 79.6#
52 2.2 19.8 29.8#





#43

Isopropyl Acetate

Concen: 0.766 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

Instrument :

MSVOA_X

ClientSampleId :

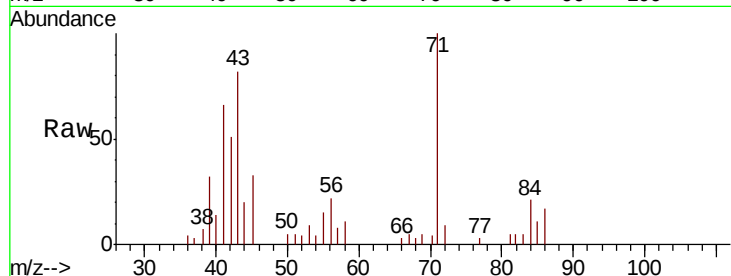
Tot Ion: 43 Resp: 4595

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

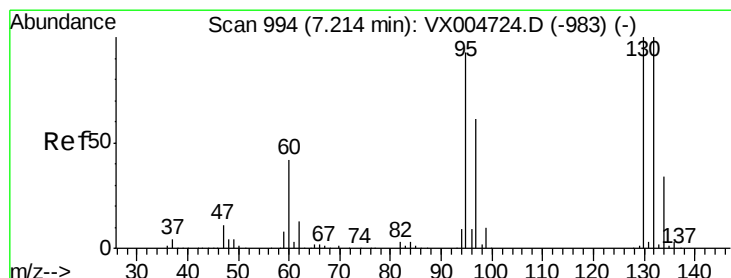
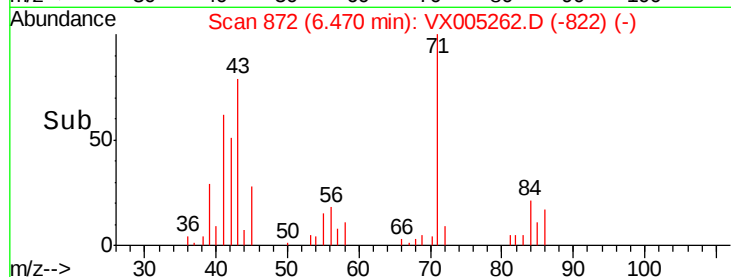
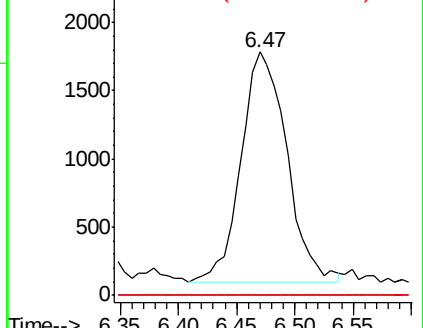
87 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.128 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX005262.D

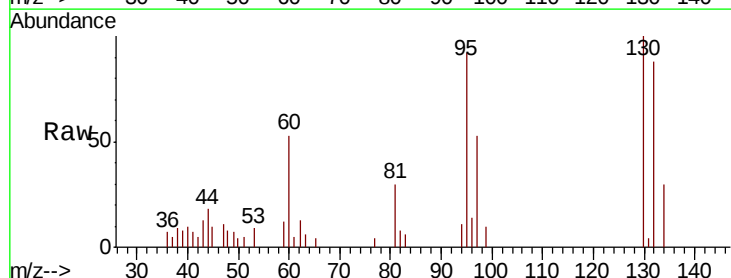
Acq: 11 Oct 2018 19:06

Tgt Ion: 130 Resp: 2720

Ion Ratio Lower Upper

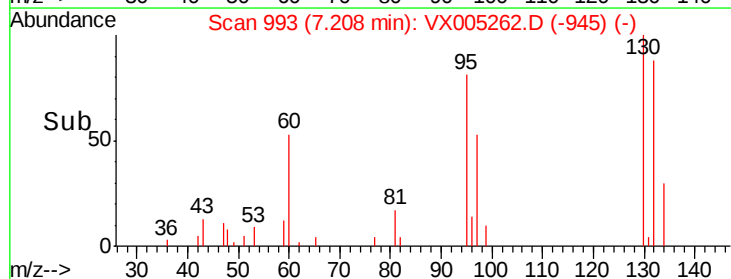
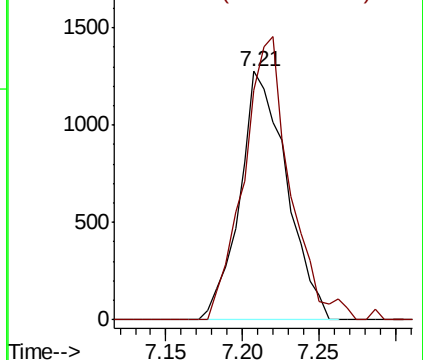
130 100

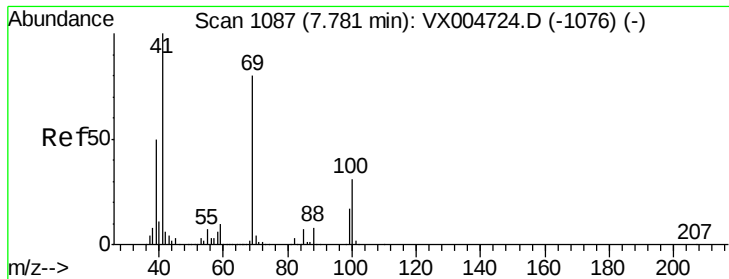
95 92.4 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

