

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005174.D
 Acq On : 09 Oct 2018 22:04
 Operator : JC/MD
 Sample : J5284-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-104D2-20181003

Quant Time: Oct 10 05:56:00 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	5.67	168	178744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164635	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	138912	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
35) Dibromofluoromethane	5.50	113	117487	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	8.72	98	414383	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.14	95	151269	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	

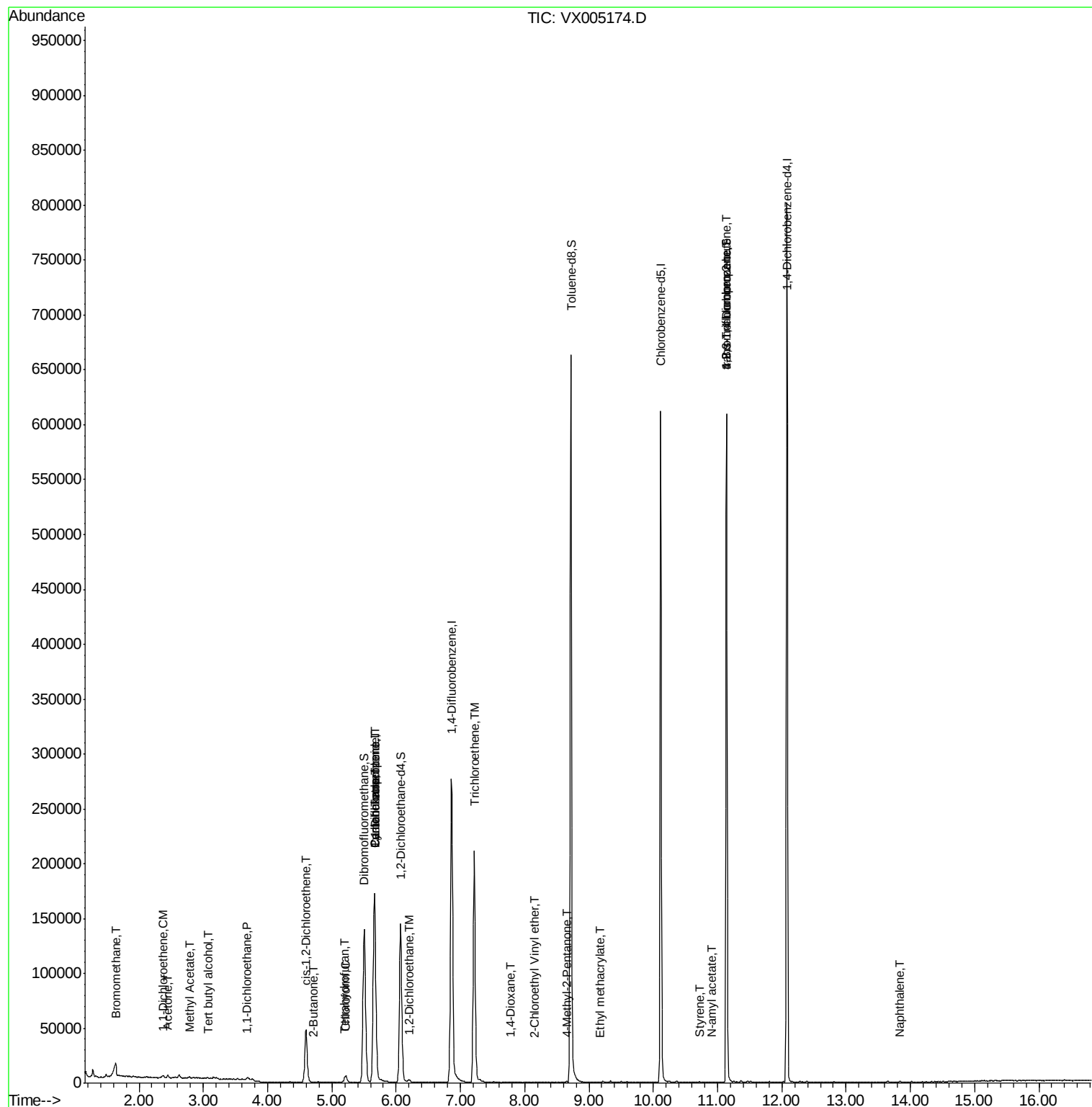
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	528	0.321	ug/l #	65
6) Chloroethane	1.68	64	251	Below Cal	#	45
11) Tert butyl alcohol	3.07	59	492	0.689	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	679	0.351	ug/l #	62
16) Acetone	2.45	43	2794	1.874	ug/l #	65
18) Methyl Acetate	2.78	43	1092	0.289	ug/l #	89
20) Methylene Chloride	2.86	84	394	Below Cal	#	83
24) 1,1-Dichloroethane	3.69	63	1372	0.323	ug/l #	76
25) 2-Butanone	4.71	43	1373	0.625	ug/l #	78
27) cis-1,2-Dichloroethene	4.60	96	30057	12.691	ug/l	94
29) Tetrahydrofuran	5.19	42	564	0.413	ug/l #	41
30) Chloroform	5.21	83	6892	1.718	ug/l	97
31) Cyclohexane	5.66	56	3496	1.076	ug/l #	6
36) 1,1-Dichloropropene	5.66	75	12209	3.751	ug/l #	46
38) Carbon Tetrachloride	5.67	117	16405	4.795	ug/l #	19
42) 1,2-Dichloroethane	6.20	62	2218	0.616	ug/l	91
44) Trichloroethene	7.21	130	85121	33.980	ug/l	97
49) 1,4-Dioxane	7.77	88	214	3.043	ug/l #	62
51) 4-Methyl-2-Pentanone	8.65	43	798	0.203	ug/l	94
56) Ethyl methacrylate	9.18	69	50	2.874	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.15	63	29	14.255	ug/l #	49
70) Styrene	10.72	104	131	2.156	ug/l #	55
74) N-ethyl acetate	10.90	43	175	1.777	ug/l #	50
76) 1,2,3-Trichloropropane	11.14	75	74086	20.077	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	289	Below Cal		83
81) trans-1,4-Dichloro-2-buten	11.14	75	74086	54.569	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	410	Below Cal		94
95) Naphthalene	13.83	128	509	0.756	ug/l #	75

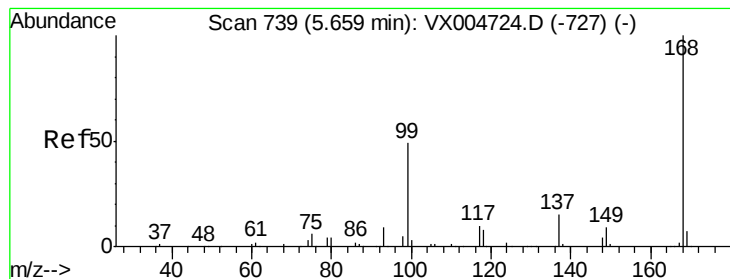
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

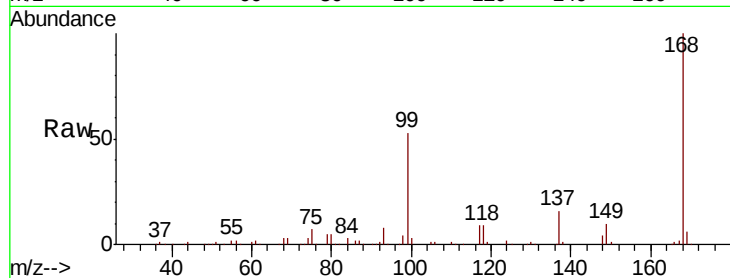
RE-104D2-20181003

Tot Ion:168 Resp: 178744

Ion Ratio Lower Upper

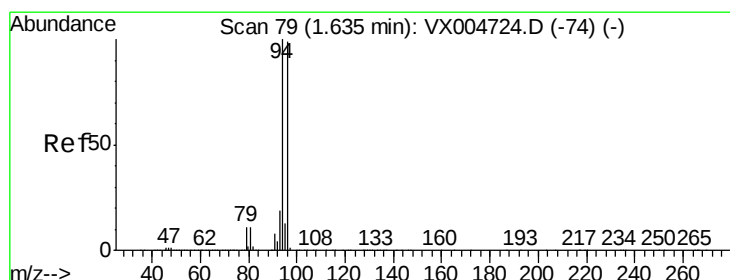
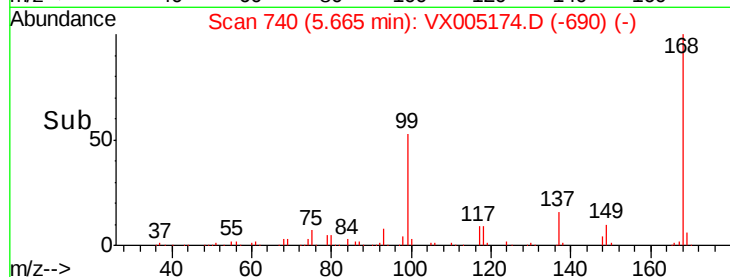
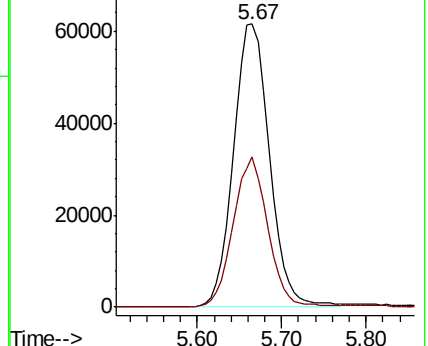
168 100

99 52.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.321 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005174.D

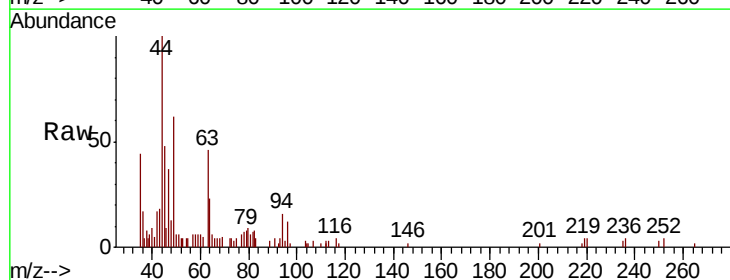
Acq: 09 Oct 2018 22:04

Tgt Ion: 94 Resp: 528

Ion Ratio Lower Upper

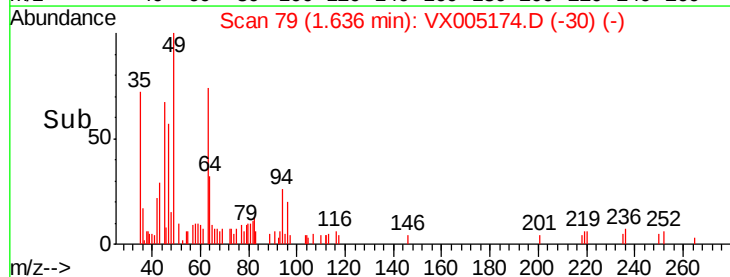
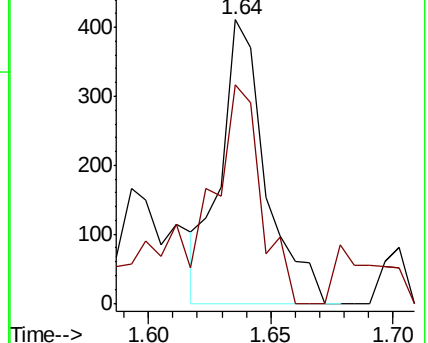
94 100

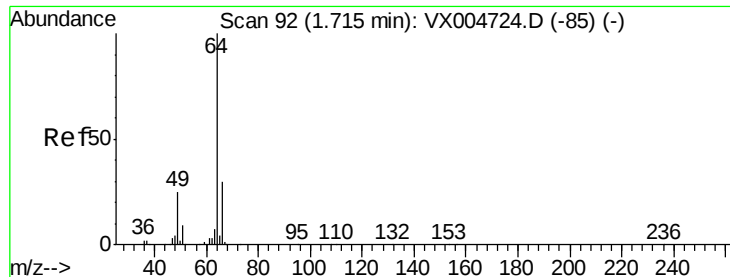
96 64.2 79.5 119.3#



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: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

