

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072018\
 Data File : VX003528.D
 Acq On : 21 Jul 2018 00:30
 Operator : JC/SP
 Sample : J4014-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-071218

Quant Time: Jul 21 03:44:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	422264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219428	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182621	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	5.50	113	169861	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	8.72	98	605071	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.14	95	206335	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

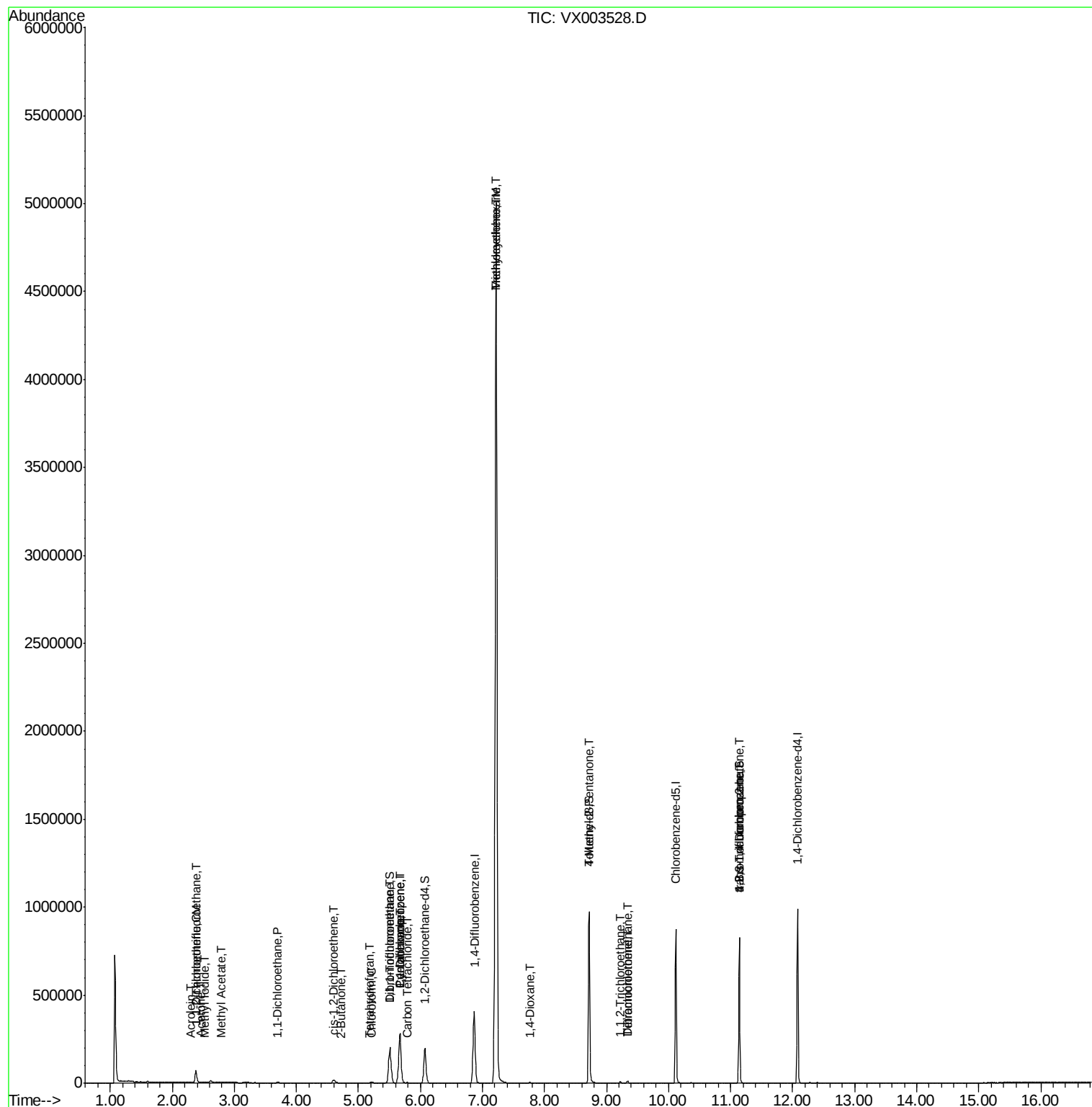
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	740	Below Cal		99
3) Chloromethane	1.32	50	672	Below Cal		99
5) Bromomethane	1.65	94	1195	Below Cal		91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	16416	5.07	ug/l	96
10) Methyl Iodide	2.52	142	1054	0.27	ug/l	94
12) 1,1-Dichloroethene	2.37	96	12017	4.03	ug/l	94
13) Acrolein	2.30	56	64	0.21	ug/l #	67
16) Acetone	2.45	43	2514	1.93	ug/l #	82
18) Methyl Acetate	2.78	43	879	0.21	ug/l #	73
20) Methylene Chloride	2.85	84	897	Below Cal		85
24) 1,1-Dichloroethane	3.70	63	5380	0.92	ug/l	96
25) 2-Butanone	4.73	43	593	0.27	ug/l #	52
27) cis-1,2-Dichloroethene	4.60	96	7841	2.12	ug/l #	1
29) Tetrahydrofuran	5.17	42	1370	0.95	ug/l #	89
30) Chloroform	5.22	83	4277	0.75	ug/l	87
31) Cyclohexane	5.67	56	4614	0.89	ug/l #	1
32) 1,1,1-Trichloroethane	5.51	97	1439	0.30	ug/l #	49
36) 1,1-Dichloropropene	5.67	75	18901	4.15	ug/l #	50
38) Carbon Tetrachloride	5.78	117	1571	0.35	ug/l #	77
39) Methylcyclohexane	7.21	83	21471	3.98	ug/l #	1
44) Trichloroethene	7.22	130	2037169	496.26	ug/l	99
49) 1,4-Dioxane	7.76	88	2058	26.25	ug/l #	87
51) 4-Methyl-2-Pentanone	8.71	43	2491	0.57	ug/l #	1
55) 1,1,2-Trichloroethane	9.22	97	2180	0.63	ug/l	95
60) Dibromochloromethane	9.34	129	2240	0.66	ug/l #	11
64) Tetrachloroethene	9.34	164	2643	0.54	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	97532	24.74	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	97532	69.31	ug/l #	7

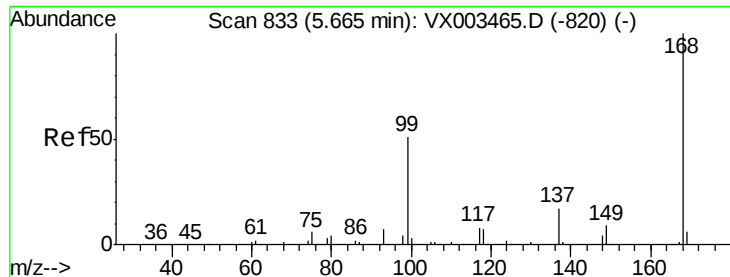
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072018\
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Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

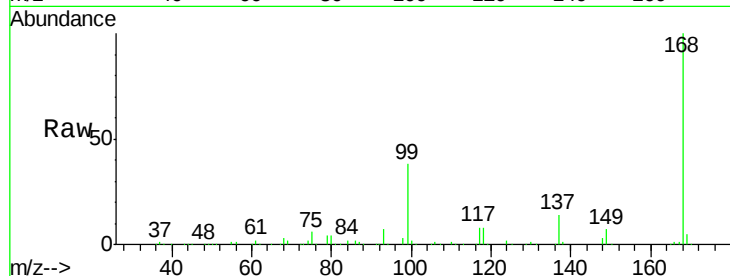
RE103D1-071218

Tot Ion:168 Resp: 291991

Ion Ratio Lower Upper

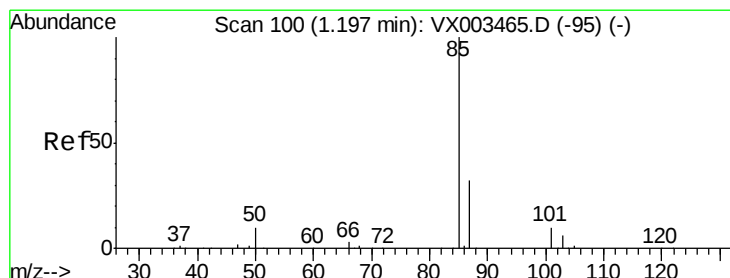
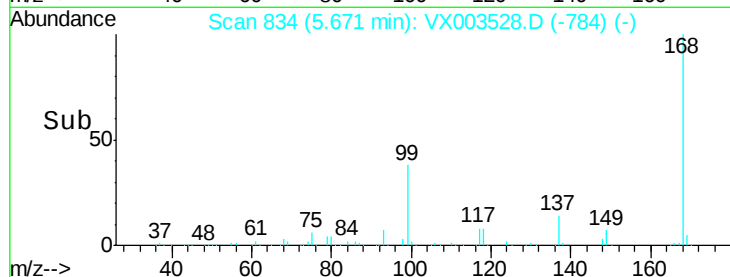
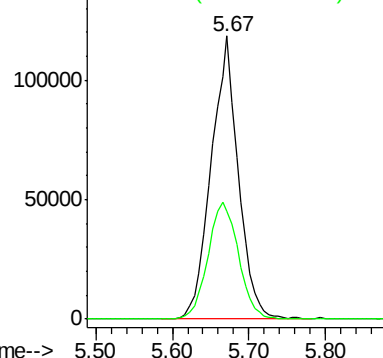
168 100

99 38.2 39.3 58.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003528.D

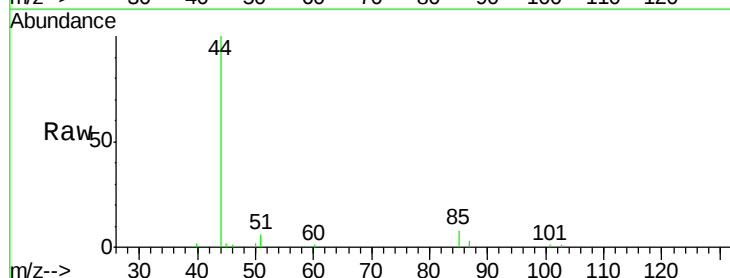
Acq: 21 Jul 2018 00:30

Tgt Ion: 85 Resp: 740

Ion Ratio Lower Upper

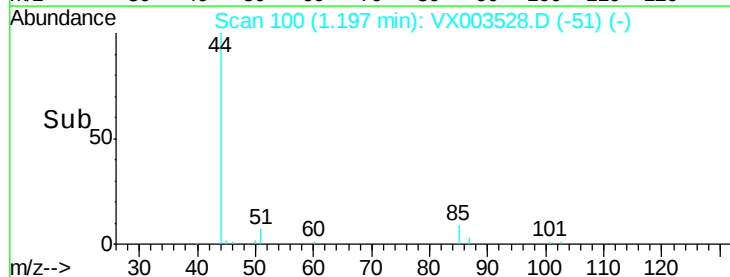
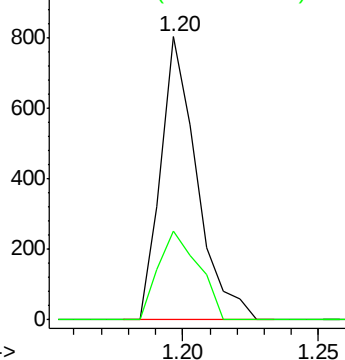
85 100

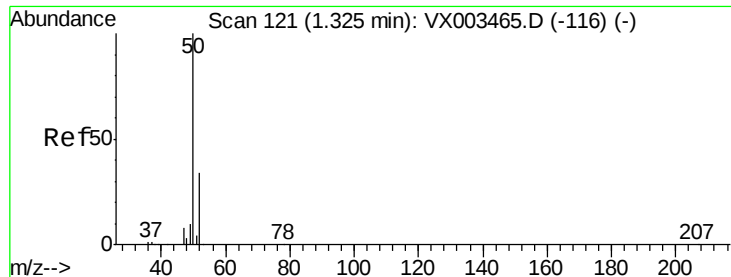
87 31.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