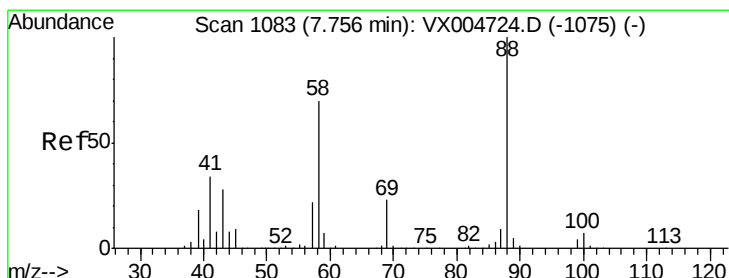
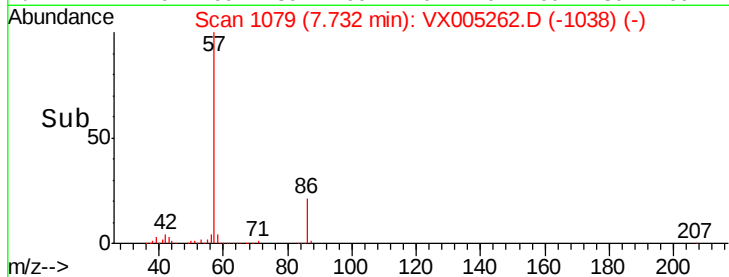
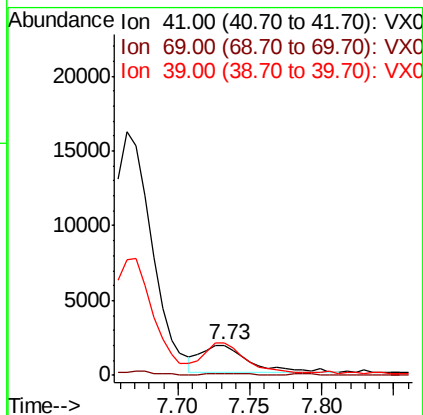
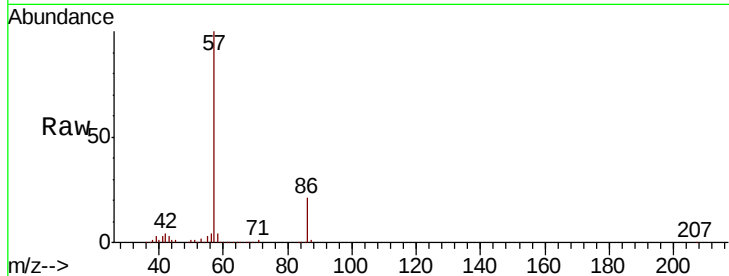




#48
Methvl methacrylate
Concen: 1.568 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.05 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

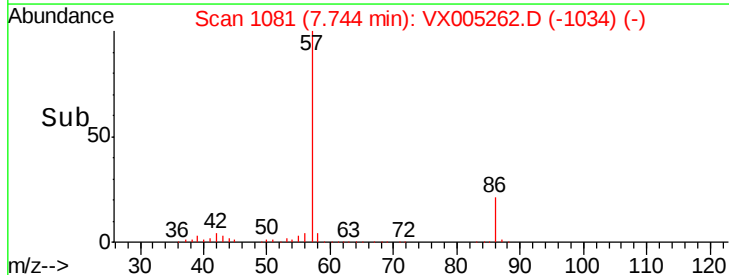
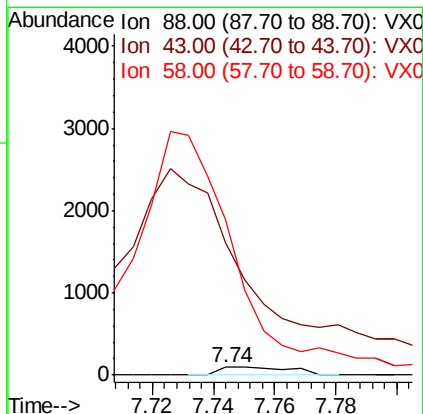
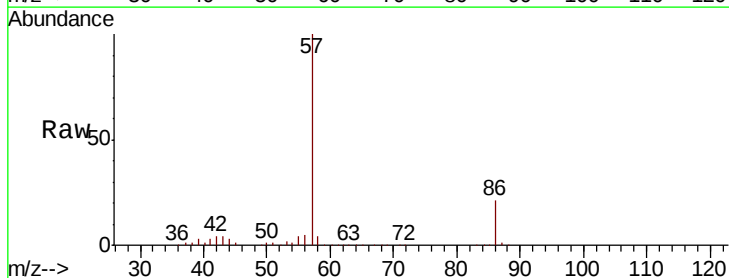
Instrument :
MSVOA_X
ClientSampled :