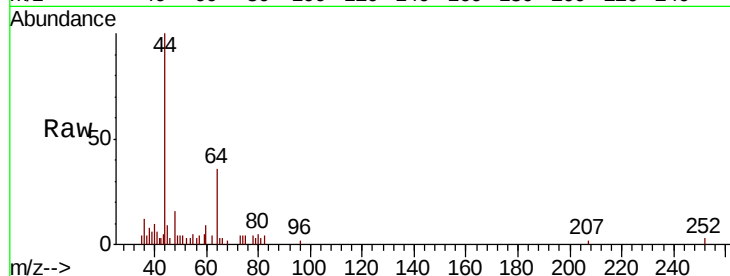
RE-104D2-20181003

Tot Ion: 64 Resp: 251

Ion Ratio Lower Upper

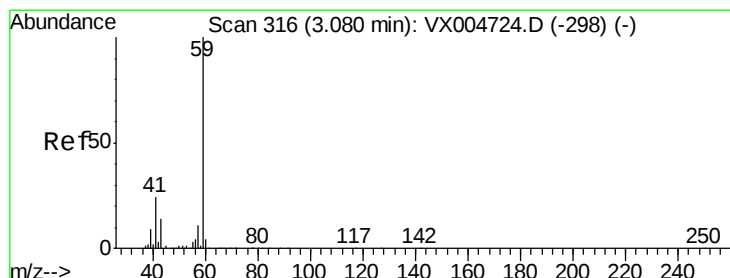
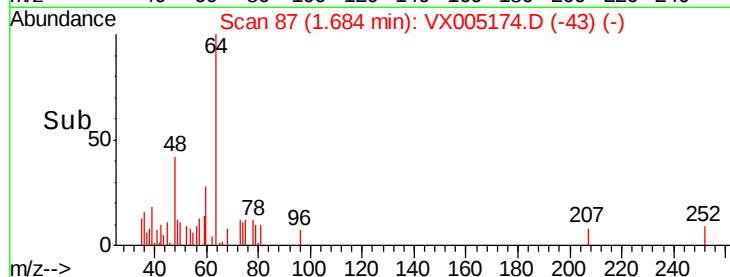
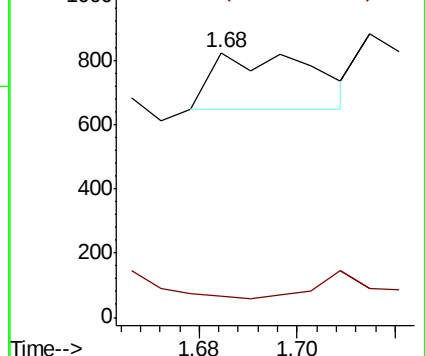
64 100

66 0.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 0.689 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX005174.D

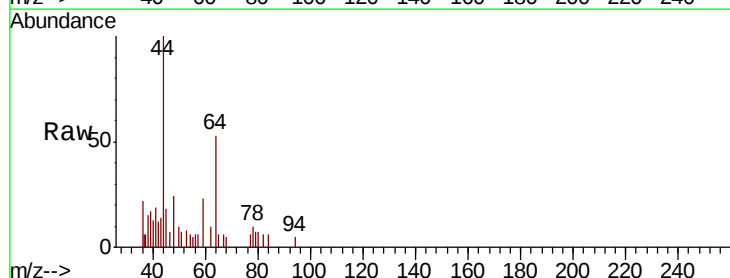
Acq: 09 Oct 2018 22:04

Tgt Ion: 59 Resp: 492

Ion Ratio Lower Upper

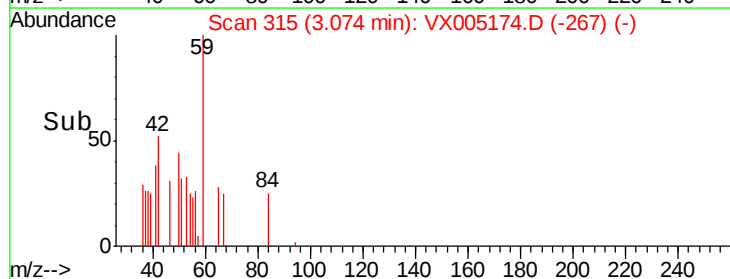
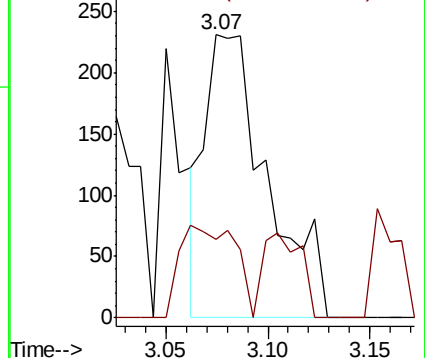
59 100

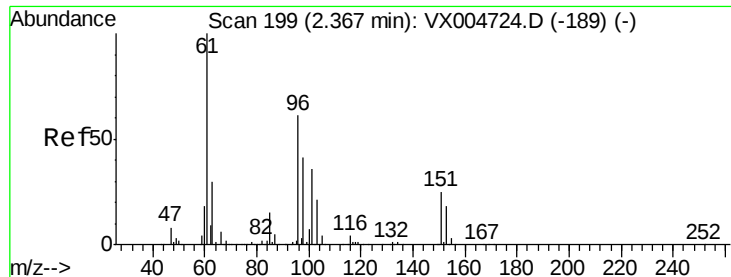
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.351 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

RE-104D2-20181003

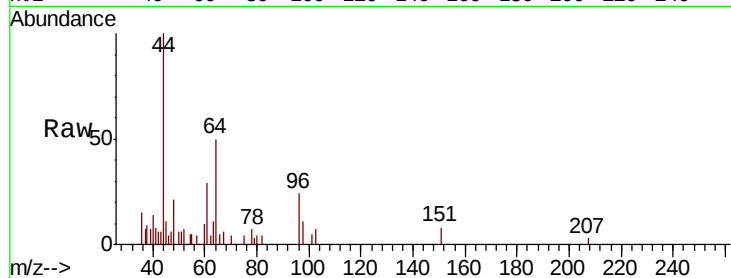
Tot Ion: 96 Resp: 679

Ion Ratio Lower Upper

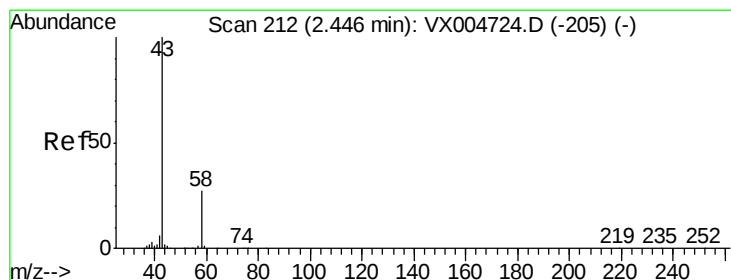
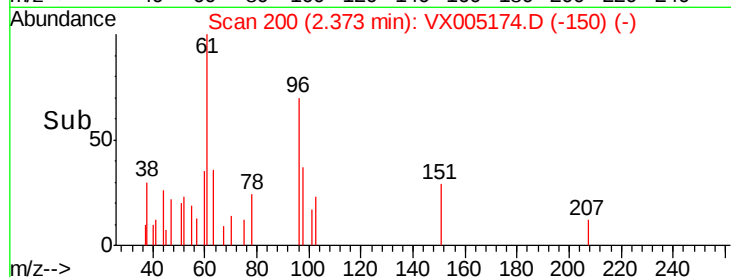
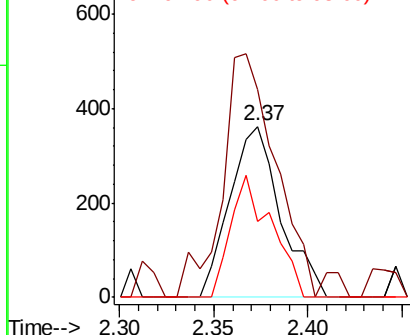
96 100

61 107.2 130.2 195.4#

98 44.6 53.4 80.0#



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



#16

Acetone

Concen: 1.874 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005174.D

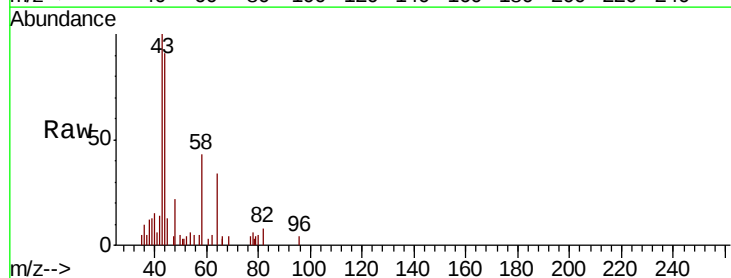
Acq: 09 Oct 2018 22:04

Tgt Ion: 43 Resp: 2794

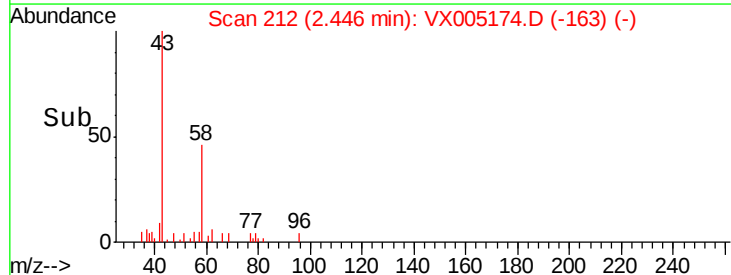
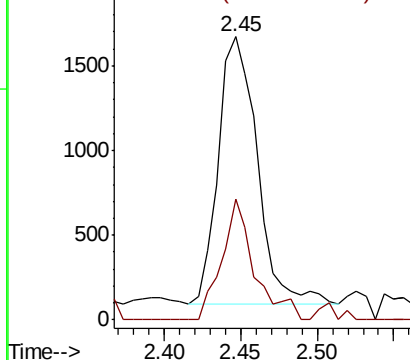
Ion Ratio Lower Upper

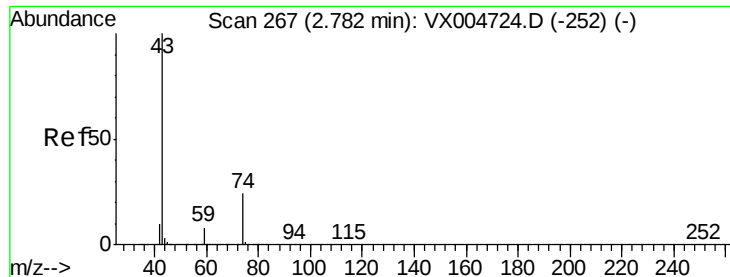
43 100

58 45.5 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 0.289 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

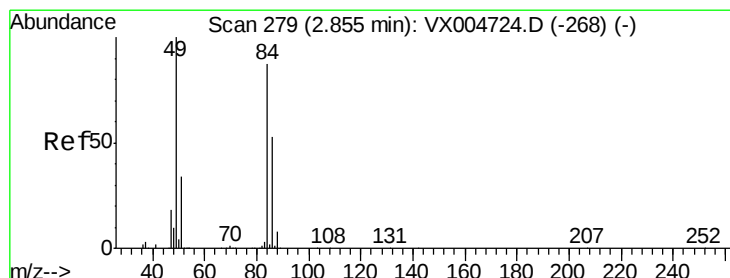
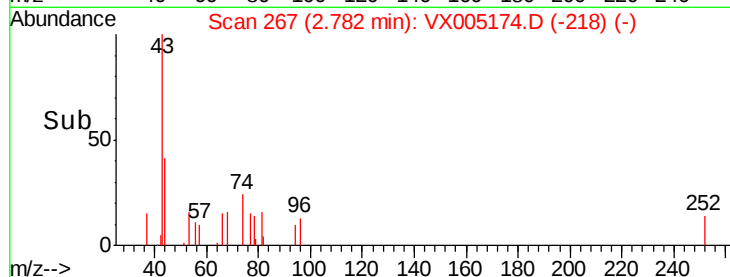
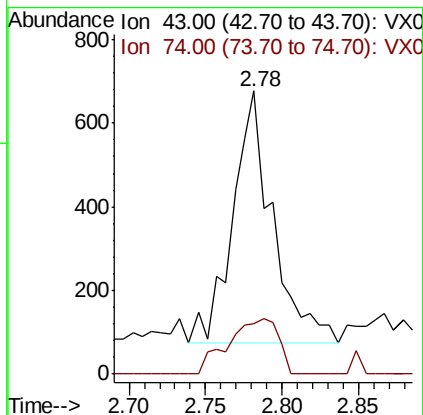
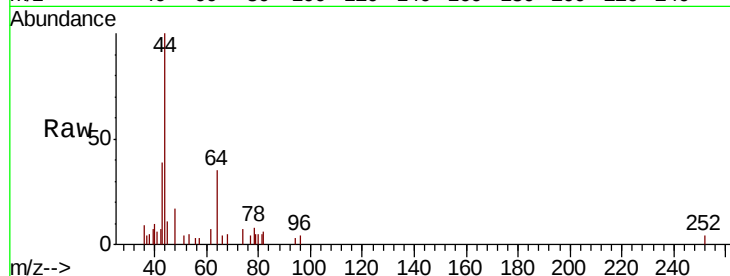
RE-104D2-20181003

