

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\
 Data File : VX007985.D
 Acq On : 11 Mar 2019 22:03
 Operator : JC/SP
 Sample : K1841-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190308

Quant Time: Mar 12 08:42:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180969	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	138233	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
35) Dibromofluoromethane	5.51	113	128409	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
50) Toluene-d8	8.71	98	477441	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.13	95	175433	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	

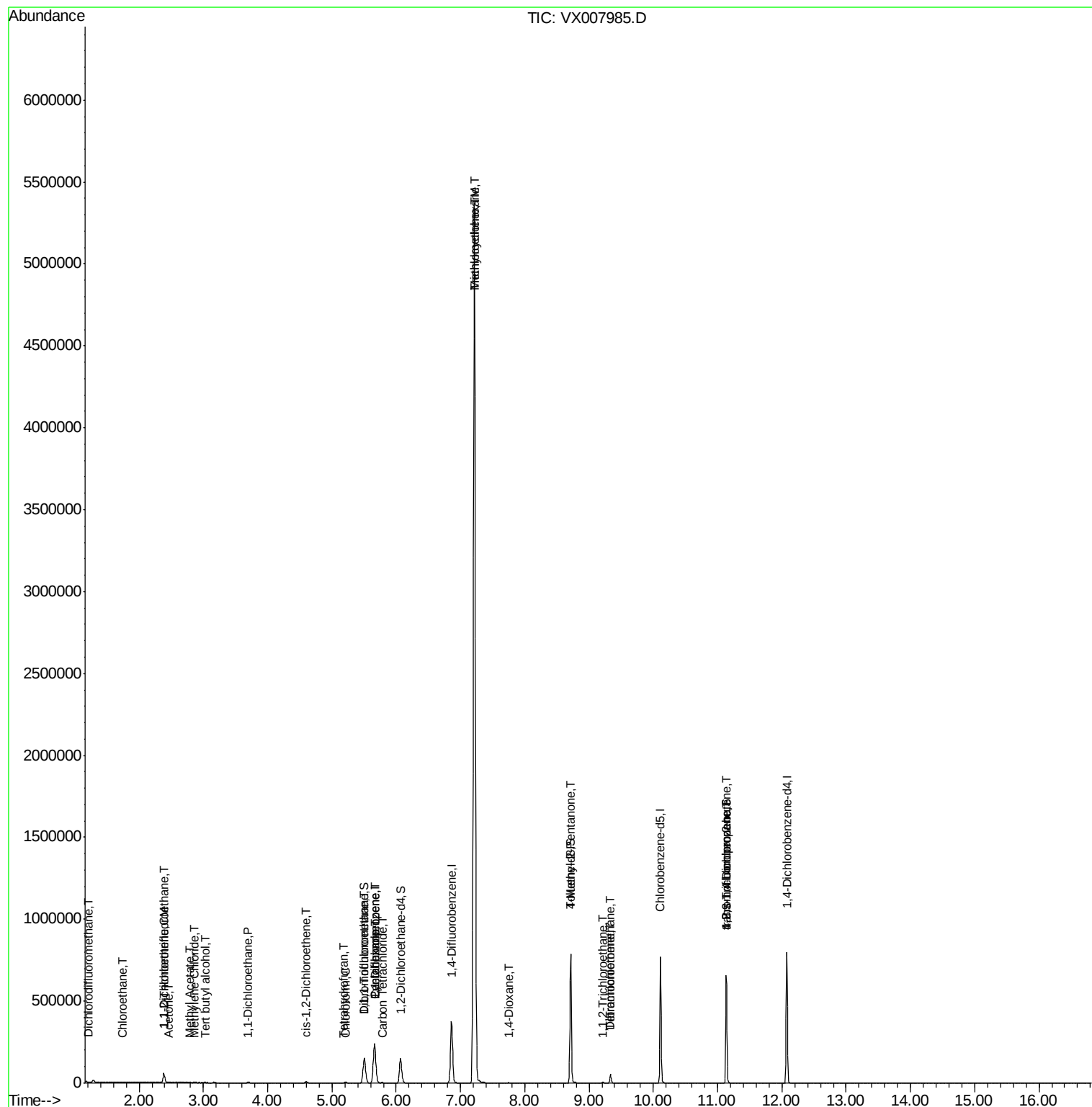
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	496	0.231	ug/l	91
5) Bromomethane	1.65	94	89	Below Cal	#	2
6) Chloroethane	1.73	64	458	0.251	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	15632	7.057	ug/l	98
11) Tert butyl alcohol	3.03	59	376	0.635	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	9016	4.223	ug/l	98
16) Acetone	2.45	43	2742	1.789	ug/l	93
17) Carbon Disulfide	2.58	76	496	Below Cal	#	30
18) Methyl Acetate	2.78	43	677	0.208	ug/l #	89
20) Methylene Chloride	2.86	84	796	0.326	ug/l	90
24) 1,1-Dichloroethane	3.70	63	3802	0.859	ug/l #	92
27) cis-1,2-Dichloroethene	4.60	96	4985	1.854	ug/l	90
29) Tetrahydrofuran	5.18	42	1245	0.920	ug/l #	49
30) Chloroform	5.21	83	3077	0.735	ug/l	98
31) Cyclohexane	5.67	56	3907	0.960	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	771	0.222	ug/l #	41
36) 1,1-Dichloropropene	5.66	75	15461	4.341	ug/l #	49
38) Carbon Tetrachloride	5.79	117	1418	0.419	ug/l #	91
39) Methylcyclohexane	7.21	83	23401	5.422	ug/l #	1
44) Trichloroethene	7.21	130	2226046	761.780	ug/l	99
49) 1,4-Dioxane	7.75	88	1472	21.788	ug/l	93
51) 4-Methyl-2-Pentanone	8.71	43	2005	0.498	ug/l #	1
55) 1,1,2-Trichloroethane	9.22	97	1852	0.707	ug/l	94
60) Dibromochloromethane	9.34	129	10227	3.734	ug/l #	11
64) Tetrachloroethene	9.34	164	11606	3.751	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	79998	21.066	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	79998	67.337	ug/l #	11

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

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QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

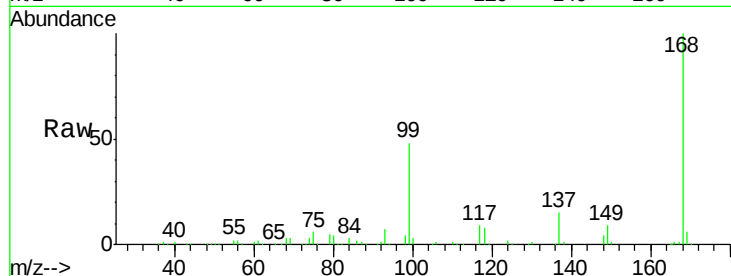
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

Tot Ion:168 Resp: 250960

Ion Ratio Lower Upper

168 100

99 47.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

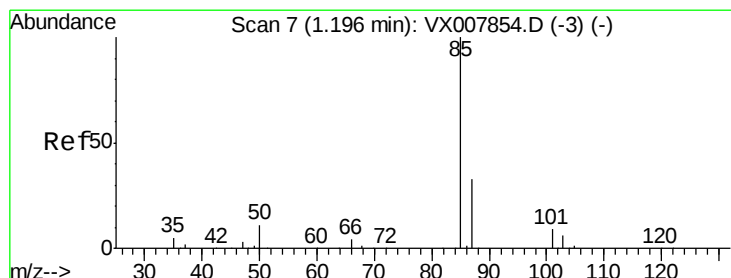
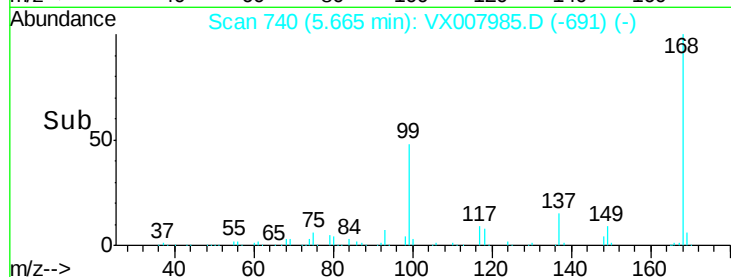
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.231 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007985.D

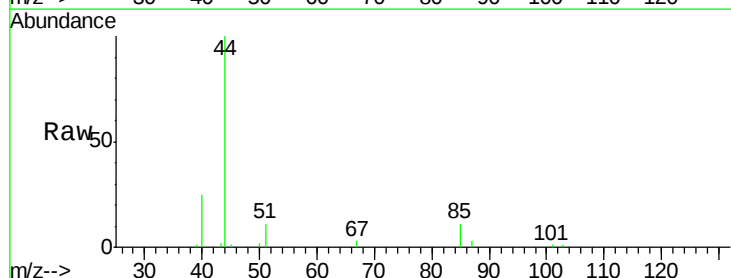
Acq: 11 Mar 2019 22:03

Tgt Ion: 85 Resp: 496

Ion Ratio Lower Upper

85 100

87 27.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

600

500

400

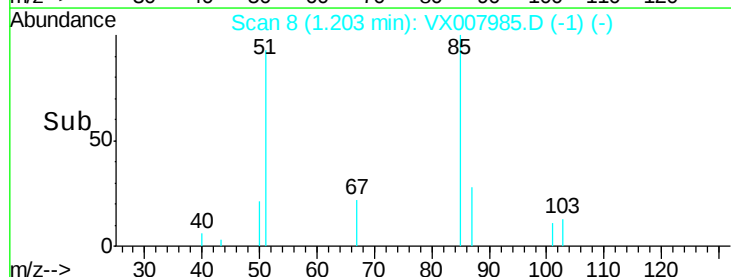
300

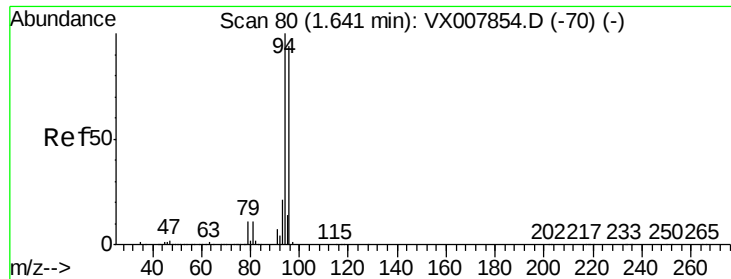
200

100

0

Time--> 1.16 1.18 1.20 1.22 1.24





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

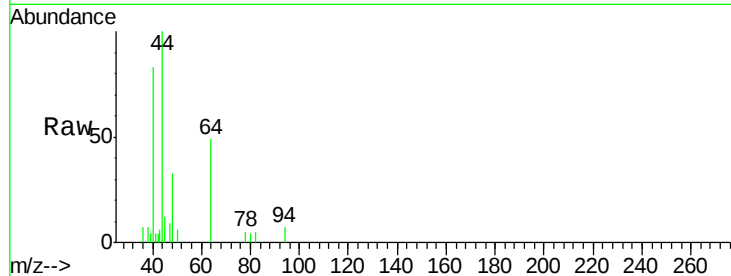
RE103D1-20190308

Tot Ion: 94 Resp: 89

Ion Ratio Lower Upper

94 100

96 0.0 75.5 113.3#

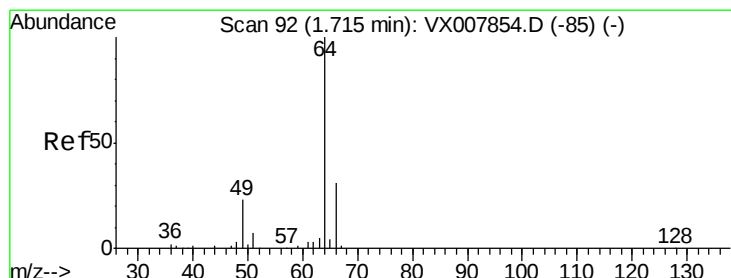
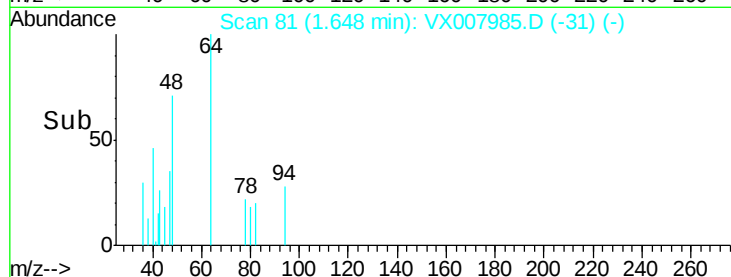