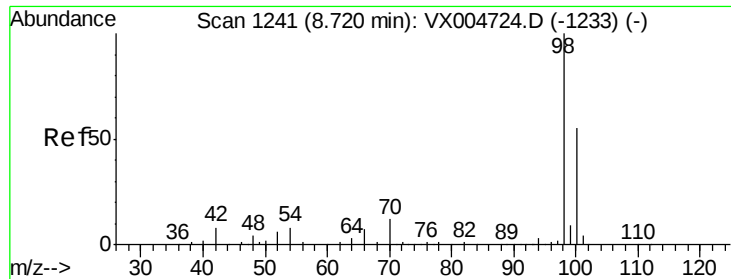
Tot Ion: 41 Resp: 4270
Ion Ratio Lower Upper
41 100
69 5.5 63.8 95.6#
39 90.7 40.7 61.1#



#49
1,4-Dioxane
Concen: 2.320 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Tgt Ion: 88 Resp: 157
Ion Ratio Lower Upper
88 100
43 3472.6 25.1 37.7#
58 3588.5 56.2 84.2#

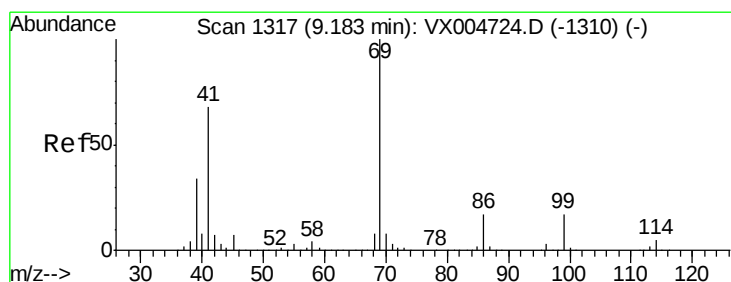
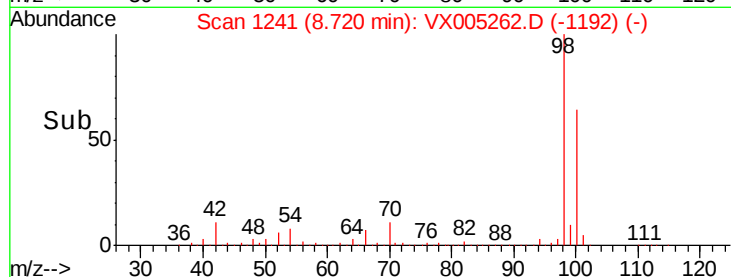
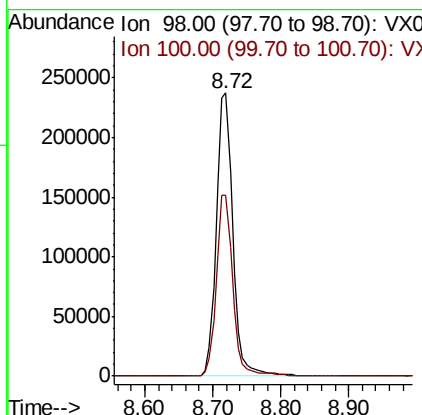
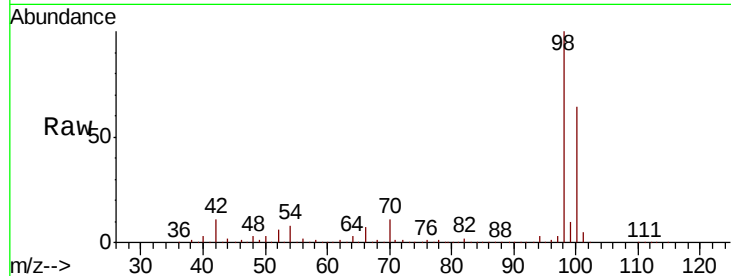




#50
Toluene-d8
Concen: 52.402 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

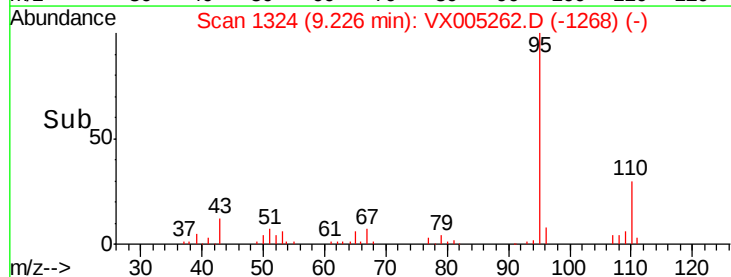
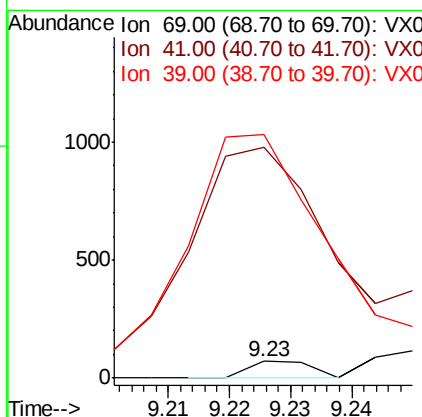
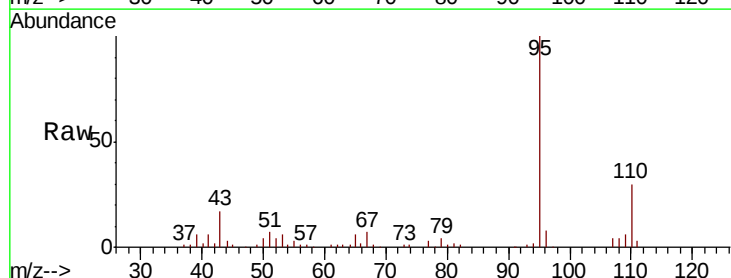
Instrument :
MSVOA_X
ClientSampled :