Tot Ion: 43 Resp: 1092

Ion Ratio Lower Upper

43 100

74 27.7 17.8 26.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Tgt Ion: 84 Resp: 394

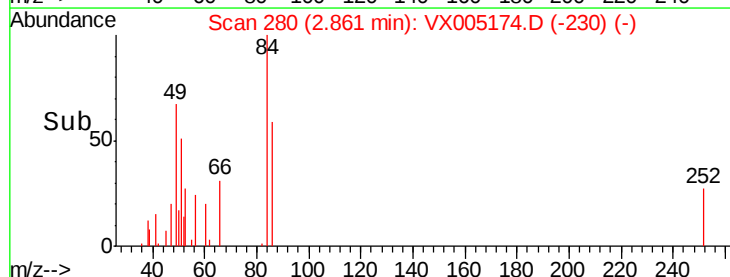
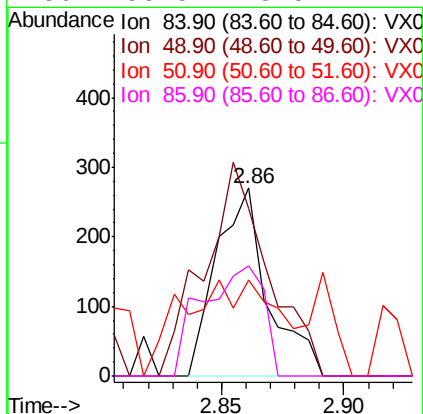
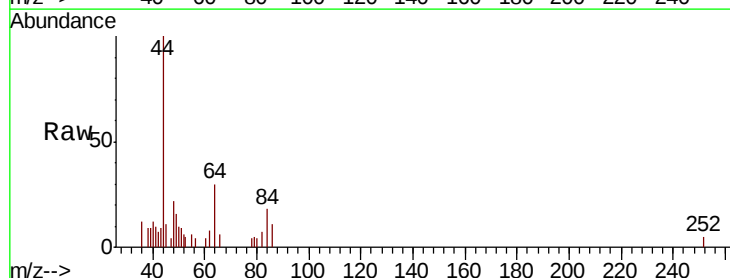
Ion Ratio Lower Upper

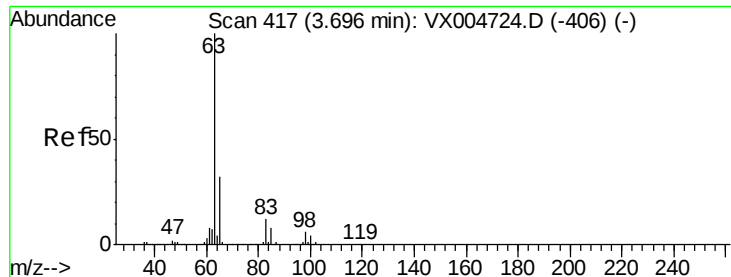
84 100

49 89.3 92.3 138.5#

51 27.8 31.8 47.6#

86 58.5 48.5 72.7





#24

1,1-Dichloroethane

Concen: 0.323 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

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ClientSampleId :

RE-104D2-20181003

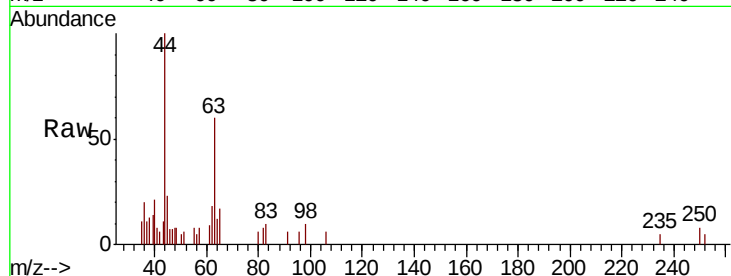
Tot Ion: 63 Resp: 1372

Ion Ratio Lower Upper

63 100

98 16.6 3.0 9.2#

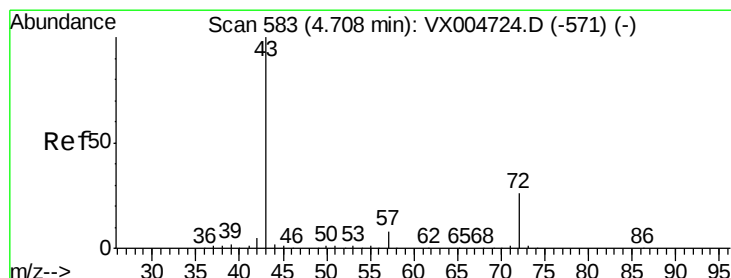
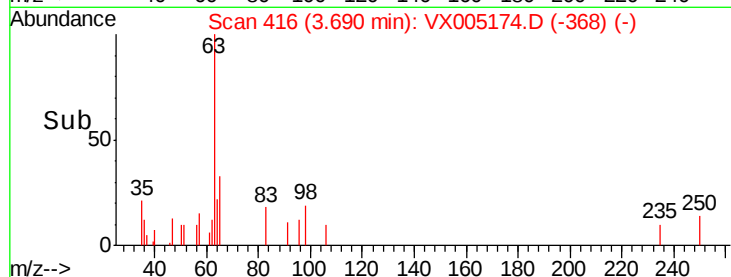
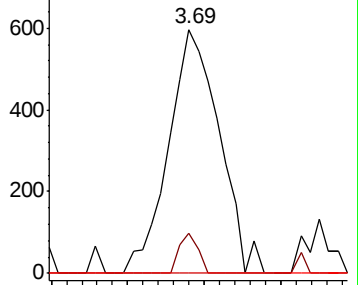
100 0.0 2.0 5.8#



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: 0.625 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX005174.D

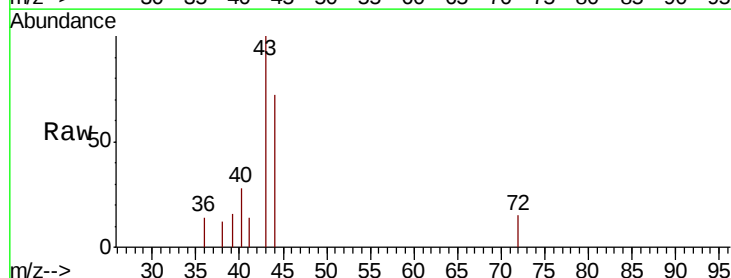
Acq: 09 Oct 2018 22:04

Tgt Ion: 43 Resp: 1373

Ion Ratio Lower Upper

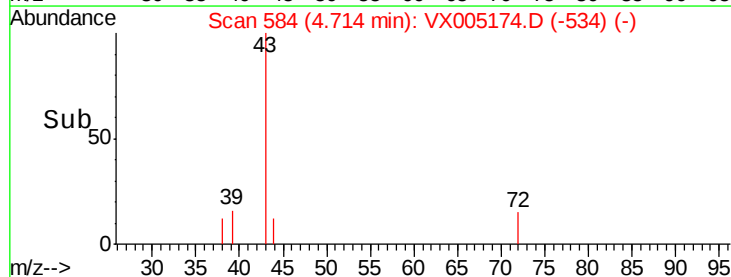
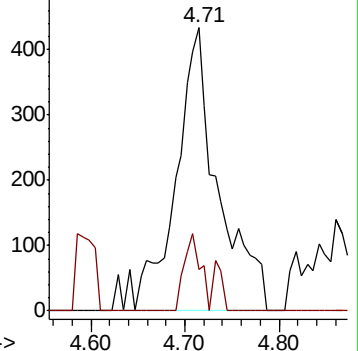
43 100

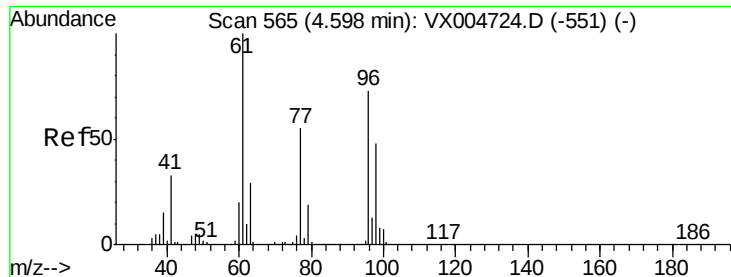
72 14.5 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



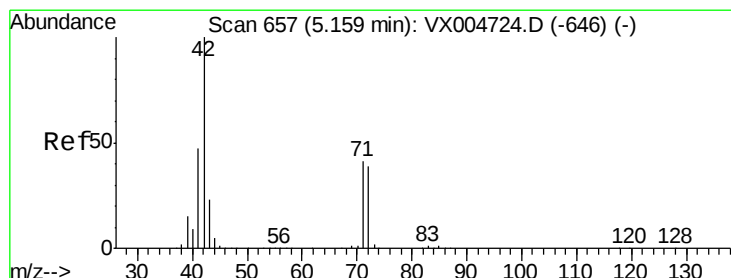
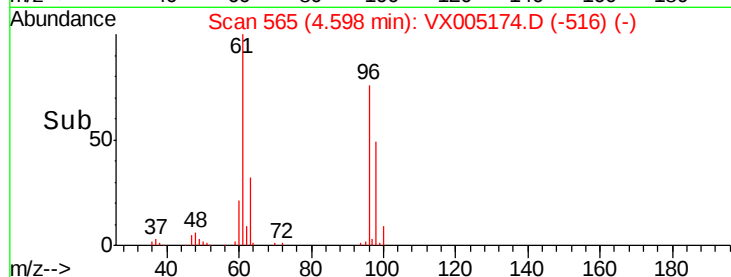
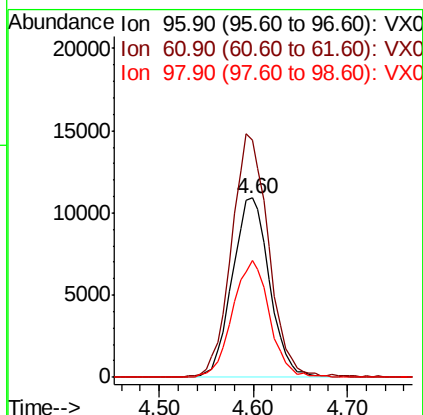
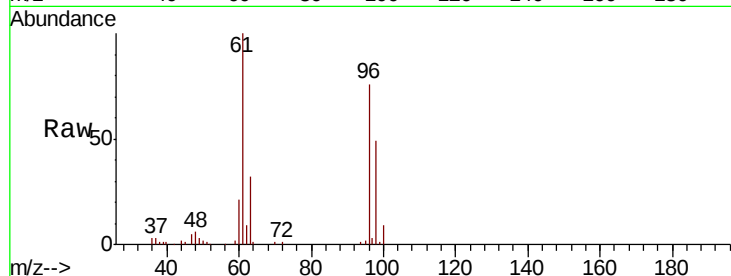


#27

cis-1,2-Dichloroethene
 Concen: 12.691 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX005174.D
 Acq: 09 Oct 2018 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-104D2-20181003