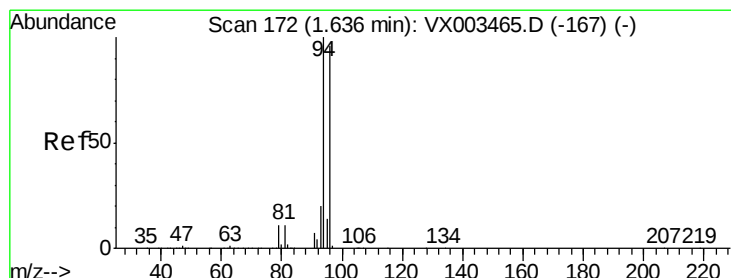
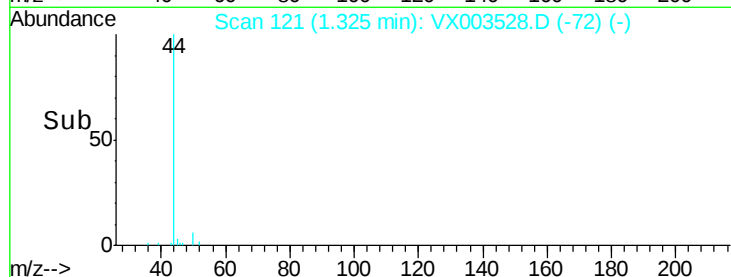
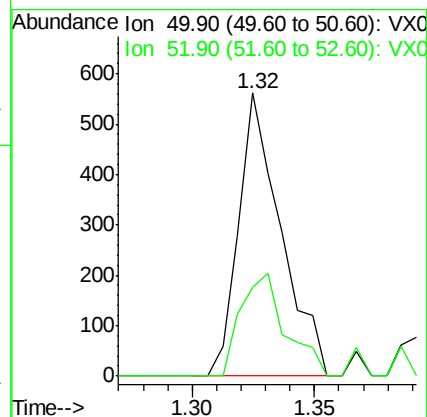
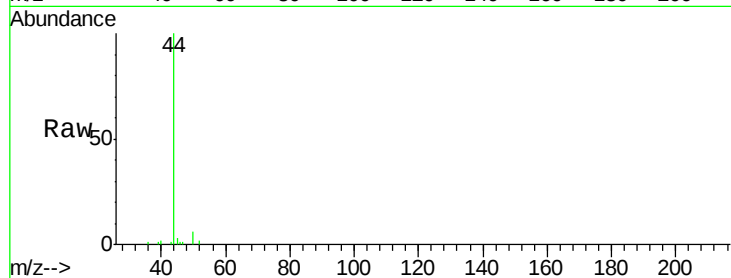
RE103D1-071218

Tot Ion: 50 Resp: 672

Ion Ratio Lower Upper

50 100

52 31.3 25.7 38.5



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003528.D

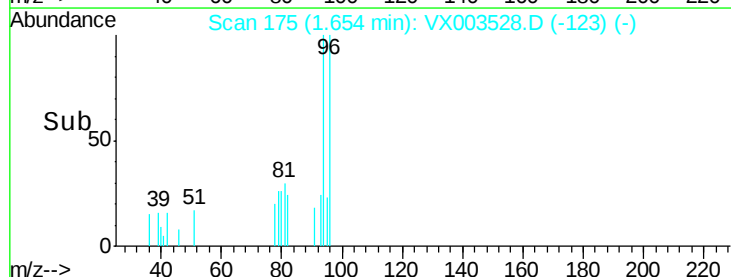
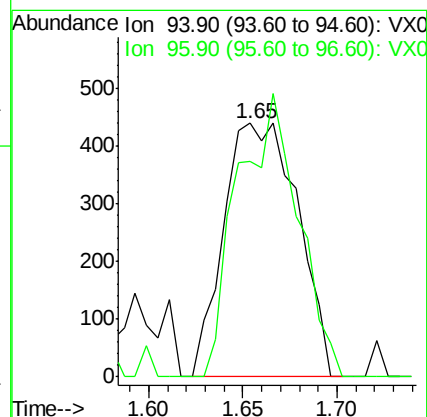
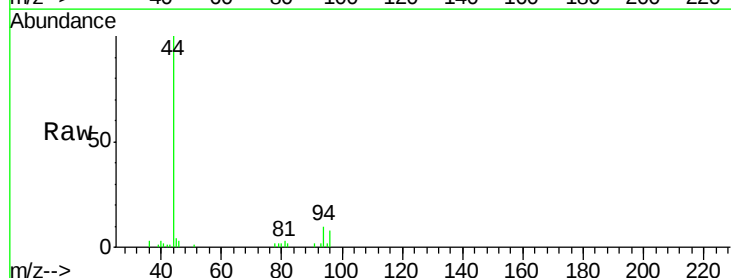
Acq: 21 Jul 2018 00:30

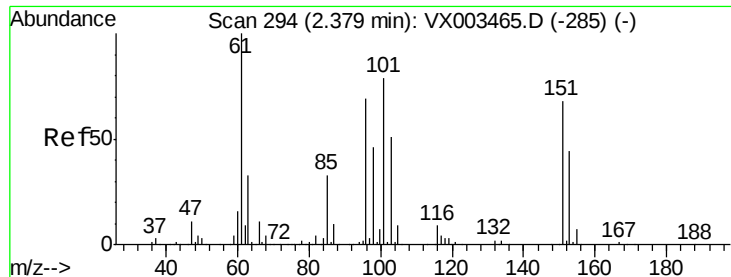
Tgt Ion: 94 Resp: 1195

Ion Ratio Lower Upper

94 100

96 85.2 74.9 112.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.07 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218

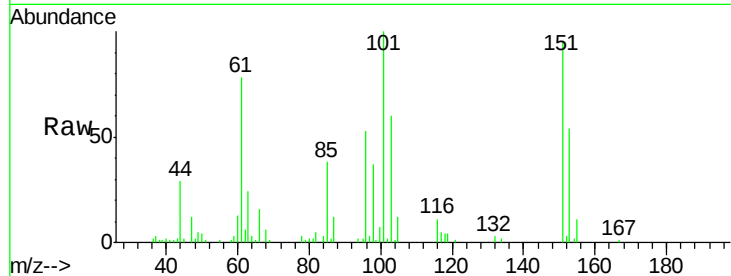
Tot Ion:101 Resp: 16416

Ion Ratio Lower Upper

101 100

85 40.9 36.0 54.0

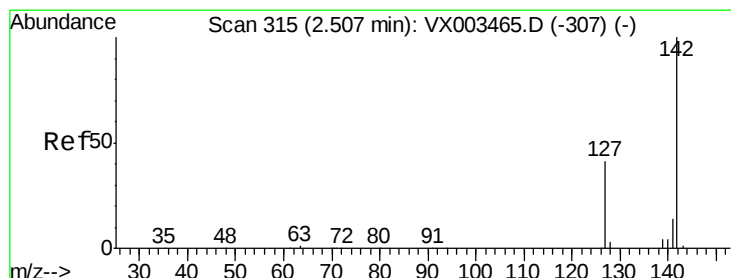
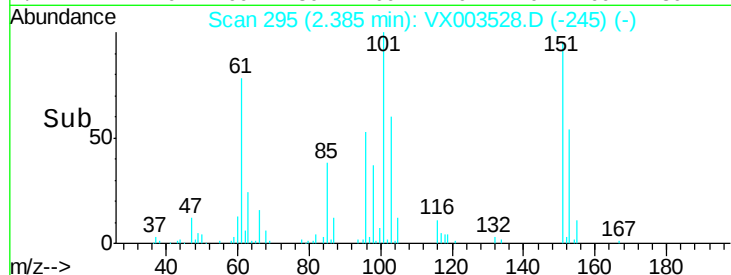
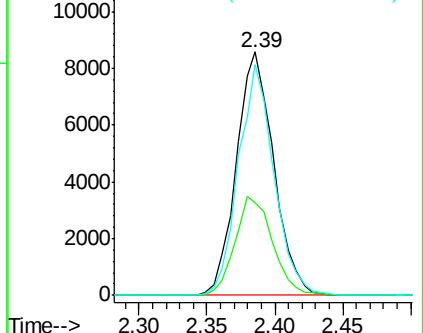
151 90.7 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.27 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

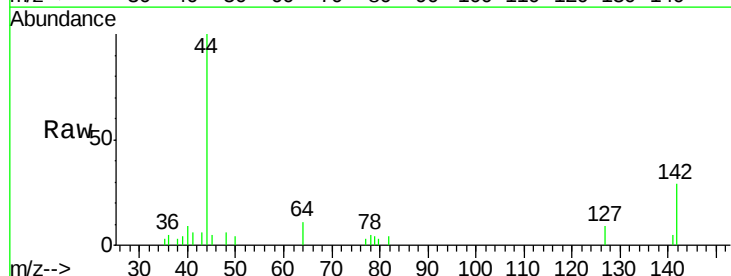
Tgt Ion:142 Resp: 1054

Ion Ratio Lower Upper

142 100

127 41.7 36.6 55.0

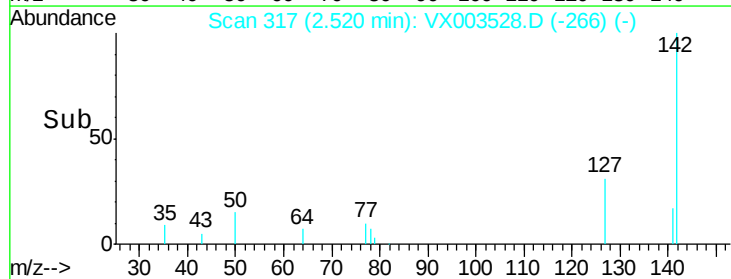
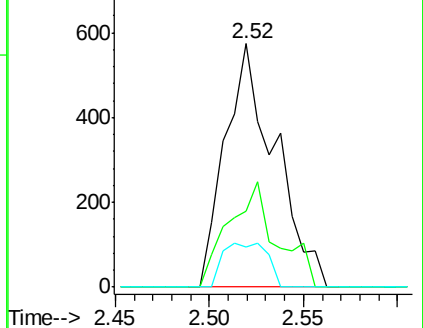
141 16.2 11.3 16.9

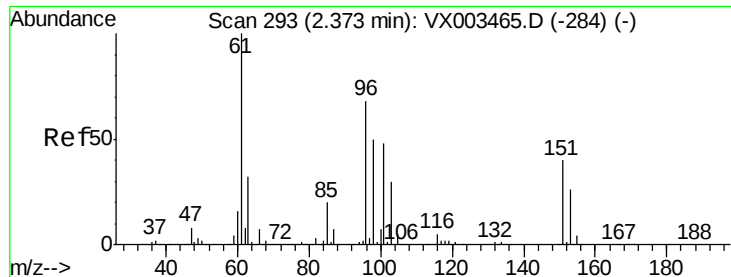


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#12

1,1-Dichloroethene

Concen: 4.03 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218

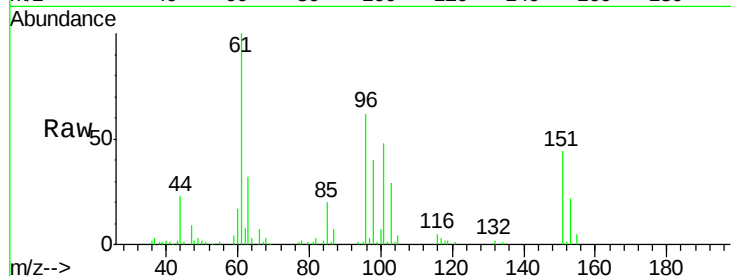
Tot Ion: 96 Resp: 12017

Ion Ratio Lower Upper

96 100

61 160.9 137.9 206.9

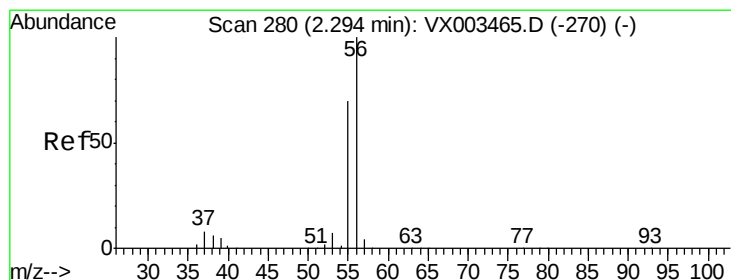
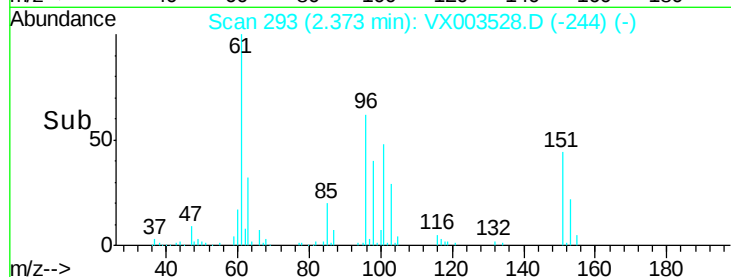
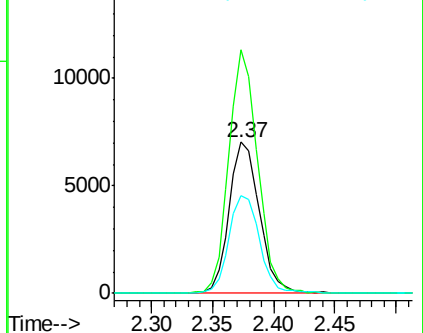
98 64.9 51.6 77.4



