

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003485.D
 Acq On : 20 Jul 2018 01:26
 Operator : JC/SP
 Sample : J3170-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-071018

Quant Time: Jul 20 11:44:24 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	310060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227907	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	181806	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	5.51	113	175984	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
50) Toluene-d8	8.72	98	633572	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.14	95	216343	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	

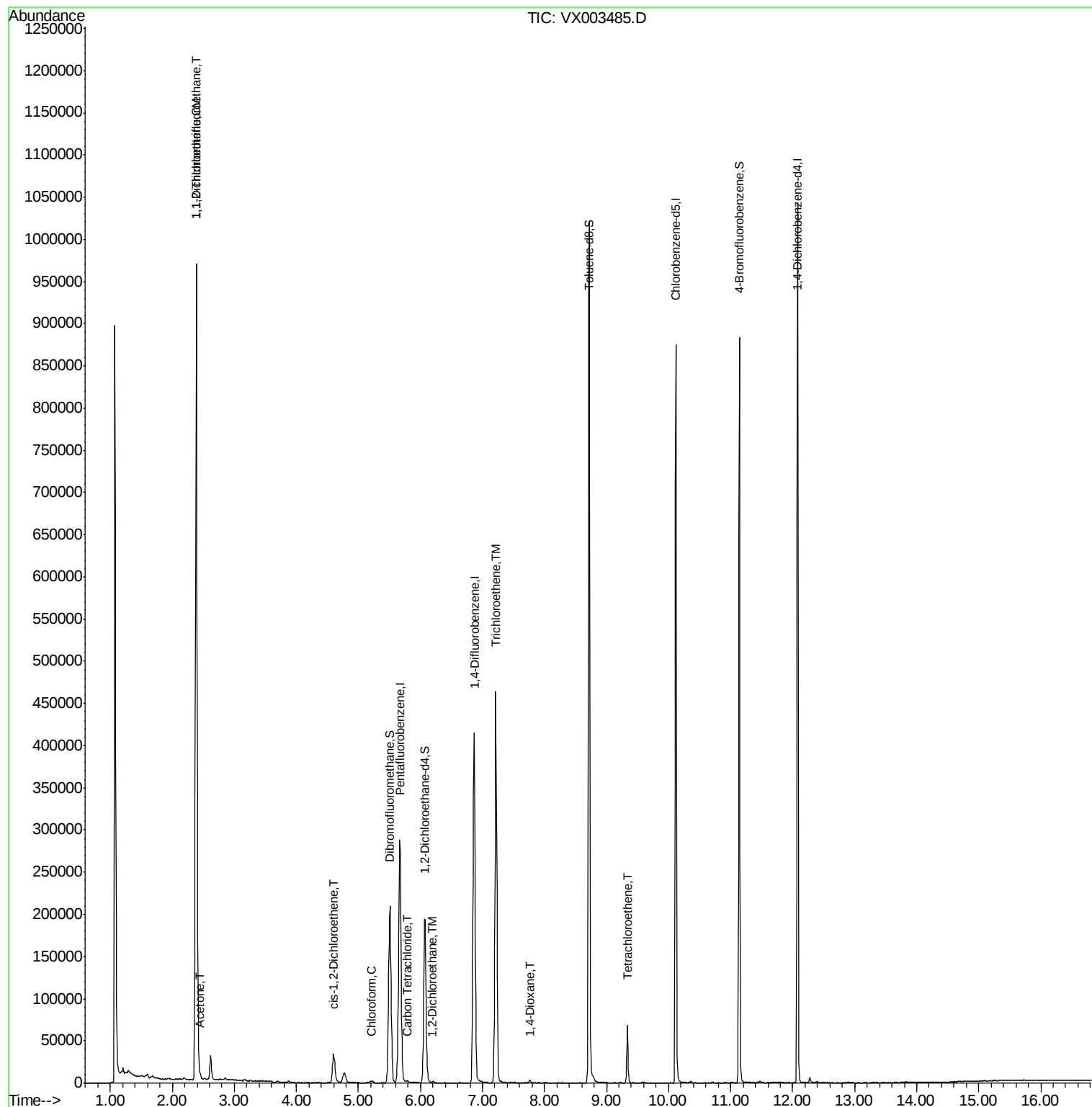
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	381023	110.78	ug/l	97
12) 1,1-Dichloroethene	2.38	96	4517	1.43	ug/l	# 70
16) Acetone	2.45	43	3027	2.18	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	18695	4.77	ug/l	64
30) Chloroform	5.22	83	2353	0.39	ug/l	90
38) Carbon Tetrachloride	5.79	117	1346	0.29	ug/l	88
42) 1,2-Dichloroethane	6.20	62	1277	0.28	ug/l	96
44) Trichloroethene	7.21	130	191282	44.29	ug/l	100
49) 1,4-Dioxane	7.77	88	1932	23.42	ug/l	96
64) Tetrachloroethene	9.34	164	13972	2.75	ug/l	93