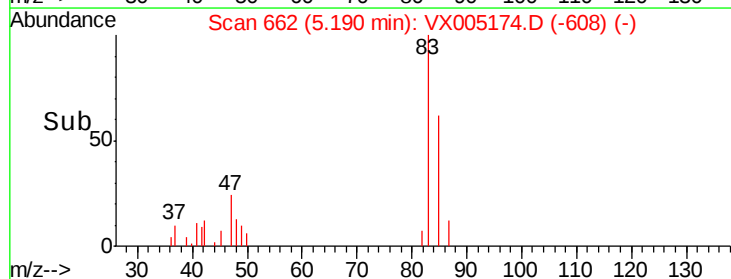
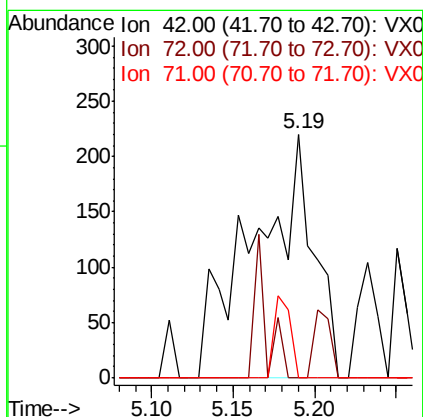
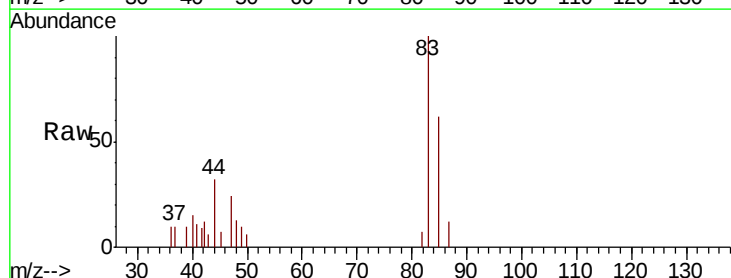
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	285.8
98	64.7	0.0	136.2

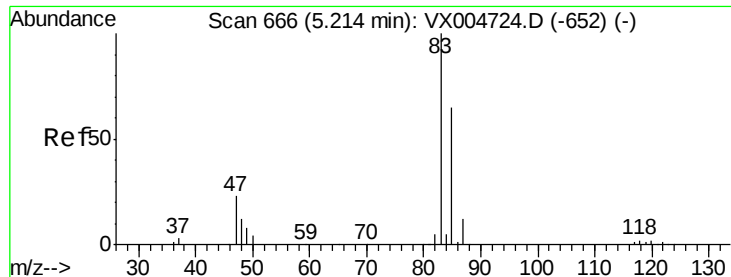


#29

Tetrahydrofuran
 Concen: 0.413 ug/l
 RT: 5.19 min Scan# 662
 Delta R.T. 0.03 min
 Lab File: VX005174.D
 Acq: 09 Oct 2018 22:04

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	8.7	32.2	48.4#

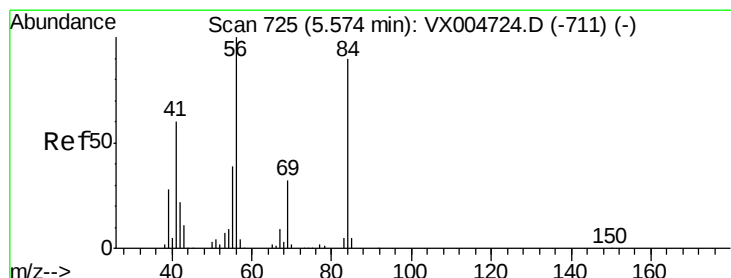
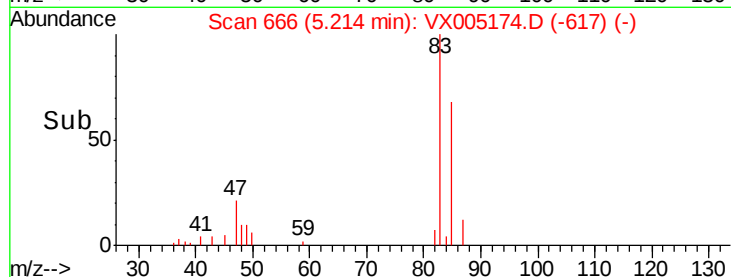
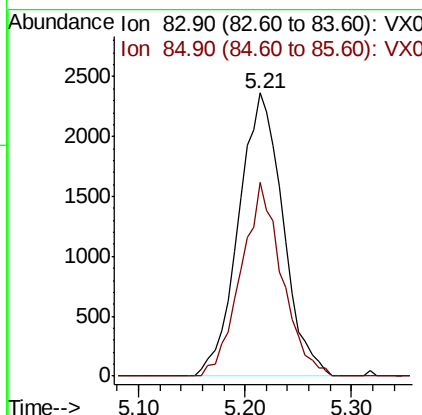
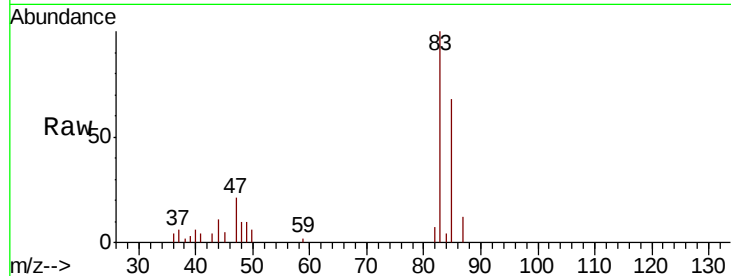




#30
Chloroform
Concen: 1.718 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005174.D
Acq: 09 Oct 2018 22:04

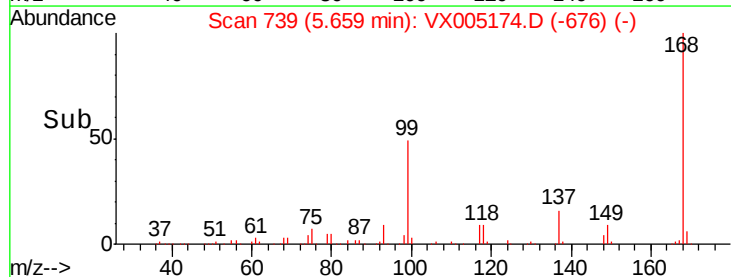
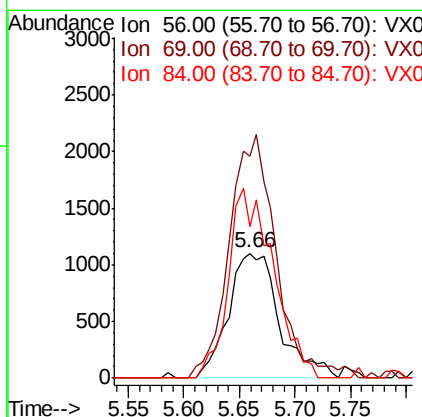
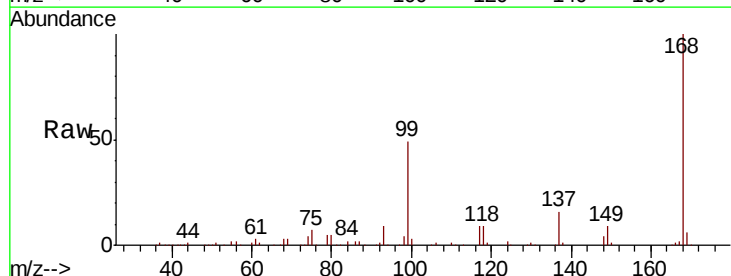
Instrument :
MSVOA_X
ClientSampleId :
RE-104D2-20181003

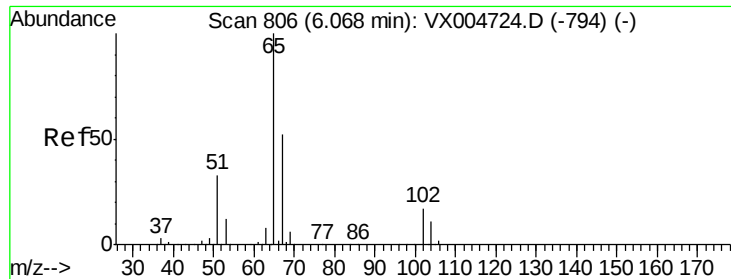
Tot Ion: 83 Resp: 6892
Ion Ratio Lower Upper
83 100
85 68.3 52.4 78.6



#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005174.D
Acq: 09 Oct 2018 22:04

Tgt Ion: 56 Resp: 3496
Ion Ratio Lower Upper
56 100
69 177.7 25.9 38.9#
84 122.0 71.9 107.9#

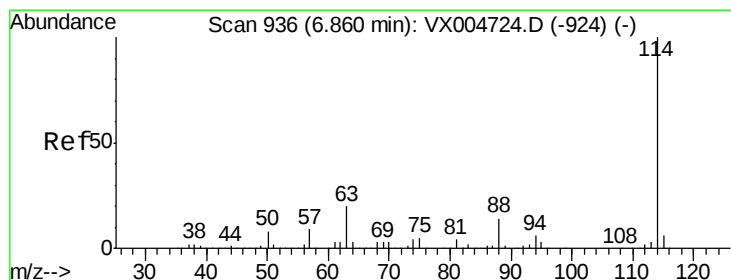
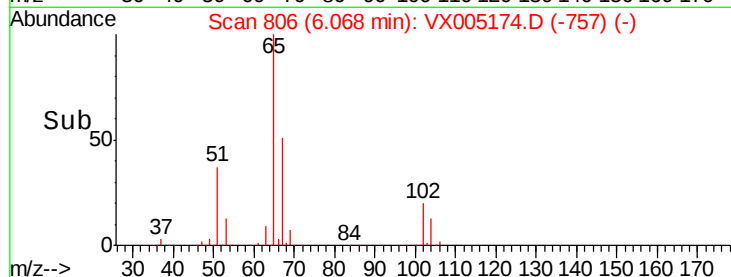
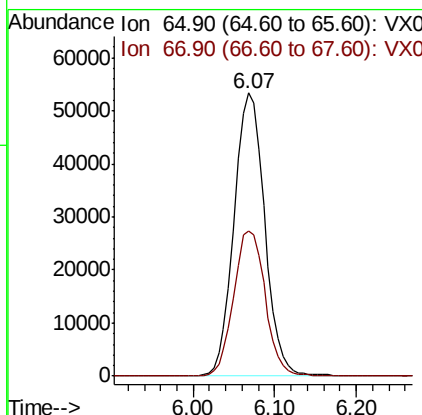
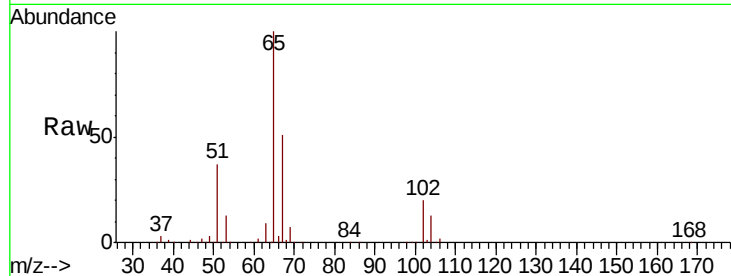




#33
 1,2-Dichloroethane-d4
 Concen: 54.404 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005174.D
 Acq: 09 Oct 2018 22:04

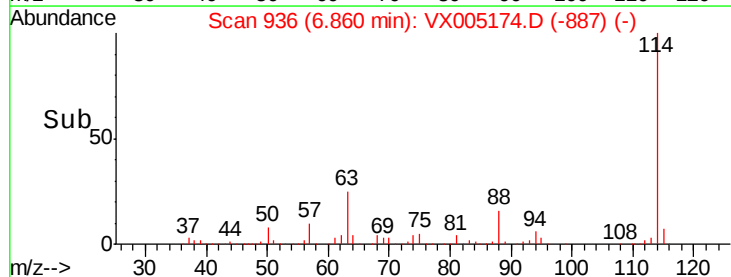
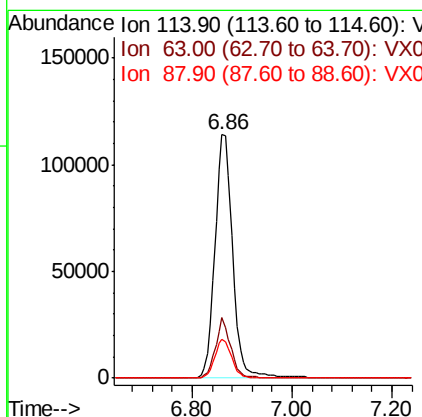
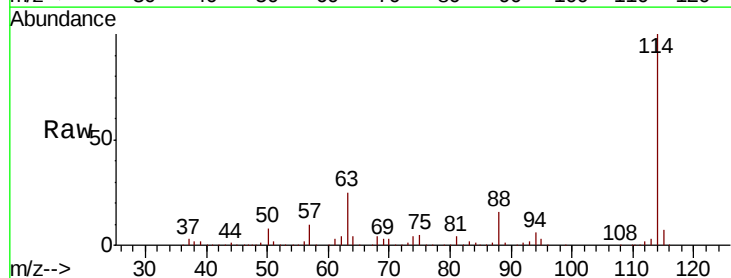
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-104D2-20181003