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: 0.21 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003528.D

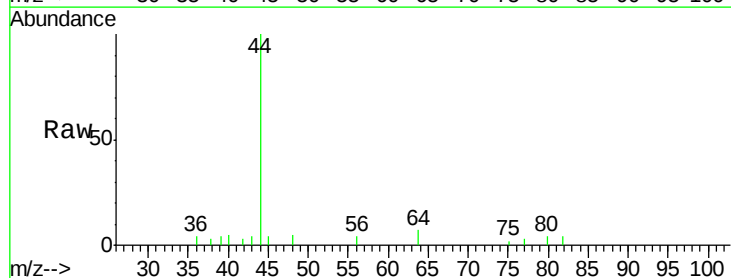
Acq: 21 Jul 2018 00:30

Tgt Ion: 56 Resp: 64

Ion Ratio Lower Upper

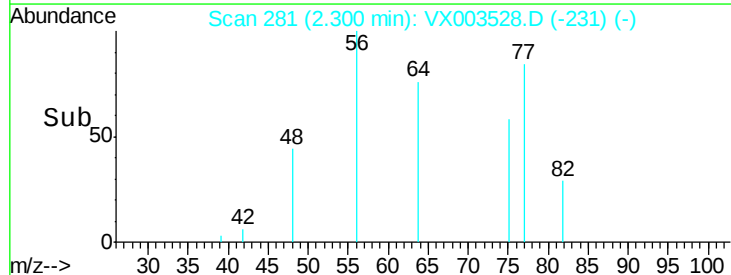
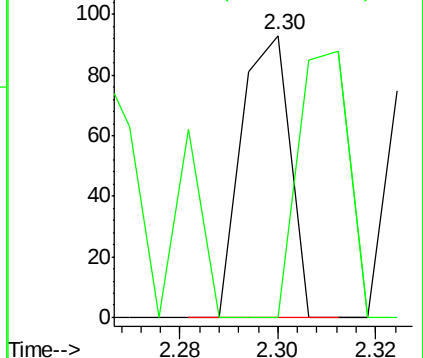
56 100

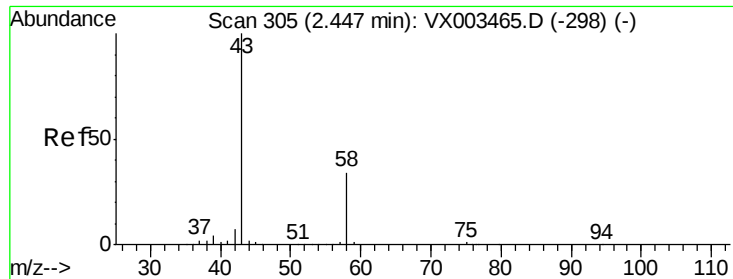
55 98.4 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

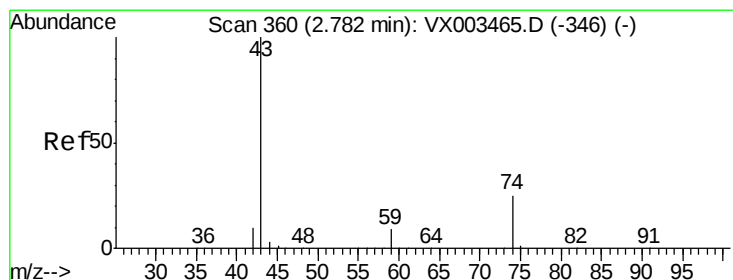
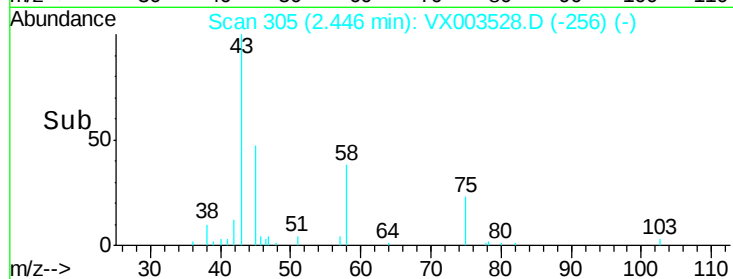
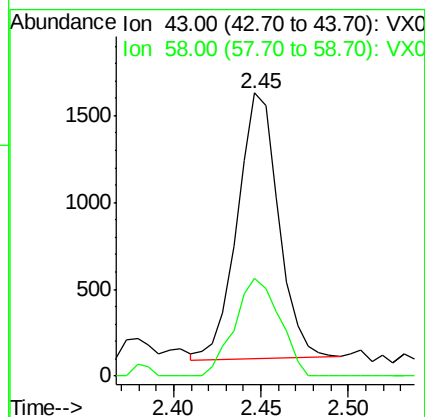
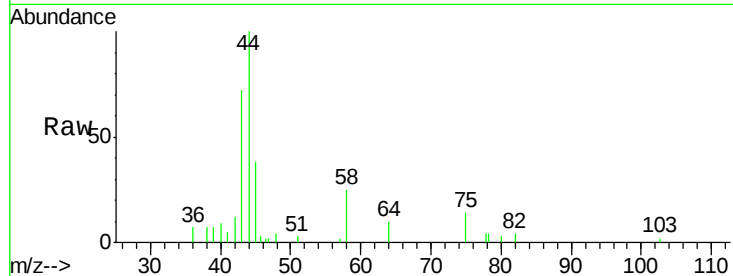




#16
Acetone
Concen: 1.93 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

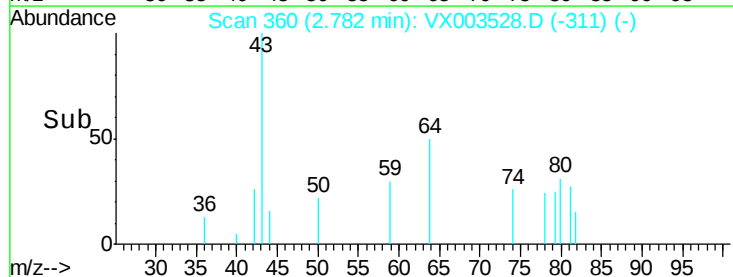
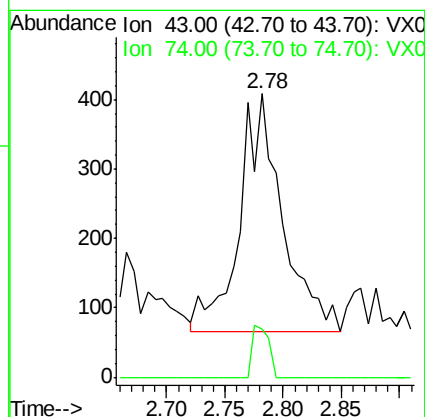
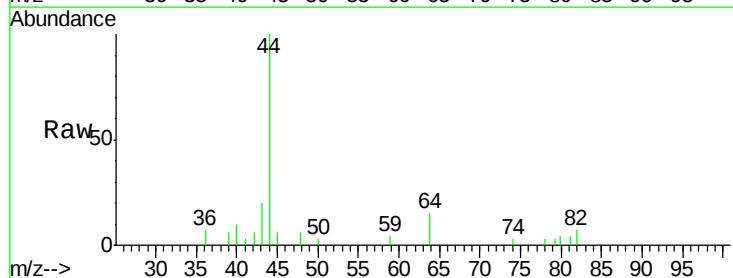
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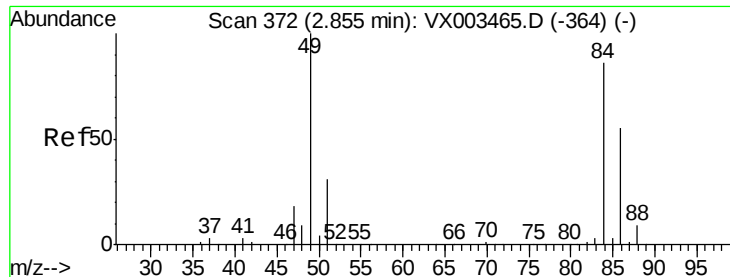
Tot Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
58 36.9 22.1 33.1#



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
74 8.4 16.7 25.1#

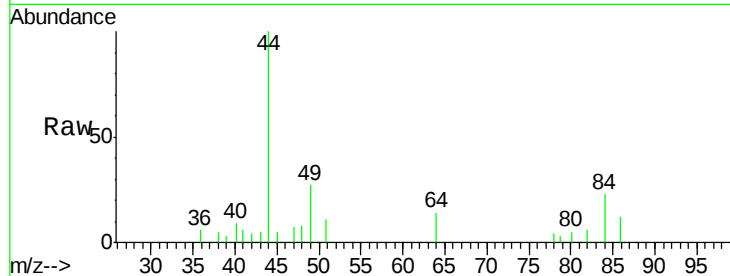




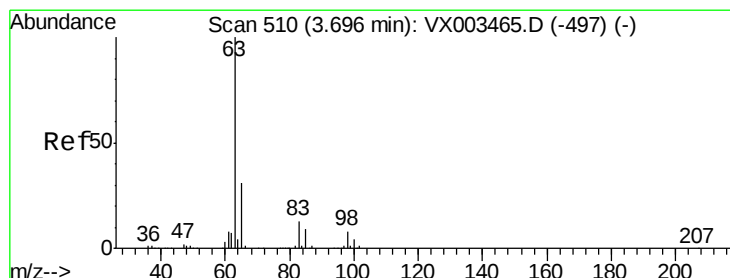
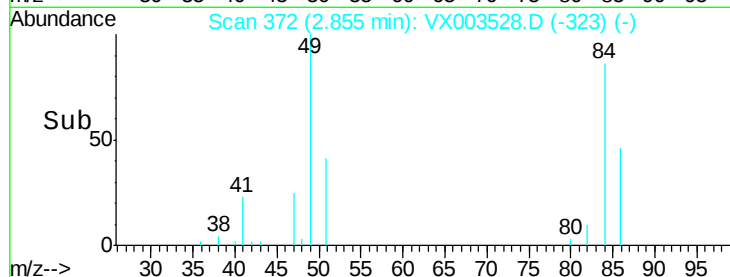
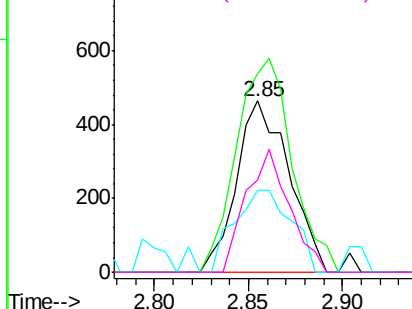
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

Tot Ion:	84	Resp:	897
Ion	Ratio	Lower	Upper
84	100		
49	116.2	107.8	161.6
51	47.7	32.8	49.2
86	53.8	52.5	78.7

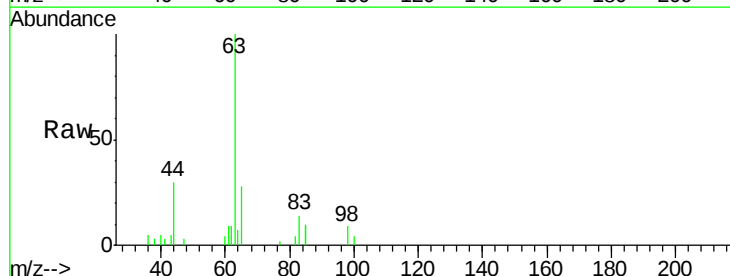


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

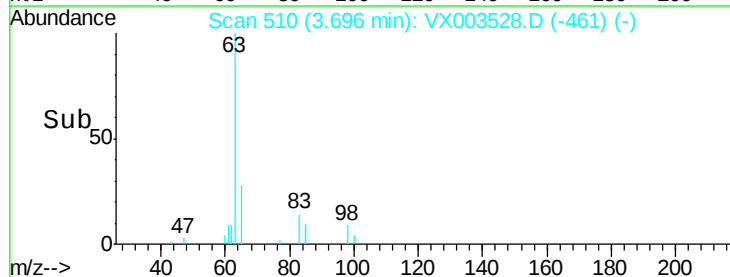
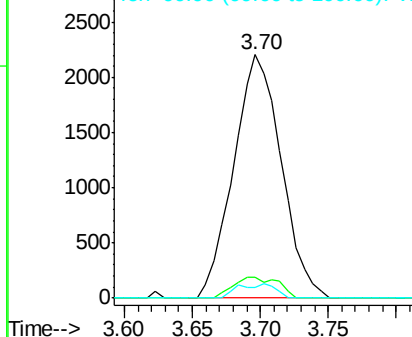