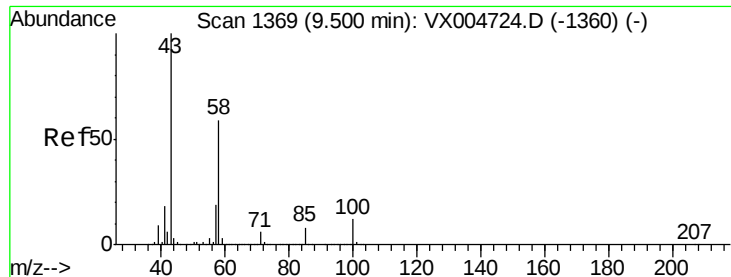
Tot Ion: 98 Resp: 399954
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#56
Ethyl methacrylate
Concen: 2.874 ug/l
RT: 9.23 min Scan# 1324
Delta R.T. 0.04 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Tgt Ion: 69 Resp: 50
Ion Ratio Lower Upper
69 100
41 3612.0 56.9 85.3#
39 3394.0 28.4 42.6#

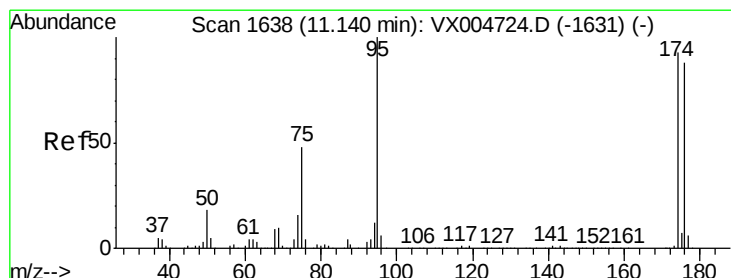
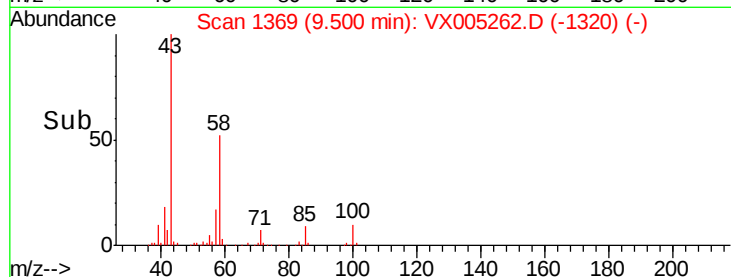
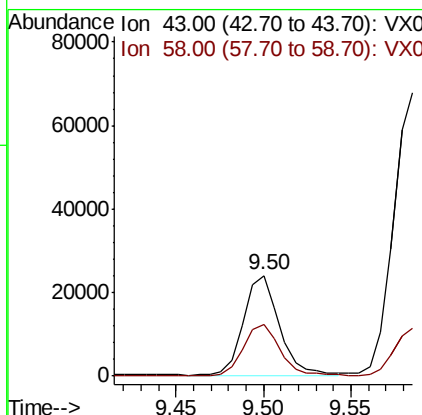
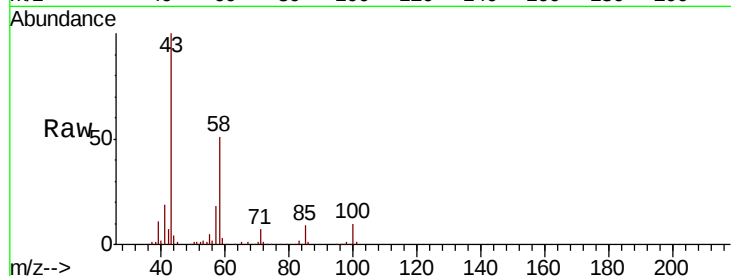




#59
2-Hexanone
Concen: 10.743 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

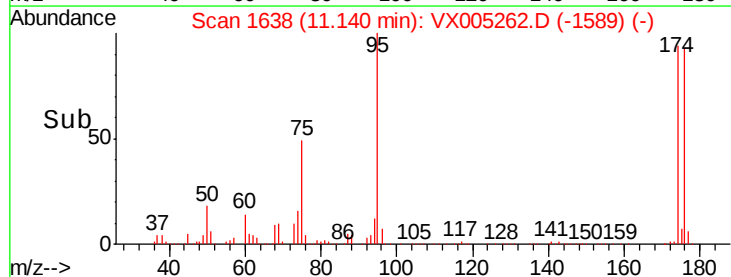
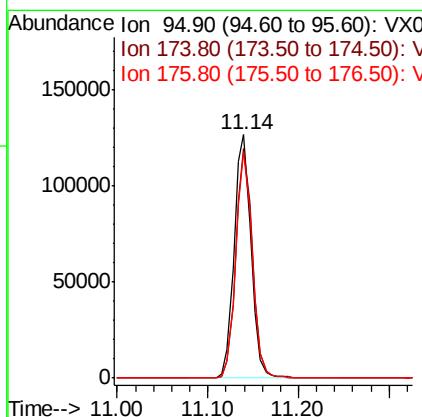
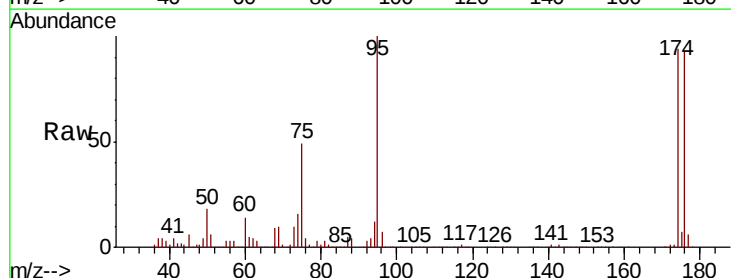
Instrument :
MSVOA_X
ClientSampleId :