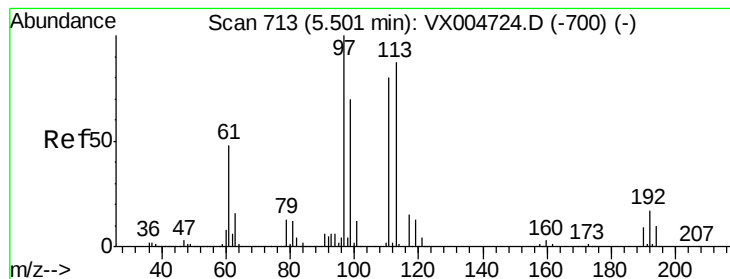
Tot Ion: 65 Resp: 138912
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005174.D
 Acq: 09 Oct 2018 22:04

Tgt Ion: 114 Resp: 281483
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 39.8
 88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.248 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

RE-104D2-20181003

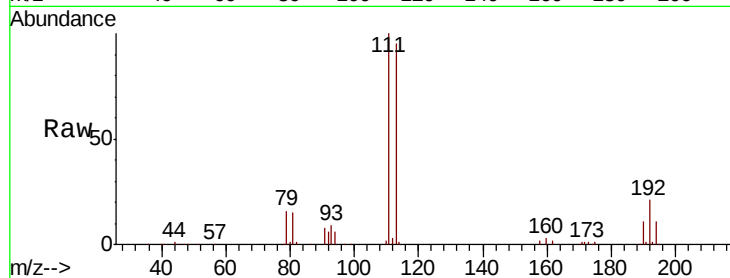
Tot Ion:113 Resp: 117487

Ion Ratio Lower Upper

113 100

111 103.0 77.0 115.4

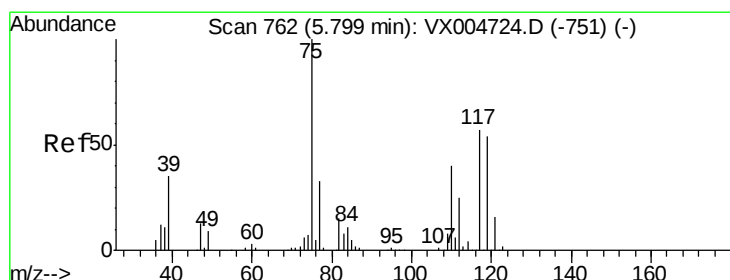
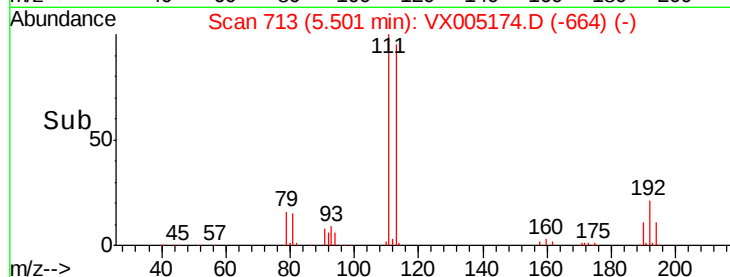
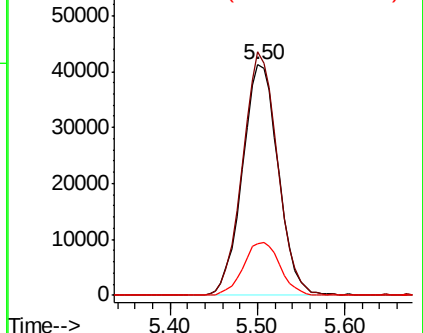
192 23.5 17.0 25.6



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: 3.751 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

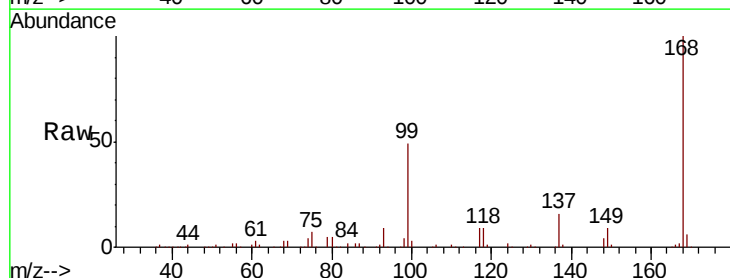
Tgt Ion: 75 Resp: 12209

Ion Ratio Lower Upper

75 100

110 9.7 20.0 59.9#

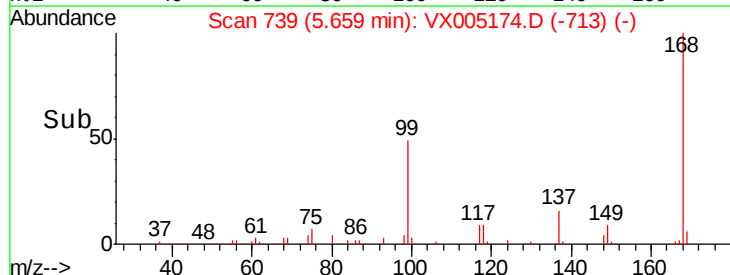
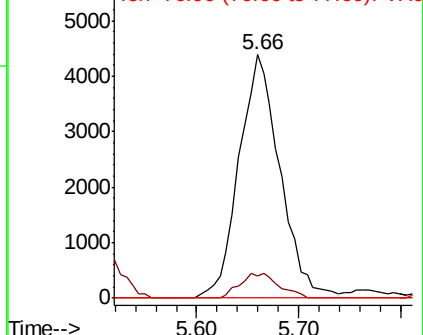
77 0.0 27.1 40.7#

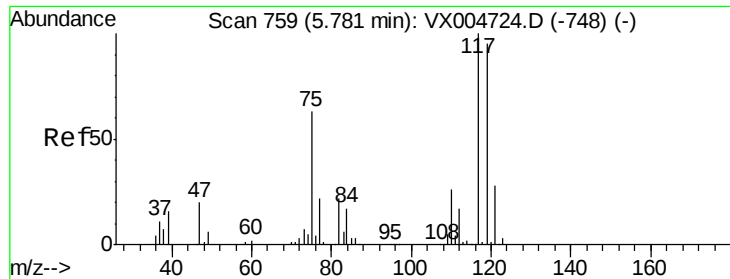


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.795 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

RE-104D2-20181003

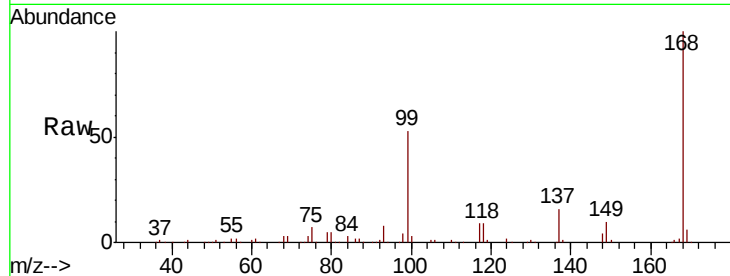
Tot Ion:117 Resp: 16405

Ion Ratio Lower Upper

117 100

119 7.6 75.2 112.8#

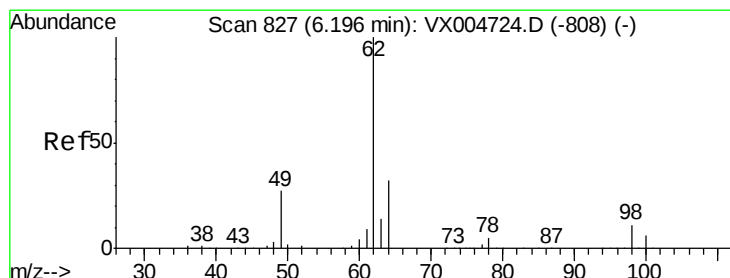
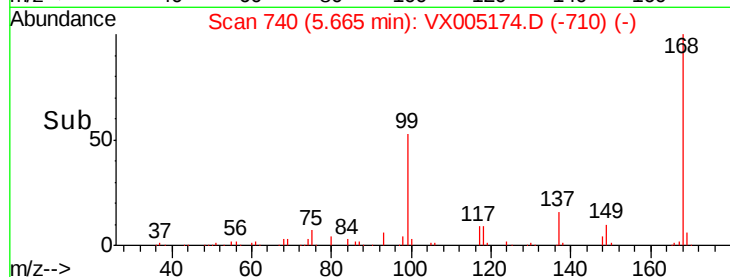
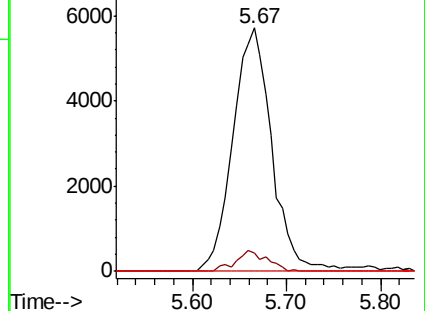
121 0.0 22.5 33.7#



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



#42

1,2-Dichloroethane

Concen: 0.616 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX005174.D

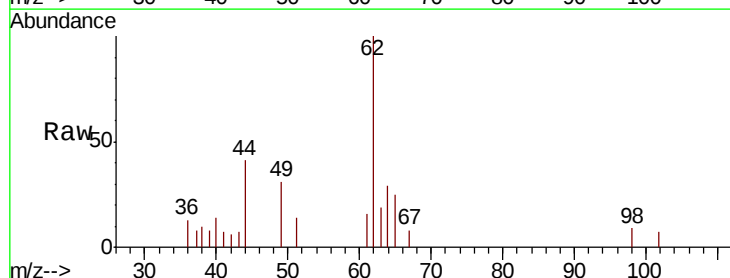
Acq: 09 Oct 2018 22:04

Tgt Ion: 62 Resp: 2218

Ion Ratio Lower Upper

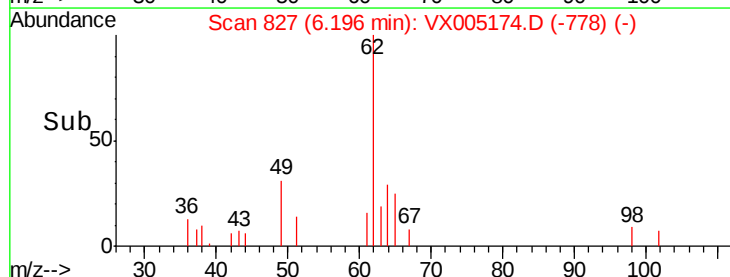
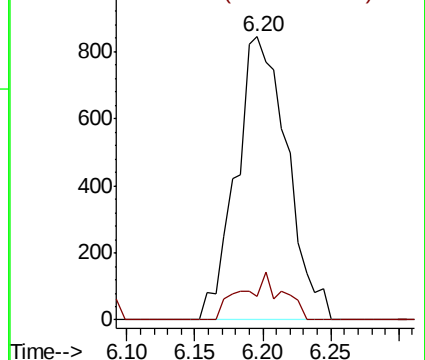
62 100