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

Time-->



#6

Chloroethane

Concen: 0.251 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX007985.D

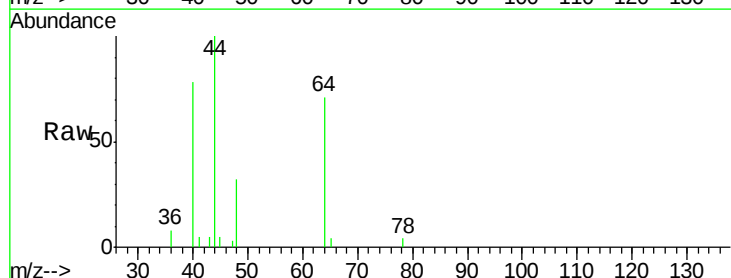
Acq: 11 Mar 2019 22:03

Tgt Ion: 64 Resp: 458

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#

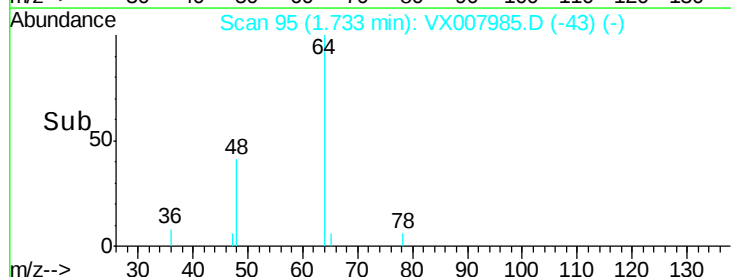


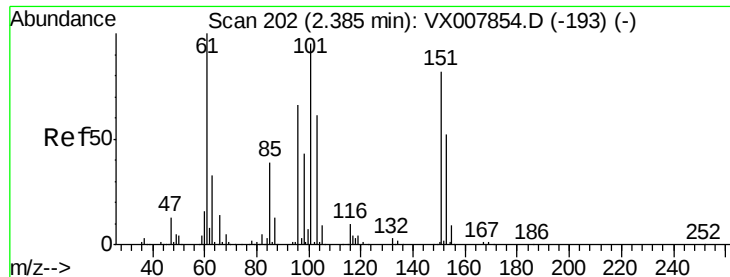
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.057 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

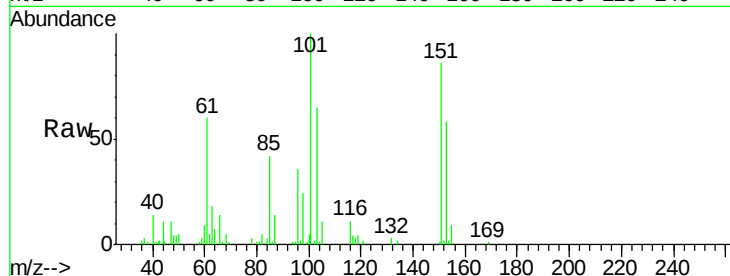
Tot Ion:101 Resp: 15632

Ion Ratio Lower Upper

101 100

85 40.9 33.8 50.6

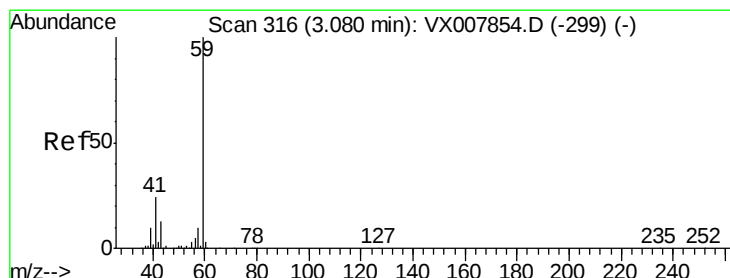
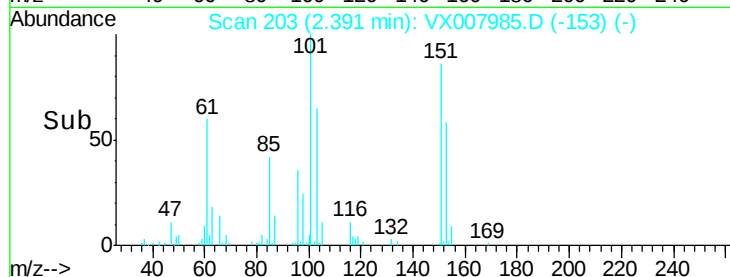
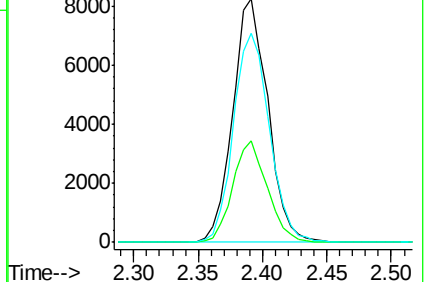
151 88.1 69.1 103.7



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: 0.635 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.05 min

Lab File: VX007985.D

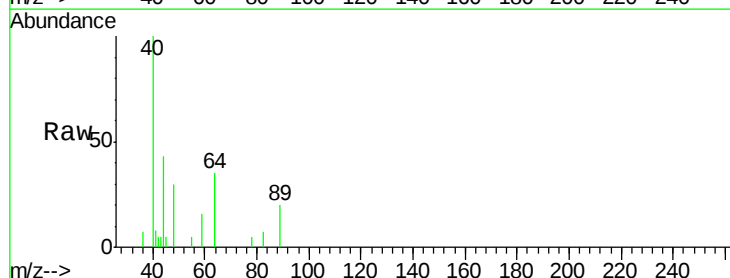
Acq: 11 Mar 2019 22:03

Tgt Ion: 59 Resp: 376

Ion Ratio Lower Upper

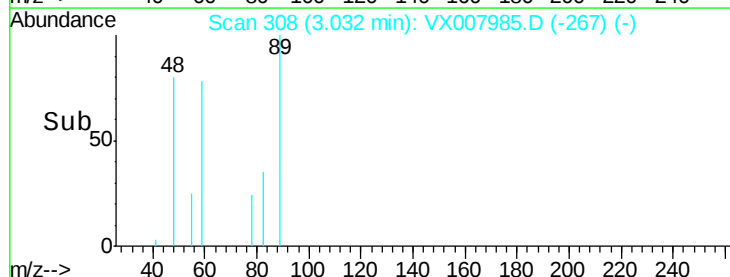
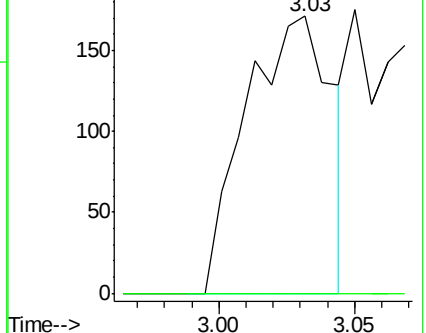
59 100

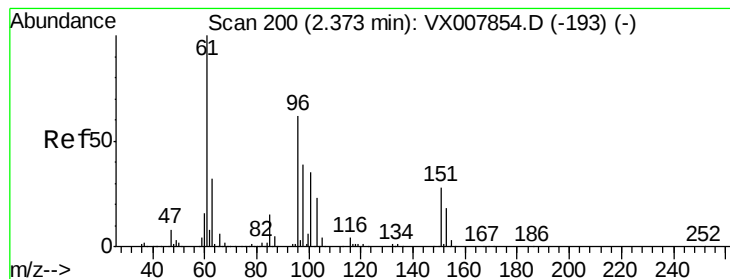
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 4.223 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

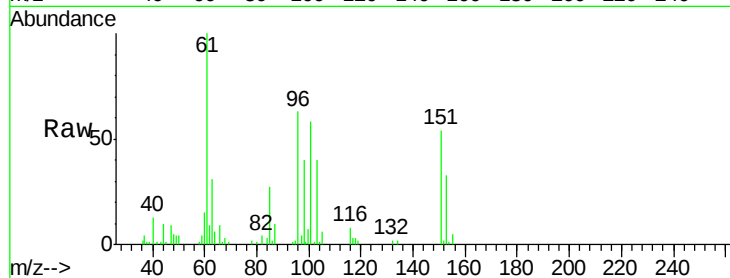
Tot Ion: 96 Resp: 9016

Ion Ratio Lower Upper

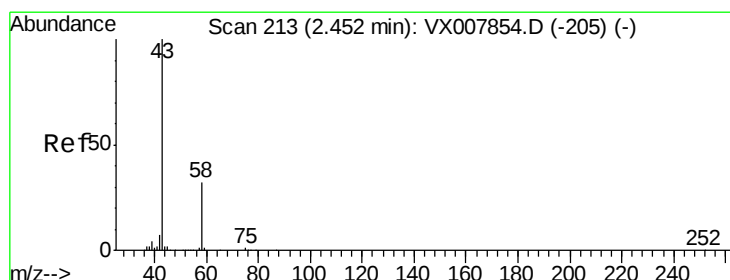
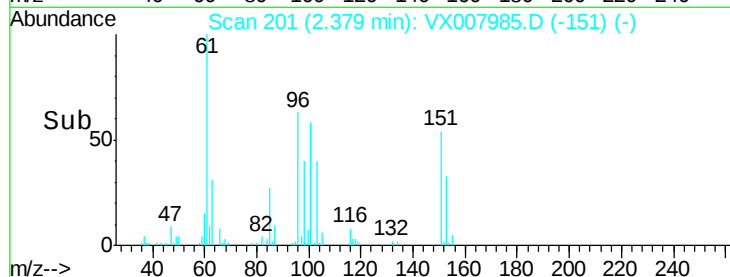
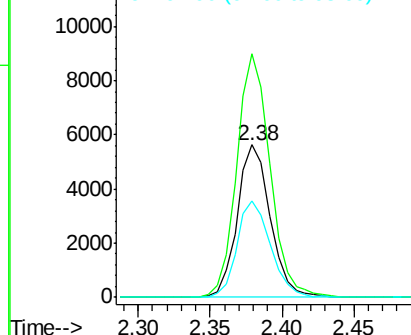
96 100

