

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005171.D
 Acq On : 09 Oct 2018 20:43
 Operator : JC/MD
 Sample : J5284-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D3-20181003

Quant Time: Oct 10 05:55:13 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	175427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152707	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	136504	54.47	ug/l	0.00
Spiked Amount			Recovery	=	108.94%	
35) Dibromofluoromethane	5.50	113	116513	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	8.72	98	413550	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.14	95	145031	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	

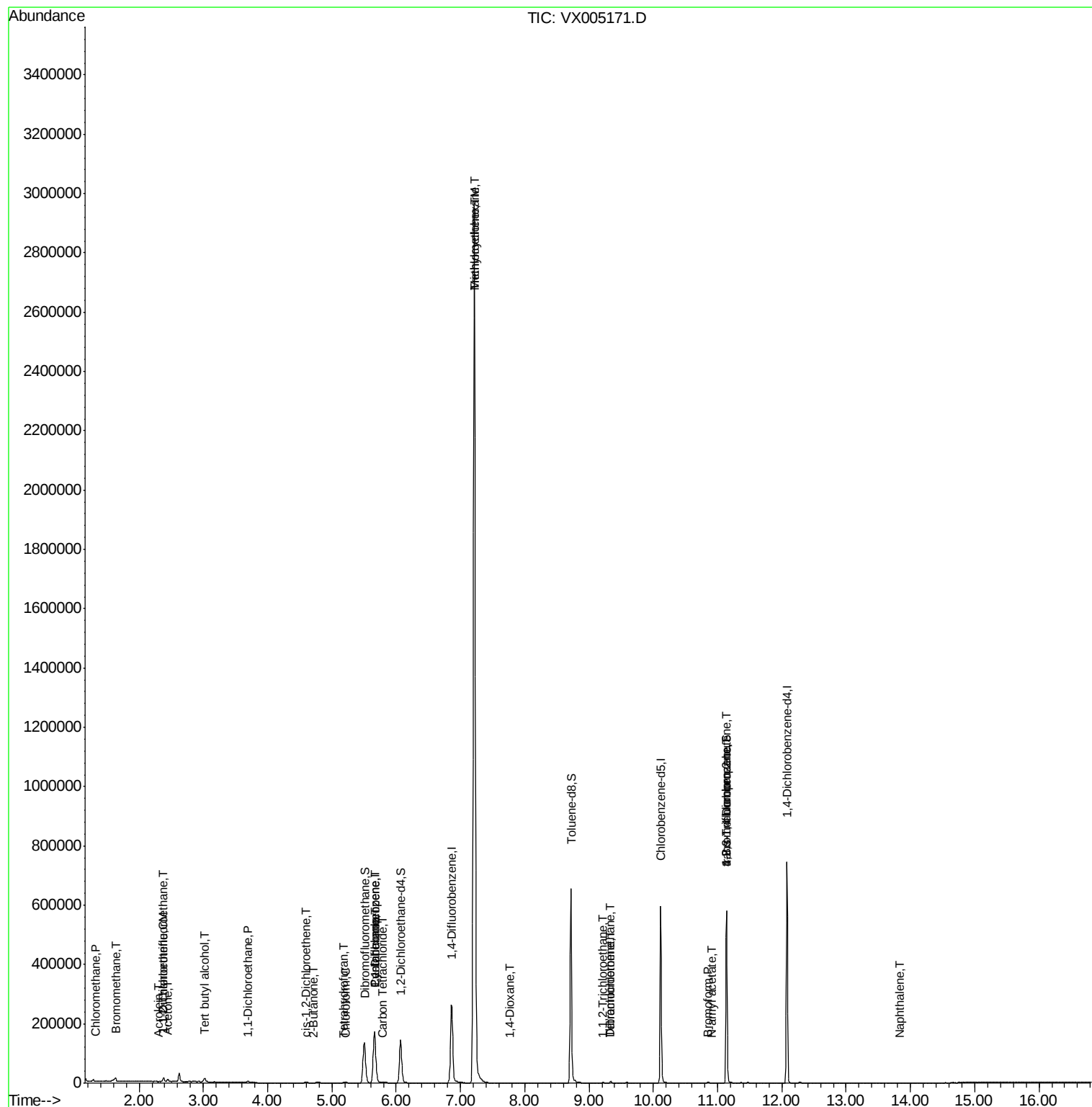
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	734	0.253	ug/l #	77
5) Bromomethane	1.64	94	487	0.302	ug/l #	78
6) Chloroethane	1.69	64	871	Below Cal	#	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4659	2.427	ug/l	96
11) Tert butyl alcohol	3.02	59	7166	10.227	ug/l #	80
12) 1,1-Dichloroethene	2.37	96	929	0.489	ug/l	85
13) Acrolein	2.31	56	169	0.339	ug/l #	45
16) Acetone	2.45	43	8054	5.505	ug/l	98
20) Methylene Chloride	2.86	84	907	Below Cal	#	92
24) 1,1-Dichloroethane	3.69	63	1737	0.417	ug/l #	87
25) 2-Butanone	4.71	43	1398	0.648	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	1877	0.807	ug/l	87
29) Tetrahydrofuran	5.17	42	664	0.495	ug/l #	74
30) Chloroform	5.21	83	2240	0.569	ug/l	88
31) Cyclohexane	5.67	56	3350	1.051	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	12436	3.870	ug/l #	46
38) Carbon Tetrachloride	5.78	117	1118	0.331	ug/l #	75
39) Methylcyclohexane	7.22	83	13199	4.022	ug/l #	1
44) Trichloroethene	7.21	130	1191943	481.939	ug/l	96
49) 1,4-Dioxane	7.77	88	107	1.541	ug/l #	61
55) 1,1,2-Trichloroethane	9.21	97	645	0.266	ug/l #	88
60) Dibromochloromethane	9.34	129	891	0.368	ug/l #	10
64) Tetrachloroethene	9.34	164	915	0.335	ug/l	92
71) Bromoform	10.86	173	1364	0.637	ug/l #	92
74) N-amyl acetate	10.91	43	84	1.763	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	72297	21.123	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	25	Below Cal	#	29
81) trans-1,4-Dichloro-2-buten	11.14	75	72297	57.307	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	174	Below Cal		74
95) Naphthalene	13.83	128	294	0.742	ug/l #	69

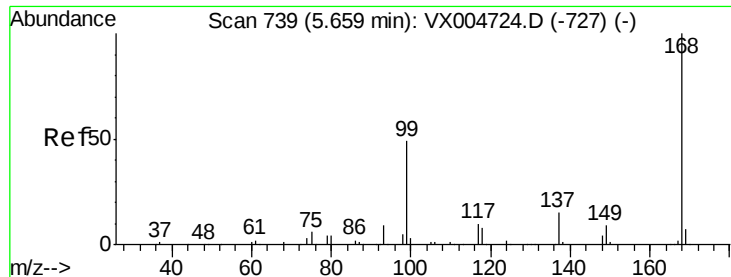
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

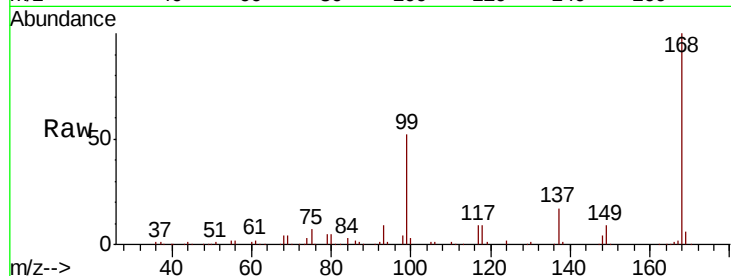
RE-103D3-20181003

Tot Ion:168 Resp: 175427

Ion Ratio Lower Upper

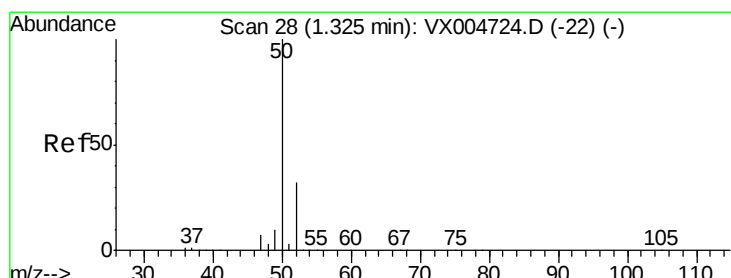
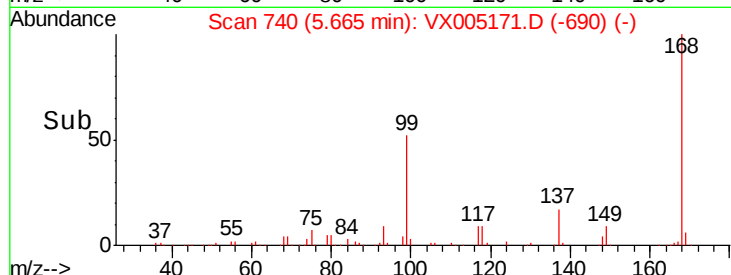
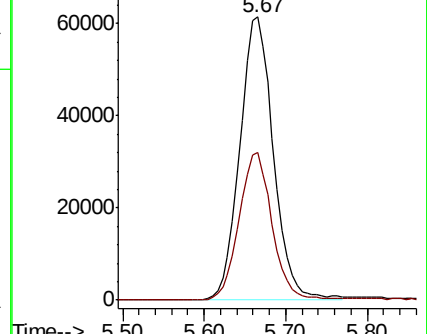
168 100

99 52.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005171.D

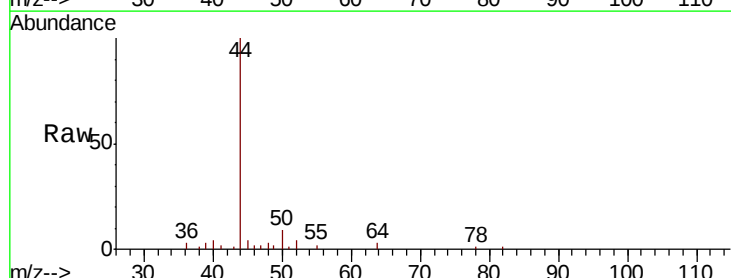
Acq: 09 Oct 2018 20:43

Tgt Ion: 50 Resp: 734

Ion Ratio Lower Upper

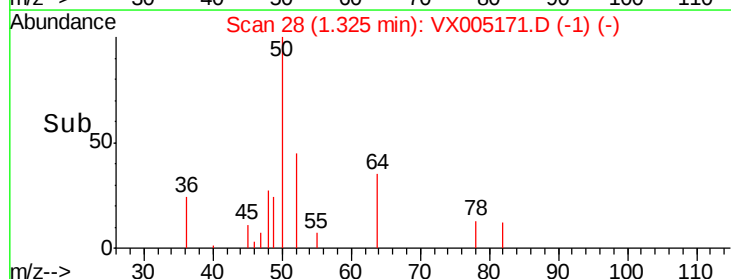
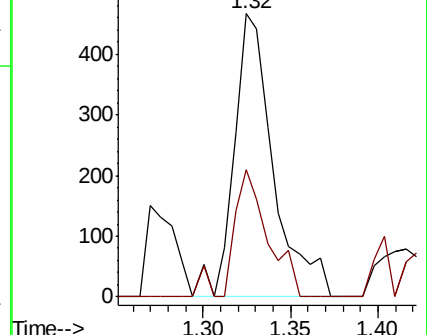
50 100

52 45.0 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.302 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