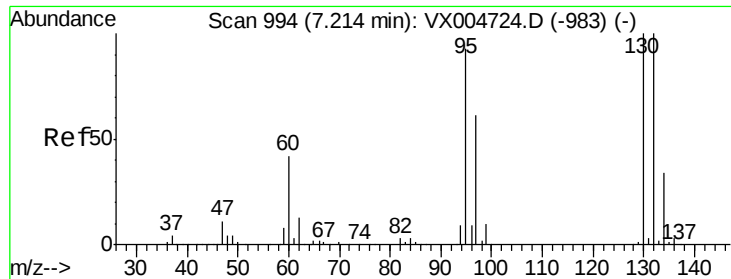
98 13.4 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 33.980 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

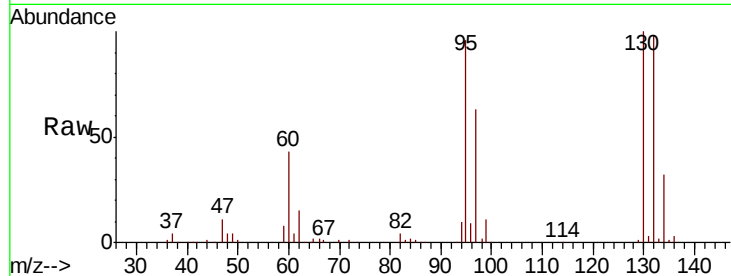
RE-104D2-20181003

Tot Ion:130 Resp: 85121

Ion Ratio Lower Upper

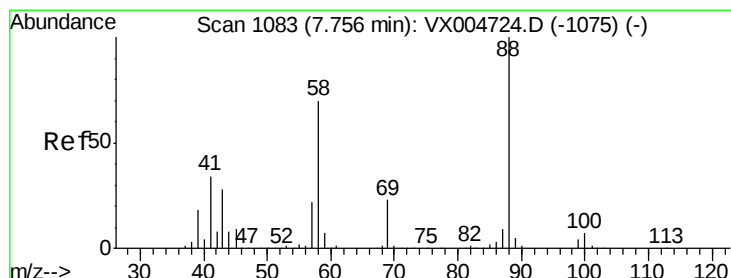
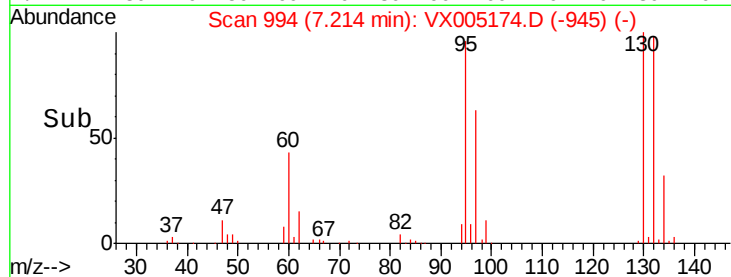
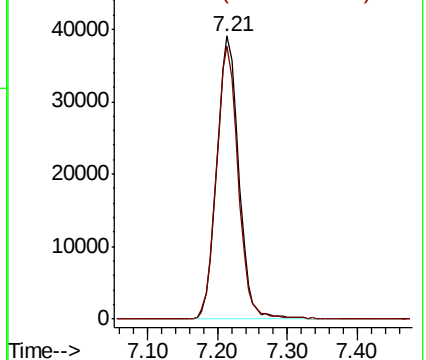
130 100

95 96.4 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 3.043 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

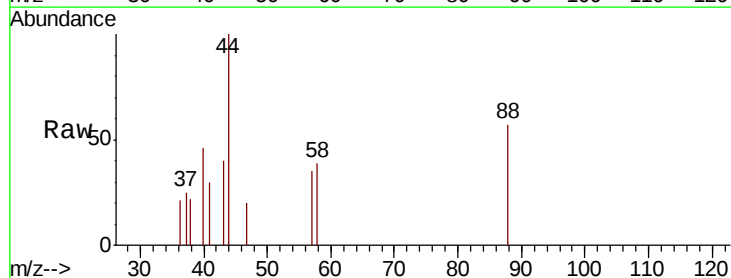
Tgt Ion: 88 Resp: 214

Ion Ratio Lower Upper

88 100

43 78.5 25.1 37.7#

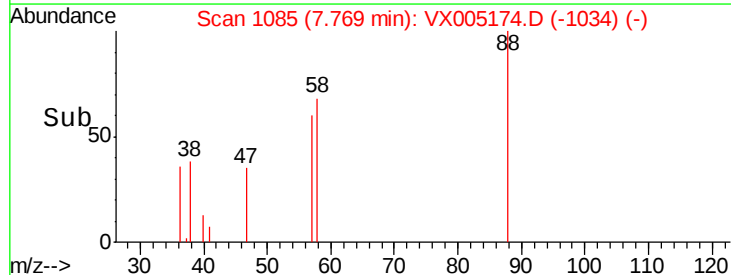
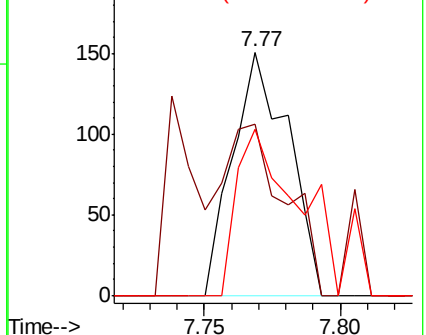
58 83.6 56.2 84.2

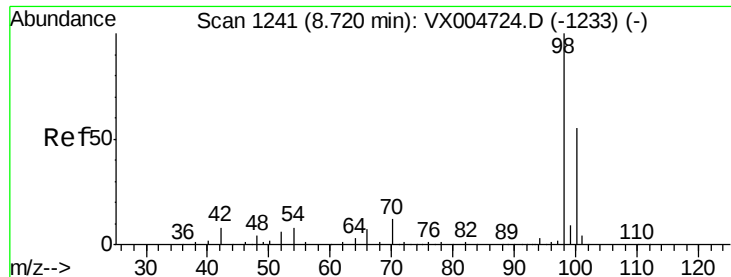


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.249 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

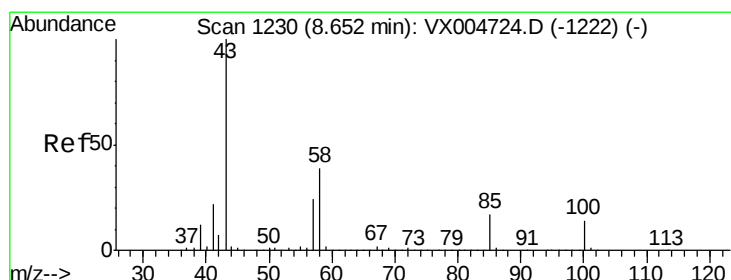
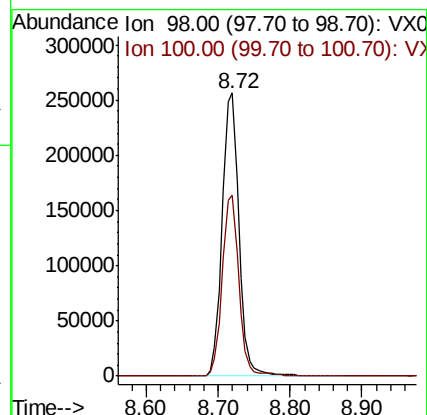
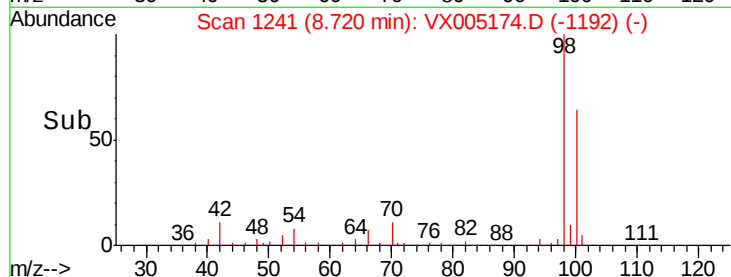
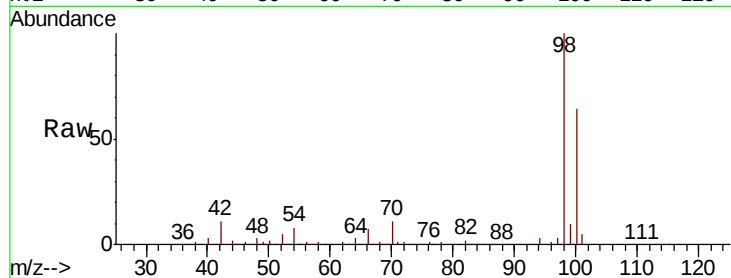
RE-104D2-20181003

Tot Ion: 98 Resp: 414383

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.203 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005174.D

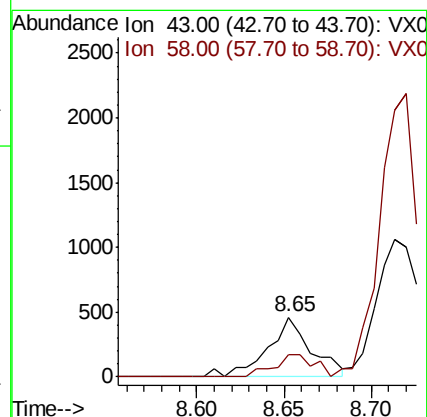
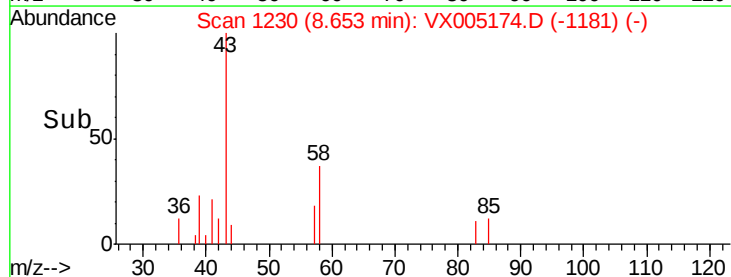
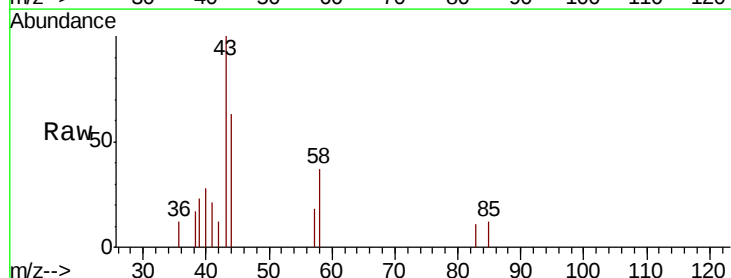
Acq: 09 Oct 2018 22:04

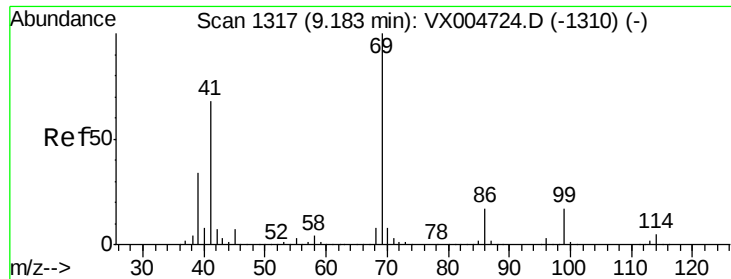
Tgt Ion: 43 Resp: 798

Ion Ratio Lower Upper

43 100

58 34.3 30.5 45.7

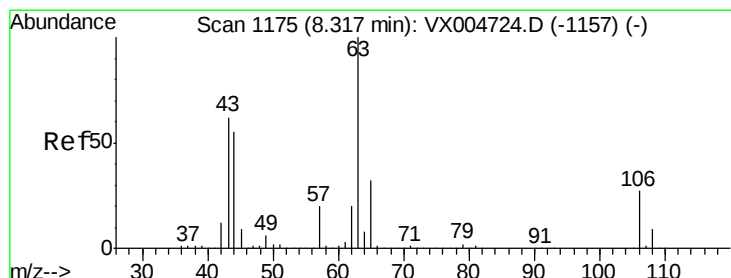
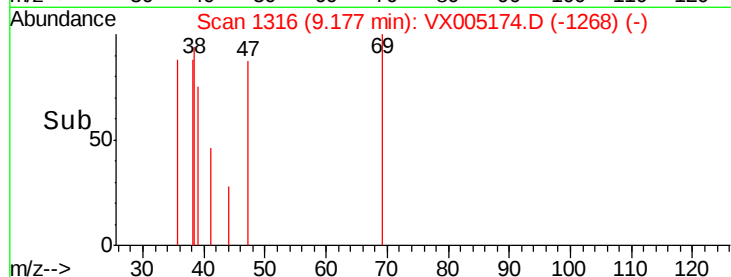
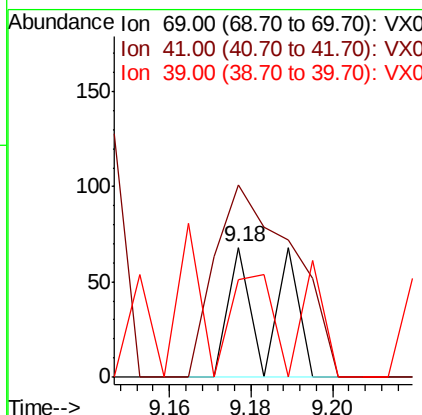
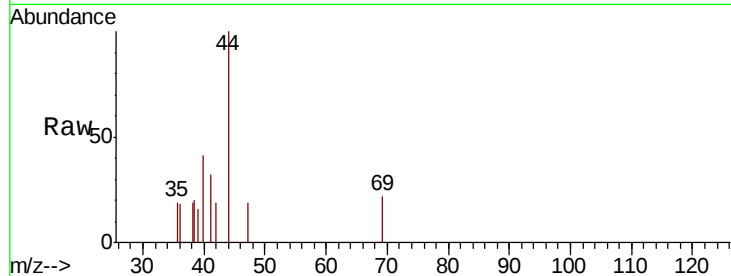