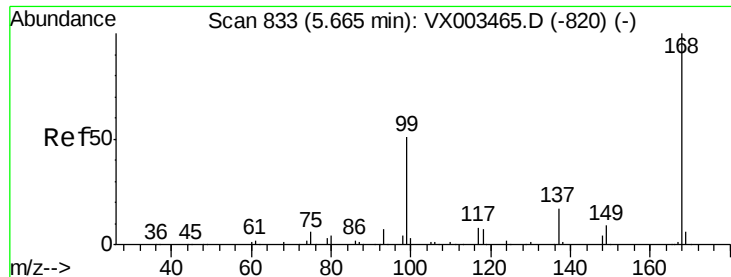
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071918\
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Sample : J3170-06
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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# 833

Delta R.T. 0.00 min

Lab File: VX003485.D

Acq: 20 Jul 2018 01:26

Instrument :

MSVOA_X

ClientSampleId :

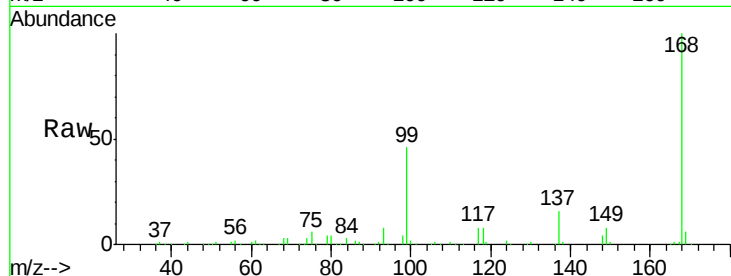
RE131D2-071018

Tot Ion:168 Resp: 310060

Ion Ratio Lower Upper

168 100

99 46.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

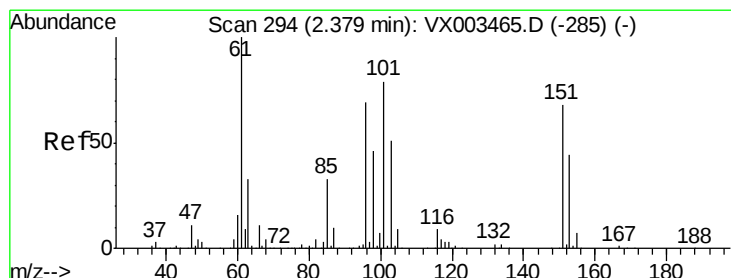
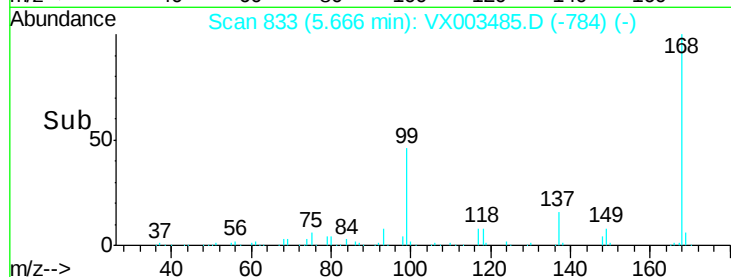
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 110.78 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003485.D