61 159.6 129.8 194.6

98 63.3 51.0 76.6



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



#16

Acetone

Concen: 1.789 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007985.D

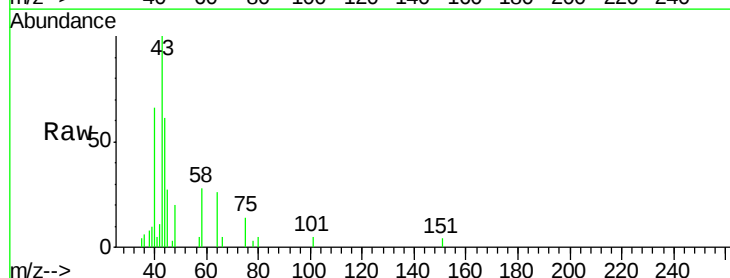
Acq: 11 Mar 2019 22:03

Tgt Ion: 43 Resp: 2742

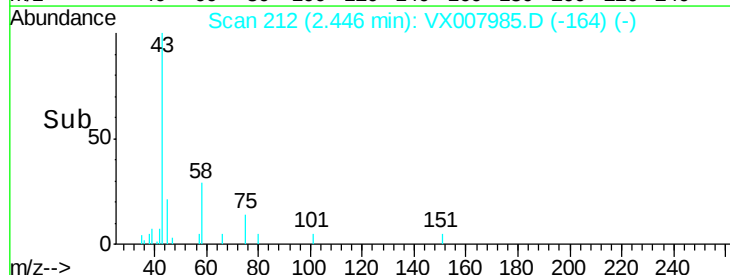
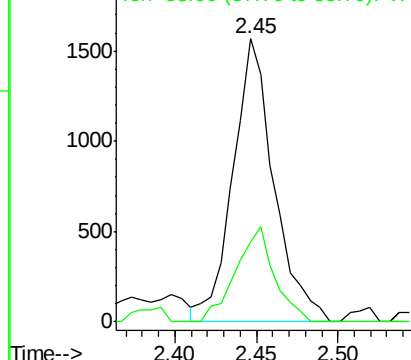
Ion Ratio Lower Upper

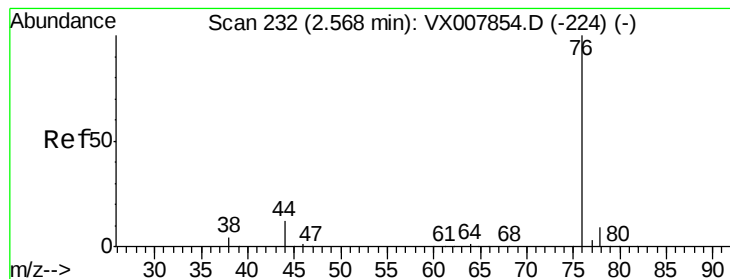
43 100

58 28.2 25.5 38.3



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





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

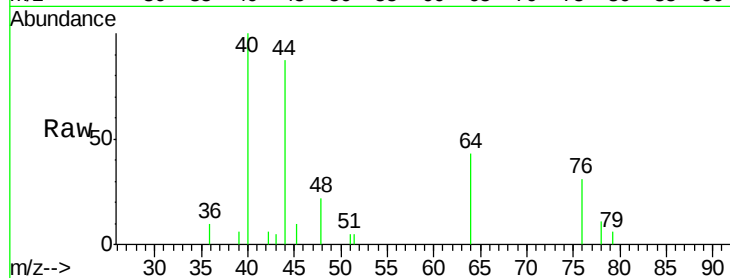
RE103D1-20190308

Tot Ion: 76 Resp: 496

Ion Ratio Lower Upper

76 100

78 34.2 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.58

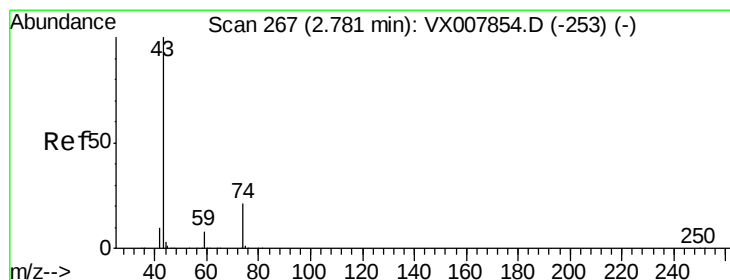
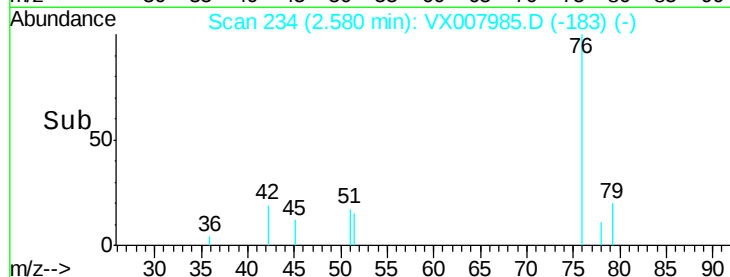
300

200

100

0

Time-->



#18

Methyl Acetate

Concen: 0.208 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007985.D

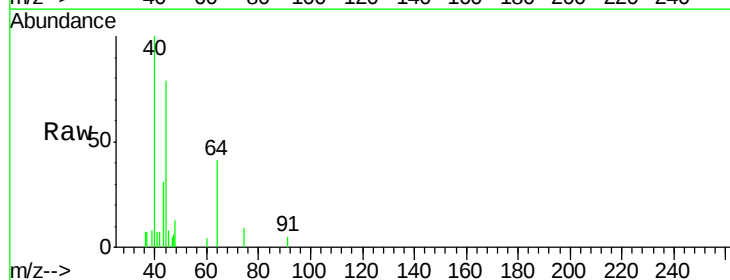
Acq: 11 Mar 2019 22:03

Tgt Ion: 43 Resp: 677

Ion Ratio Lower Upper

43 100

74 17.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

400

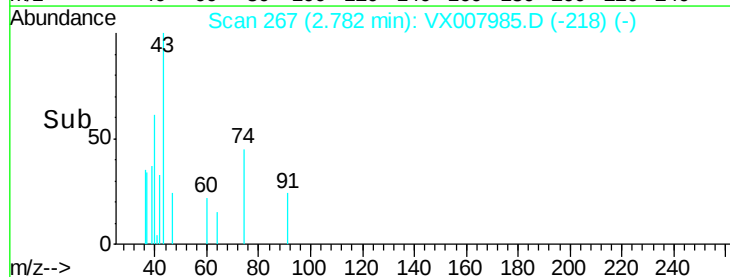
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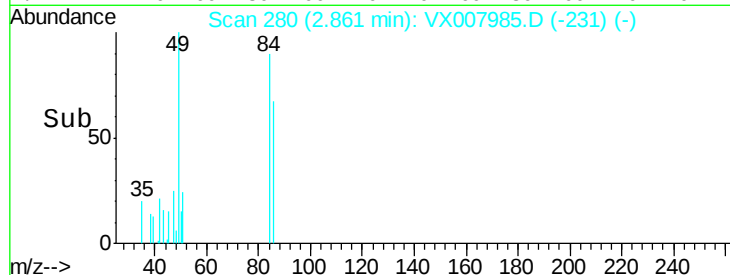
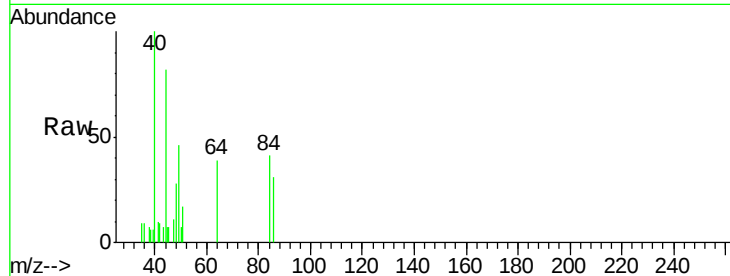
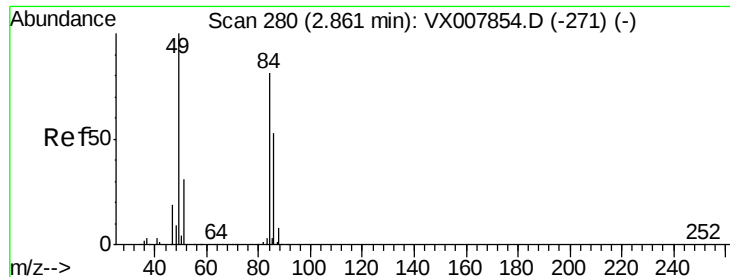
200

100

0

Time-->

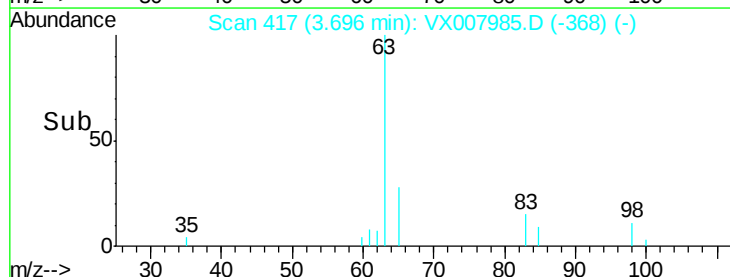
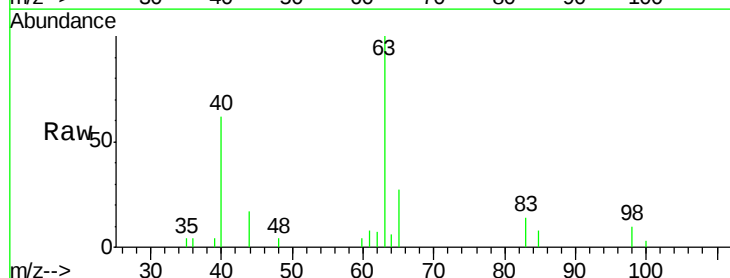
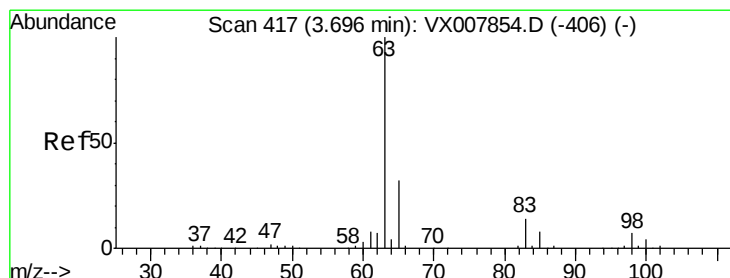
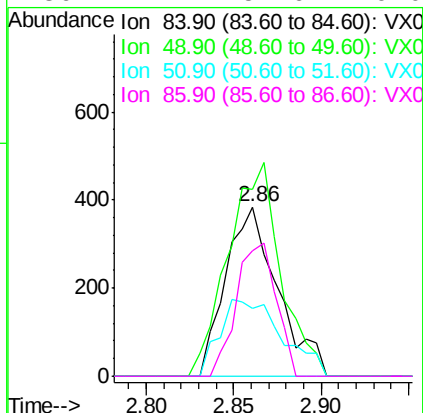




#20
Methvlene Chloride
Concen: 0.326 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

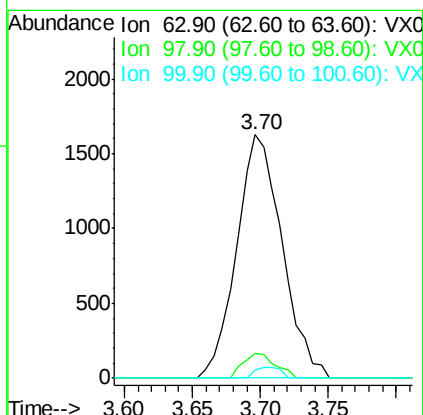
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

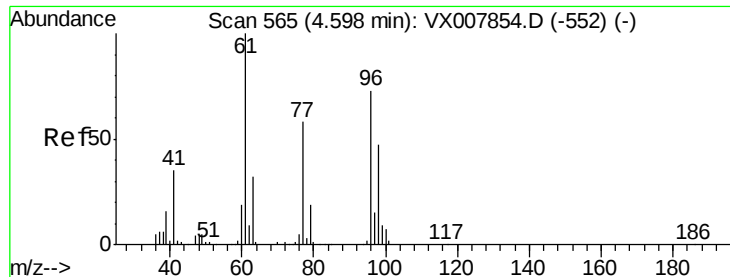
Tot Ion: 84 Resp: 796
Ion Ratio Lower Upper
84 100
49 110.7 99.3 148.9
51 40.4 31.3 46.9
86 74.2 52.6 79.0