#56
 Ethyl methacrylate
 Concen: 2.874 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX005174.D
 Acq: 09 Oct 2018 22:04

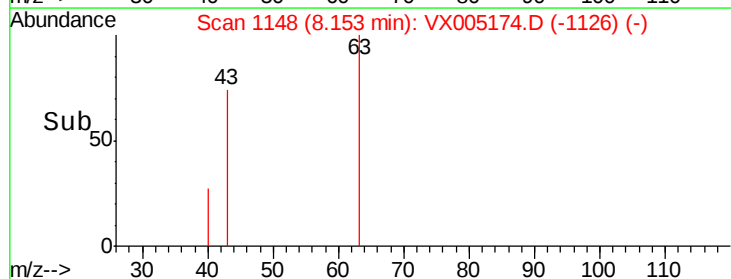
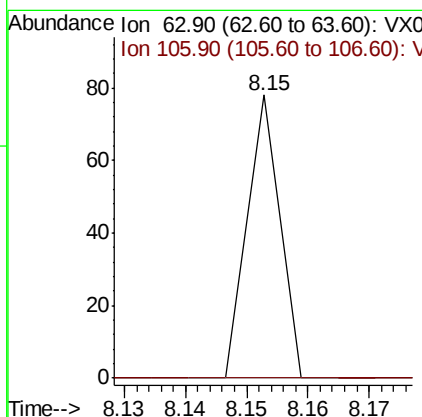
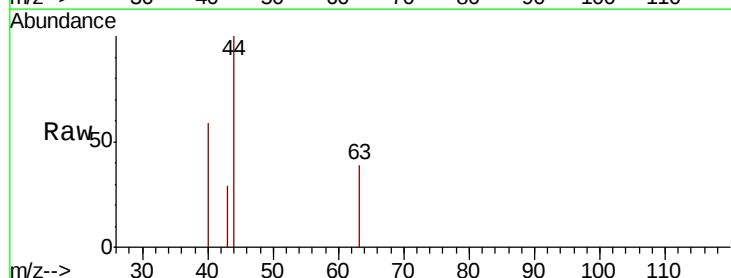
Instrument :
 MSVOA_X
 ClientSampleID :
 RE-104D2-20181003

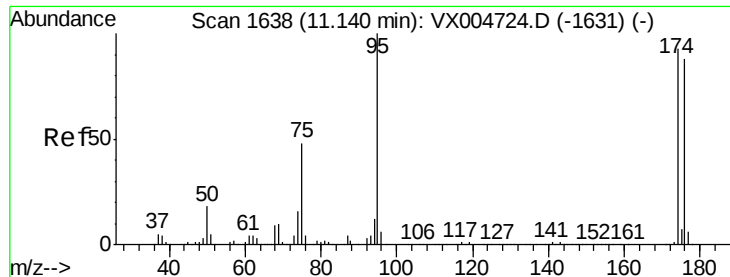
Tot Ion	Ratio	Lower	Upper
69	100		
41	268.0	56.9	85.3#
39	60.0	28.4	42.6#



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.255 ug/l
 RT: 8.15 min Scan# 1148
 Delta R.T. -0.16 min
 Lab File: VX005174.D
 Acq: 09 Oct 2018 22:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#





#62

4-Bromofluorobenzene

Concen: 52.944 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

RE-104D2-20181003

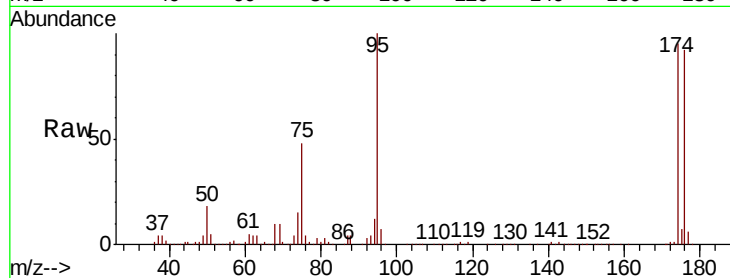
Tot Ion: 95 Resp: 151269

Ion Ratio Lower Upper

95 100

174 93.7 0.0 185.0

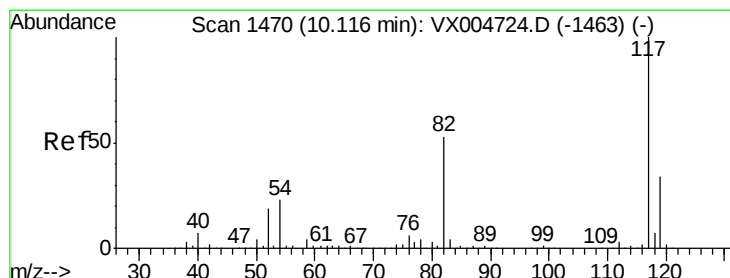
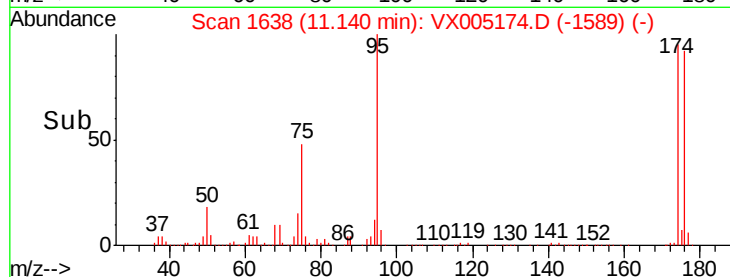
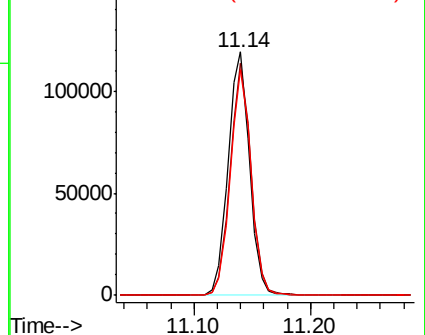
176 90.3 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

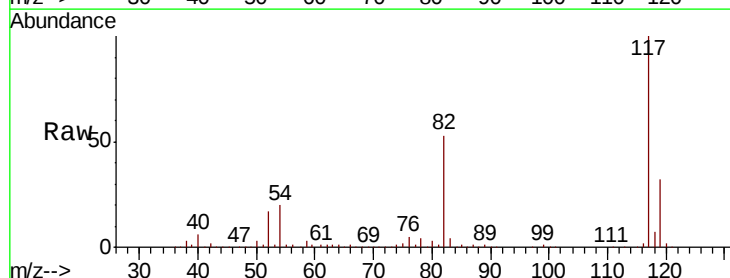
Tgt Ion: 117 Resp: 286113

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.4

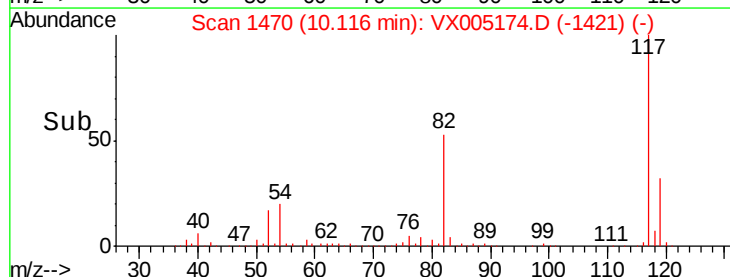
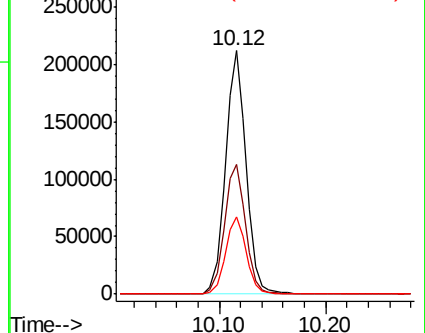
119 31.9 27.4 41.0

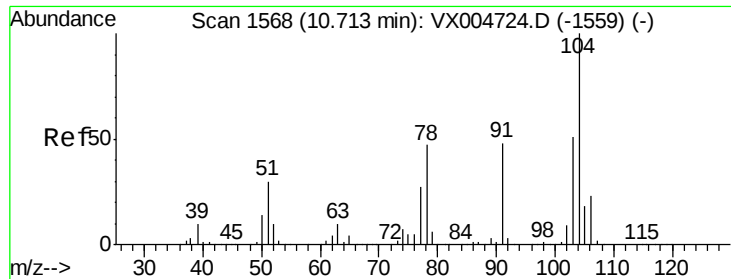


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#70

Stvrene

Concen: 2.156 ug/l

RT: 10.72 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

RE-104D2-20181003

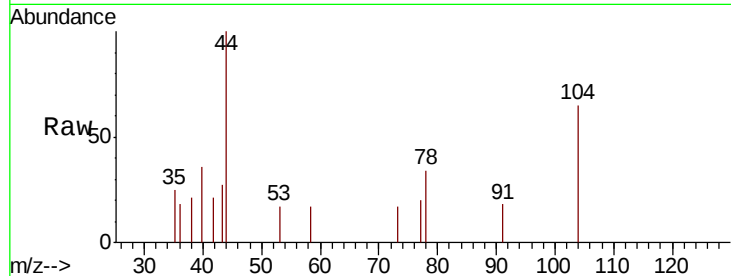
Tot Ion:104 Resp: 131

Ion Ratio Lower Upper

104 100

78 43.5 40.0 60.0

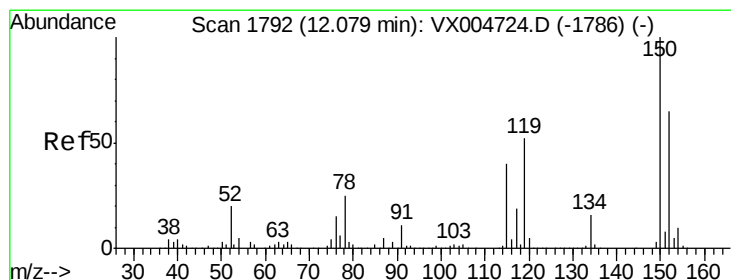
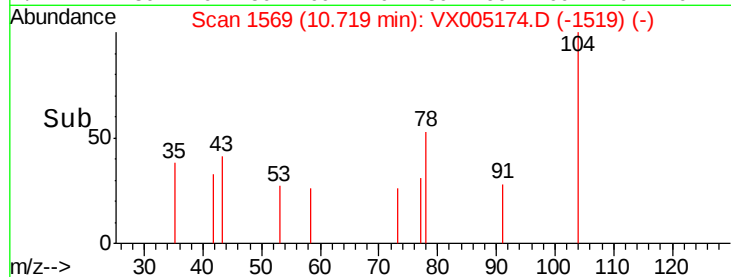
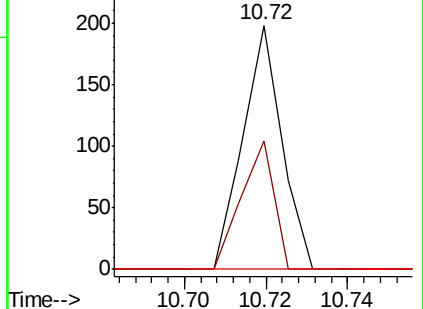
103 0.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): 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: VX005174.D