Acq: 20 Jul 2018 01:26

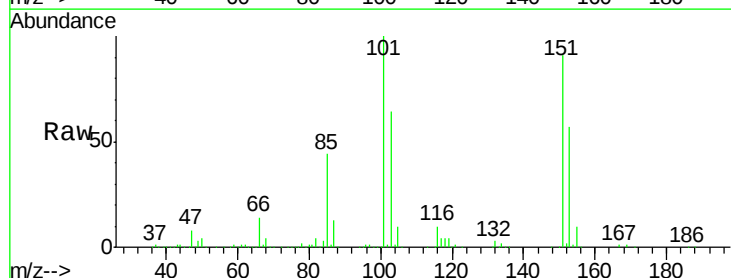
Tgt Ion:101 Resp: 381023

Ion Ratio Lower Upper

101 100

85 43.0 36.0 54.0

151 90.9 70.9 106.3



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

2.39

250000

200000

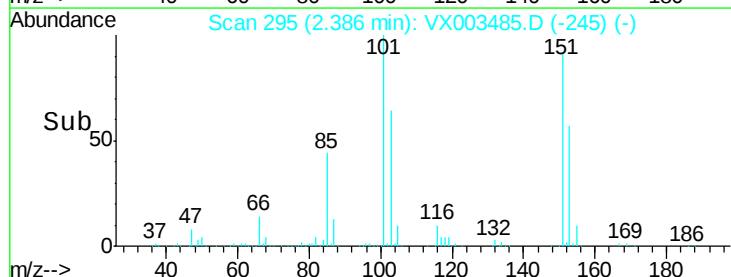
150000

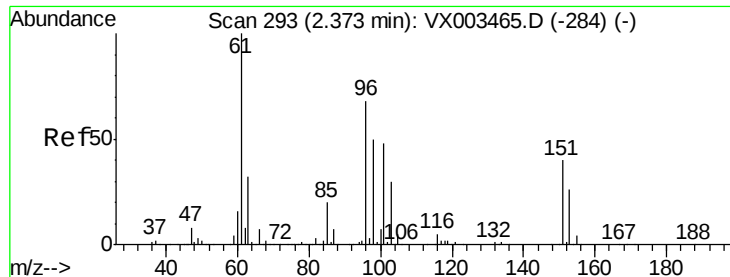
100000

50000

0

Time--> 2.30 2.40 2.50 2.60





#12

1,1-Dichloroethene

Concen: 1.43 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003485.D

Acq: 20 Jul 2018 01:26

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-071018

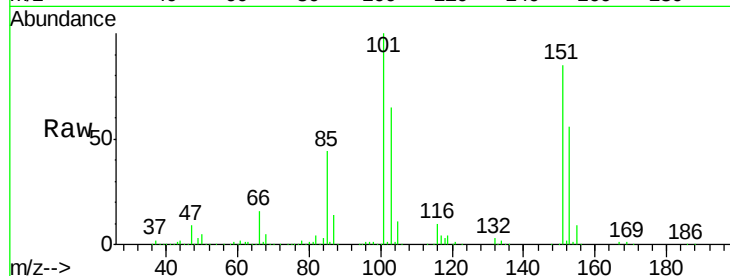
Tot Ion: 96 Resp: 4517

Ion Ratio Lower Upper

96 100

61 122.4 137.9 206.9#

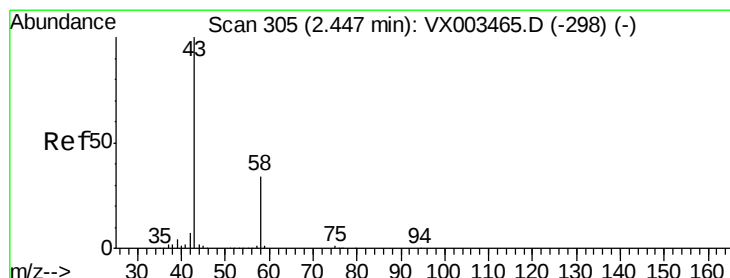
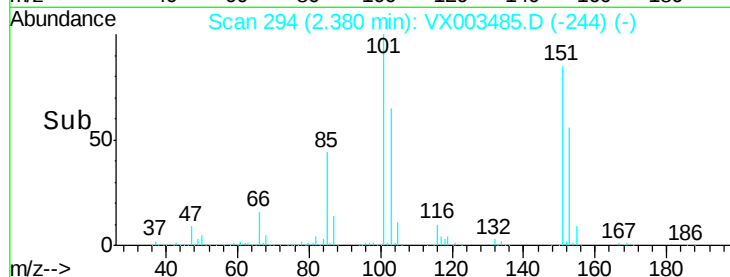
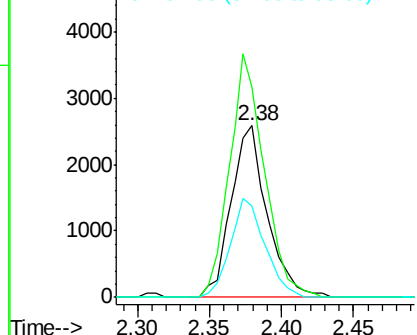
98 53.3 51.6 77.4