#24
1,1-Dichloroethane
Concen: 0.859 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion: 63 Resp: 3802
Ion Ratio Lower Upper
63 100
98 10.2 3.3 9.8#
100 3.2 2.3 6.8





#27

cis-1,2-Dichloroethene

Concen: 1.854 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

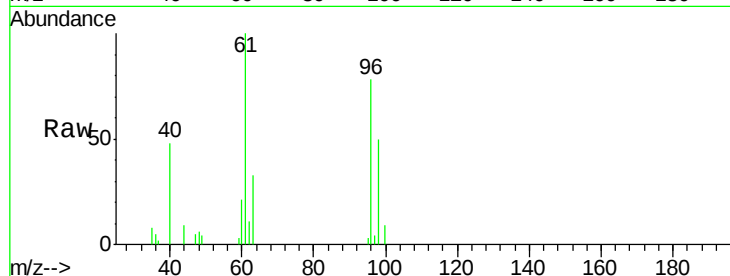
Tot Ion: 96 Resp: 4985

Ion Ratio Lower Upper

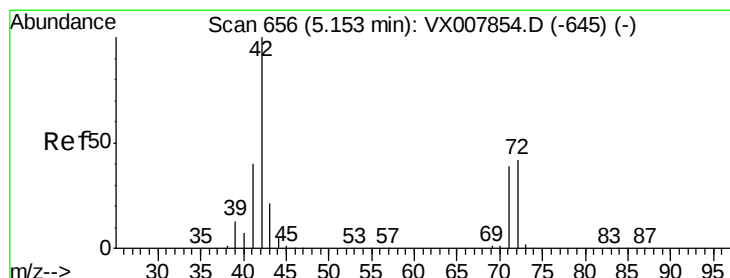
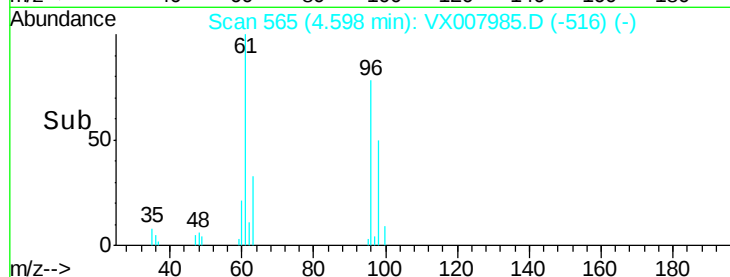
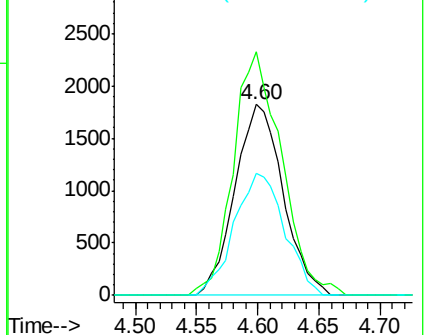
96 100

61 127.5 0.0 288.0

98 67.0 0.0 129.0



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



#29

Tetrahydrofuran

Concen: 0.920 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

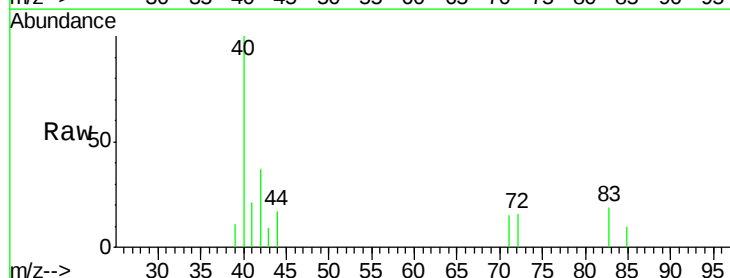
Tgt Ion: 42 Resp: 1245

Ion Ratio Lower Upper

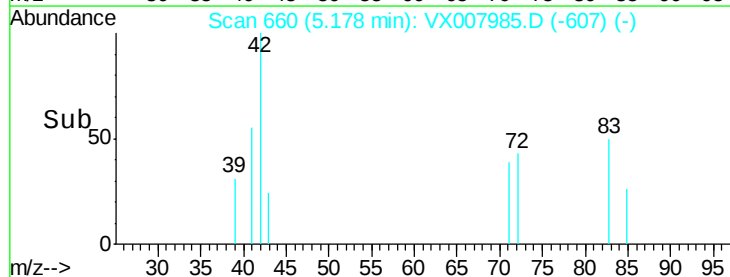
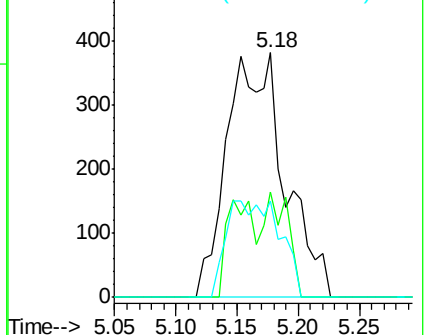
42 100

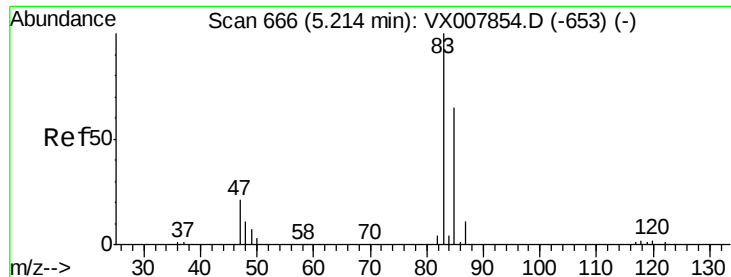
72 18.1 33.8 50.6#

71 0.0 31.5 47.3#



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

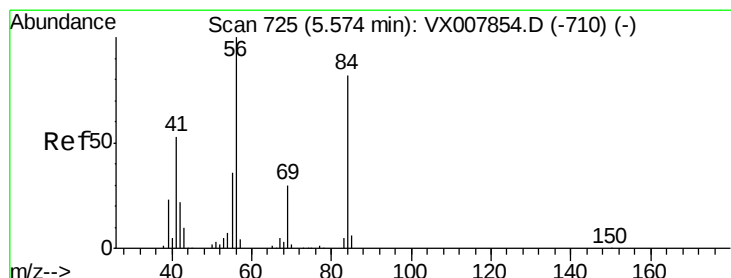
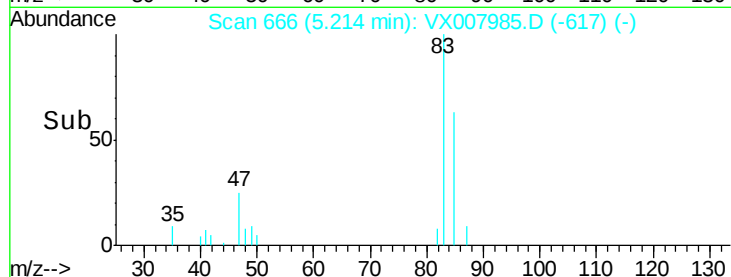
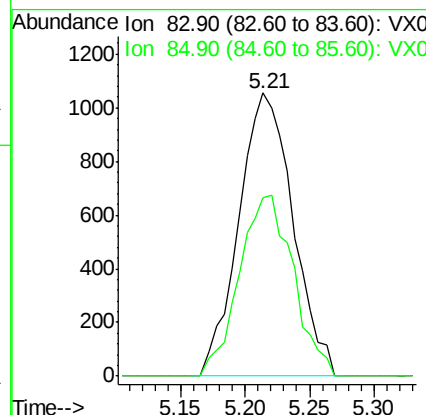
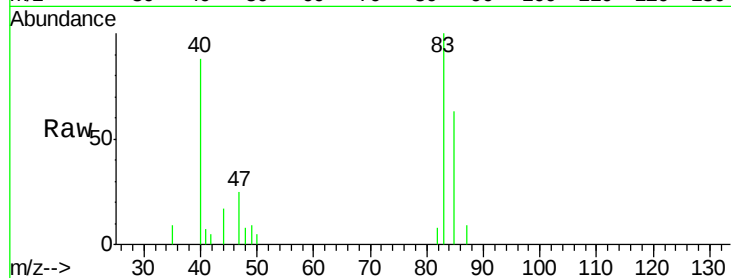




#30
Chloroform
Concen: 0.735 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

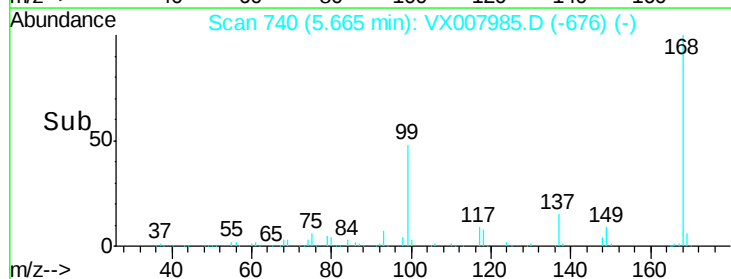
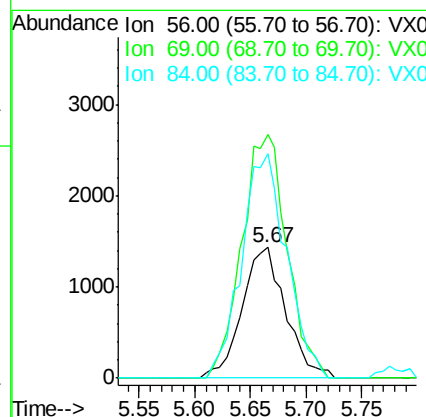
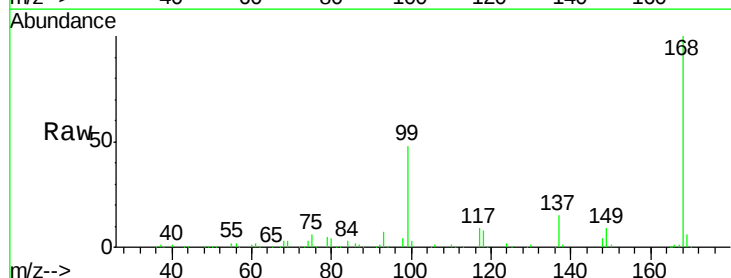
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

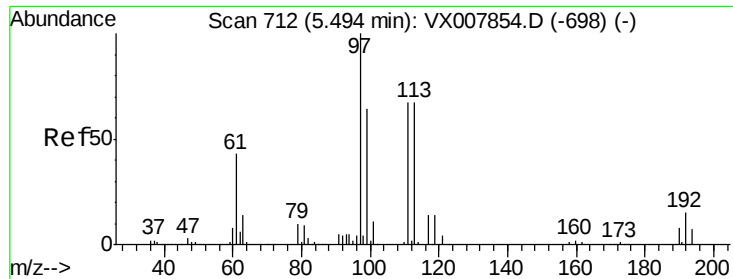
Tot Ion: 83 Resp: 3077
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.6



#31
Cyclohexane
Concen: 0.960 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion: 56 Resp: 3907
Ion Ratio Lower Upper
56 100
69 186.7 24.0 36.0#
84 172.3 65.3 97.9#