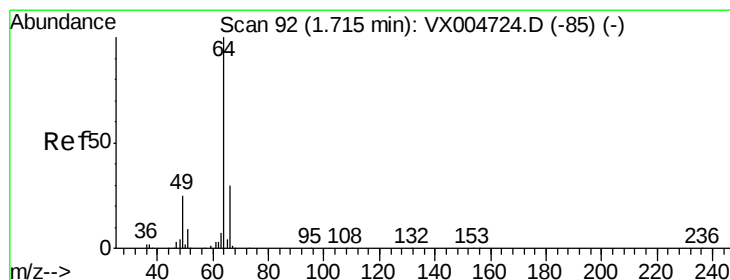
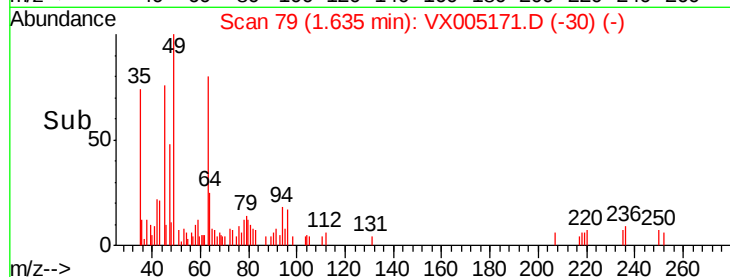
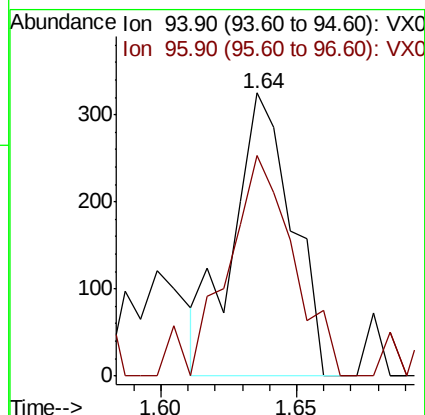
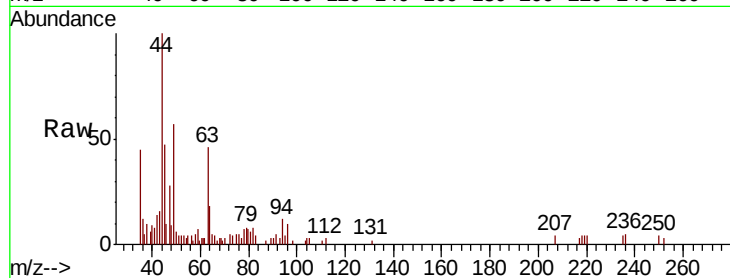
RE-103D3-20181003

Tot Ion: 94 Resp: 487

Ion Ratio Lower Upper

94 100

96 77.8 79.5 119.3#



#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX005171.D

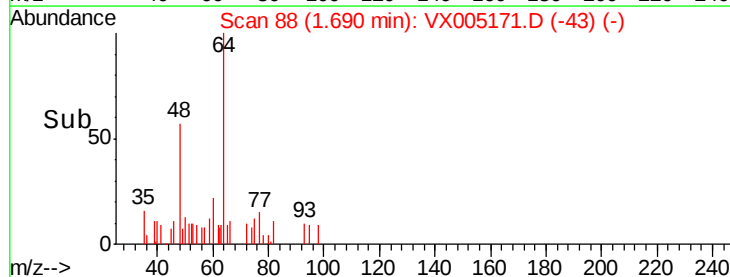
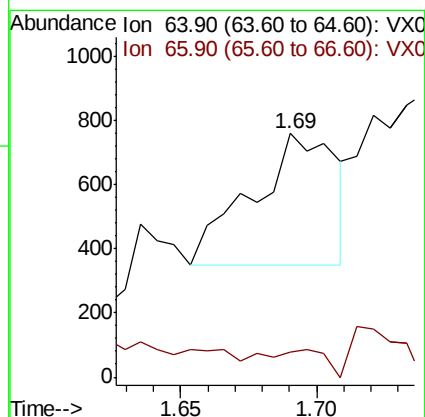
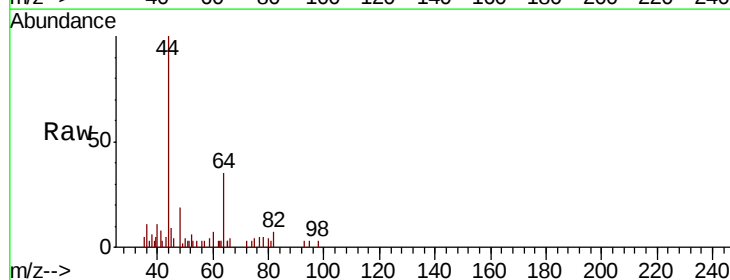
Acq: 09 Oct 2018 20:43

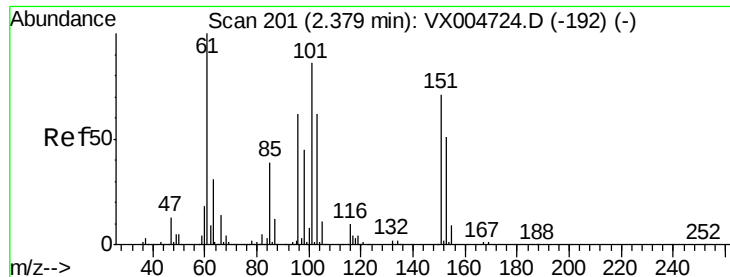
Tgt Ion: 64 Resp: 871

Ion Ratio Lower Upper

64 100

66 18.6 23.8 35.6#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.427 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

RE-103D3-20181003

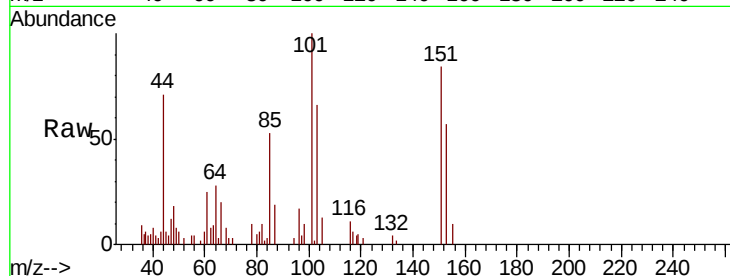
Tot Ion:101 Resp: 4659

Ion Ratio Lower Upper

101 100

85 51.7 35.9 53.9

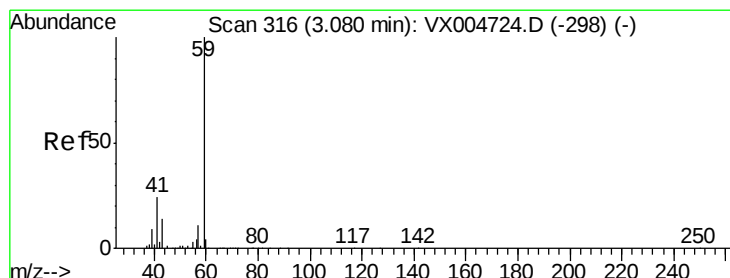
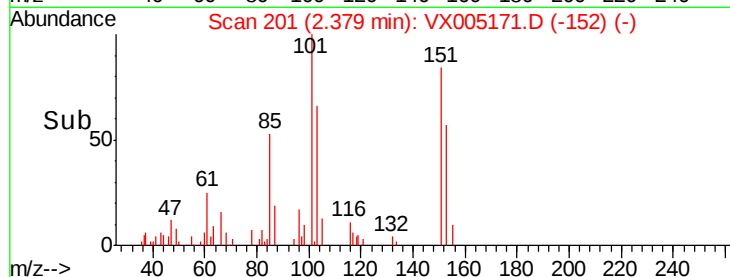
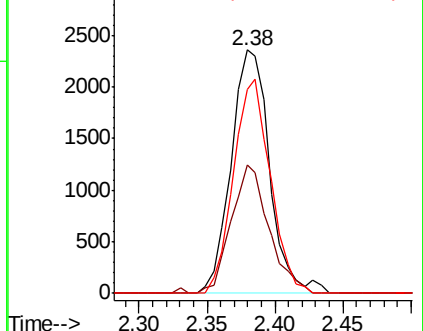
151 84.0 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 10.227 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX005171.D

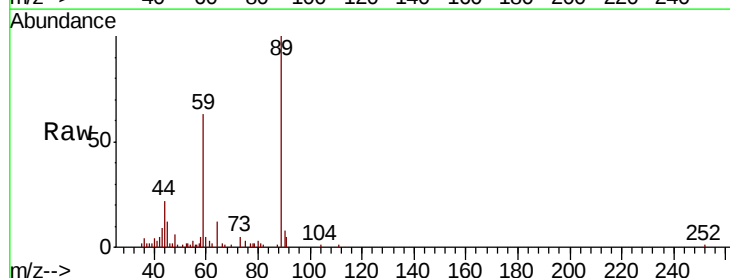
Acq: 09 Oct 2018 20:43

Tgt Ion: 59 Resp: 7166

Ion Ratio Lower Upper

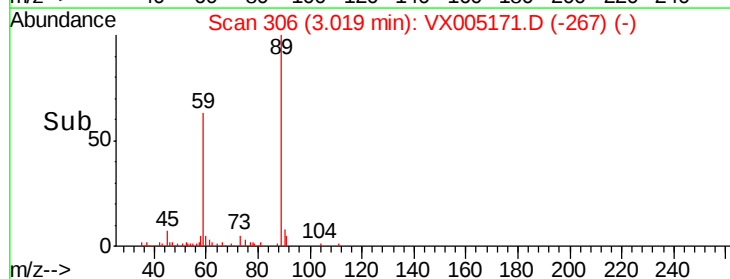
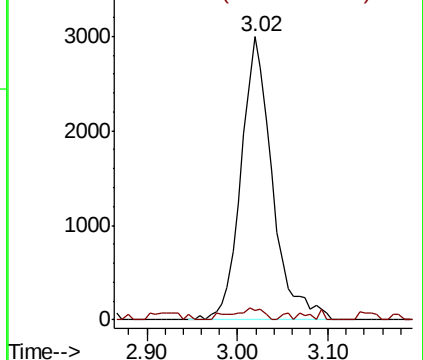
59 100

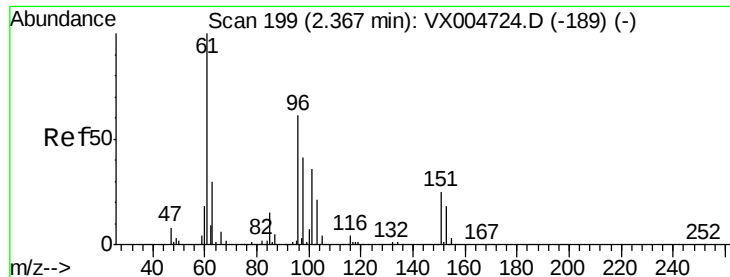
57 3.2 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.489 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

RE-103D3-20181003

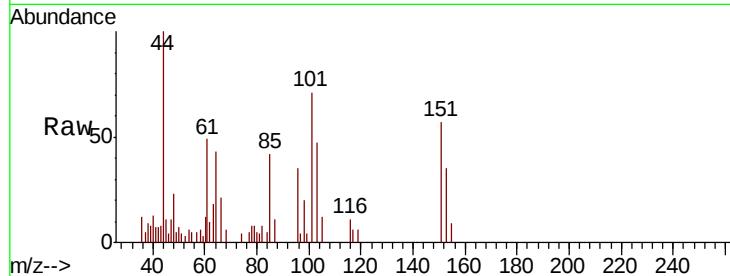
Tot Ion: 96 Resp: 929

Ion Ratio Lower Upper

96 100

61 140.8 130.2 195.4

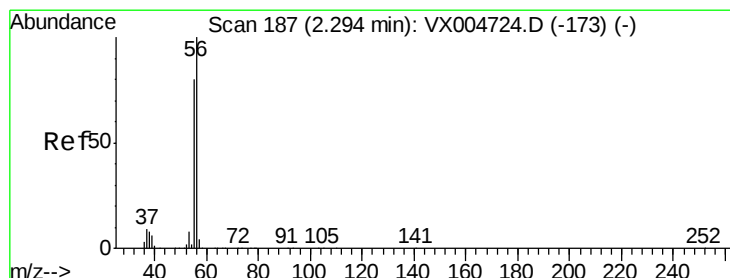
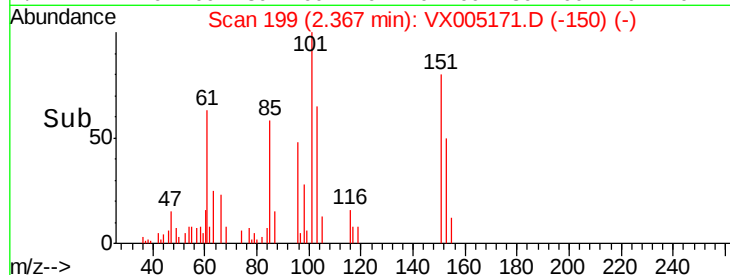
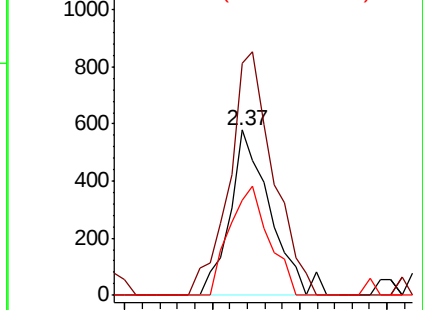
98 57.3 53.4 80.0