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



#16

Acetone

Concen: 2.18 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003485.D

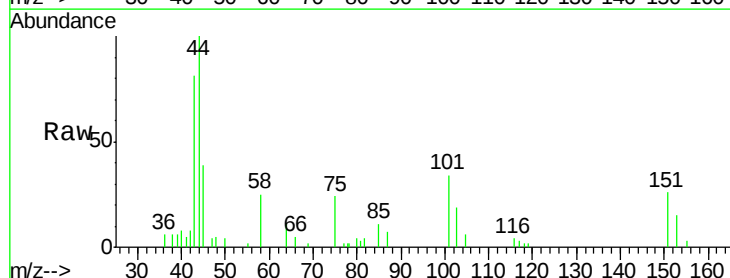
Acq: 20 Jul 2018 01:26

Tgt Ion: 43 Resp: 3027

Ion Ratio Lower Upper

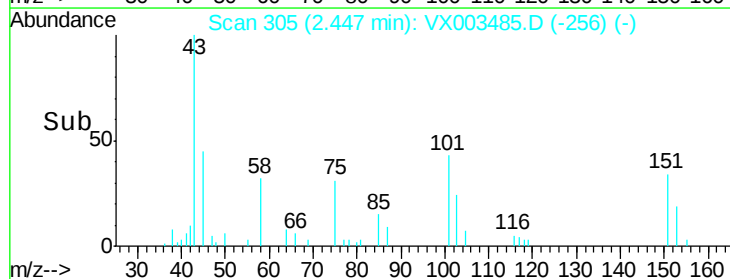
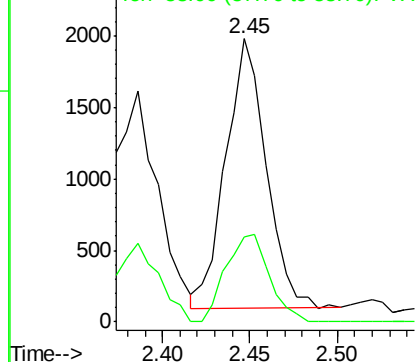
43 100

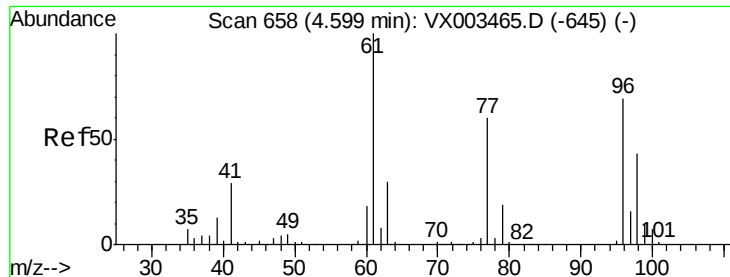
58 31.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 4.77 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003485.D