#32

1,1,1-Trichloroethane

Concen: 0.222 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

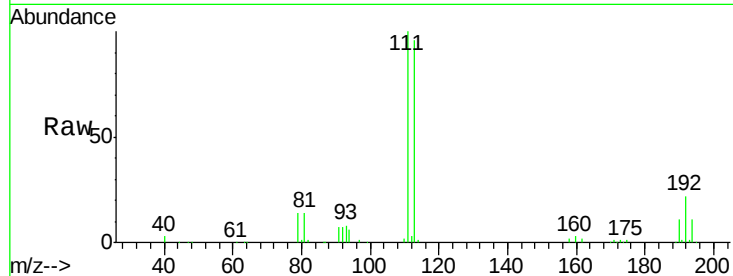
Tot Ion: 97 Resp: 771

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

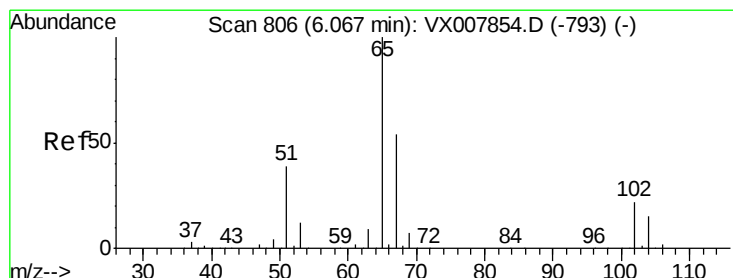
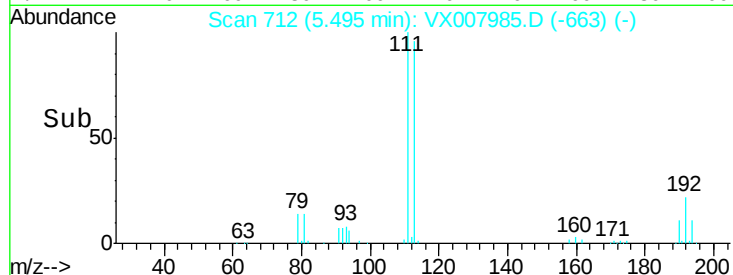
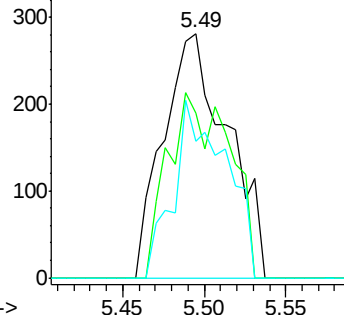
61 58.9 34.9 52.3#



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: 52.215 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007985.D

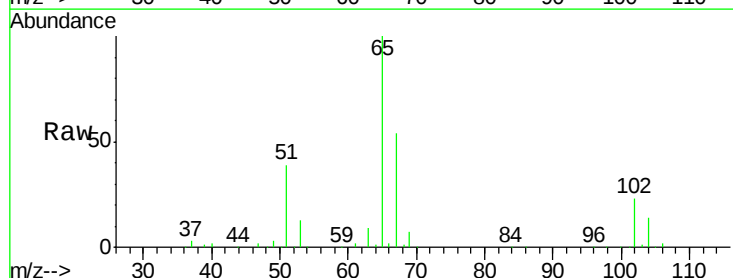
Acq: 11 Mar 2019 22:03

Tgt Ion: 65 Resp: 138233

Ion Ratio Lower Upper

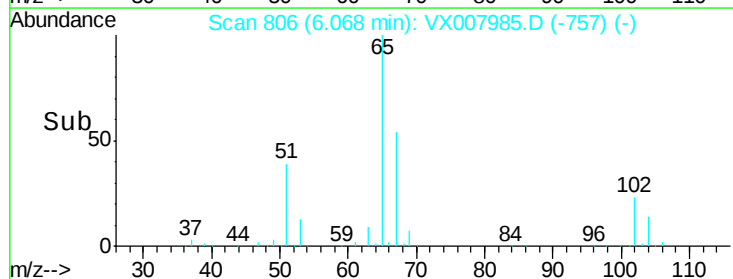
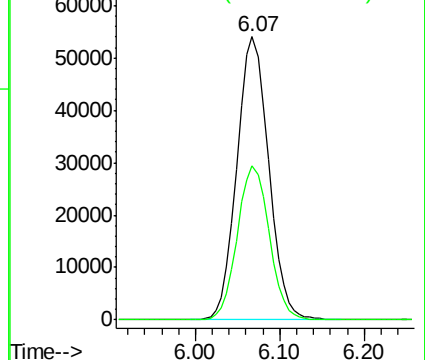
65 100

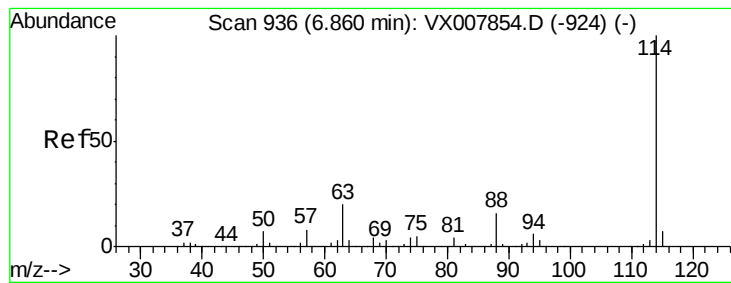
67 54.5 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

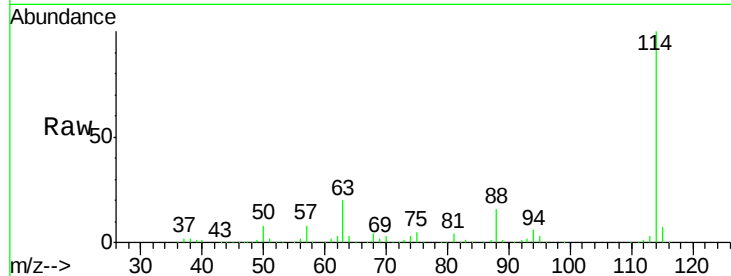
Tot Ion:114 Resp: 393359

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

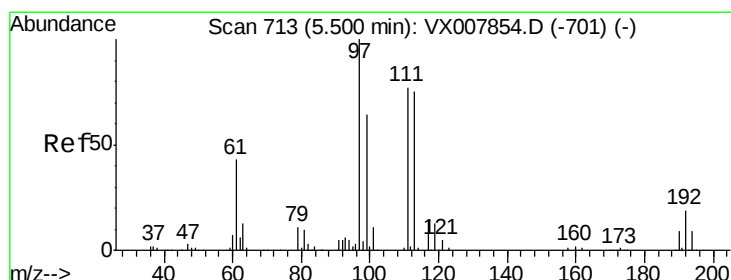
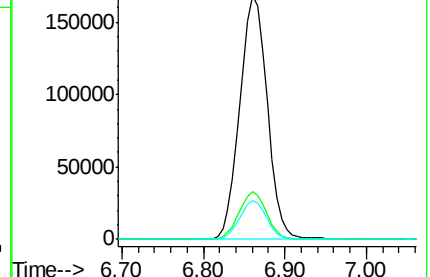
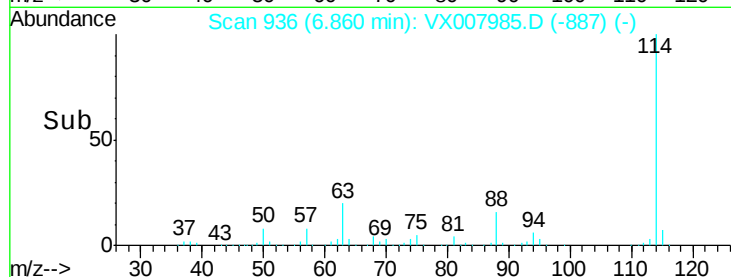
88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.033 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

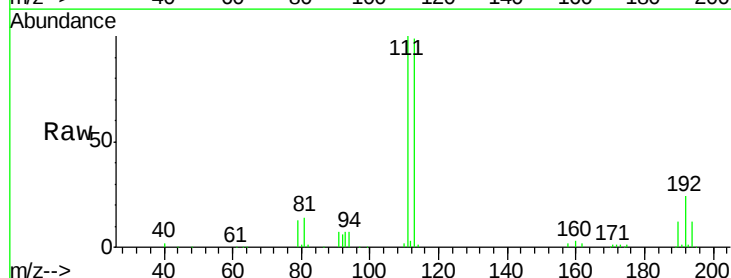
Tgt Ion:113 Resp: 128409

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

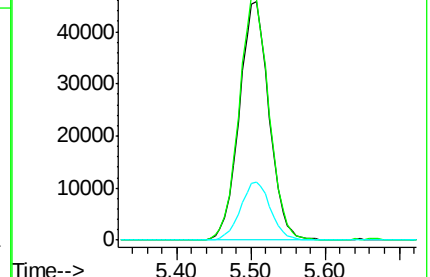
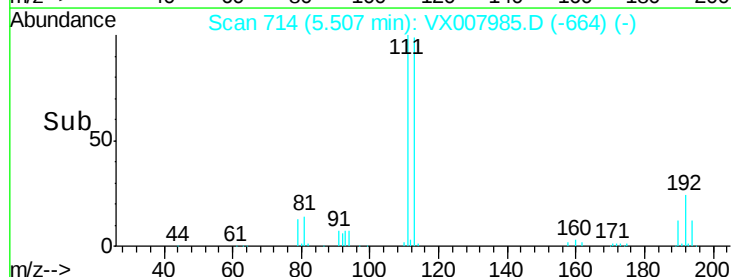
192 24.6 19.4 29.0

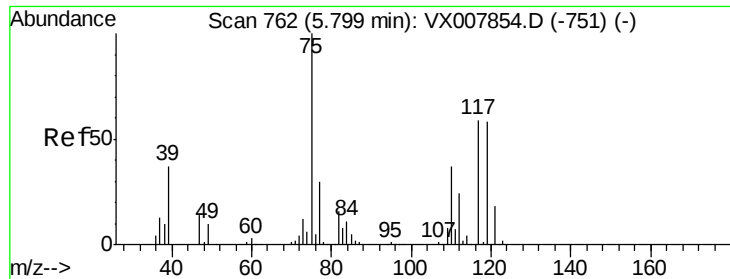


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.341 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

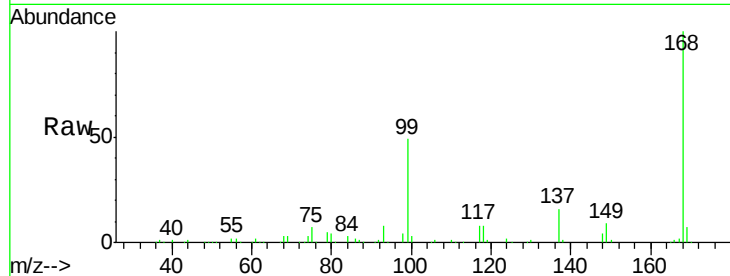
Tot Ion: 75 Resp: 15461

Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.0#

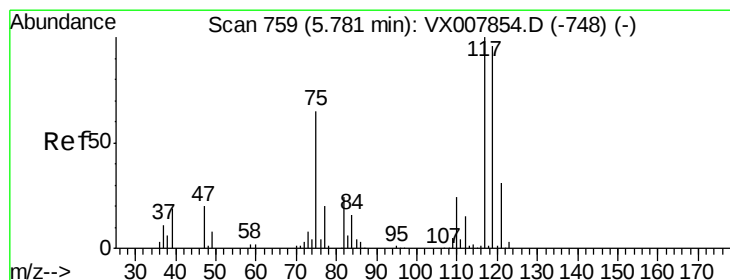
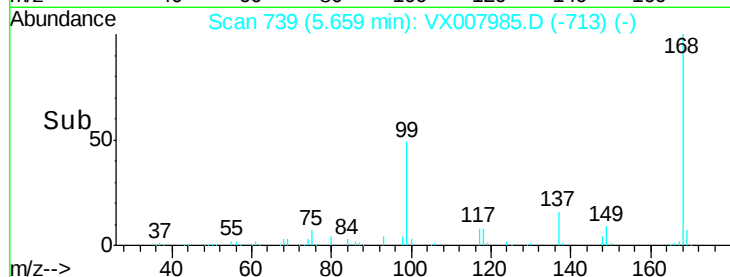
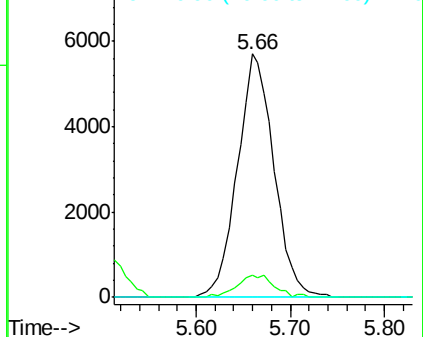
77 0.0 25.0 37.4#