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



#13

Acrolein

Concen: 0.339 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX005171.D

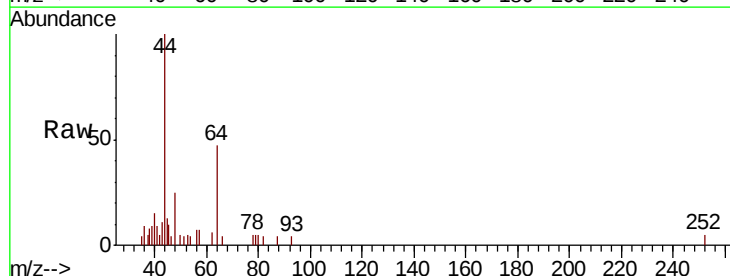
Acq: 09 Oct 2018 20:43

Tgt Ion: 56 Resp: 169

Ion Ratio Lower Upper

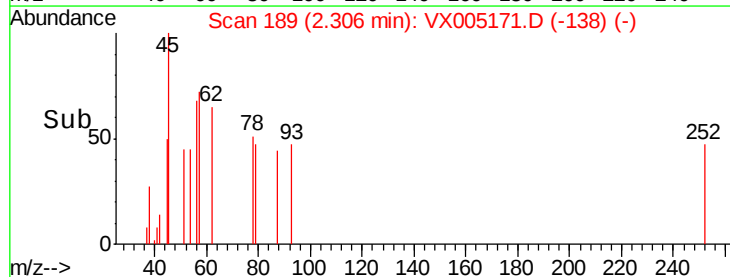
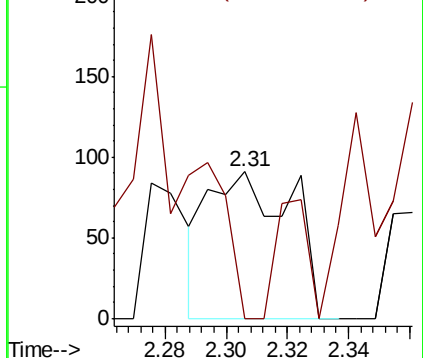
56 100

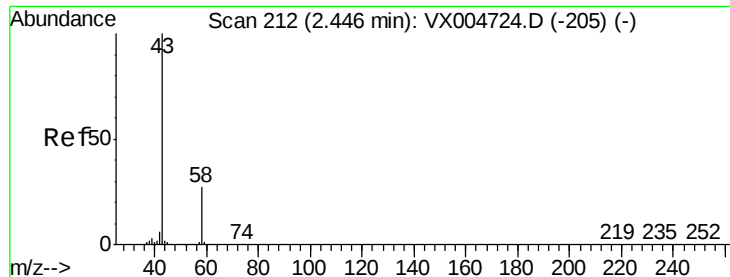
55 31.4 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

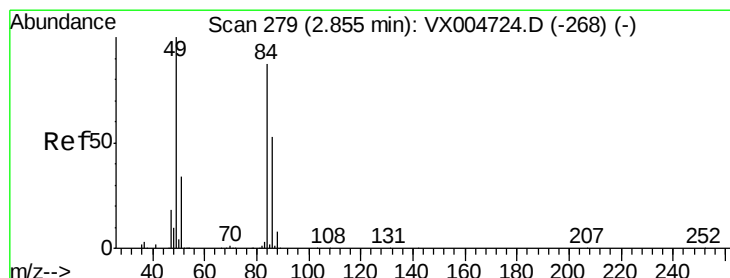
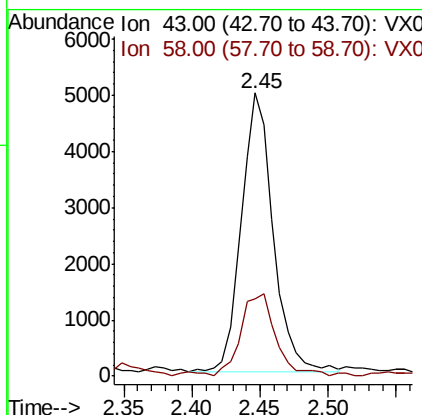
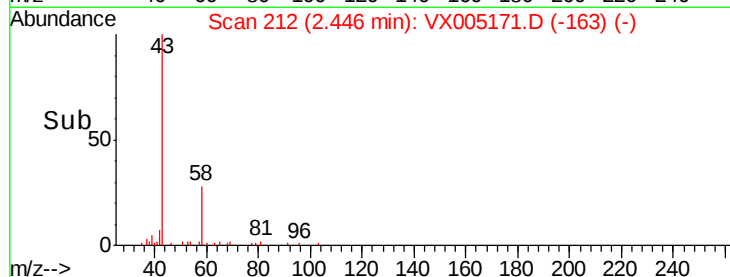
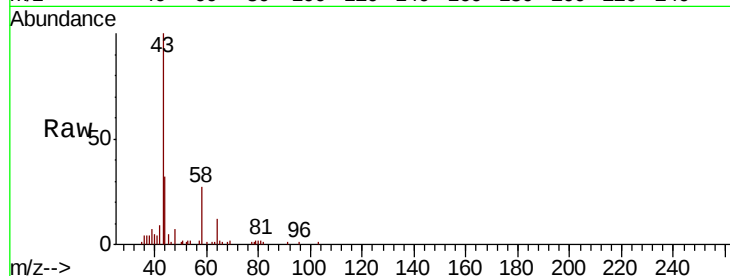




#16
Acetone
Concen: 5.505 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

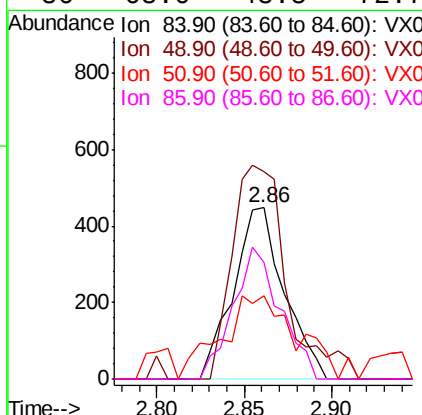
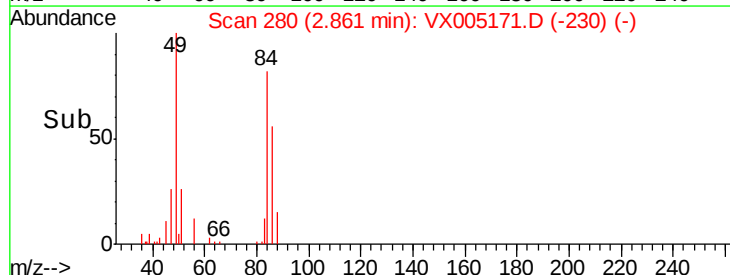
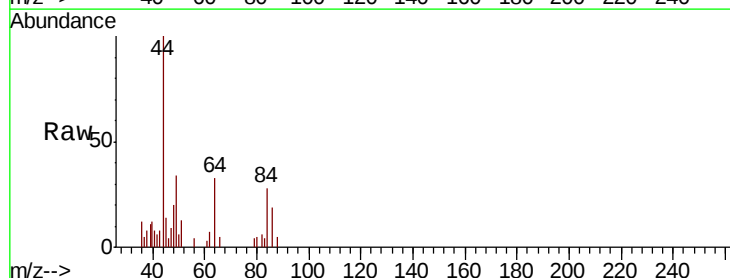
Instrument :
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RE-103D3-20181003

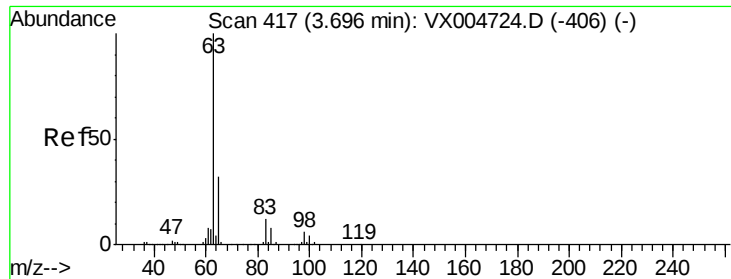
Tot Ion: 43 Resp: 8054
Ion Ratio Lower Upper
43 100
58 26.4 21.8 32.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

Tgt Ion: 84 Resp: 907
Ion Ratio Lower Upper
84 100
49 121.7 92.3 138.5
51 48.3 31.8 47.6#
86 68.0 48.5 72.7





#24

1,1-Dichloroethane

Concen: 0.417 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

RE-103D3-20181003

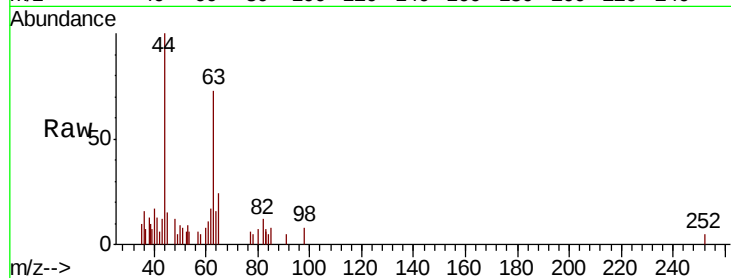
Tot Ion: 63 Resp: 1737

Ion Ratio Lower Upper

63 100

98 10.8 3.0 9.2#

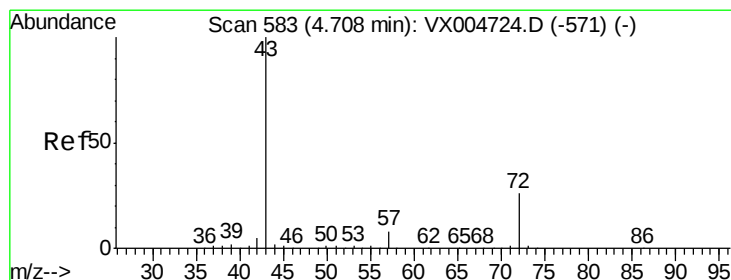
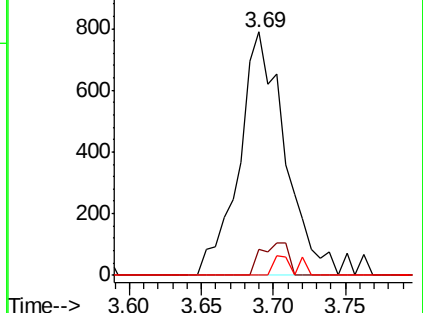
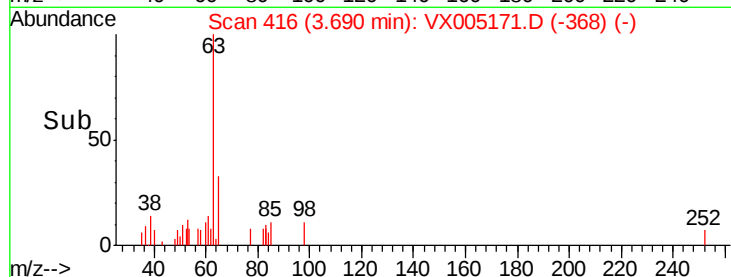
100 0.0 2.0 5.8#



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: 0.648 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005171.D

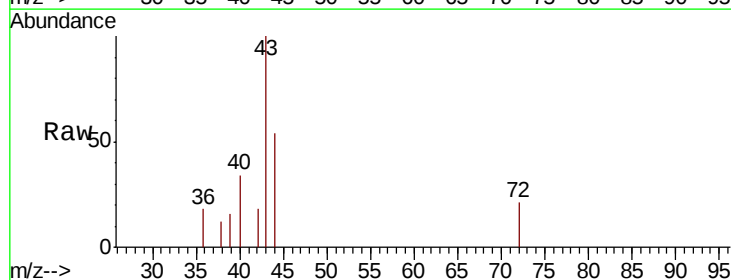
Acq: 09 Oct 2018 20:43

Tgt Ion: 43 Resp: 1398

Ion Ratio Lower Upper

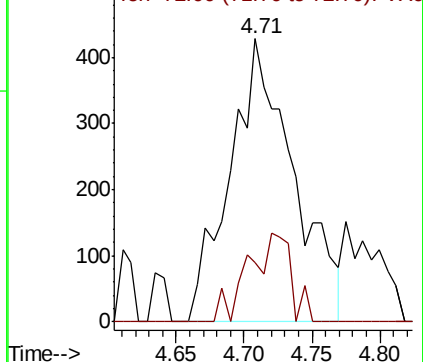
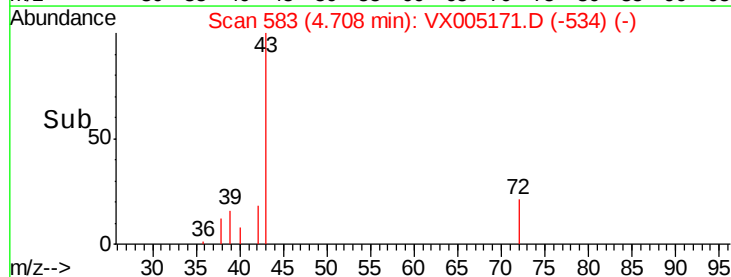
43 100