Acq: 20 Jul 2018 01:26

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-071018

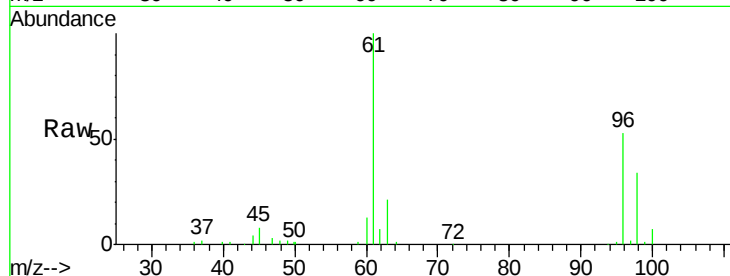
Tot Ion: 96 Resp: 18695

Ion Ratio Lower Upper

96 100

61 230.8 0.0 330.2

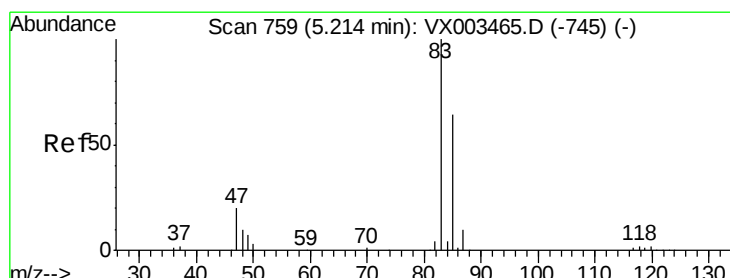
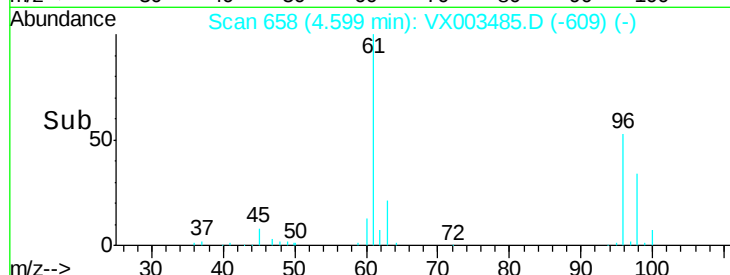
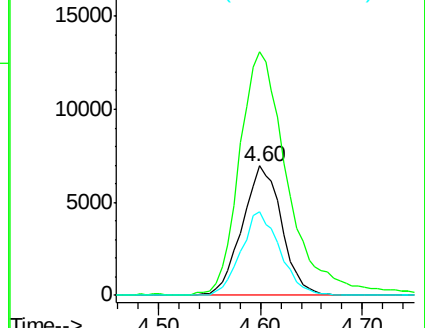
98 63.3 0.0 130.2



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



#30

Chloroform

Concen: 0.39 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003485.D

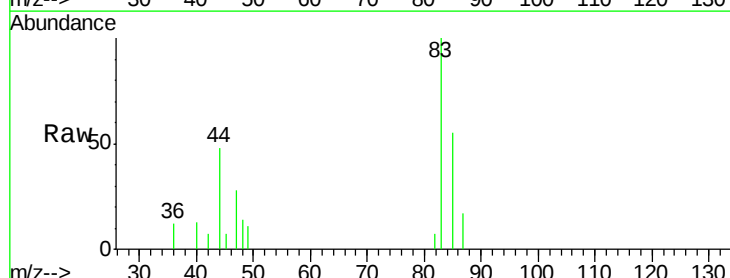
Acq: 20 Jul 2018 01:26

Tgt Ion: 83 Resp: 2353

Ion Ratio Lower Upper

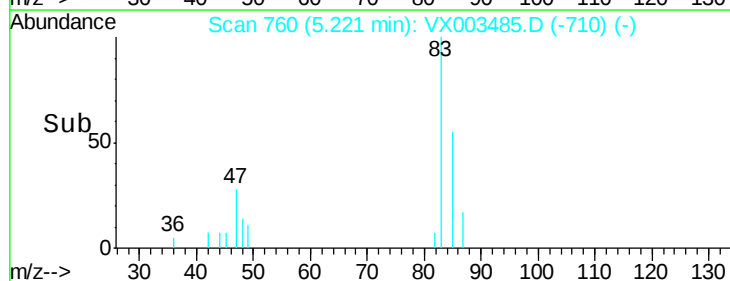
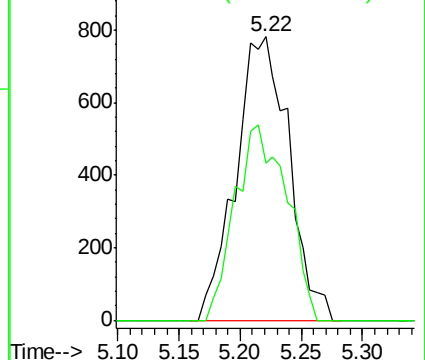
83 100

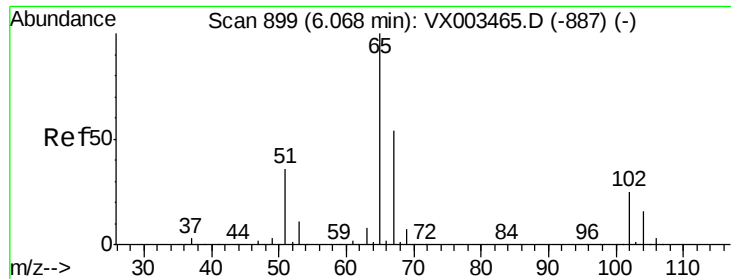
85 55.3 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.53 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003485.D

Acq: 20 Jul 2018 01:26

Instrument :

MSVOA_X

ClientSampleId :