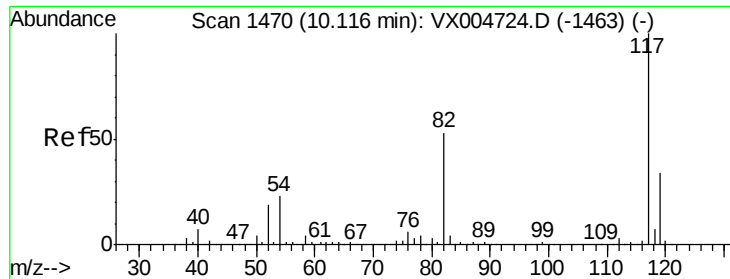
Tot Ion: 43 Resp: 33827
Ion Ratio Lower Upper
43 100
58 53.3 28.4 85.3



#62
4-Bromofluorobenzene
Concen: 59.535 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Tgt Ion: 95 Resp: 163698
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.0
176 90.5 0.0 180.2

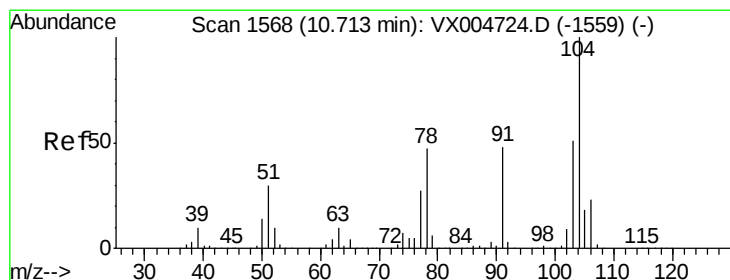
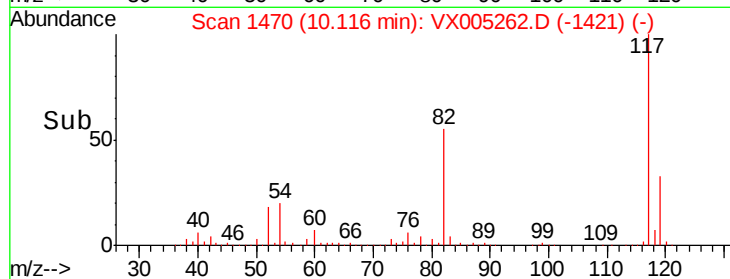
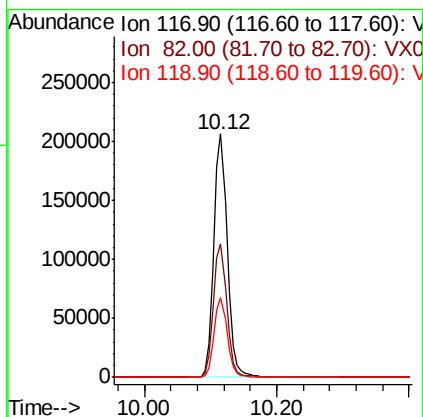
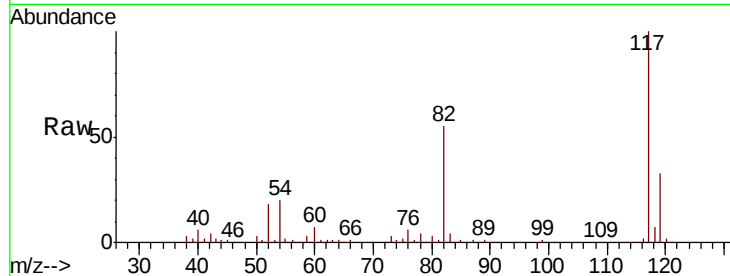




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

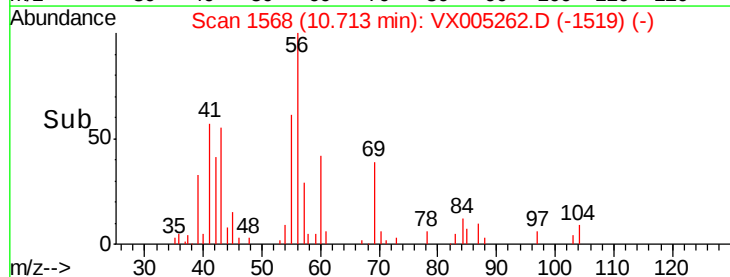
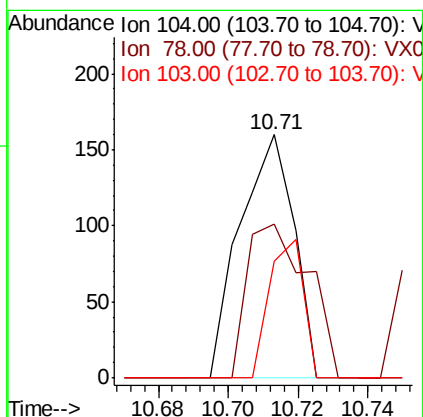
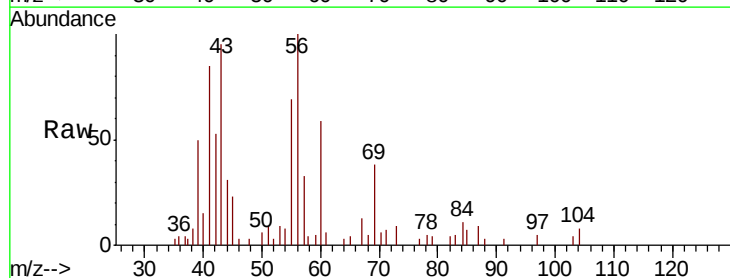
Instrument :
MSVOA_X
ClientSampled :