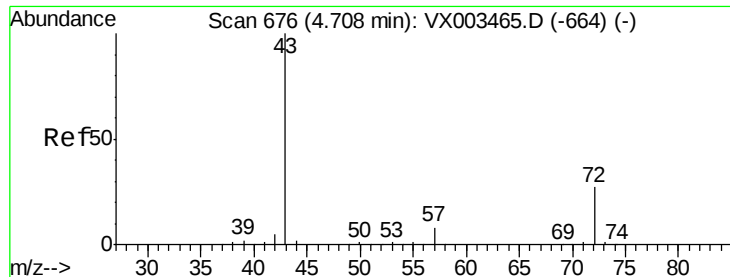
#24
1,1-Dichloroethane
Concen: 0.92 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion:	63	Resp:	5380
Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.4	10.2
100	4.3	2.0	6.0



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: 0.27 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.02 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

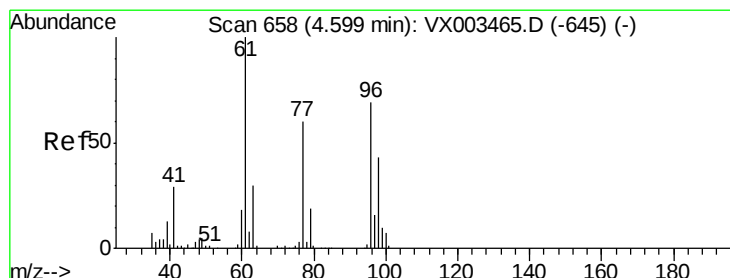
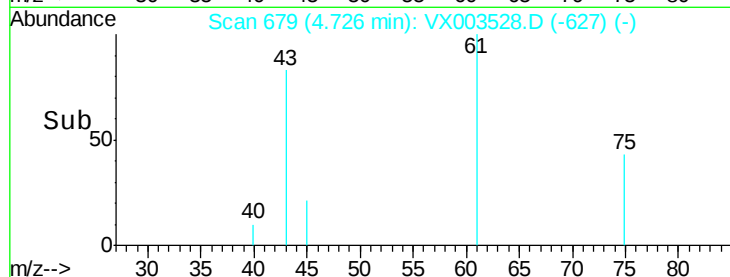
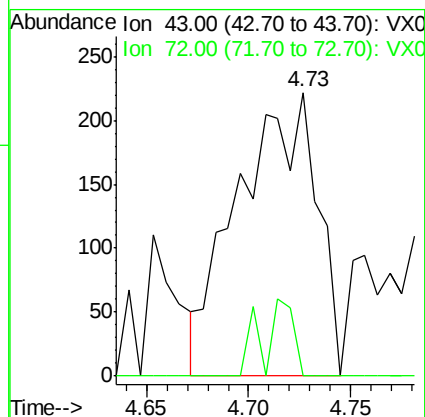
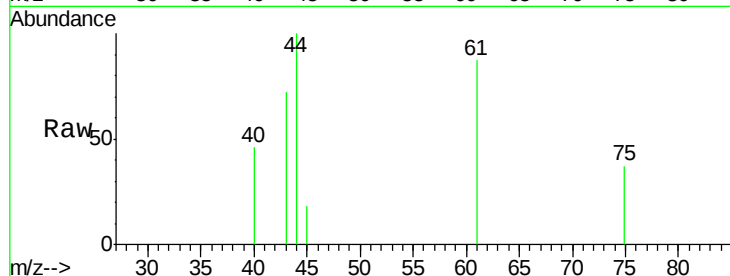
RE103D1-071218

Tot Ion: 43 Resp: 593

Ion Ratio Lower Upper

43 100

72 0.0 18.5 27.7#



#27

cis-1,2-Dichloroethene

Concen: 2.12 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

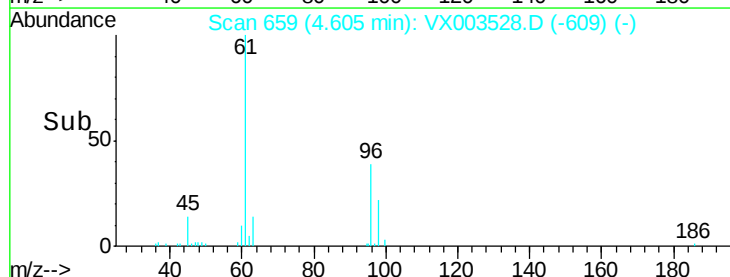
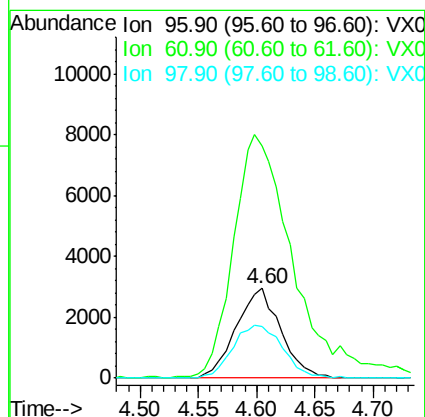
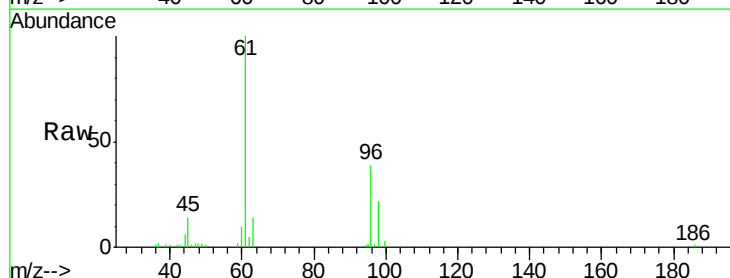
Tgt Ion: 96 Resp: 7841

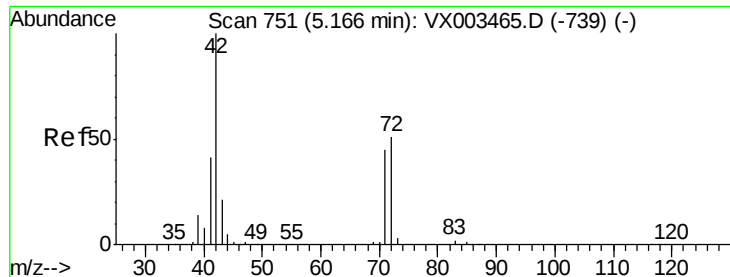
Ion Ratio Lower Upper

96 100

61 376.3 0.0 330.2#

98 66.1 0.0 130.2





#29

Tetrahydrofuran

Concen: 0.95 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218

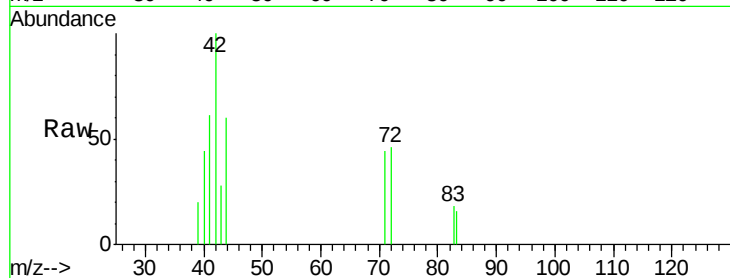
Tot Ion: 42 Resp: 1370

Ion Ratio Lower Upper

42 100

72 51.5 32.0 48.0#

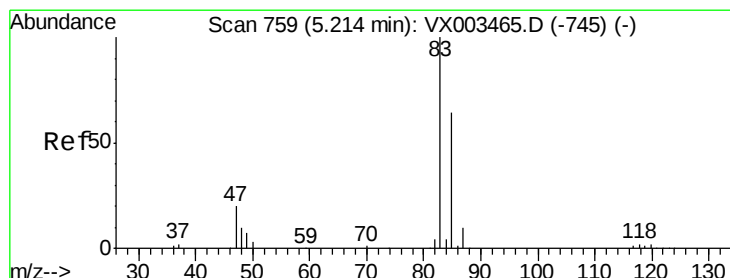
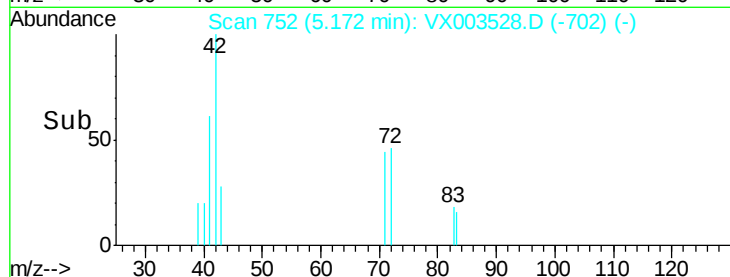
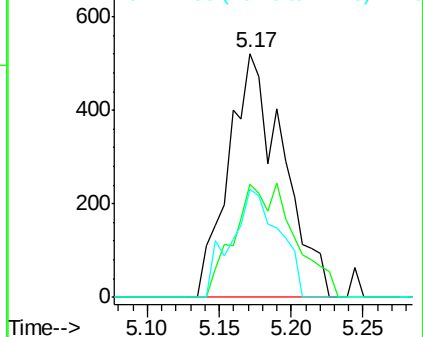
71 39.3 30.1 45.1



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: 0.75 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003528.D

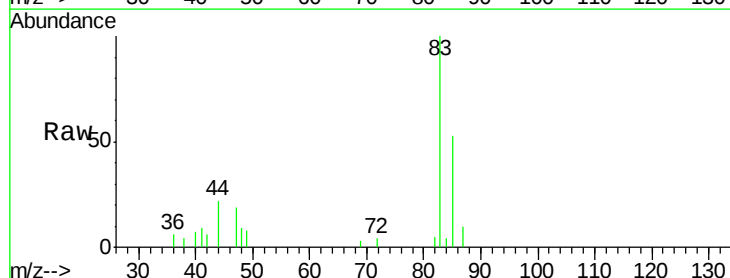
Acq: 21 Jul 2018 00:30

Tgt Ion: 83 Resp: 4277

Ion Ratio Lower Upper

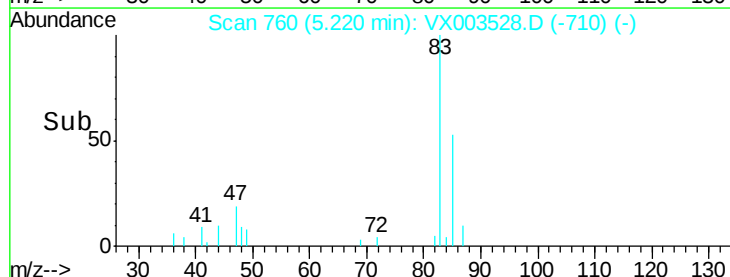
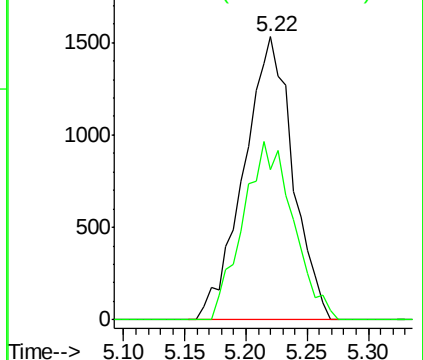
83 100

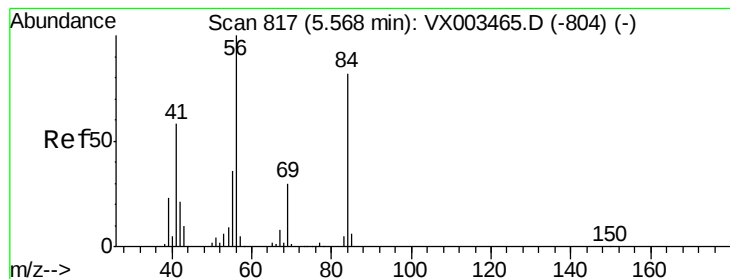
85 53.1 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 0.89 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.10 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218