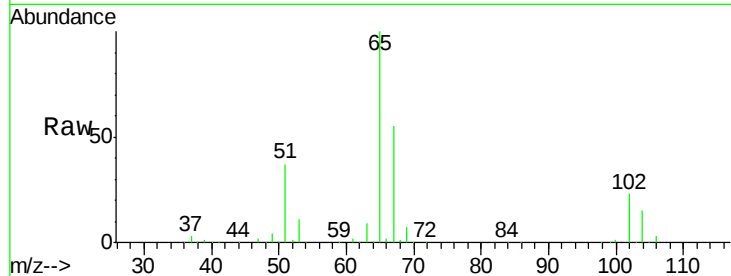
RE131D2-071018

Tot Ion: 65 Resp: 181806

Ion Ratio Lower Upper

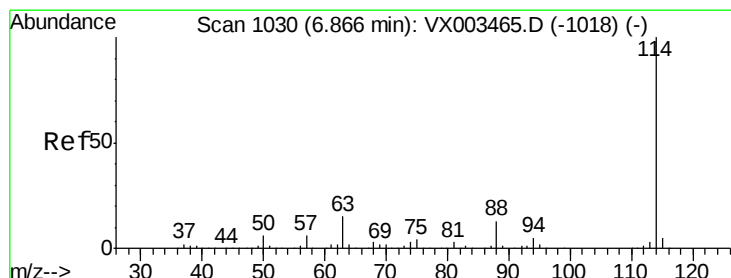
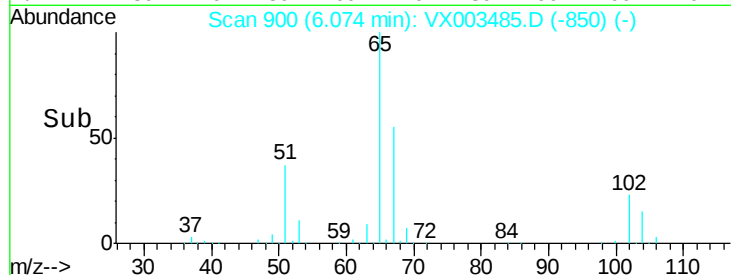
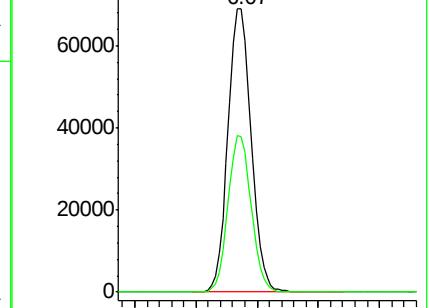
65 100

67 54.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003485.D

Acq: 20 Jul 2018 01:26

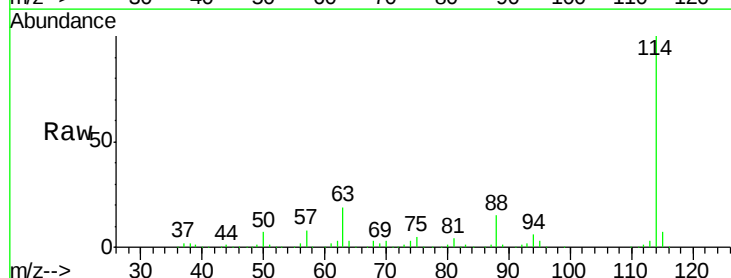
Tgt Ion: 114 Resp: 444230

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

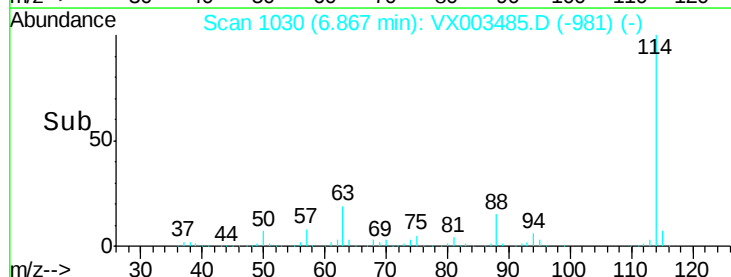
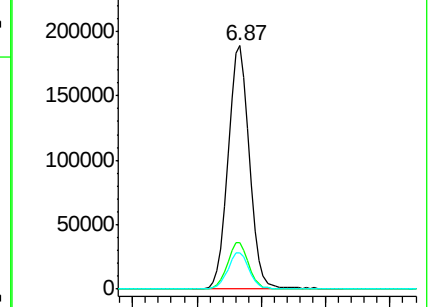
88 14.9 0.0 30.0