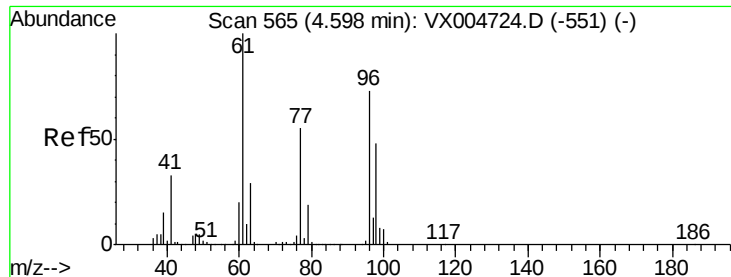
72 21.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



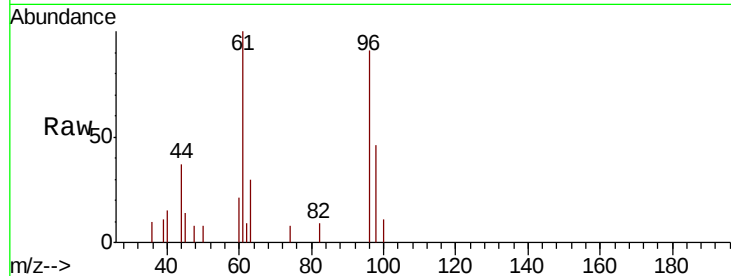


#27

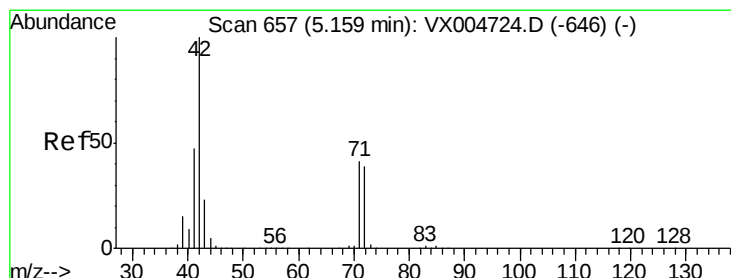
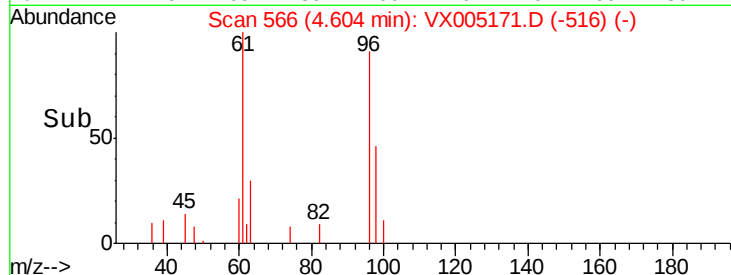
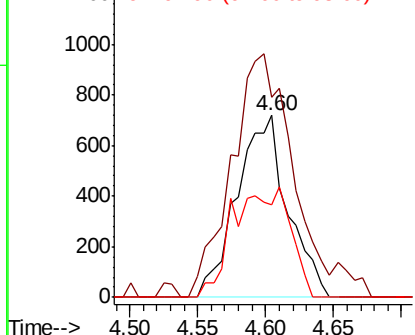
cis-1,2-Dichloroethene
Concen: 0.807 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181003

Tot Ion: 96 Resp: 1877
Ion Ratio Lower Upper
96 100
61 165.7 0.0 285.8
98 67.8 0.0 136.2



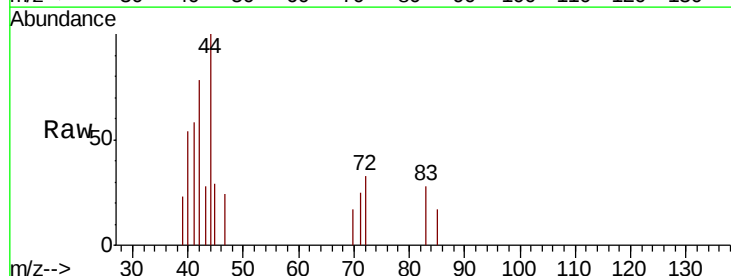
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



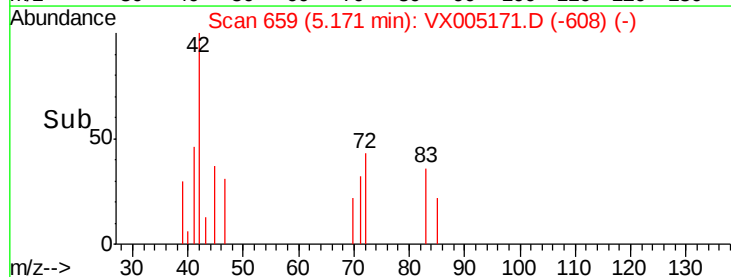
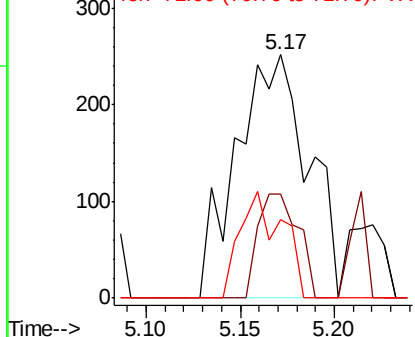
#29

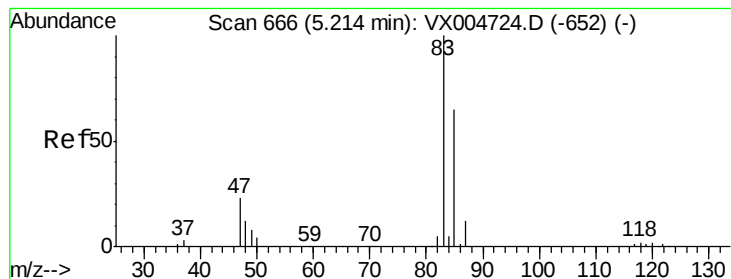
Tetrahydrofuran
Concen: 0.495 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

Tgt Ion: 42 Resp: 664
Ion Ratio Lower Upper
42 100
72 23.9 33.7 50.5#
71 25.6 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





#30

Chloroform

Concen: 0.569 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

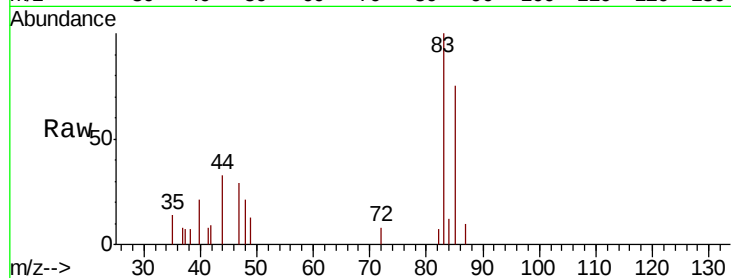
RE-103D3-20181003

Tot Ion: 83 Resp: 2240

Ion Ratio Lower Upper

83 100

85 74.7 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

800

600

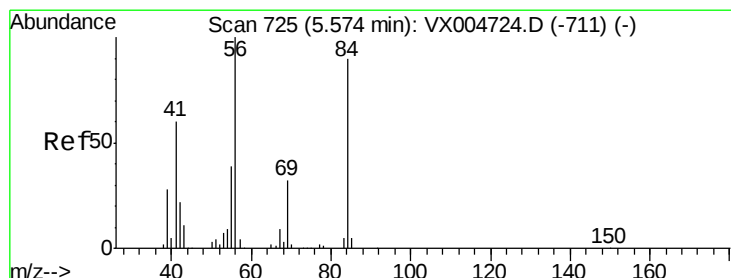
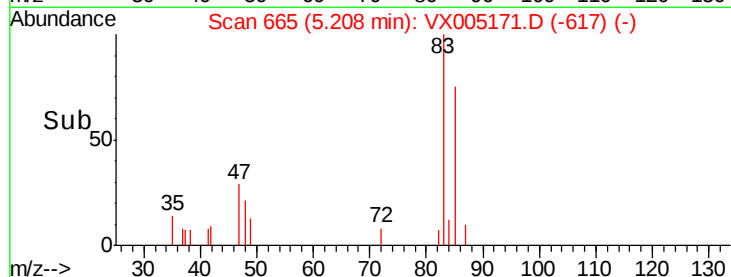
400

200

0

5.15 5.20 5.25 5.30

Time-->



#31

Cyclohexane

Concen: 1.051 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

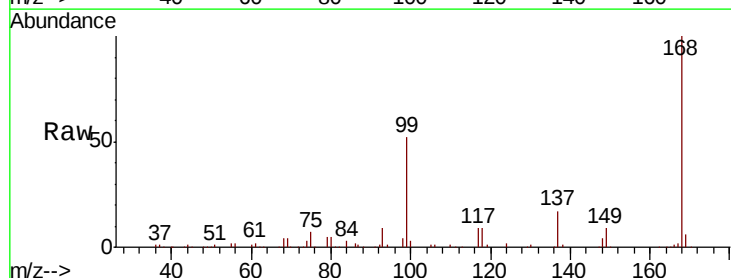
Tgt Ion: 56 Resp: 3350

Ion Ratio Lower Upper

56 100

69 186.4 25.9 38.9#

84 161.5 71.9 107.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

3000

2500

2000

1500

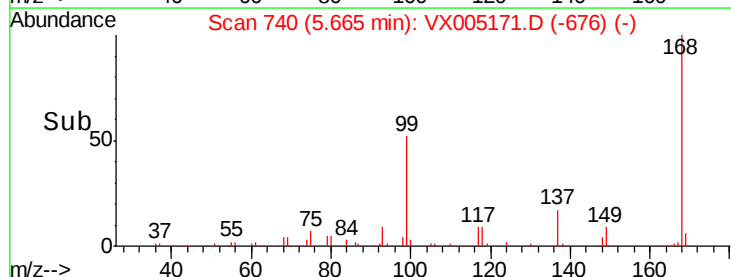
1000

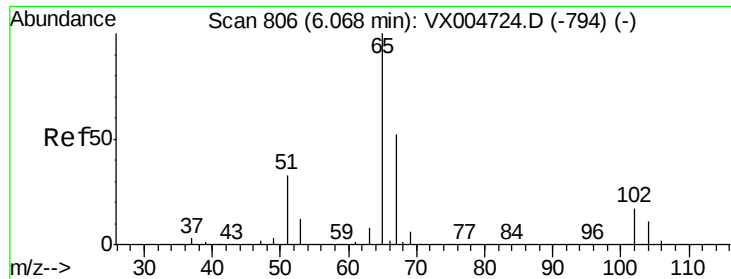
500

0

5.55 5.60 5.65 5.70 5.75

Time-->

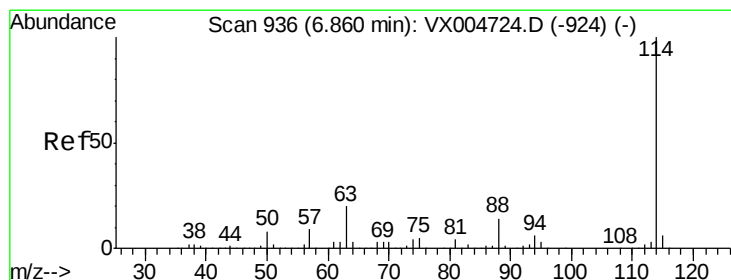
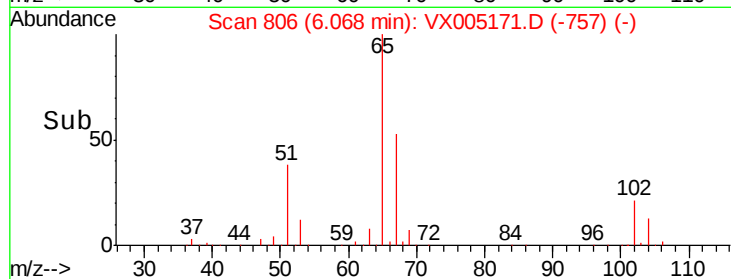
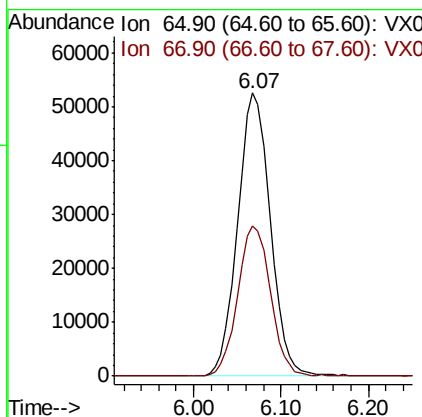
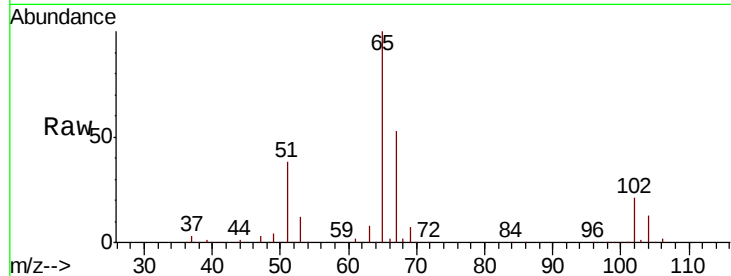