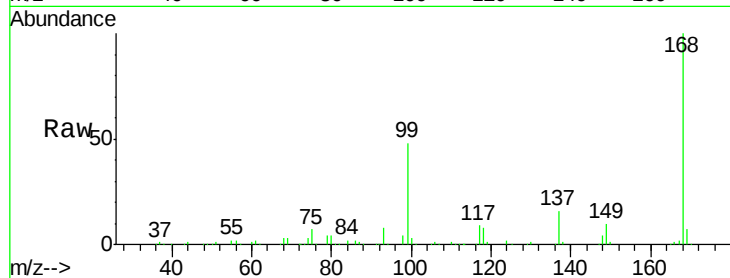
Tot Ion: 56 Resp: 4614

Ion Ratio Lower Upper

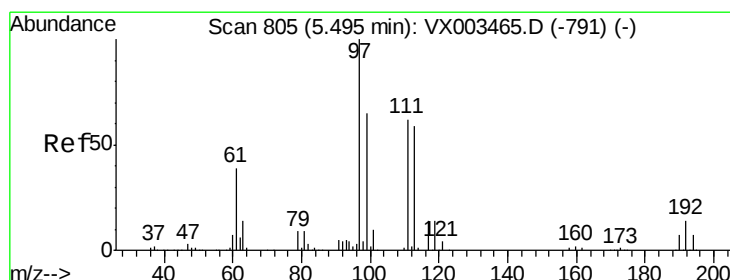
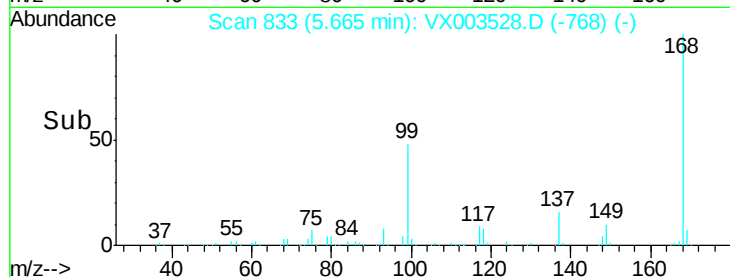
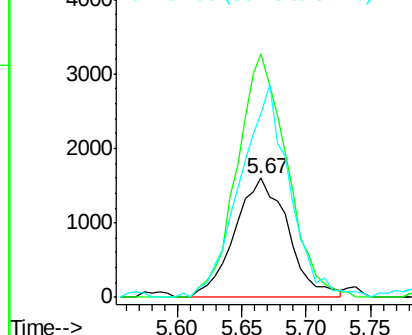
56 100

69 204.2 23.7 35.5#

84 154.3 64.1 96.1#



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



#32

1,1,1-Trichloroethane

Concen: 0.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

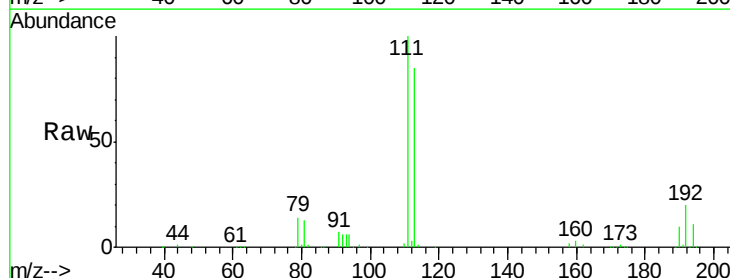
Tgt Ion: 97 Resp: 1439

Ion Ratio Lower Upper

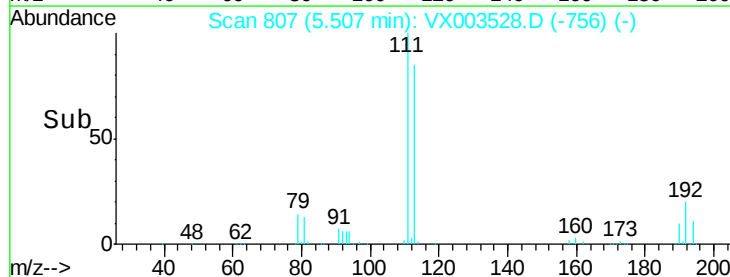
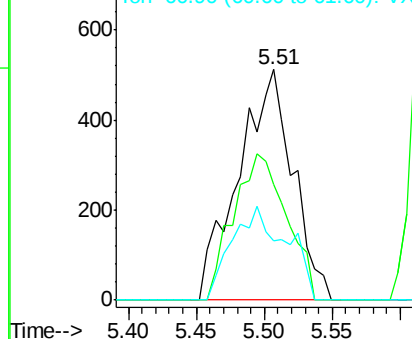
97 100

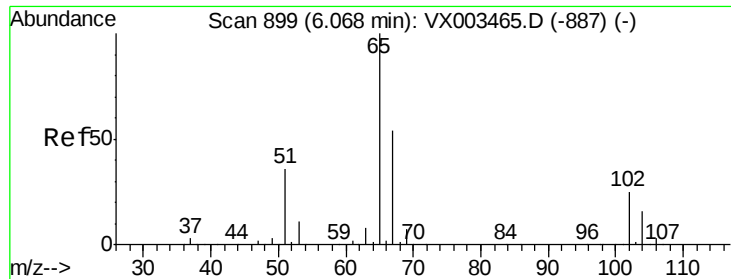
99 0.0 51.6 77.4#

61 40.6 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.84 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

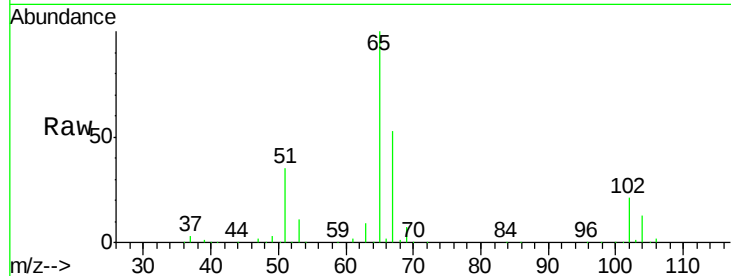
RE103D1-071218

Tot Ion: 65 Resp: 182621

Ion Ratio Lower Upper

65 100

67 54.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

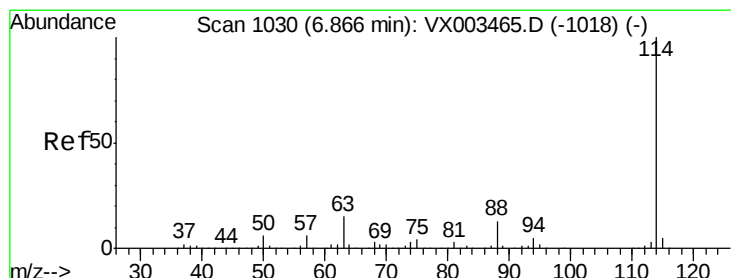
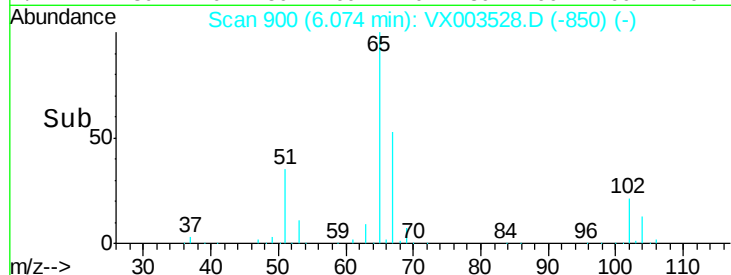
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

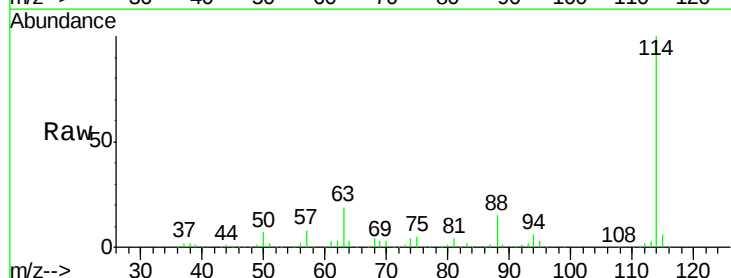
Tgt Ion: 114 Resp: 422264

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

88 14.9 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

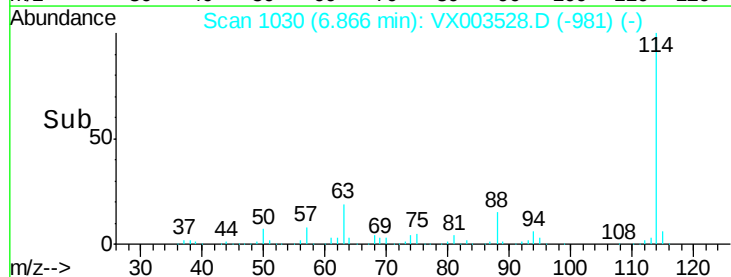
100000

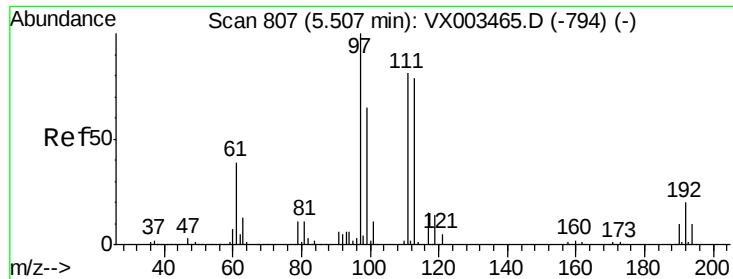
50000

0

6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 52.81 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218

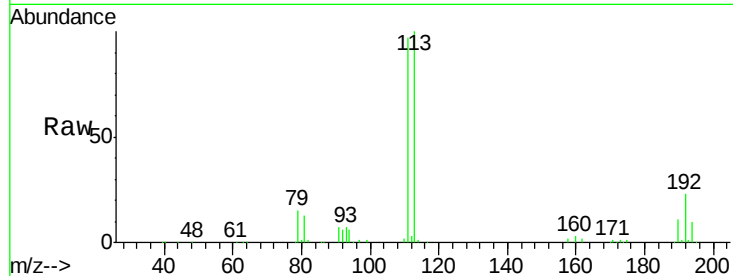
Tot Ion:113 Resp: 169861

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

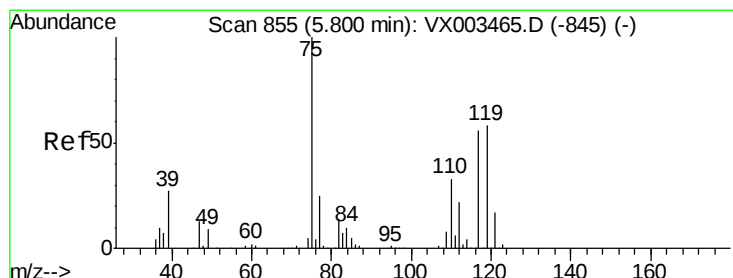
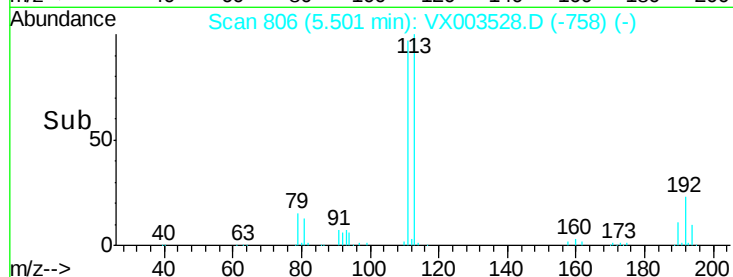
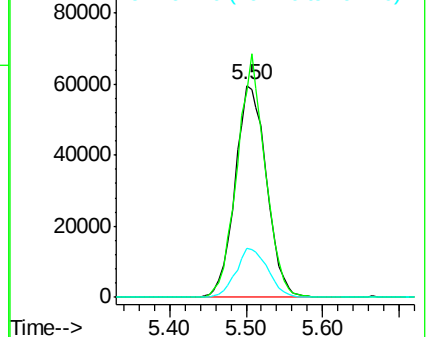
192 23.3 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.15 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