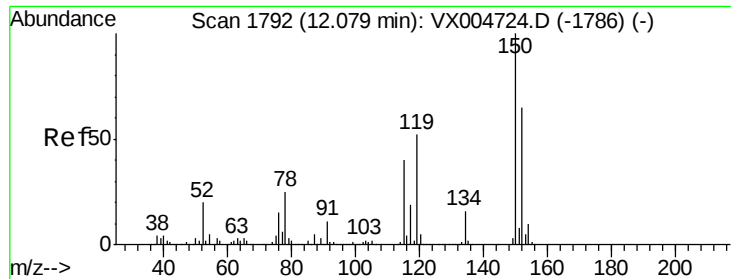
Tot Ion:117 Resp: 287230
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.4
119 33.0 27.4 41.0



#70
Styrene
Concen: 2.161 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Tgt Ion:104 Resp: 171
Ion Ratio Lower Upper
104 100
78 71.3 40.0 60.0#
103 35.7 44.3 66.5#



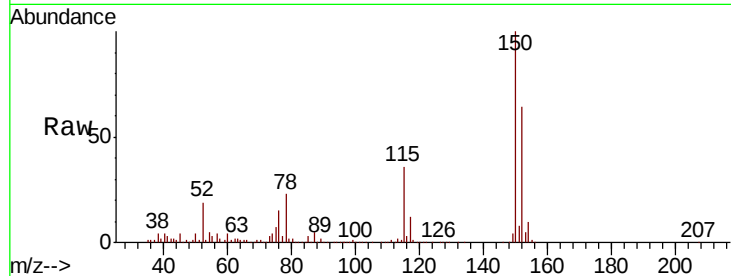


#72

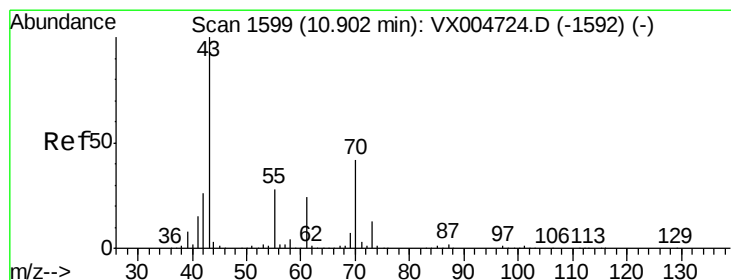
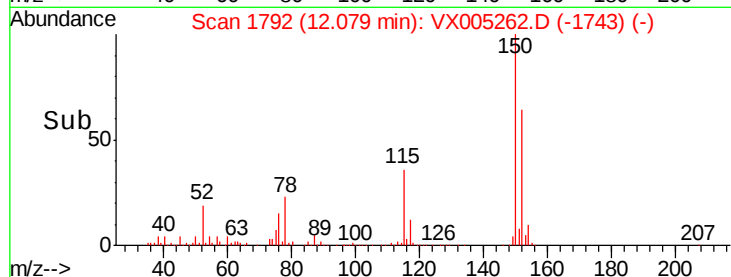
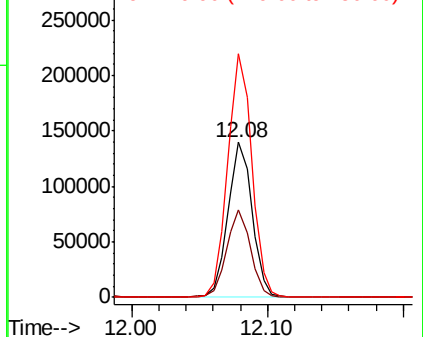
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:152 Resp: 172499
Ion Ratio Lower Upper
152 100
115 57.1 40.2 120.6
150 156.9 0.0 351.0



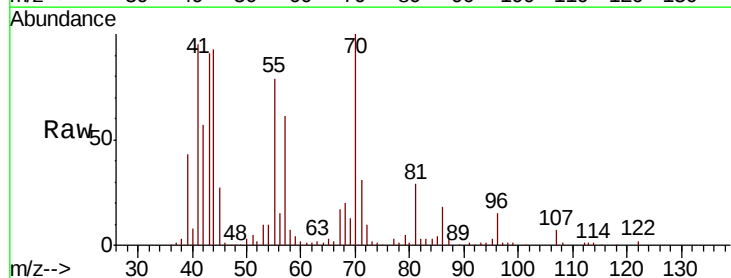
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