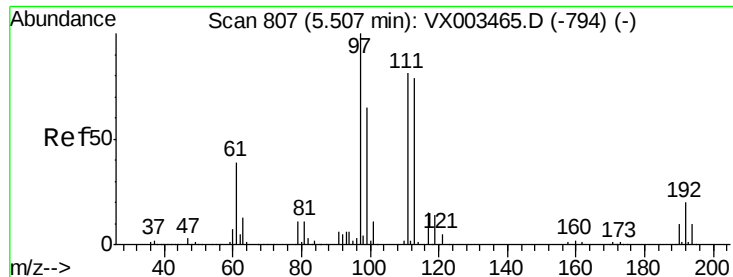


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

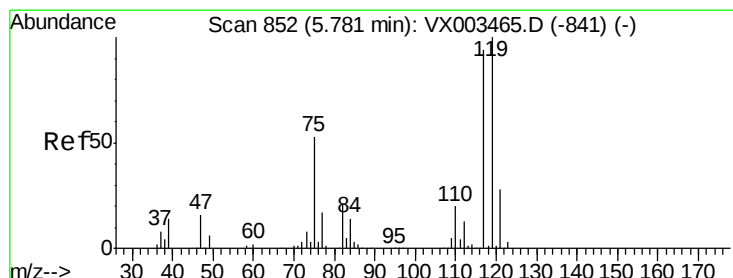
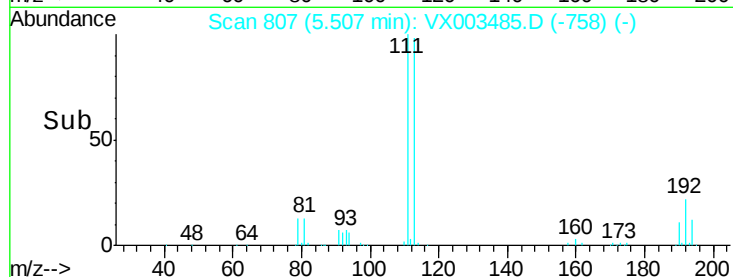
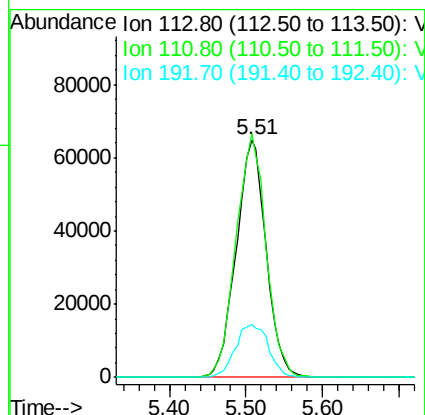
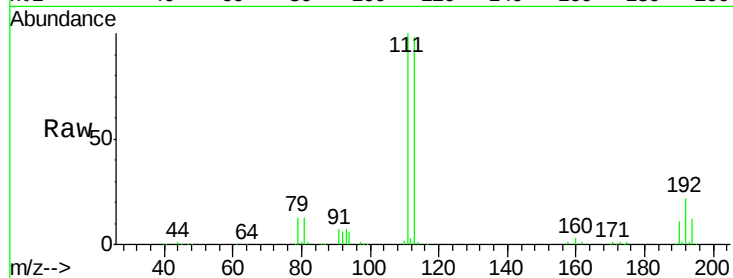




#35
Dibromofluoromethane
Concen: 52.01 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003485.D
Acq: 20 Jul 2018 01:26