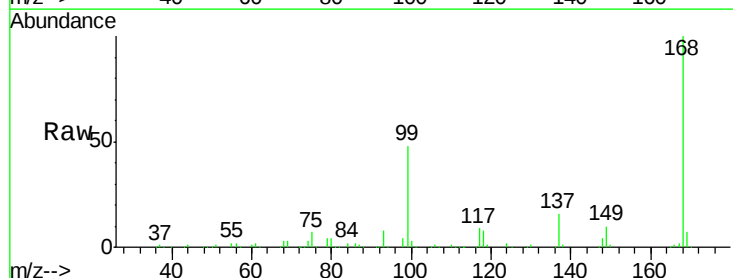
Tgt Ion: 75 Resp: 18901

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

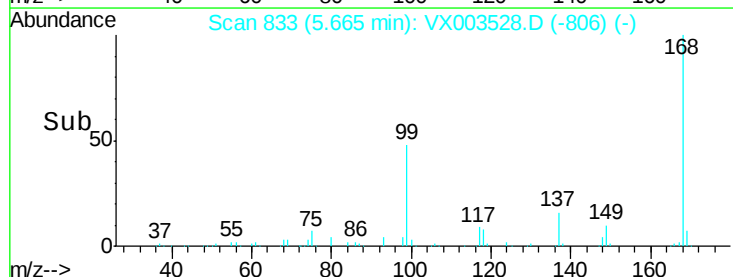
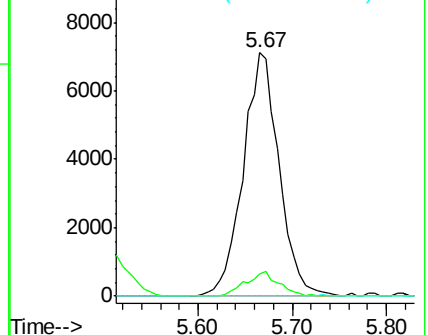
77 0.0 24.3 36.5#

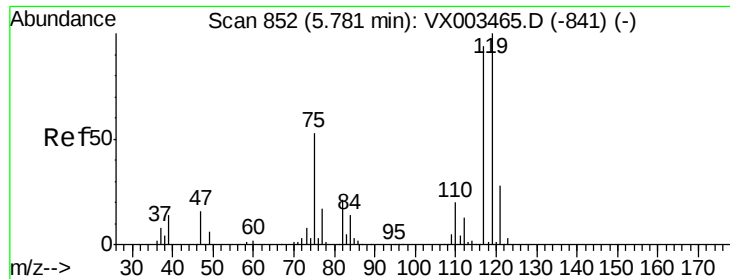


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

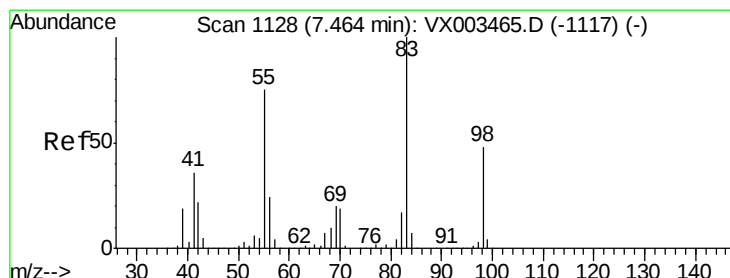
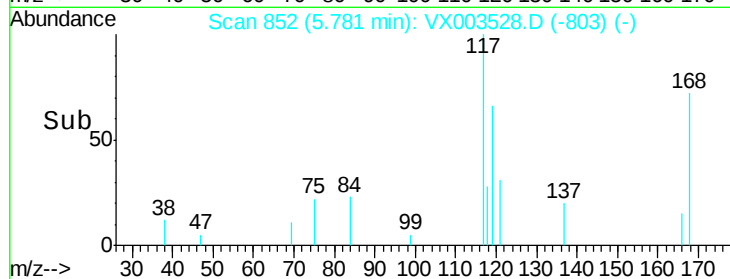
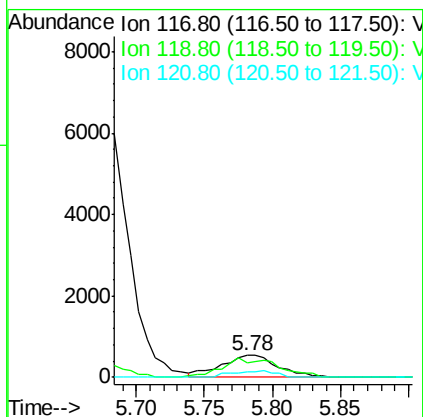
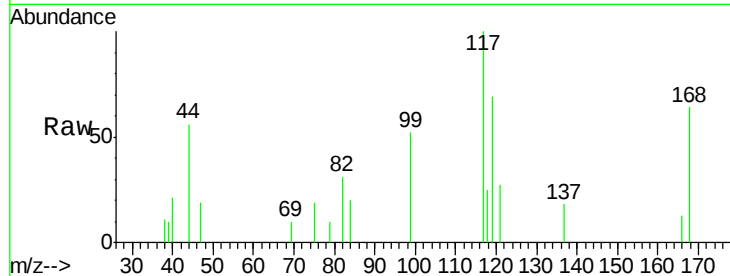




#38
Carbon Tetrachloride
Concen: 0.35 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

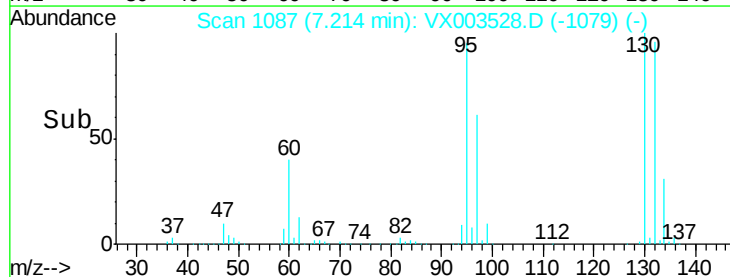
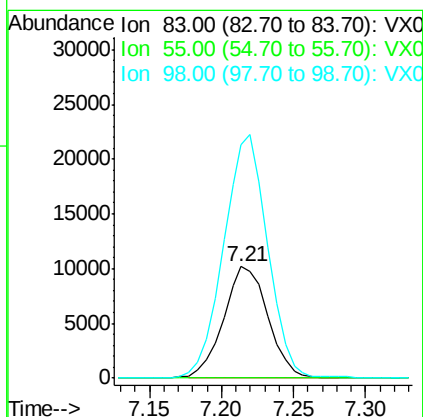
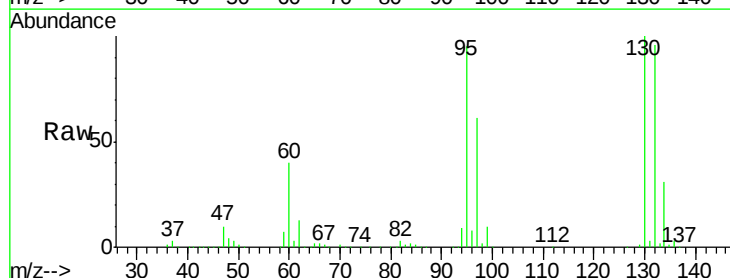
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-071218

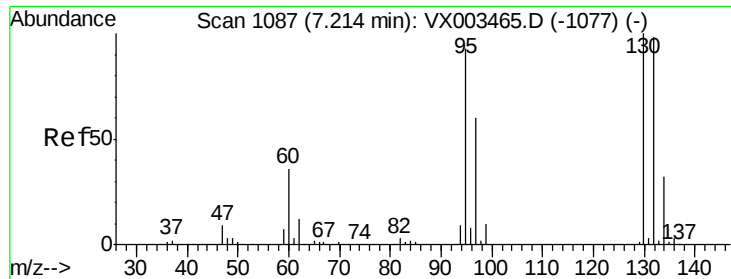
Tot Ion:117 Resp: 1571
Ion Ratio Lower Upper
117 100
119 69.3 77.4 116.0#
121 27.3 24.4 36.6



#39
Methylcyclohexane
Concen: 3.98 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.25 min
Lab File: VX003528.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 83 Resp: 21471
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 209.4 37.4 56.0#

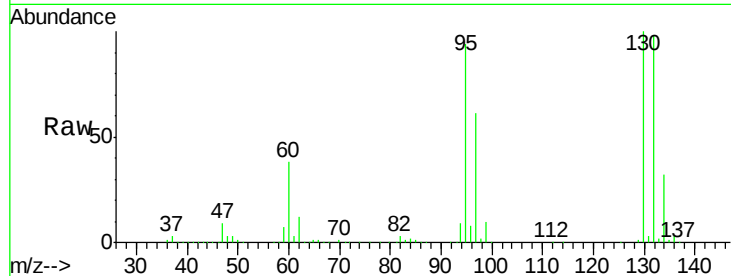




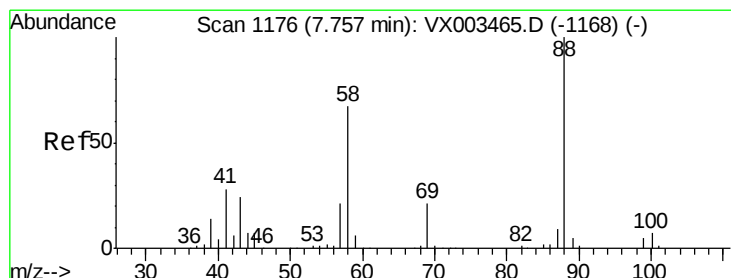
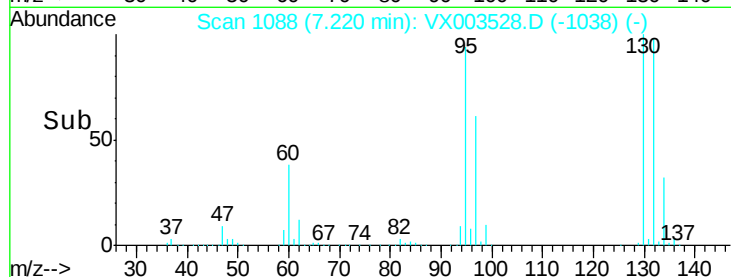
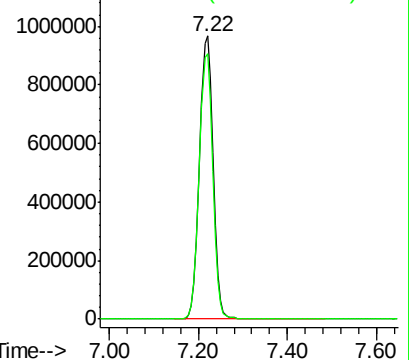
#44
 Trichloroethene
 Concen: 496.26 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003528.D
 Acq: 21 Jul 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-071218

Tot Ion:130 Resp: 2037169
 Ion Ratio Lower Upper
 130 100
 95 93.6 0.0 185.4

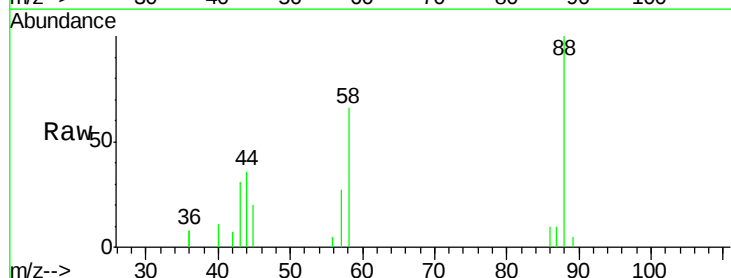


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

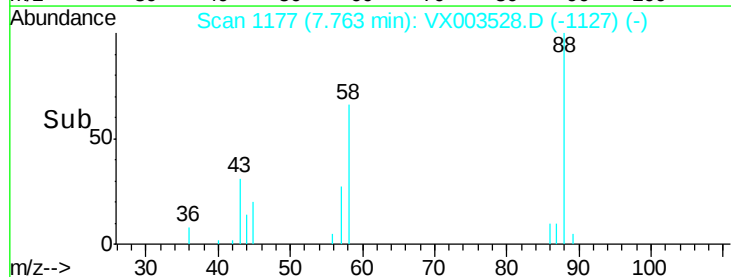
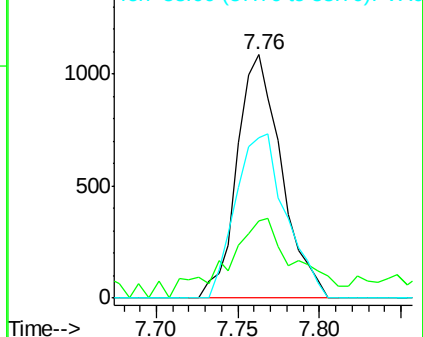


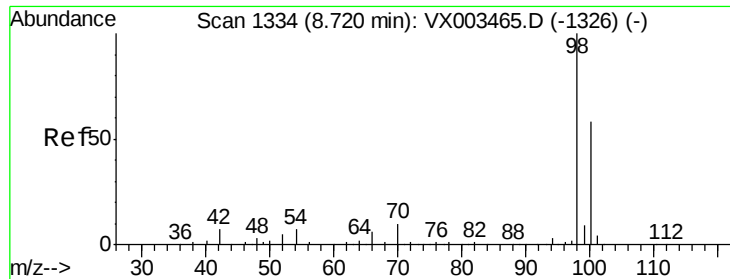
#49
 1,4-Dioxane
 Concen: 26.25 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX003528.D
 Acq: 21 Jul 2018 00:30