#33
 1,2-Dichloroethane-d4
 Concen: 54.471 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005171.D
 Acq: 09 Oct 2018 20:43

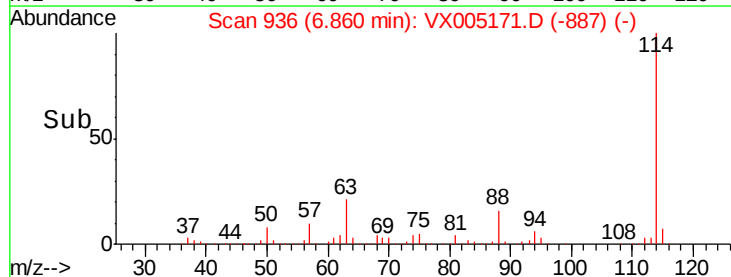
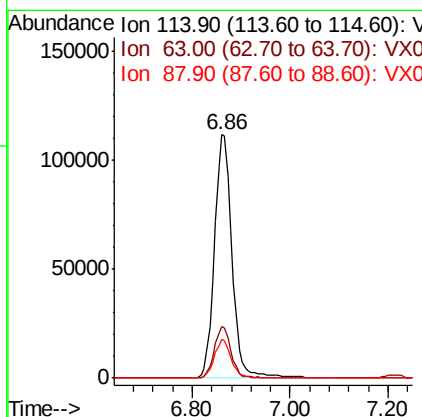
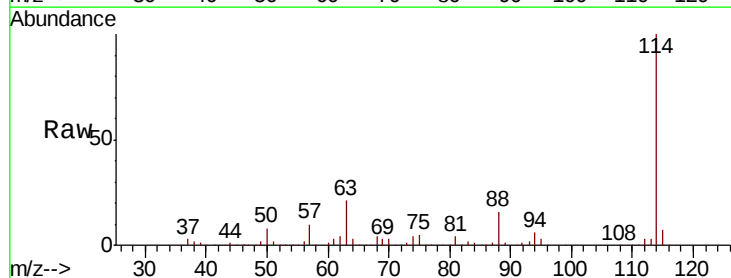
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D3-20181003

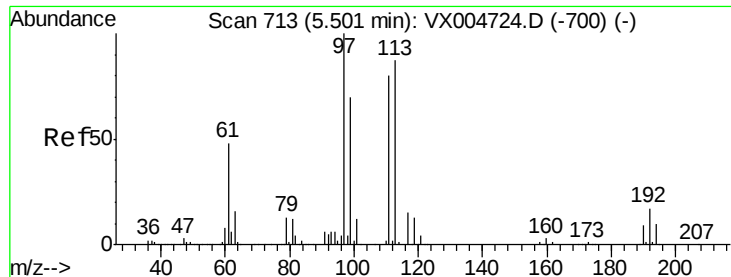
Tot Ion: 65 Resp: 136504
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005171.D
 Acq: 09 Oct 2018 20:43

Tgt Ion: 114 Resp: 277912
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.8
 88 15.7 0.0 27.0

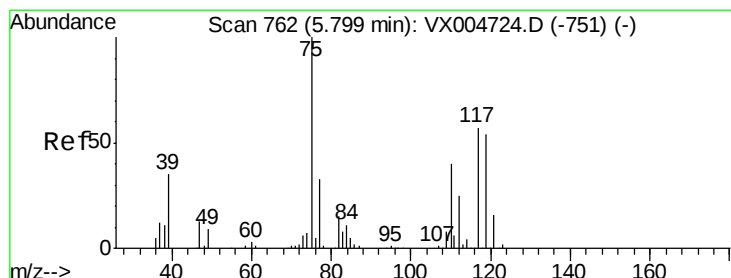
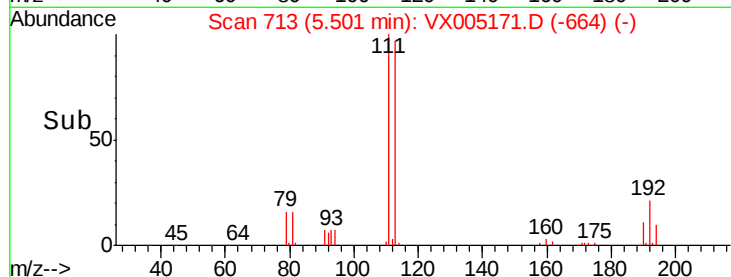
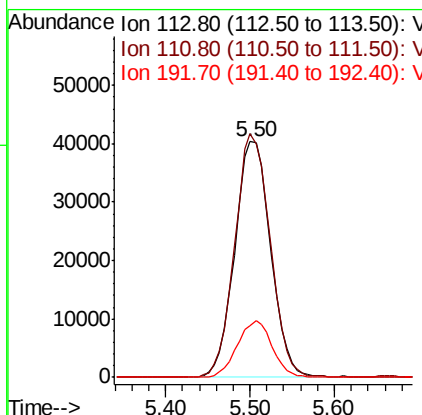
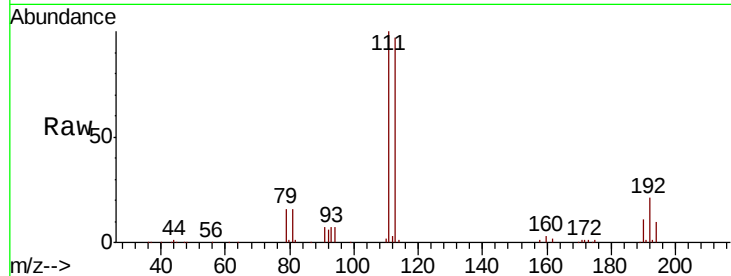




#35
 Dibromofluoromethane
 Concen: 49.468 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005171.D
 Acq: 09 Oct 2018 20:43

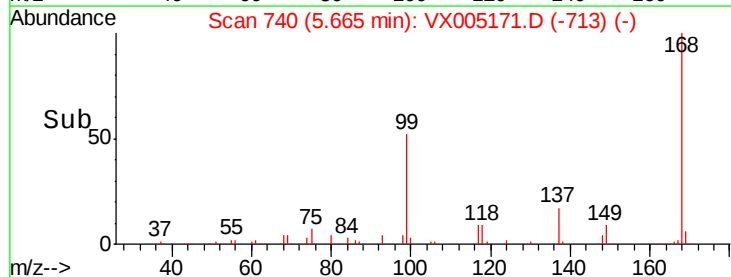
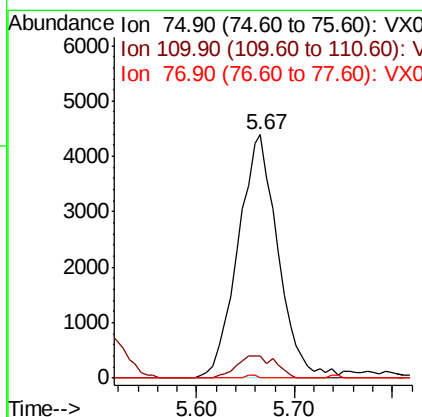
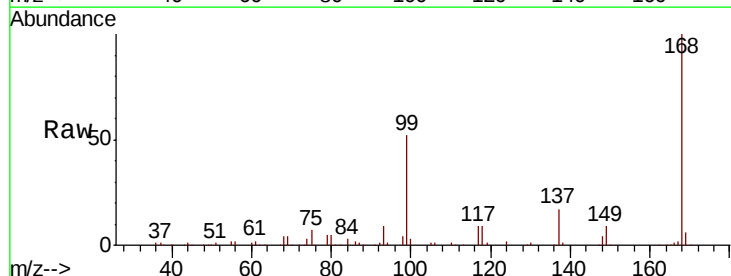
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D3-20181003

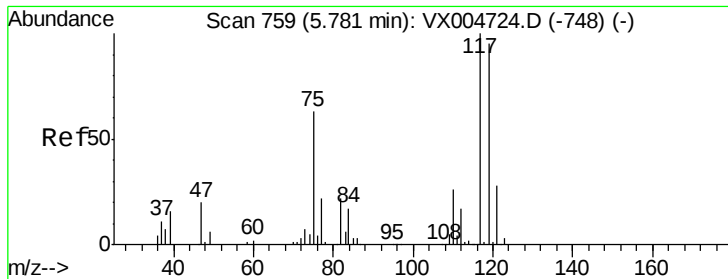
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	77.0	115.4
192	23.5	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 3.870 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005171.D
 Acq: 09 Oct 2018 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	20.0	59.9#
77	0.3	27.1	40.7#





#38

Carbon Tetrachloride

Concen: 0.331 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

RE-103D3-20181003

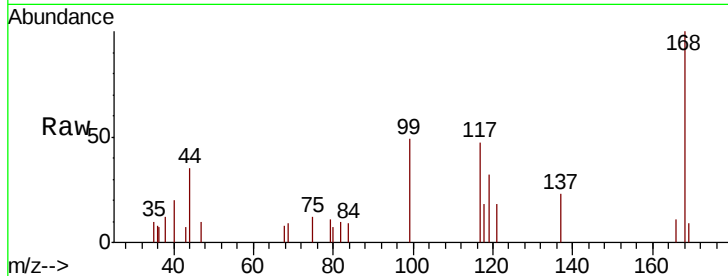
Tot Ion:117 Resp: 1118

Ion Ratio Lower Upper

117 100

119 68.0 75.2 112.8#

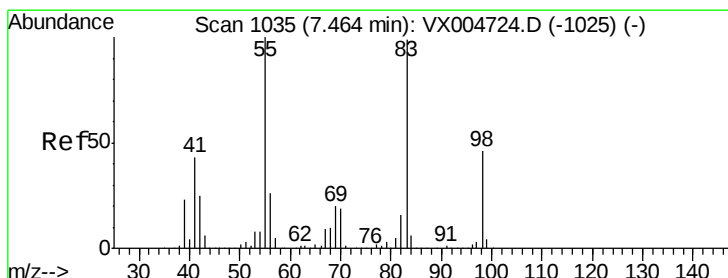
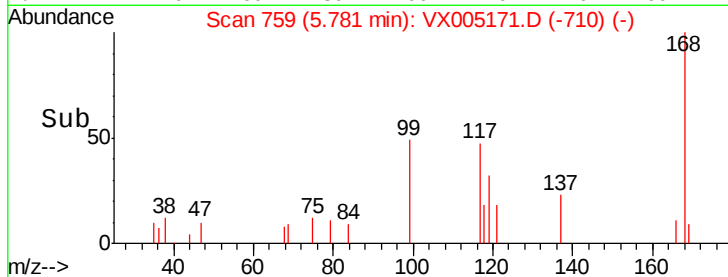
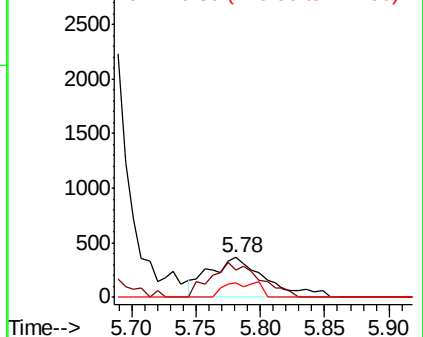
121 37.0 22.5 33.7#