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: 0.419 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

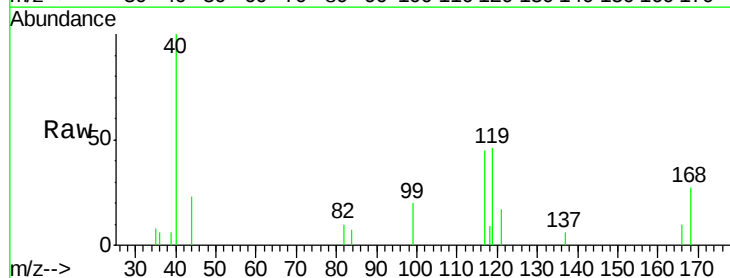
Tgt Ion: 117 Resp: 1418

Ion Ratio Lower Upper

117 100

119 102.3 76.2 114.2

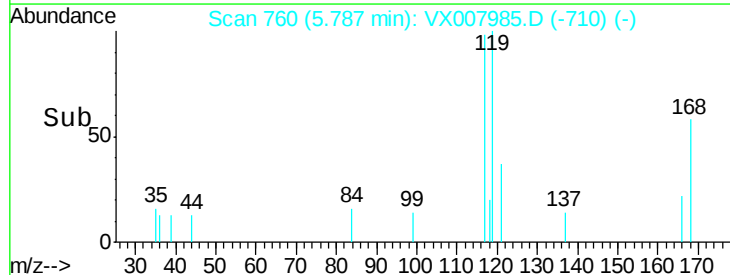
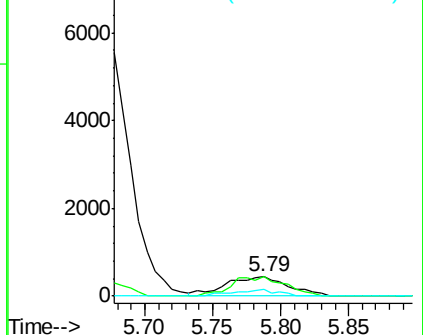
121 38.3 24.6 36.8#

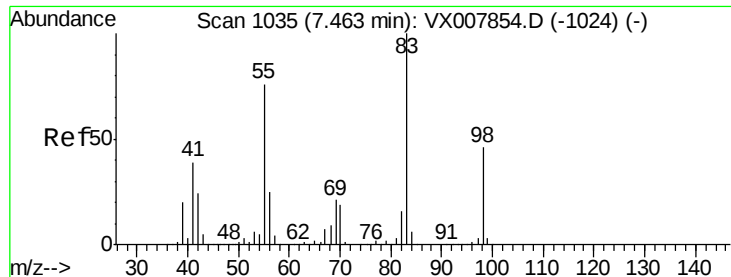


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

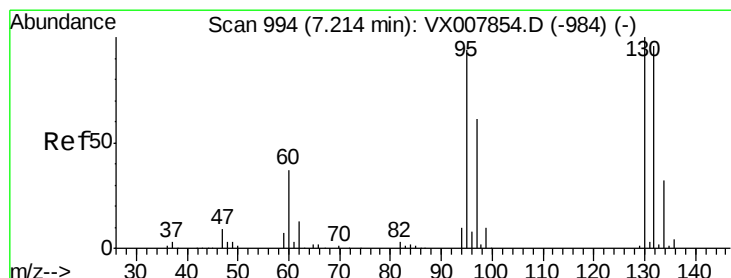
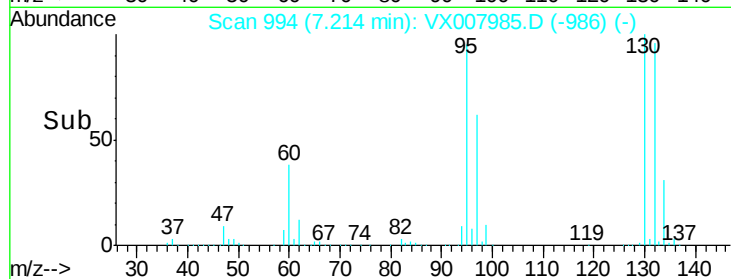
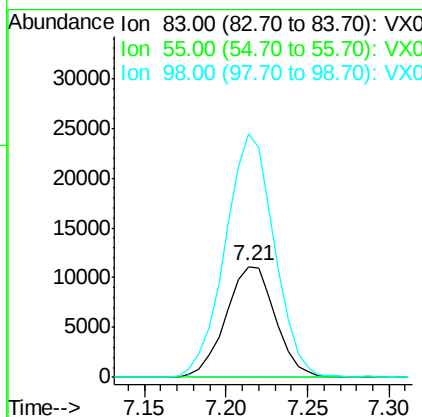
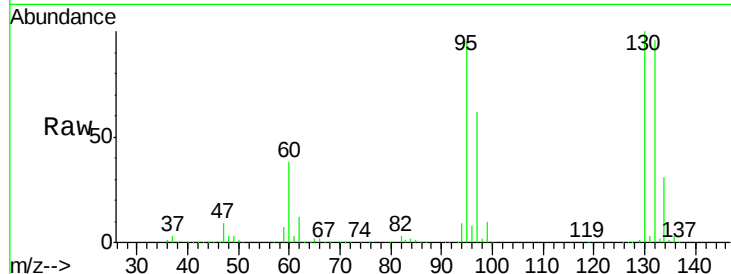




#39
Methvlcvclohexane
Concen: 5.422 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

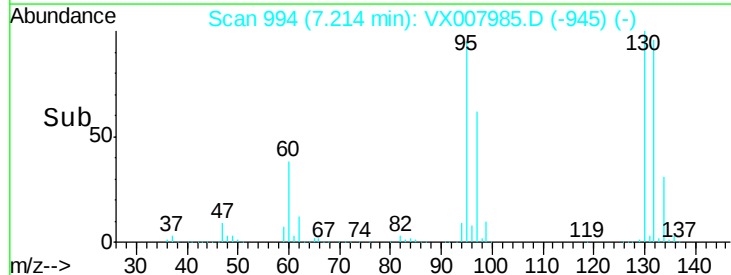
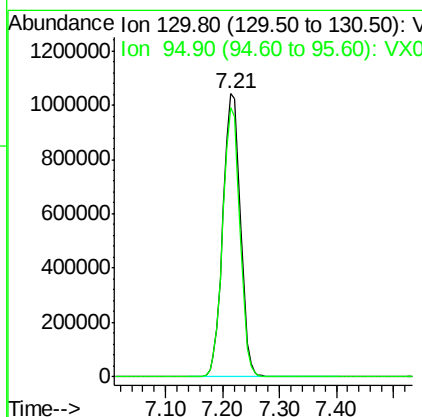
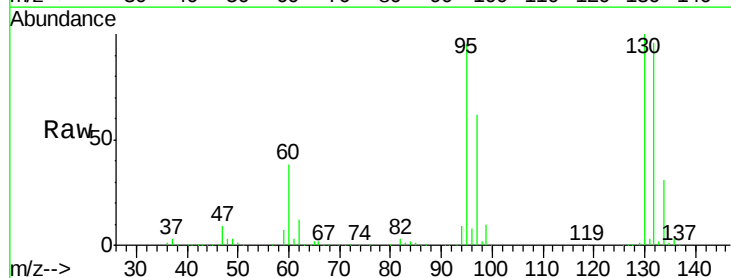
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

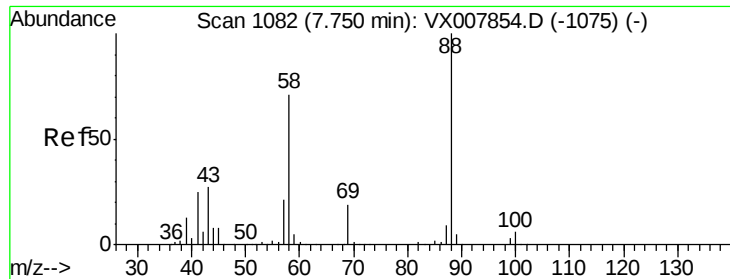
Tot Ion: 83 Resp: 23401
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 219.0 36.5 54.7#



#44
Trichloroethene
Concen: 761.780 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion:130 Resp: 2226046
Ion Ratio Lower Upper
130 100
95 94.9 0.0 188.0

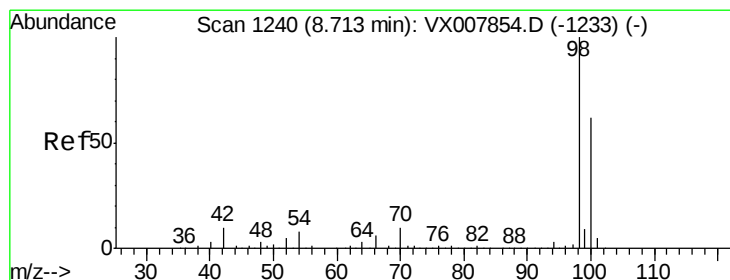
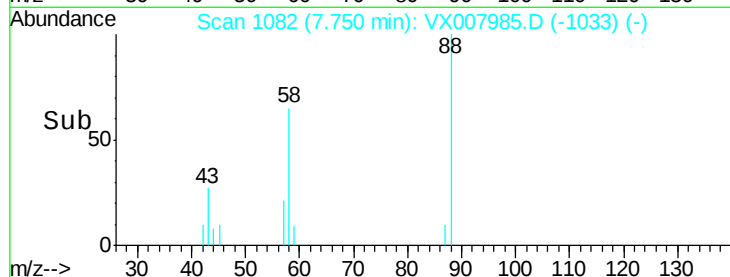
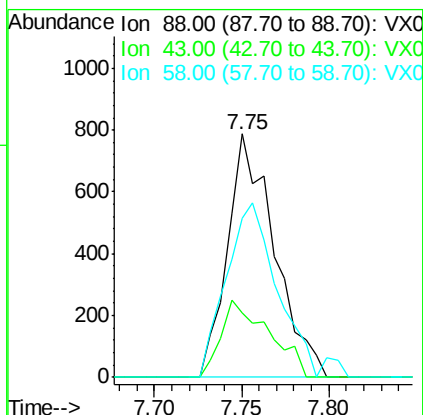
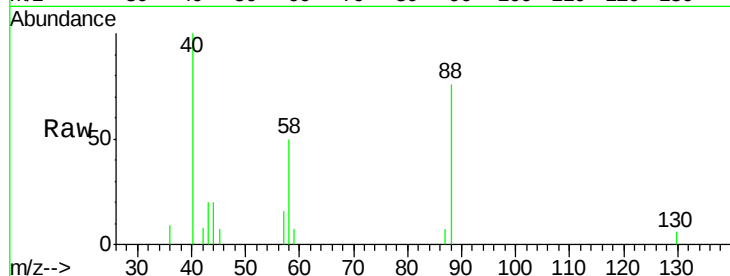




#49
1,4-Dioxane
Concen: 21.788 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