Tgt Ion: 88 Resp: 2058
 Ion Ratio Lower Upper
 88 100
 43 52.2 29.8 44.6#
 58 76.4 57.1 85.7



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: 50.05 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

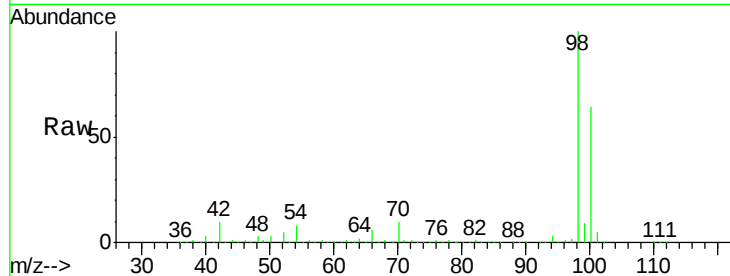
RE103D1-071218

Tot Ion: 98 Resp: 605071

Ion Ratio Lower Upper

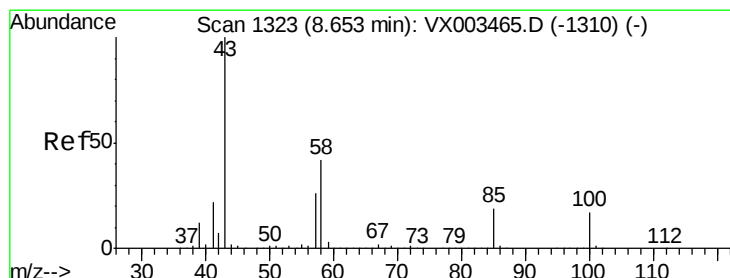
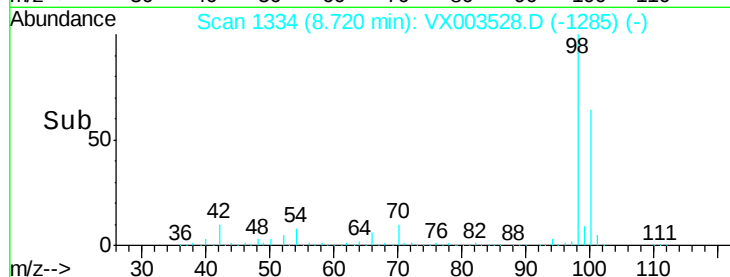
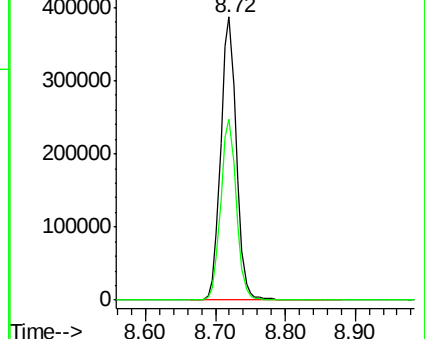
98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.57 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. 0.06 min

Lab File: VX003528.D

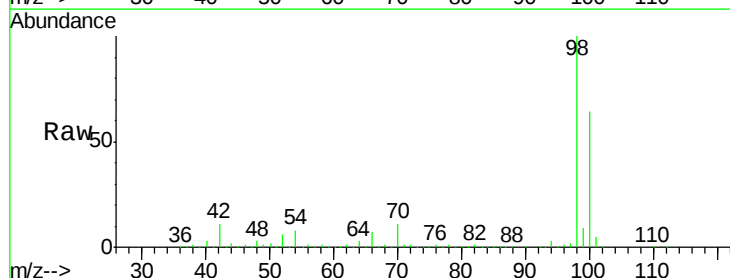
Acq: 21 Jul 2018 00:30

Tgt Ion: 43 Resp: 2491

Ion Ratio Lower Upper

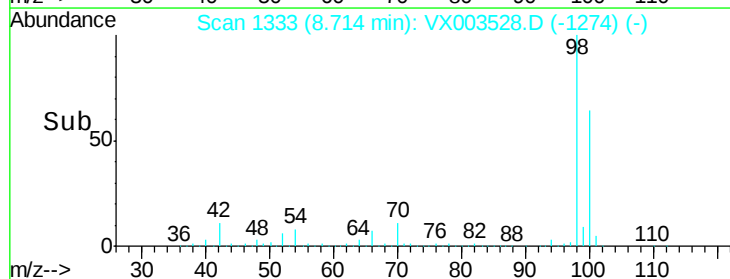
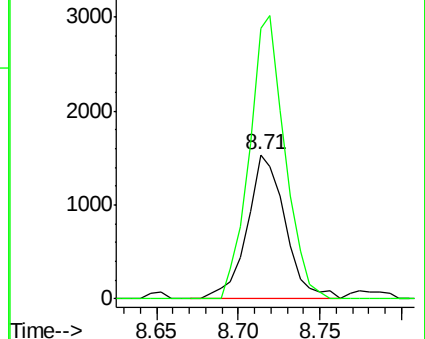
43 100

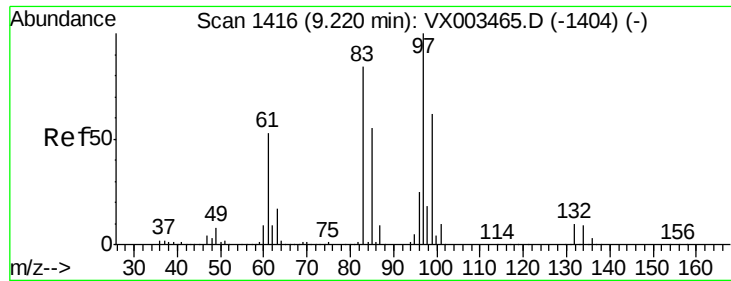
58 183.1 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#55

1,1,2-Trichloroethane

Concen: 0.63 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218

Tot Ion: 97 Resp: 2180

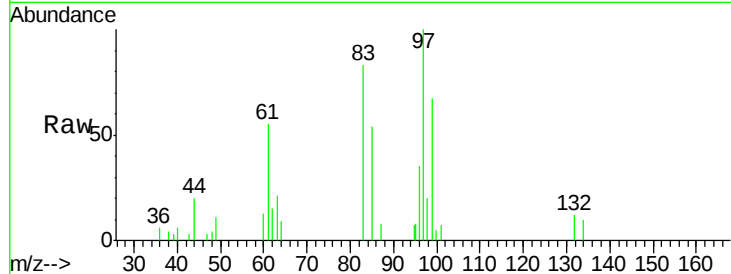
Ion Ratio Lower Upper

97 100

83 83.4 70.2 105.2

85 53.6 44.9 67.3

99 67.3 49.8 74.8

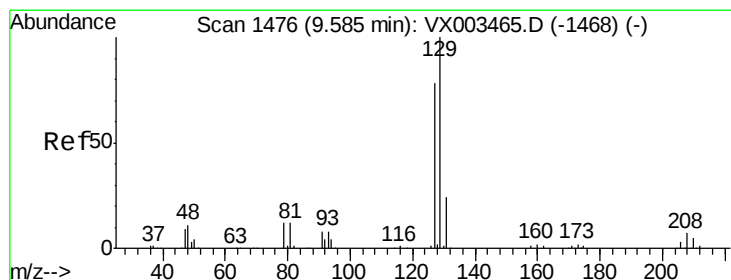
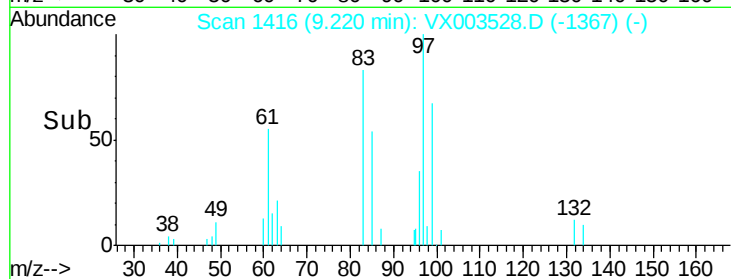
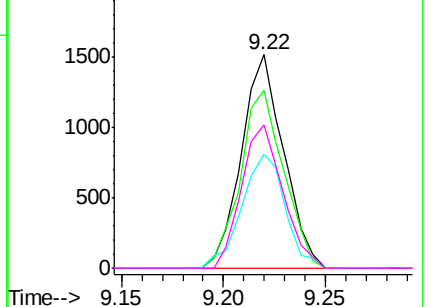


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#60

Dibromochloromethane

Concen: 0.66 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.25 min

Lab File: VX003528.D

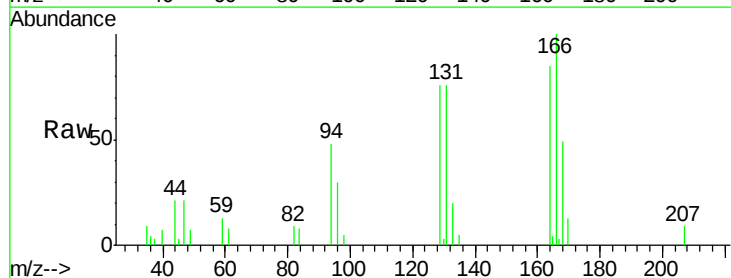
Acq: 21 Jul 2018 00:30

Tgt Ion: 129 Resp: 2240

Ion Ratio Lower Upper

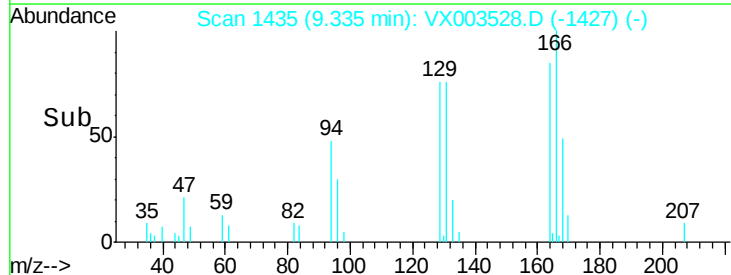
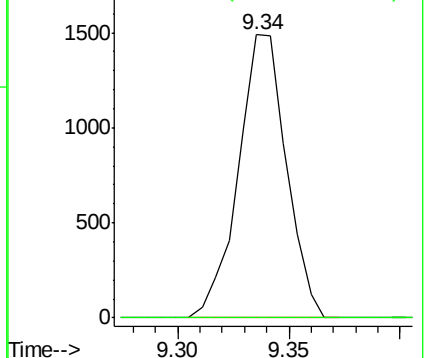
129 100

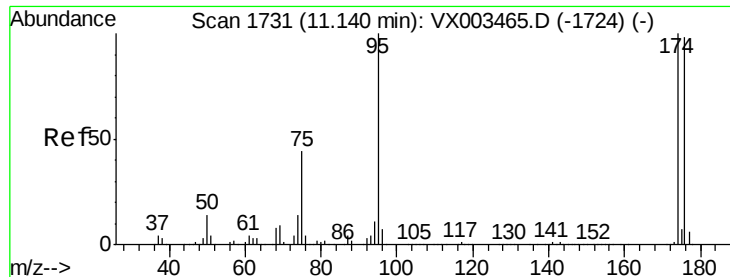
127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 46.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218