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



#39

Methylcyclohexane

Concen: 4.022 ug/l

RT: 7.22 min Scan# 995

Delta R.T. -0.24 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

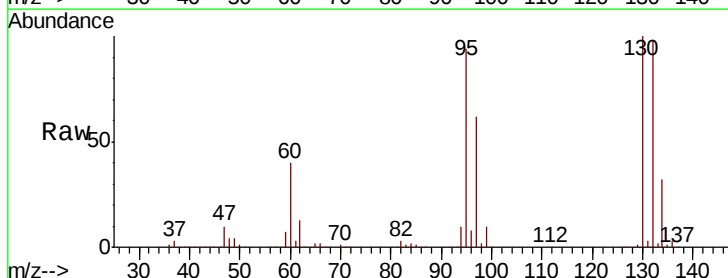
Tgt Ion: 83 Resp: 13199

Ion Ratio Lower Upper

83 100

55 0.0 81.1 121.7#

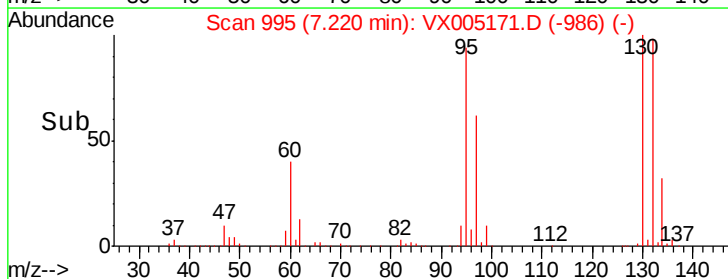
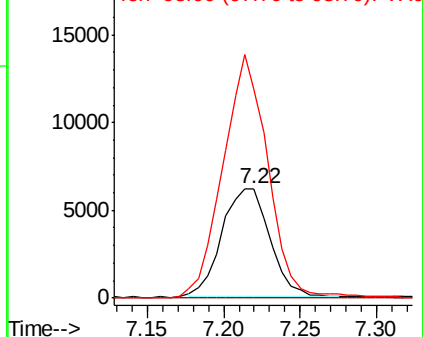
98 190.4 37.3 55.9#

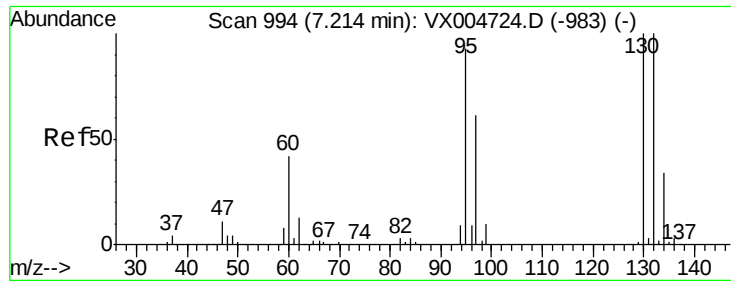


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 481.939 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

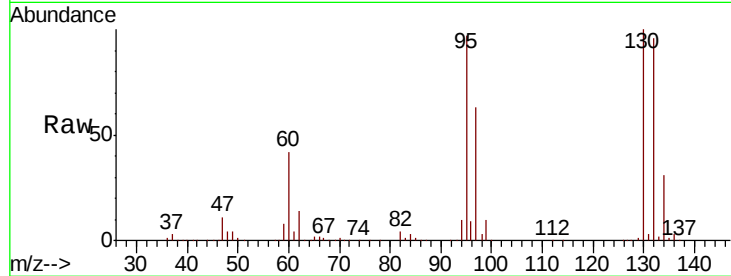
RE-103D3-20181003

Tot Ion:130 Resp: 1191943

Ion Ratio Lower Upper

130 100

95 97.4 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

600000

500000

400000

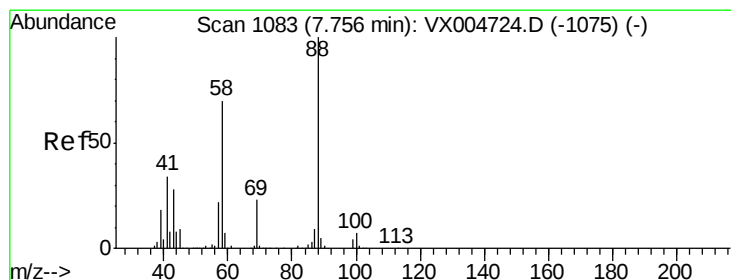
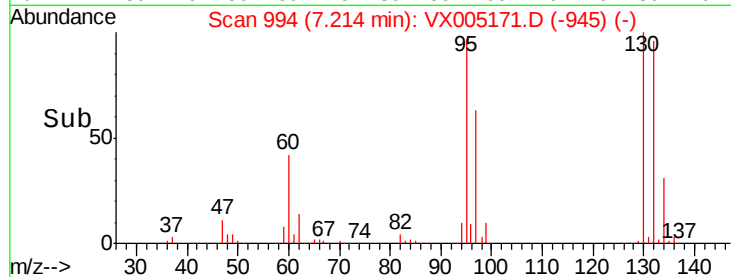
300000

200000

100000

0

Time--> 7.00 7.20 7.40



#49

1,4-Dioxane

Concen: 1.541 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

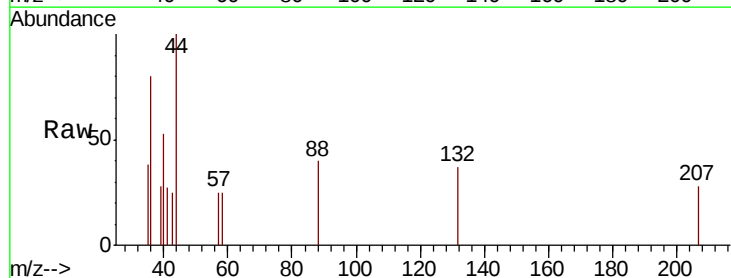
Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

88 100

43 82.2 25.1 37.7#

58 82.2 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

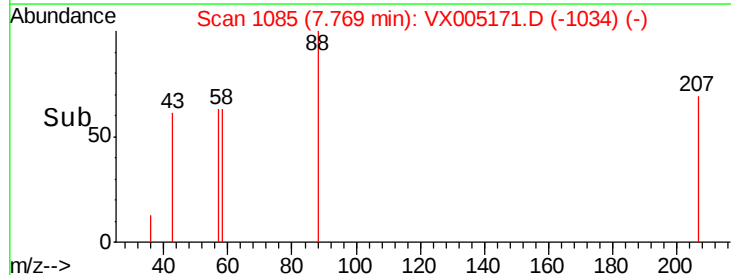
150

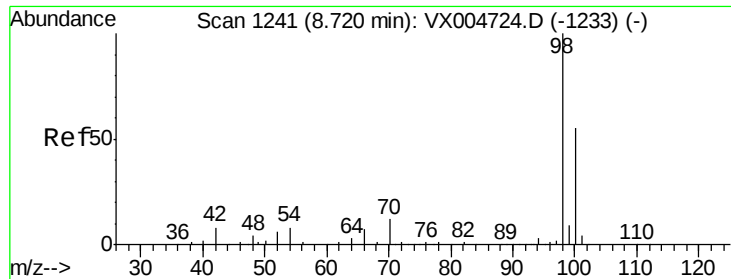
100

50

0

Time--> 7.74 7.76 7.78 7.80

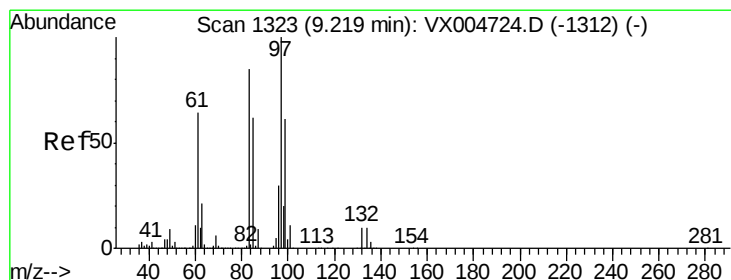
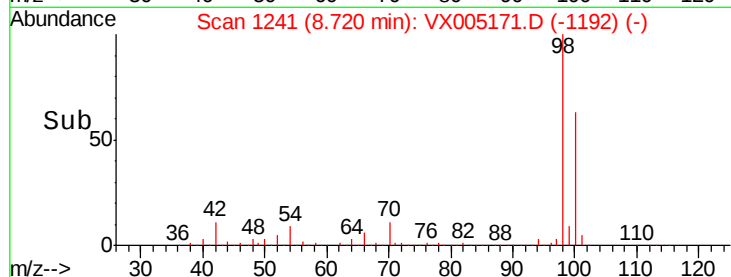
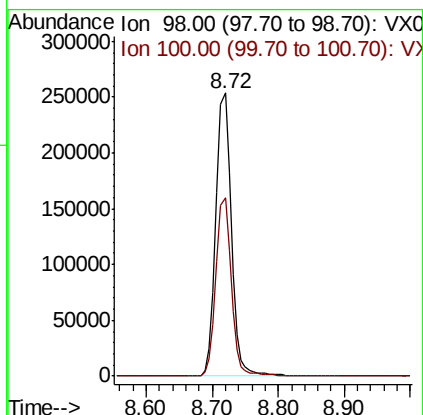
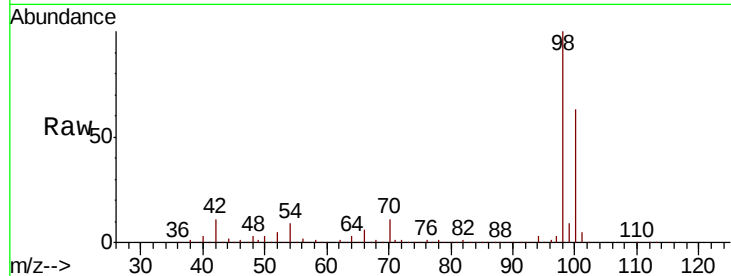




#50
Toluene-d8
Concen: 52.814 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

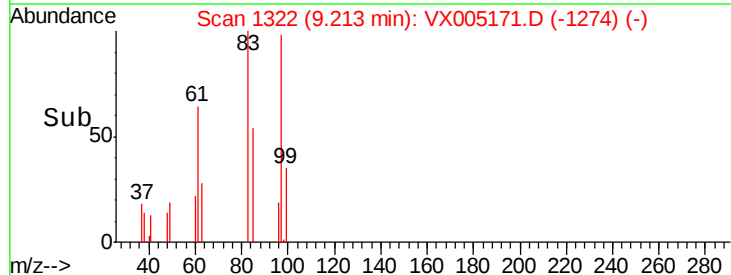
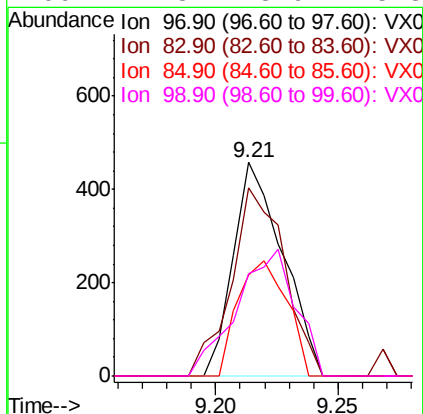
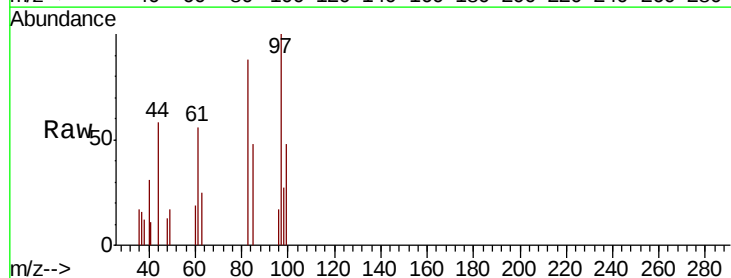
Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181003

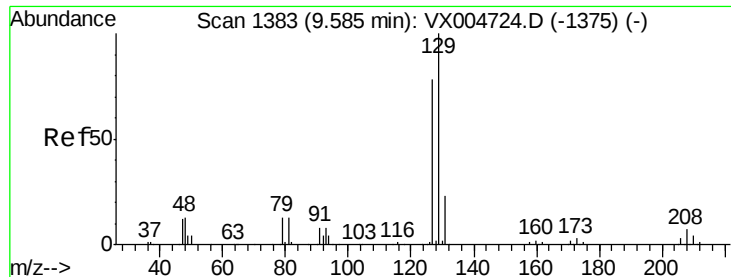
Tot Ion: 98 Resp: 413550
Ion Ratio Lower Upper
98 100
100 62.5 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.266 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