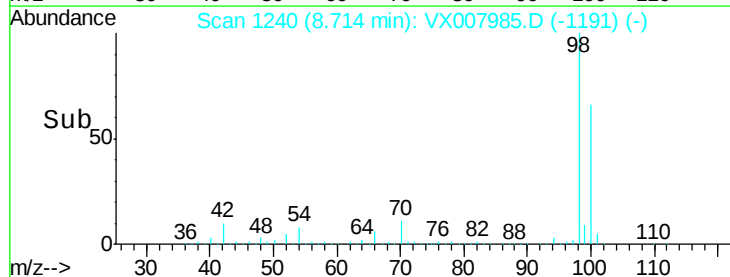
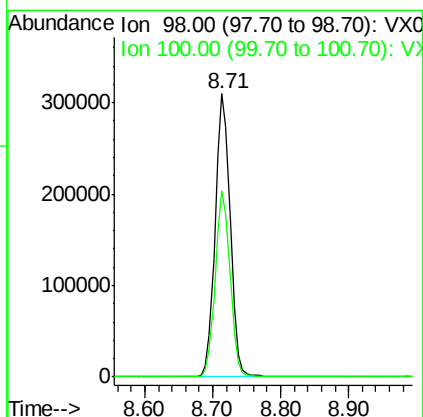
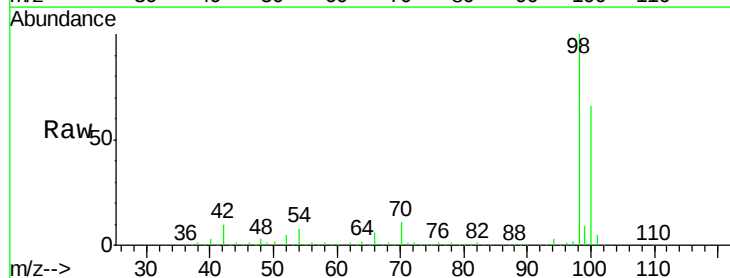
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

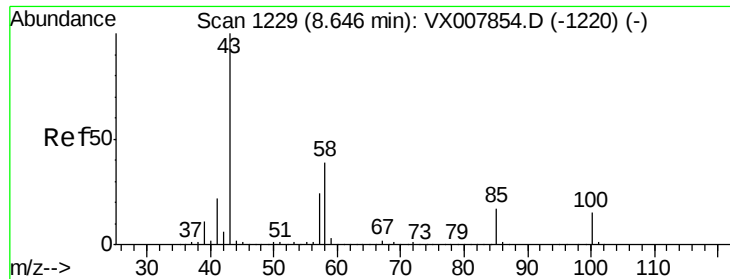
Tot Ion: 88 Resp: 1472
Ion Ratio Lower Upper
88 100
43 32.5 25.1 37.7
58 80.4 57.8 86.6



#50
Toluene-d8
Concen: 51.667 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion: 98 Resp: 477441
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.498 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.07 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

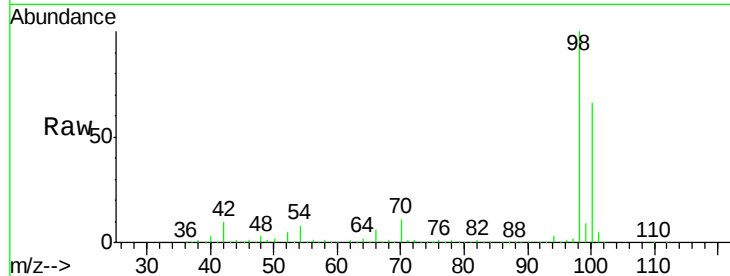
RE103D1-20190308

Tot Ion: 43 Resp: 2005

Ion Ratio Lower Upper

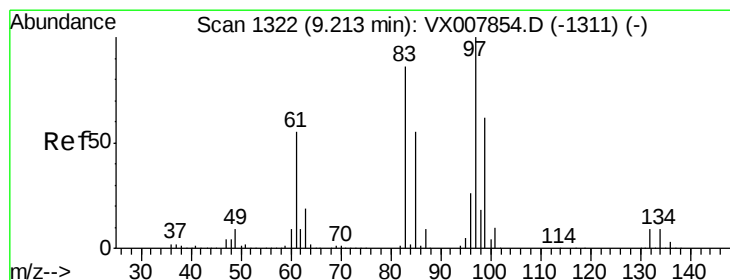
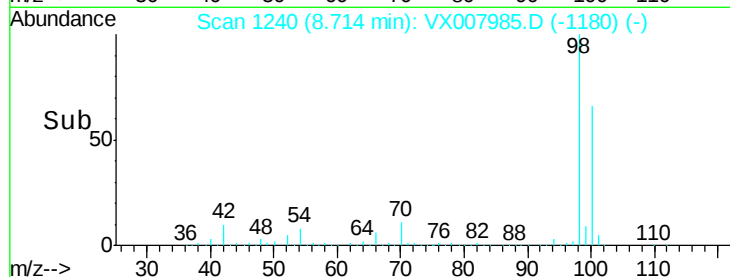
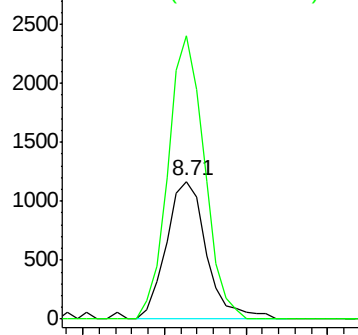
43 100

58 185.0 31.3 46.9#



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: 0.707 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Tgt Ion: 97 Resp: 1852

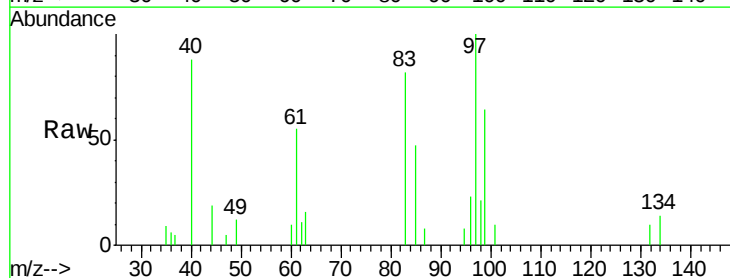
Ion Ratio Lower Upper

97 100

83 82.4 69.1 103.7

85 46.8 44.3 66.5

99 64.2 49.8 74.8

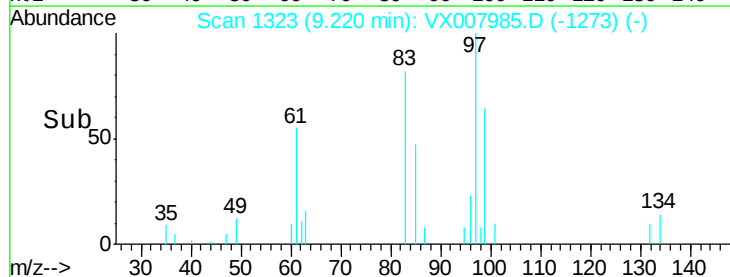
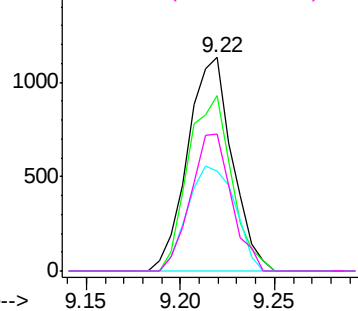


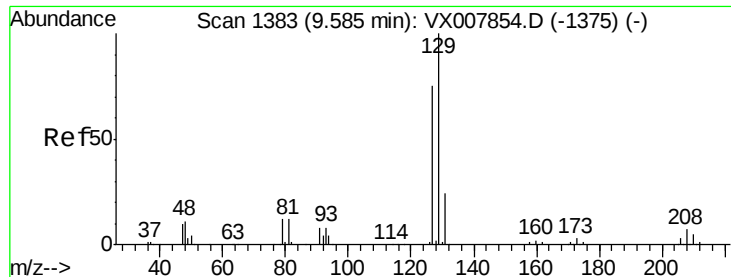
Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 3.734 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

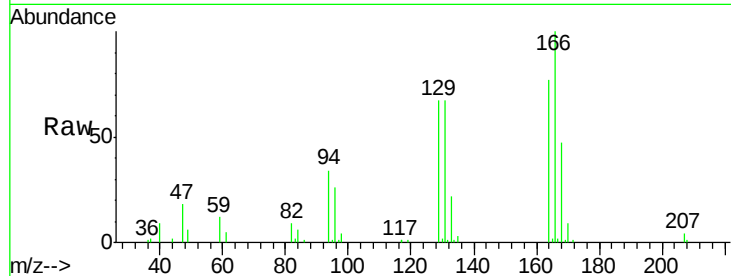
RE103D1-20190308

Tot Ion:129 Resp: 10227

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

8000

6000

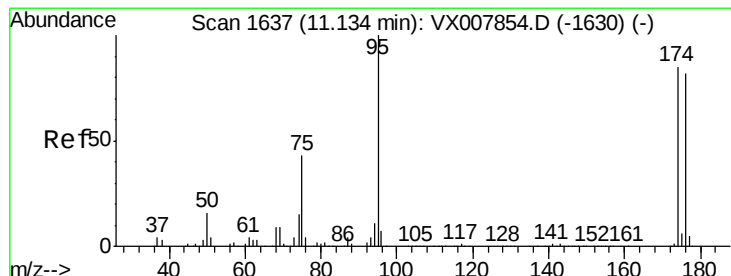
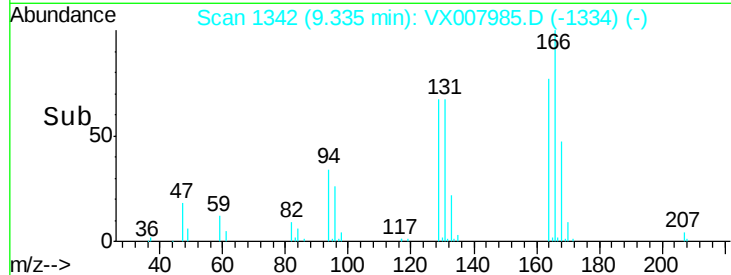
4000