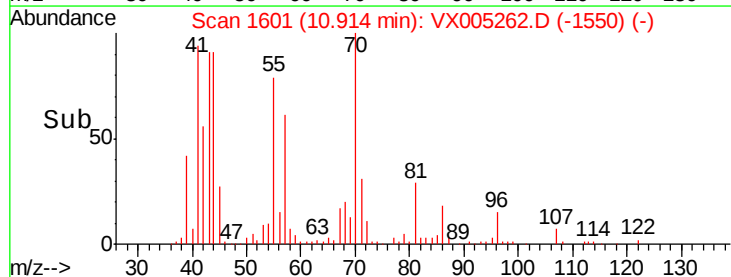
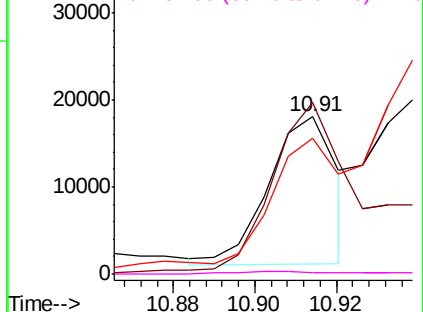
#74

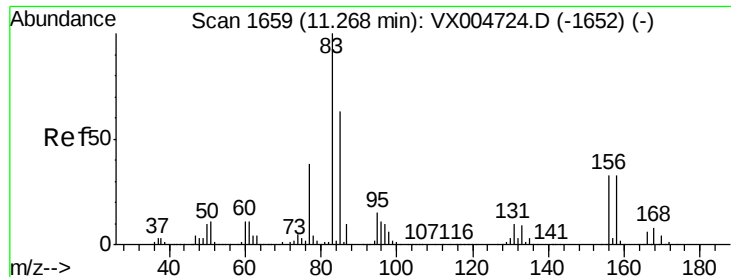
N-ethyl acetate
Concen: 4.903 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Tgt Ion: 43 Resp: 19541
Ion Ratio Lower Upper
43 100
70 193.3 32.6 48.8#
55 94.4 21.6 32.4#
61 3.0 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.564 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.13 min

Lab File: VX005262.D

Acq: 11 Oct 2018 19:06

Instrument :

MSVOA_X

ClientSampled :

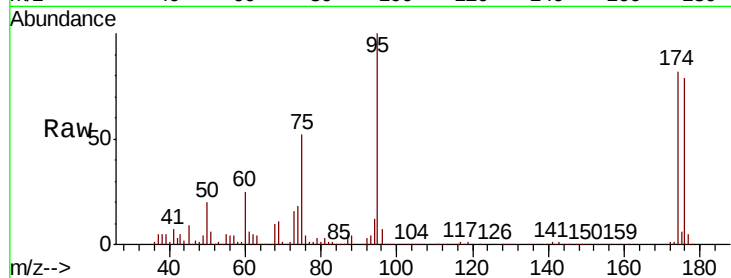
Tot Ion: 83 Resp: 2496

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.3

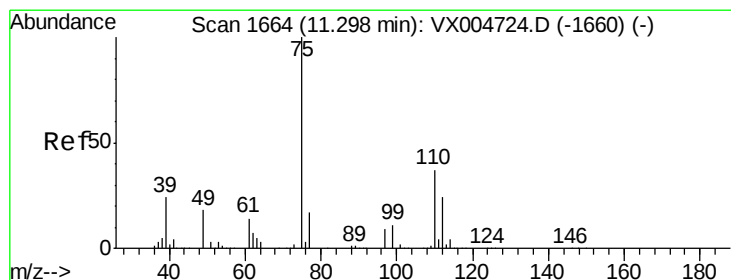
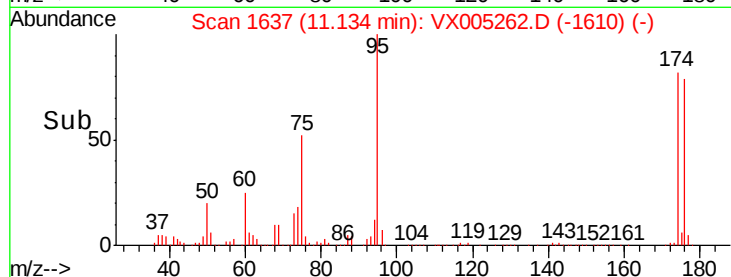
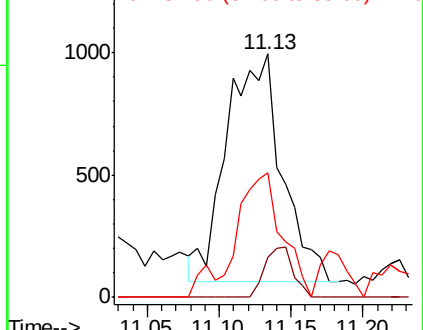
85 41.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.297 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005262.D