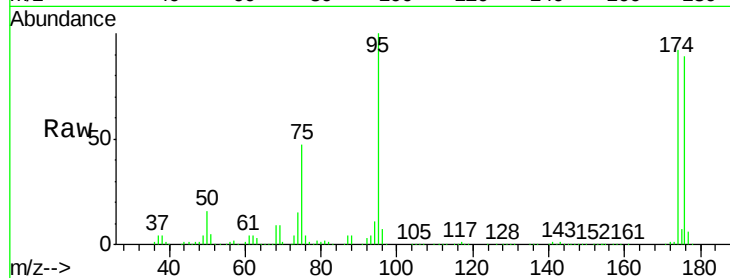
Tot Ion: 95 Resp: 206335

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.4

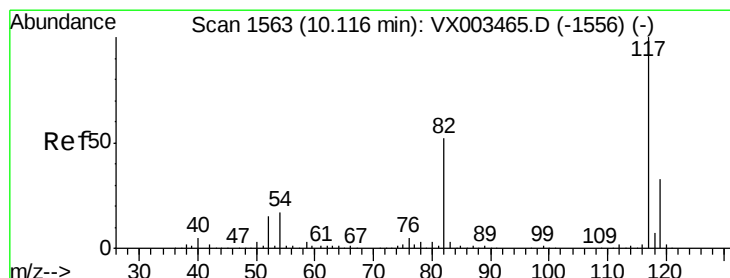
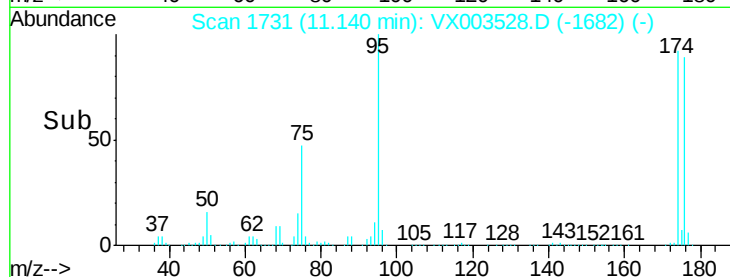
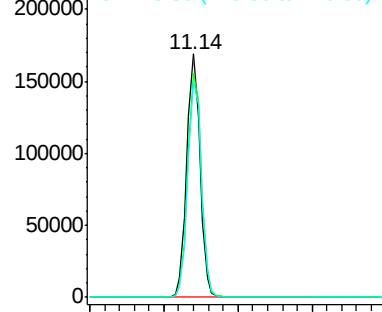
176 91.4 0.0 181.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

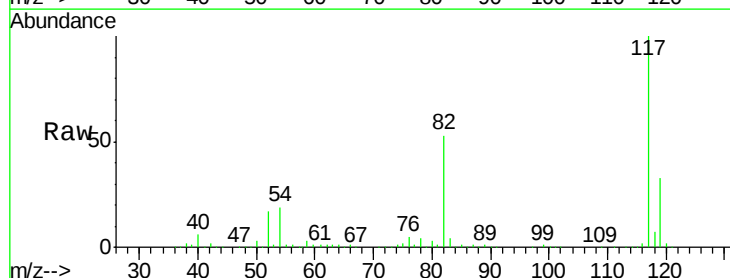
Tgt Ion: 117 Resp: 399484

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.4

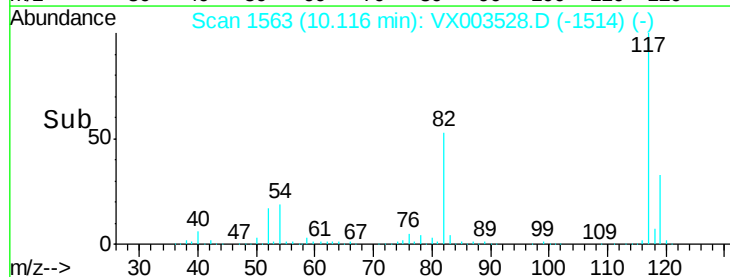
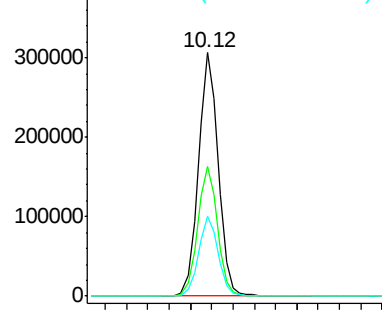
119 32.8 25.8 38.6

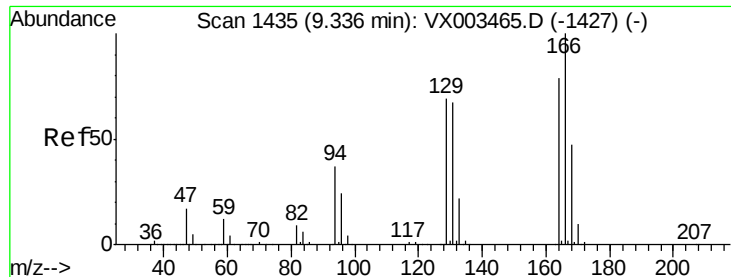


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.54 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218

Tot Ion:164 Resp: 2643

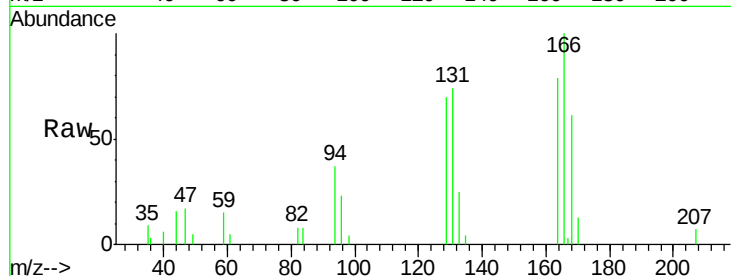
Ion Ratio Lower Upper

164 100

166 127.2 102.9 154.3

129 88.8 68.6 102.8

131 93.6 66.8 100.2

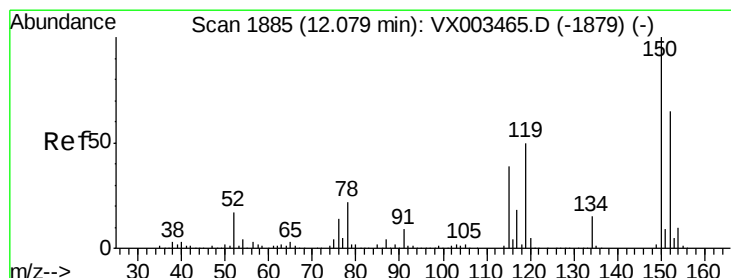
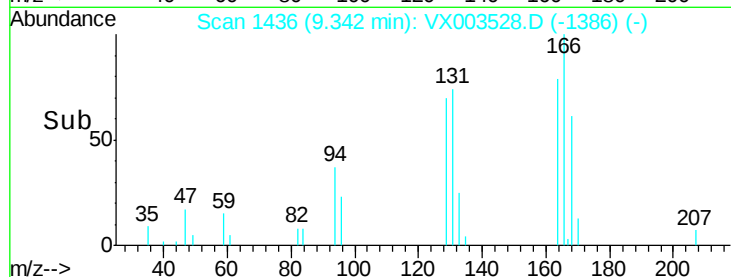
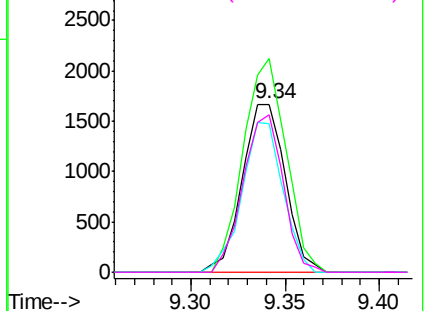


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

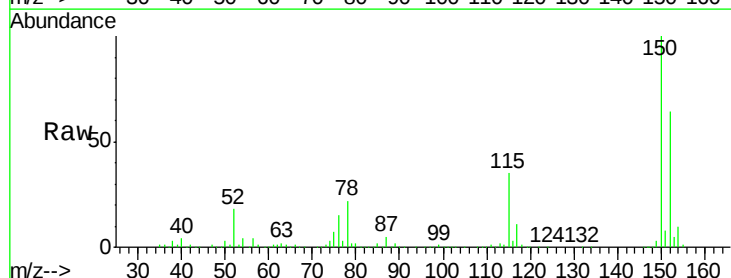
Tgt Ion:152 Resp: 219428

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

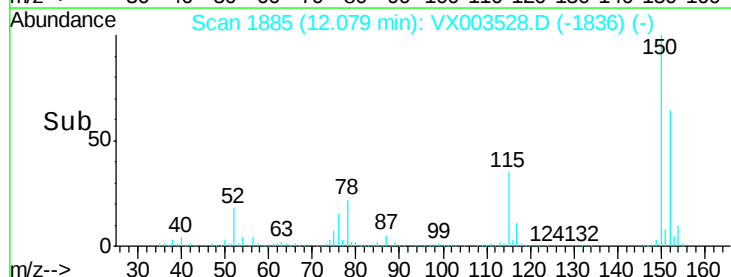
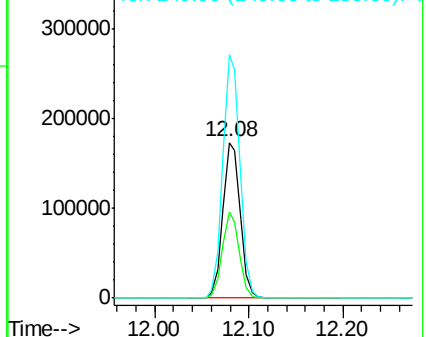
150 155.1 0.0 347.2

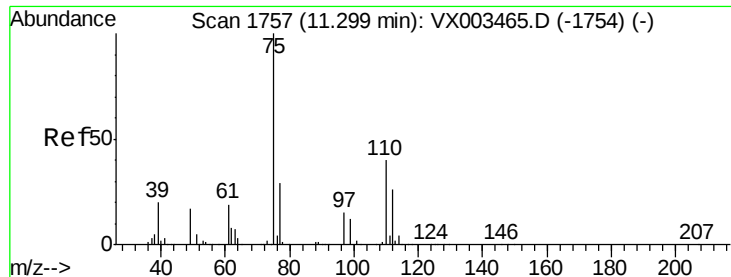


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

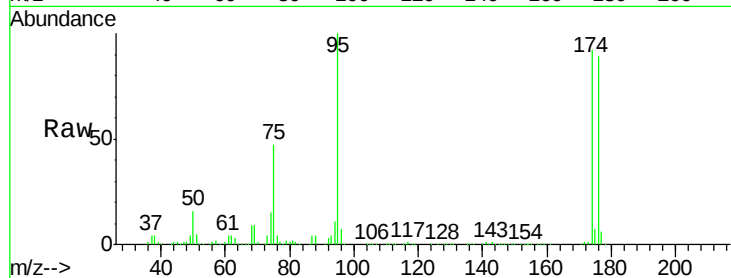
RE103D1-071218

Tot Ion: 75 Resp: 97532

Ion Ratio Lower Upper

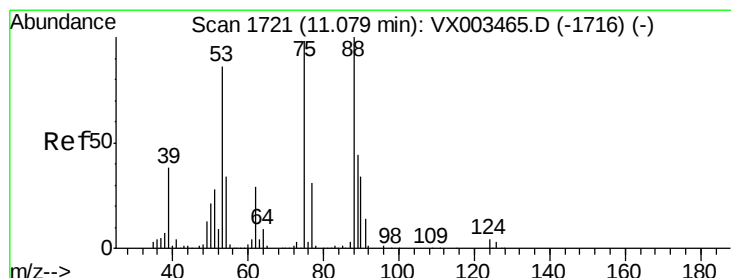
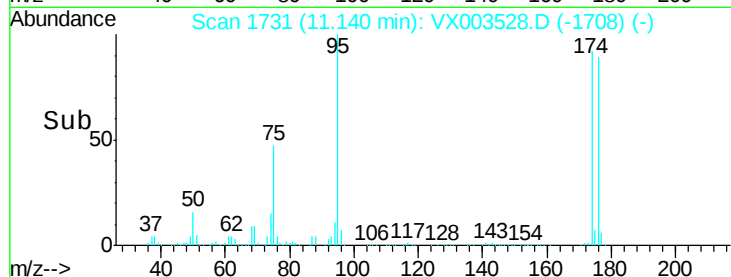
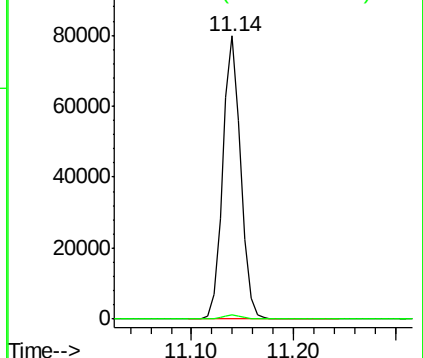
75 100

77 1.5 22.8 68.3#



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: 69.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003528.D

Acq: 21 Jul 2018 00:30

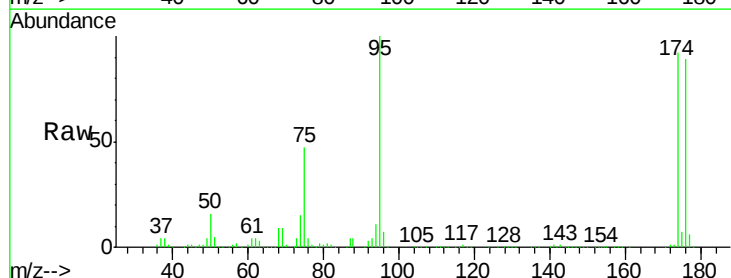
Tgt Ion: 75 Resp: 97532

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#



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