2000

0

9.30 9.35 9.40

Time-->



#62

4-Bromofluorobenzene

Concen: 54.148 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

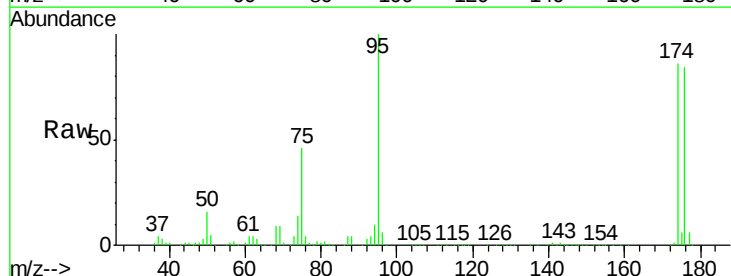
Tgt Ion: 95 Resp: 175433

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.8

176 89.8 0.0 178.0



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

11.13

150000

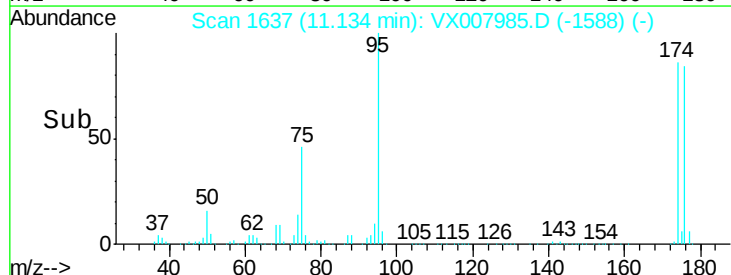
100000

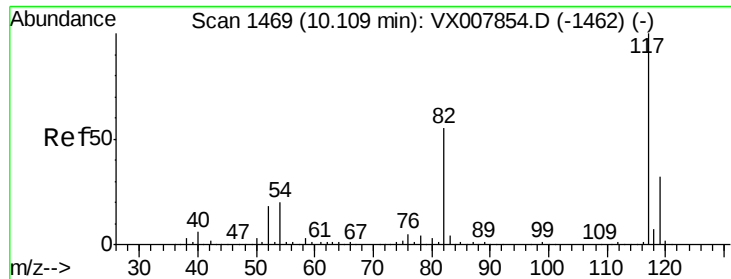
50000

0

11.10 11.20 11.30

Time-->

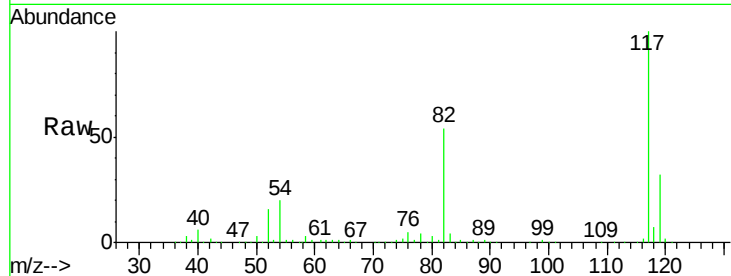




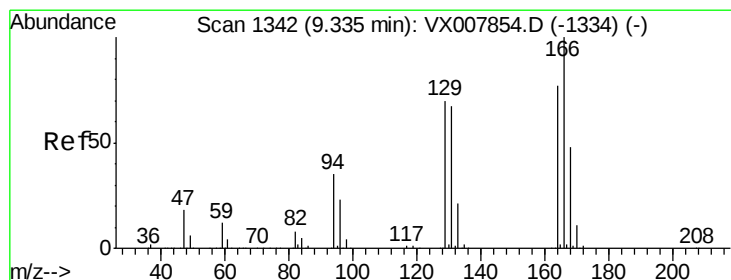
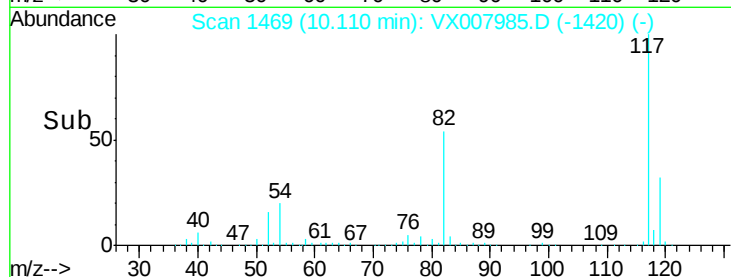
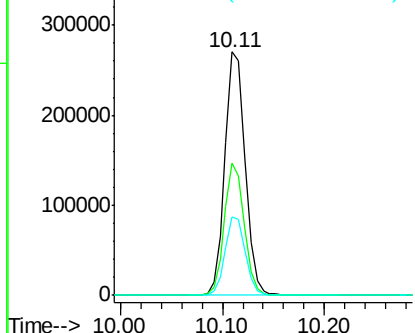
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

Tot Ion:117 Resp: 373411
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.1 25.3 37.9



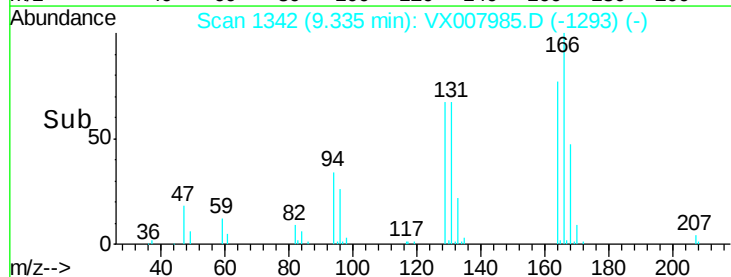
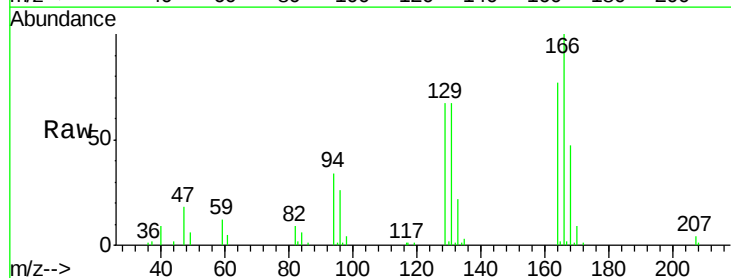
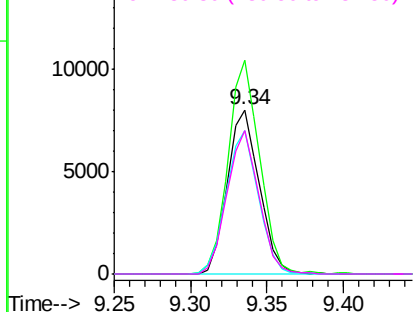
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

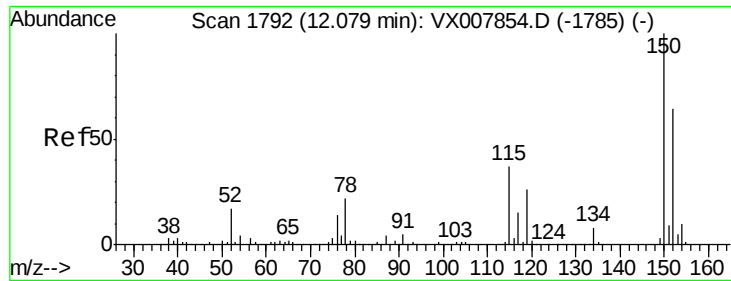


#64
Tetrachloroethene
Concen: 3.751 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion:164 Resp: 11606
Ion Ratio Lower Upper
164 100
166 130.1 103.4 155.0
129 87.4 72.2 108.4
131 87.5 69.4 104.2

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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

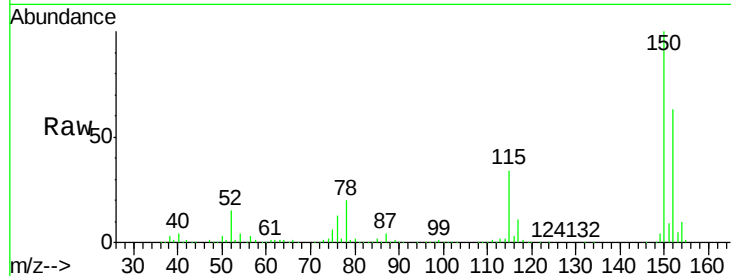
Tot Ion:152 Resp: 180969

Ion Ratio Lower Upper

152 100

115 54.6 38.6 115.7

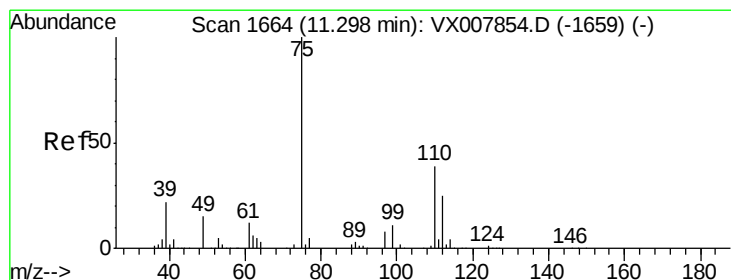
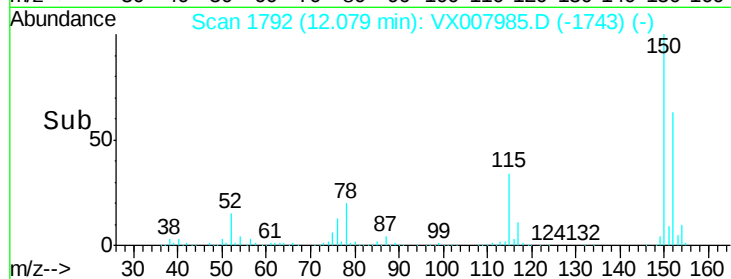
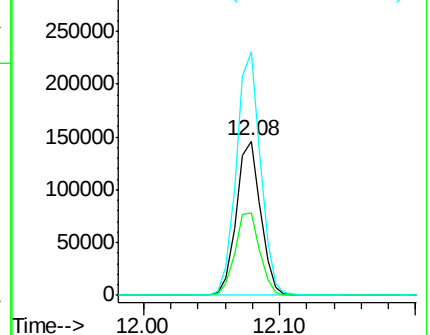
150 156.9 0.0 348.4



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: 21.066 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007985.D

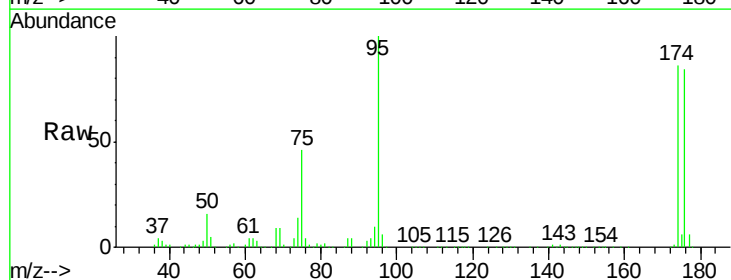
Acq: 11 Mar 2019 22:03

Tgt Ion: 75 Resp: 79998

Ion Ratio Lower Upper

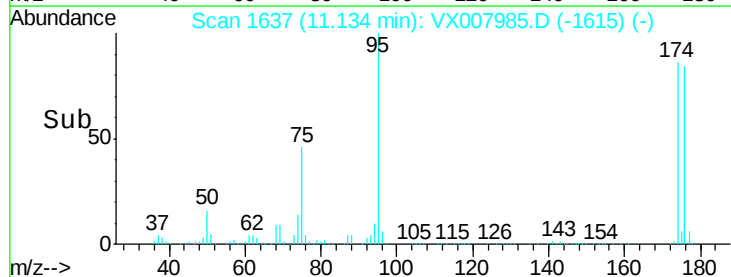
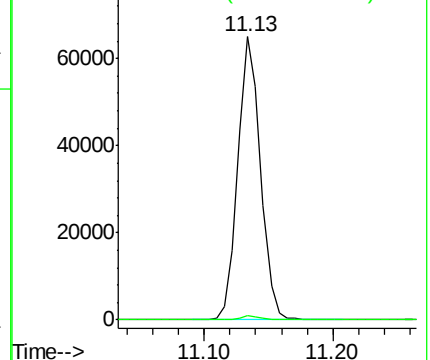
75 100

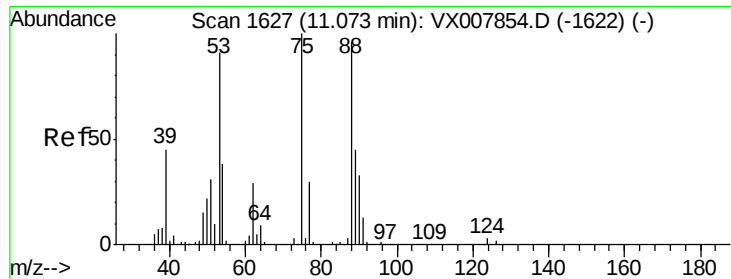
77 1.4 18.9 56.7#



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: 67.337 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

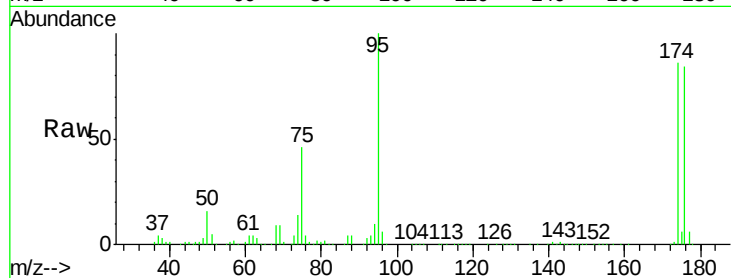
Tot Ion: 75 Resp: 79998

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 0.0 36.3 54.5#



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