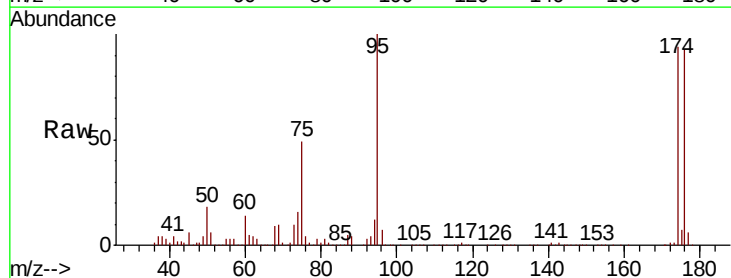
Acq: 11 Oct 2018 19:06

Tgt Ion: 75 Resp: 82342

Ion Ratio Lower Upper

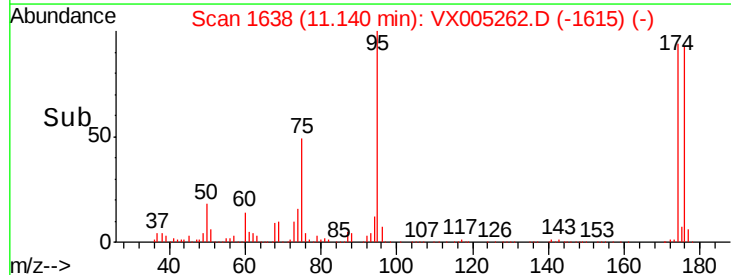
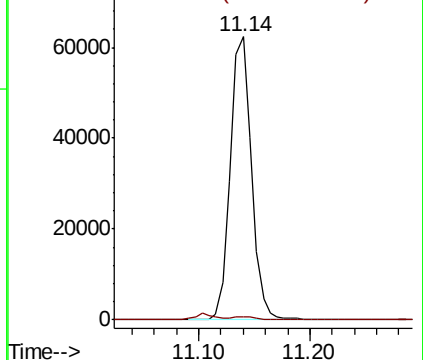
75 100

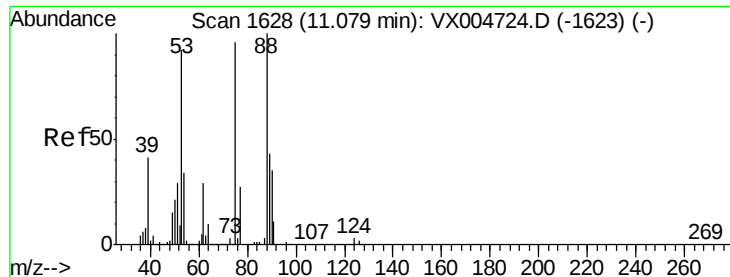
77 1.1 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

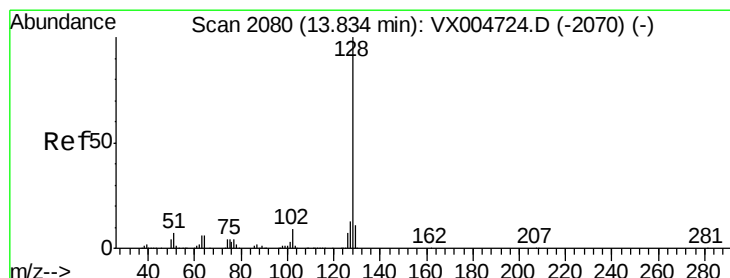
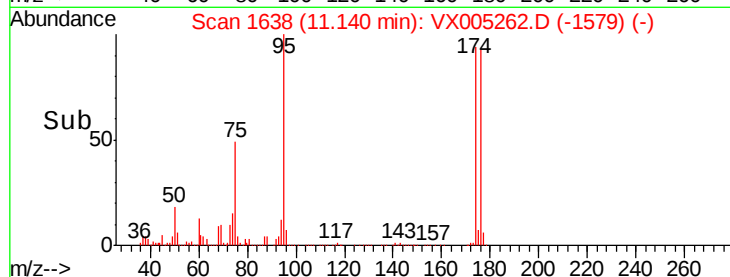
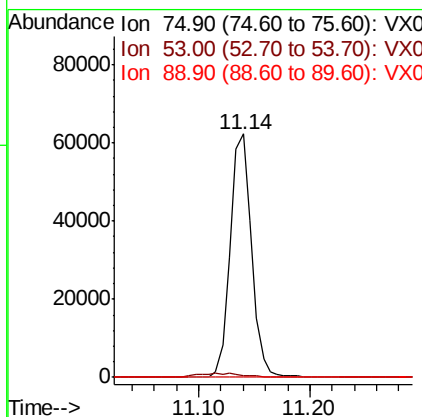
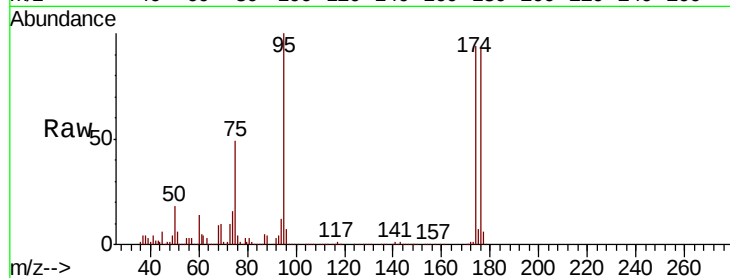




#81
trans-1,4-Dichloro-2-butene
Concen: 57.764 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 82342
Ion Ratio Lower Upper
75 100
53 2.7 80.2 120.4#
89 0.0 37.1 55.7#



#95
Naphthalene
Concen: 0.779 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005262.D
Acq: 11 Oct 2018 19:06

Tgt Ion:128 Resp: 866
Ion Ratio Lower Upper
128 100
127 14.5 10.4 15.6
129 9.1 8.7 13.1