Acq: 09 Oct 2018 22:04

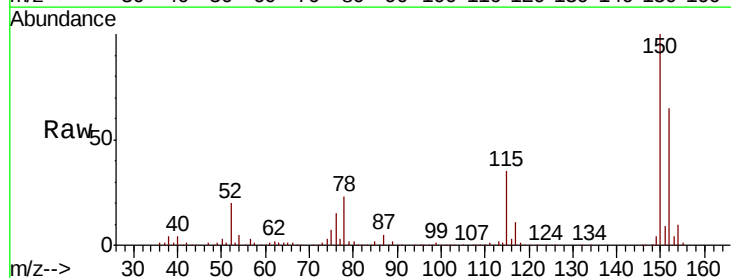
Tgt Ion:152 Resp: 164635

Ion Ratio Lower Upper

152 100

115 54.9 40.2 120.6

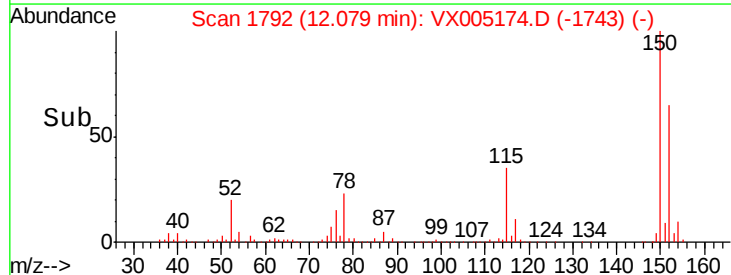
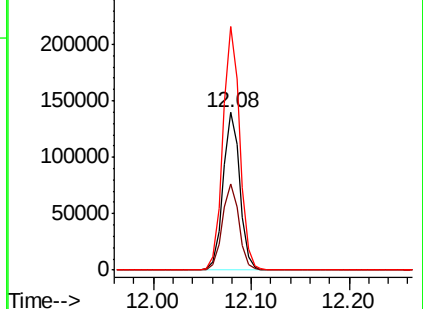
150 155.3 0.0 351.0

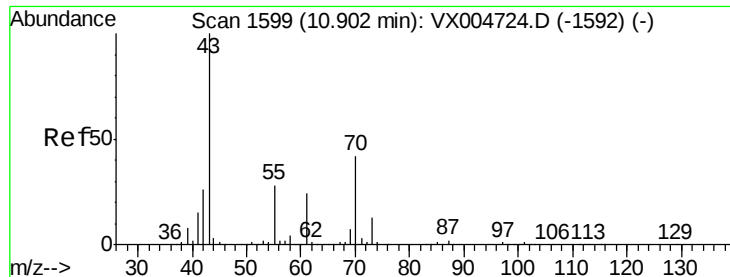


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.777 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

RE-104D2-20181003

Tot Ion: 43 Resp: 175

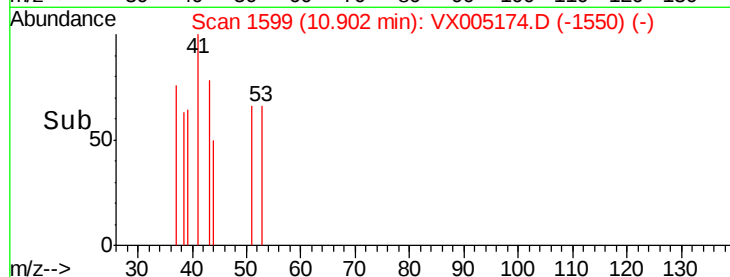
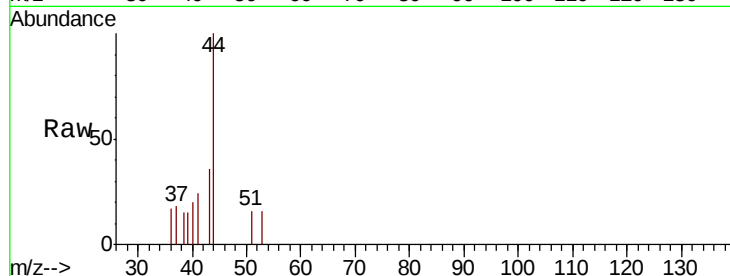
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 12.0 21.6 32.4#

61 0.0 19.1 28.7#

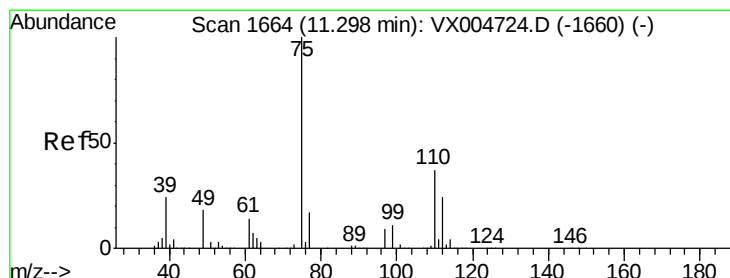
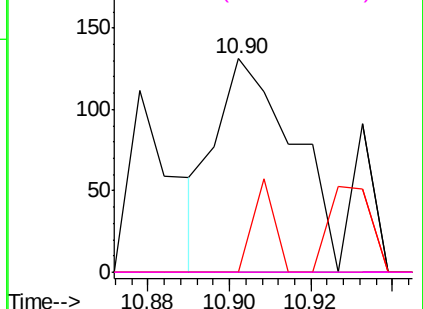


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 20.077 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005174.D

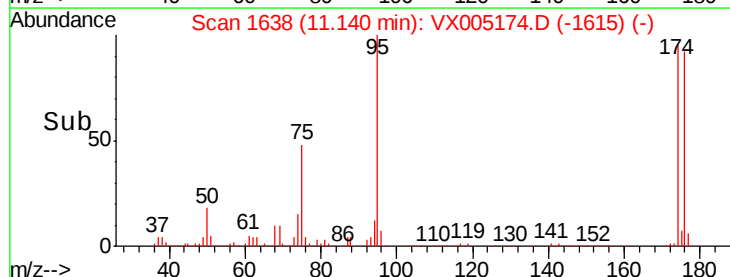
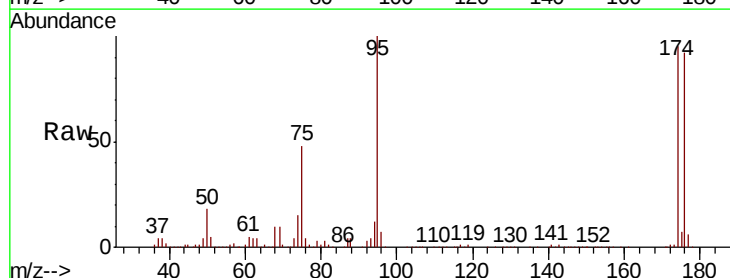
Acq: 09 Oct 2018 22:04

Tgt Ion: 75 Resp: 74086

Ion Ratio Lower Upper

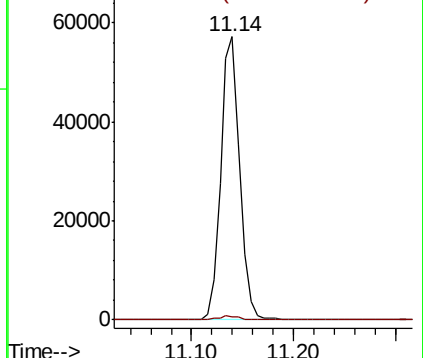
75 100

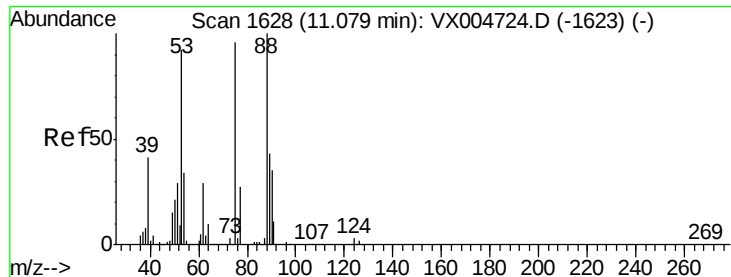
77 1.5 21.4 64.3#



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: 54.569 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

RE-104D2-20181003

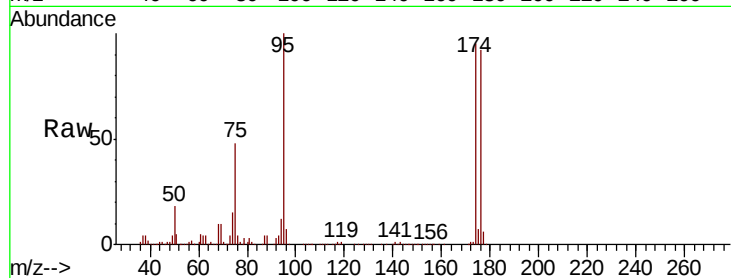
Tot Ion: 75 Resp: 74086

Ion Ratio Lower Upper

75 100

53 0.4 80.2 120.4#

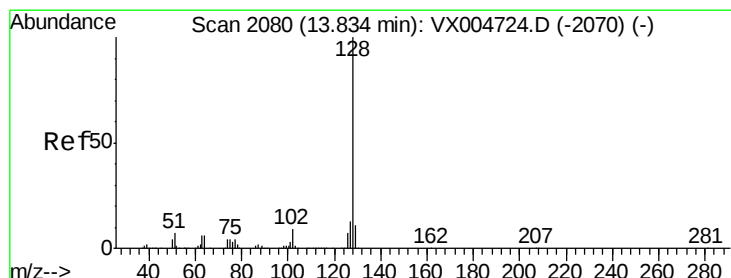
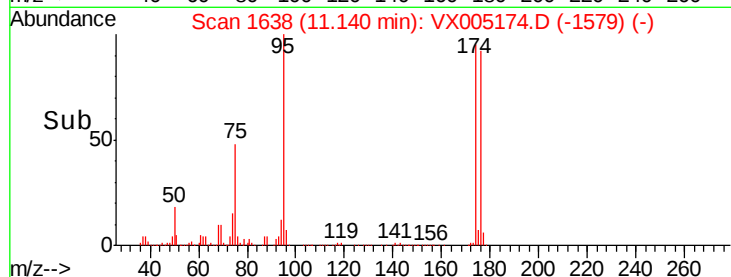
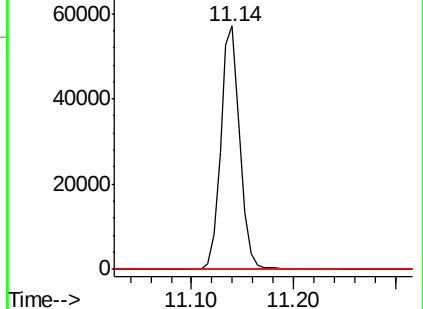
89 0.0 37.1 55.7#



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



#95

Naphthalene

Concen: 0.756 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005174.D

Acq: 09 Oct 2018 22:04

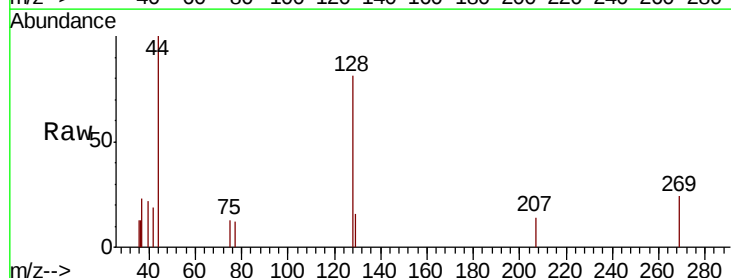
Tgt Ion:128 Resp: 509

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 4.9 8.7 13.1#



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