Tgt Ion: 97 Resp: 645
Ion Ratio Lower Upper
97 100
83 88.2 68.2 102.2
85 47.6 49.9 74.9#
99 47.8 48.9 73.3#

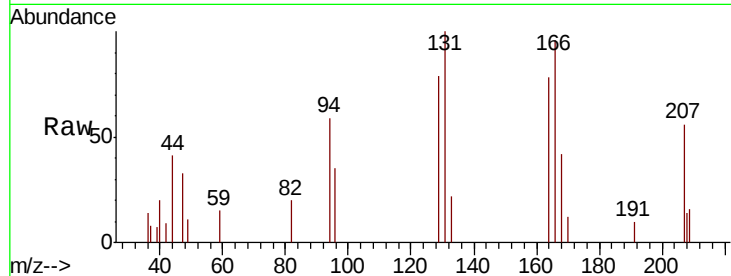




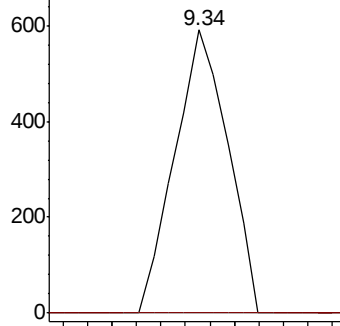
#60
Dibromochloromethane
Concen: 0.368 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181003

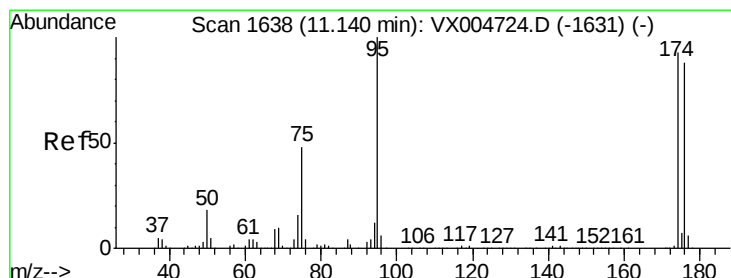
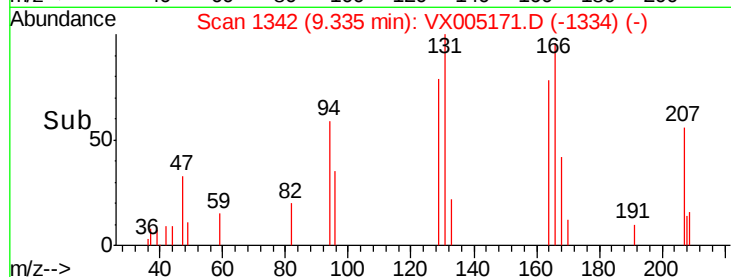
Tot Ion:129 Resp: 891
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

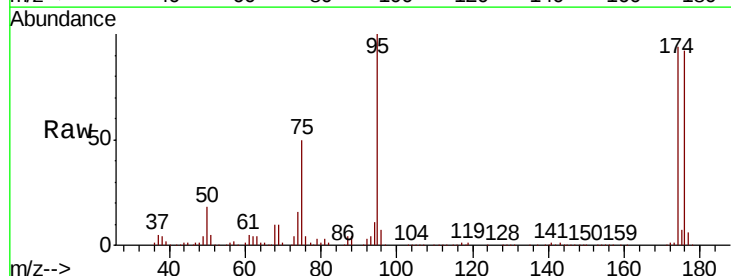


Time-->

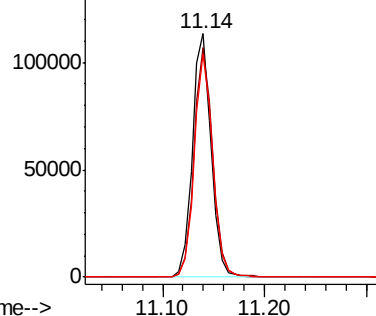


#62
4-Bromofluorobenzene
Concen: 51.413 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

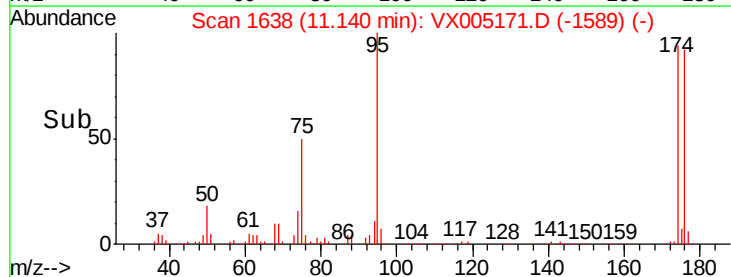
Tgt Ion: 95 Resp: 145031
Ion Ratio Lower Upper
95 100
174 94.0 0.0 185.0
176 89.9 0.0 180.2

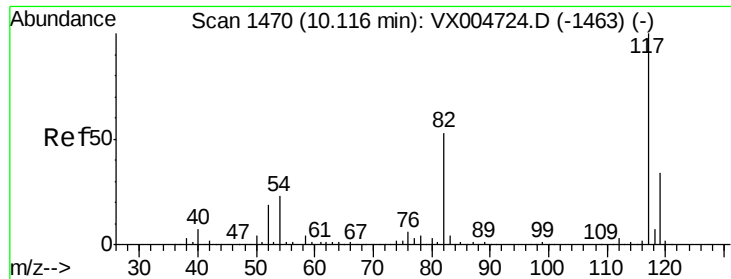


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



Time-->

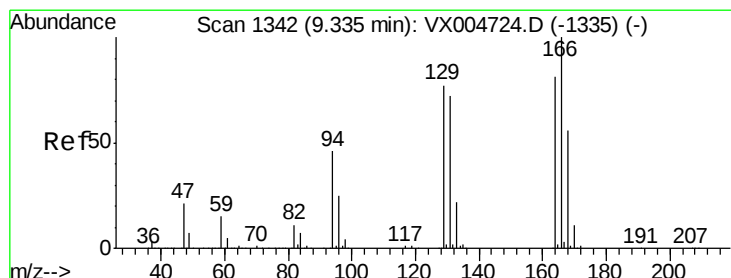
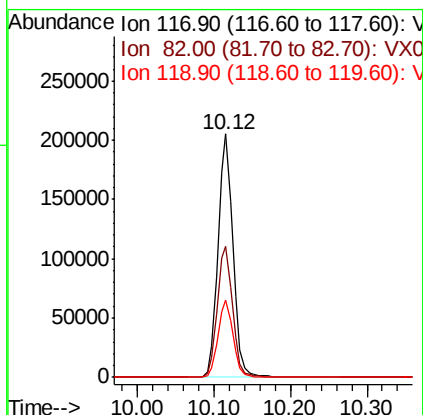
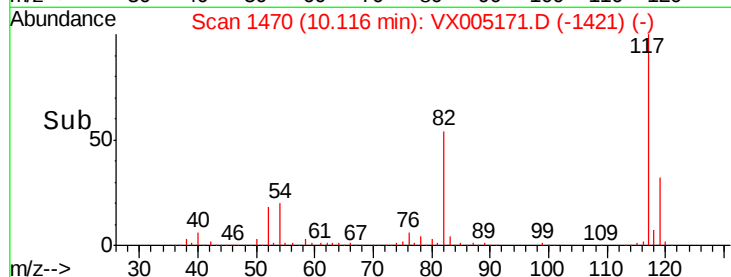
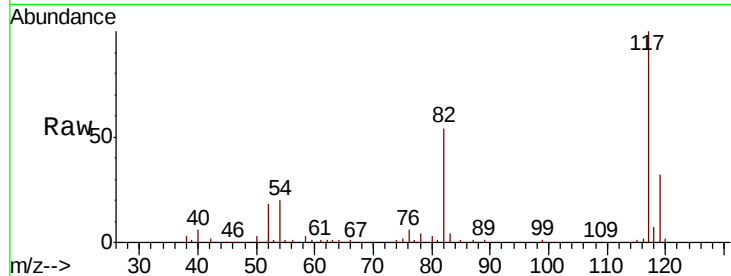




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

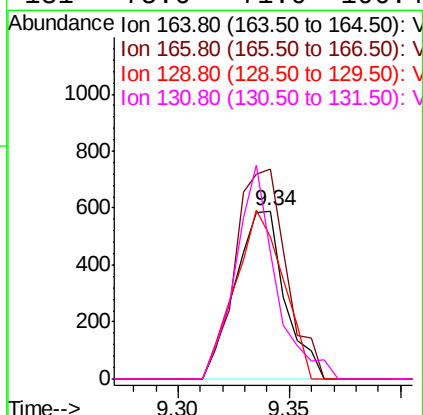
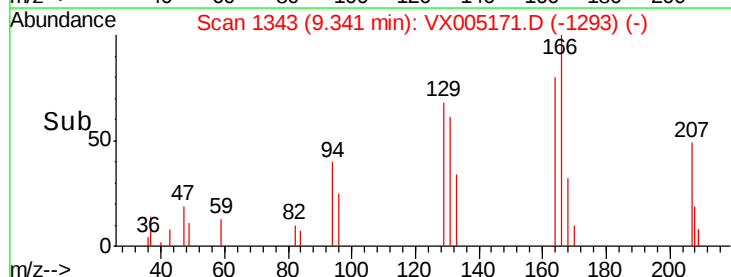
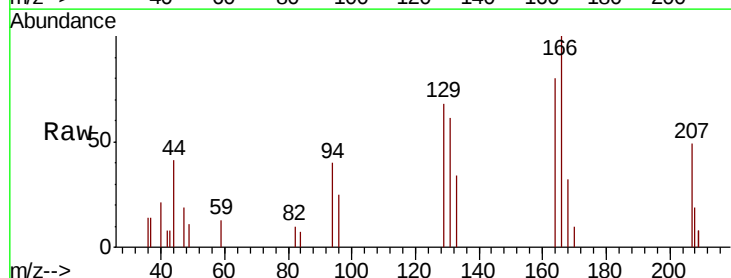
Instrument :
MSVOA_X
ClientSampleId :
RE-103D3-20181003

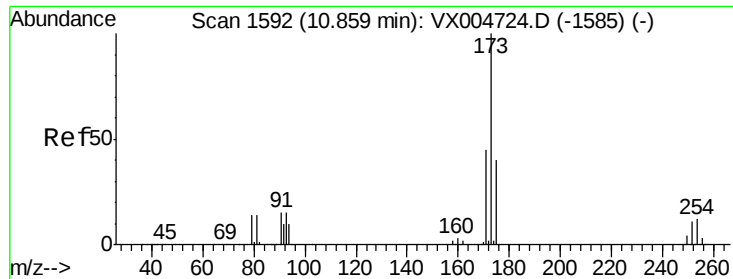
Tot Ion:117 Resp: 277453
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 31.8 27.4 41.0



#64
Tetrachloroethene
Concen: 0.335 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX005171.D
Acq: 09 Oct 2018 20:43

Tgt Ion:164 Resp: 915
Ion Ratio Lower Upper
164 100
166 124.6 98.4 147.6
129 84.4 76.1 114.1
131 75.6 71.0 106.4





#71

Bromoform

Concen: 0.637 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

RE-103D3-20181003

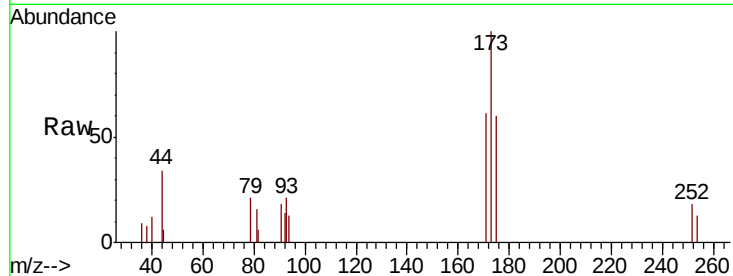
Tot Ion:173 Resp: 1364

Ion Ratio Lower Upper

173 100

175 51.7 23.3 69.8

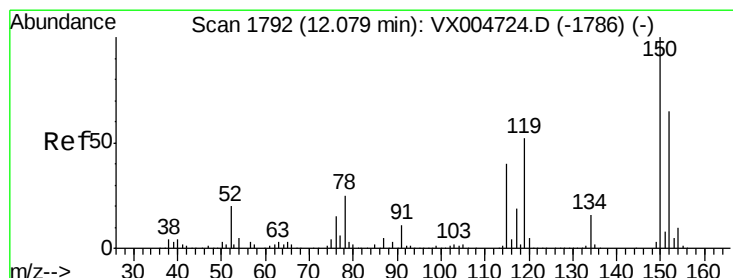
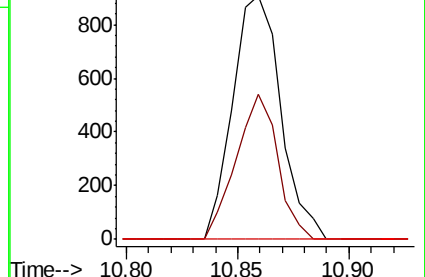
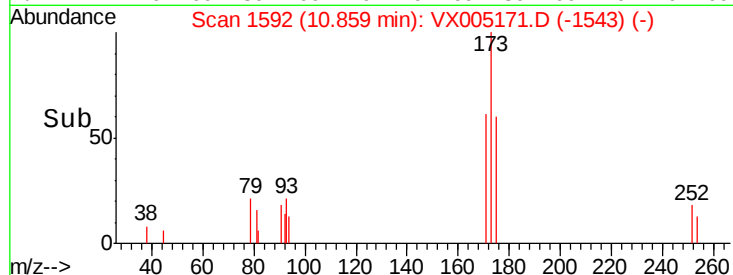
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX005171.D

Acq: 09 Oct 2018 20:43

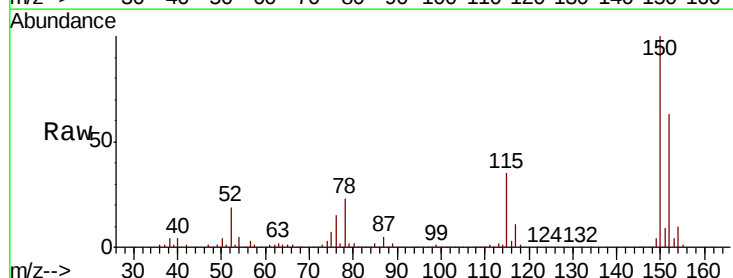
Tgt Ion:152 Resp: 152707

Ion Ratio Lower Upper

152 100

115 55.2 40.2 120.6

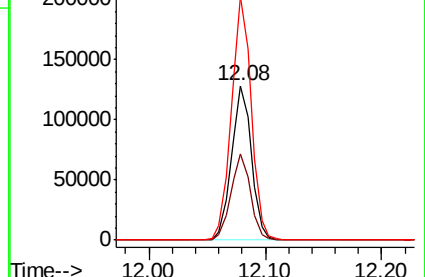
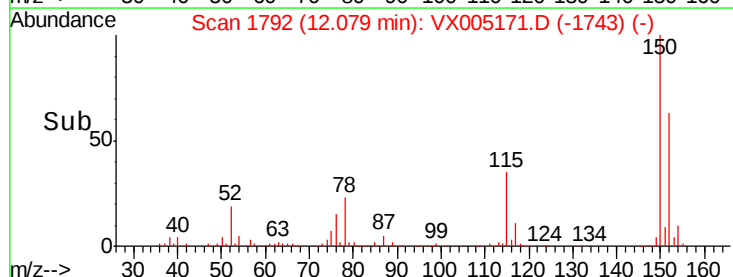
150 157.2 0.0 351.0

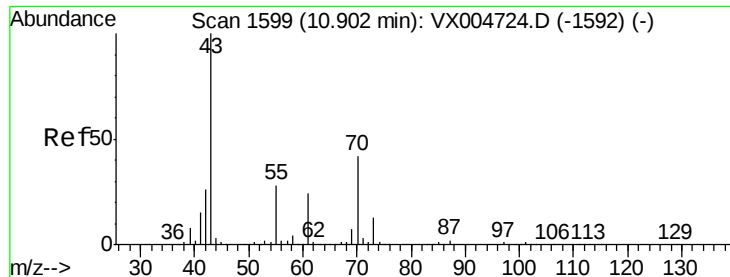


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.763 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

RE-103D3-20181003

Tot Ion: 43 Resp: 84

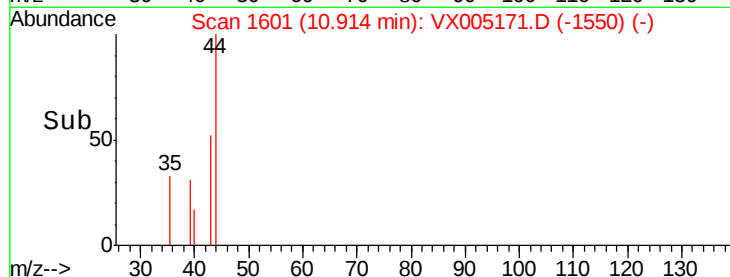
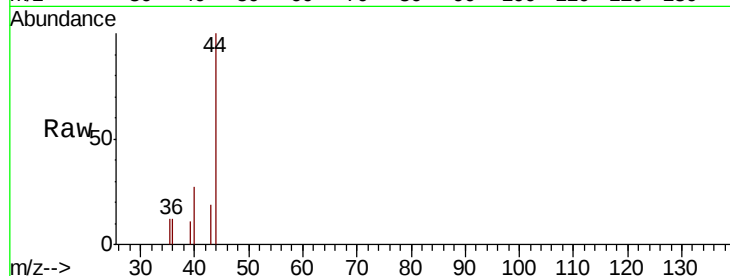
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#

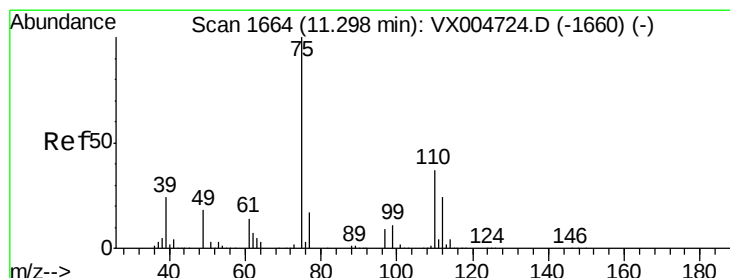
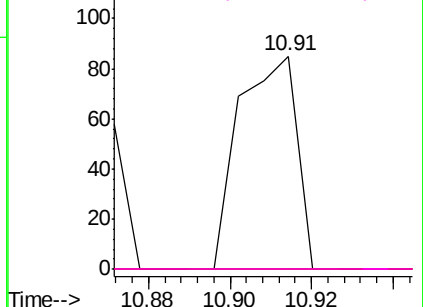


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.123 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005171.D

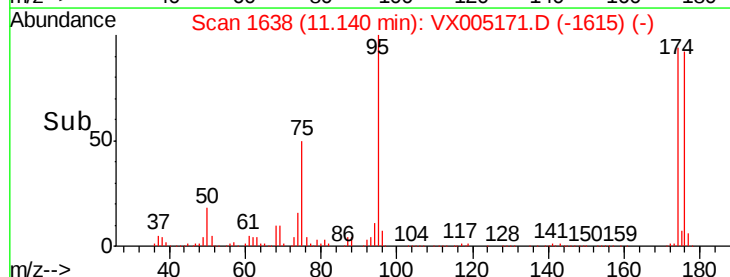
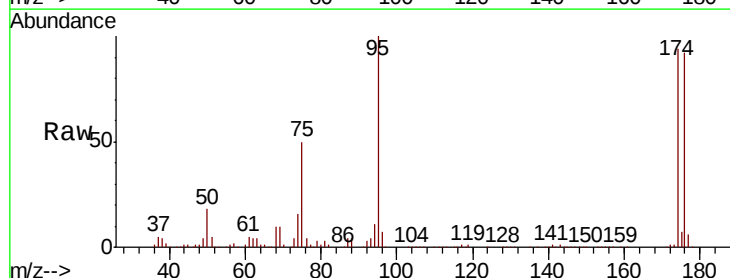
Acq: 09 Oct 2018 20:43

Tgt Ion: 75 Resp: 72297

Ion Ratio Lower Upper

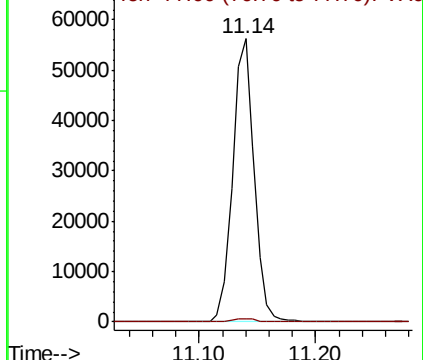
75 100

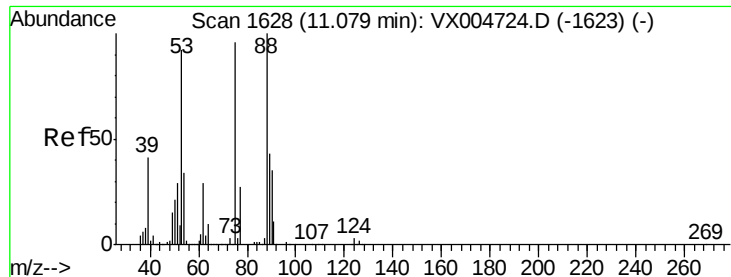
77 1.3 21.4 64.3#



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: 57.307 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

Instrument :

MSVOA_X

ClientSampleId :

RE-103D3-20181003

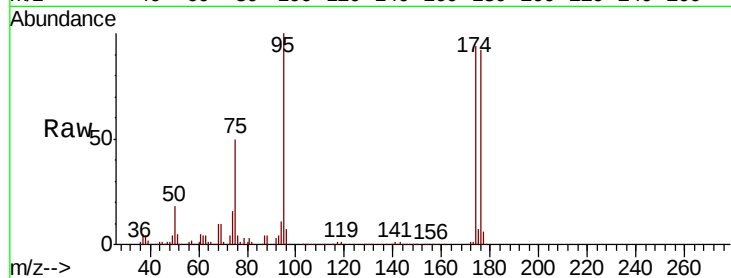
Tot Ion: 75 Resp: 72297

Ion Ratio Lower Upper

75 100

53 0.4 80.2 120.4#

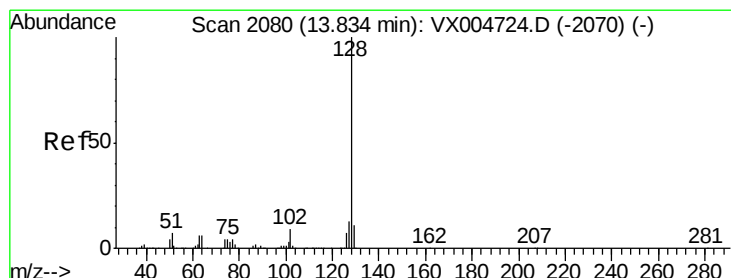
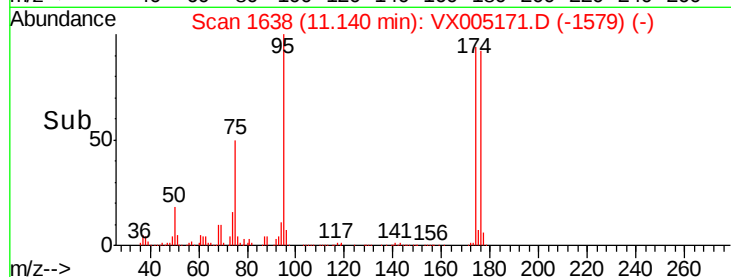
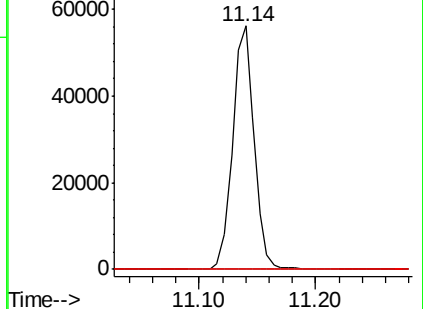
89 0.0 37.1 55.7#



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: 0.742 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX005171.D

Acq: 09 Oct 2018 20:43

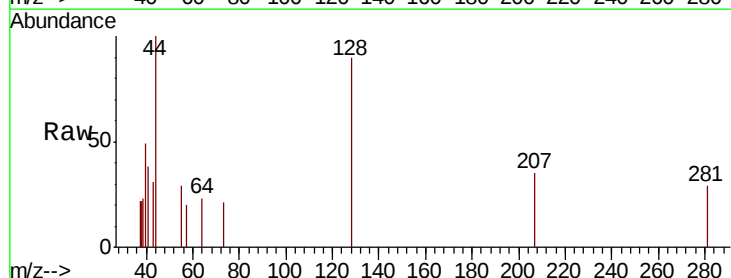
Tgt Ion: 128 Resp: 294

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