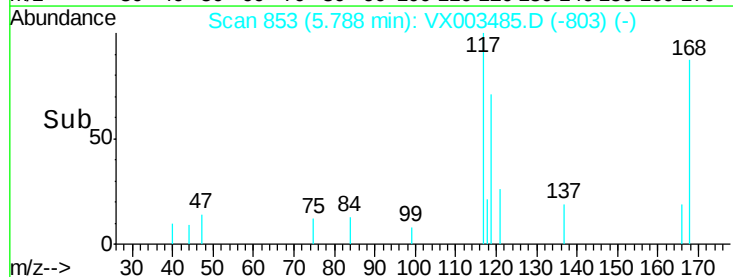
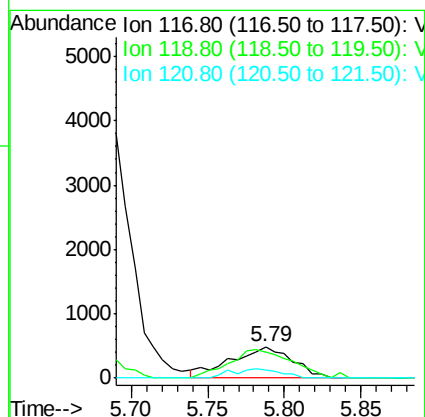
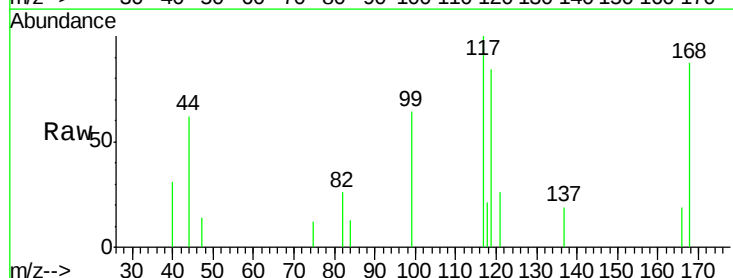
Instrument :
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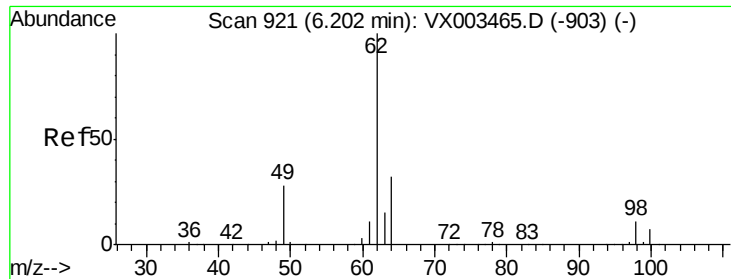
Tot Ion:113 Resp: 175984
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 24.6 19.1 28.7



#38
Carbon Tetrachloride
Concen: 0.29 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003485.D
Acq: 20 Jul 2018 01:26

Tgt Ion:117 Resp: 1346
Ion Ratio Lower Upper
117 100
119 84.1 77.4 116.0
121 26.4 24.4 36.6

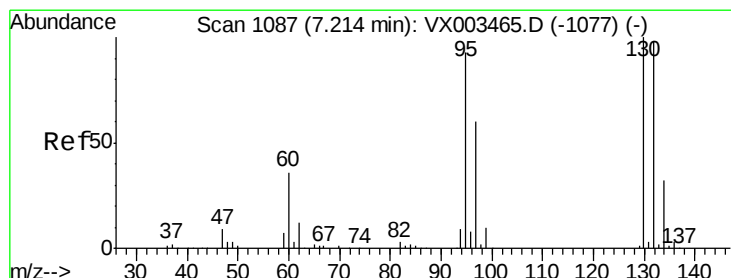
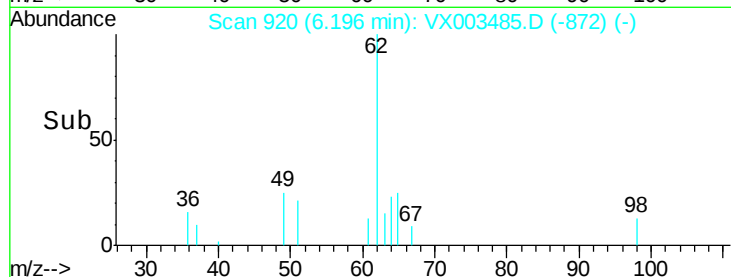
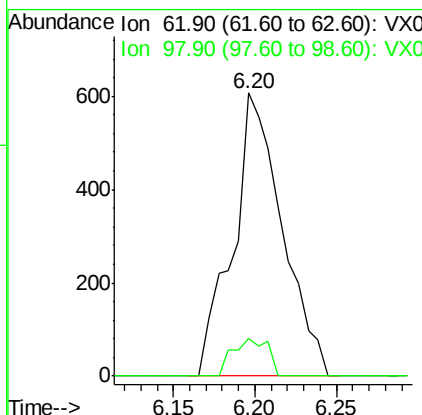
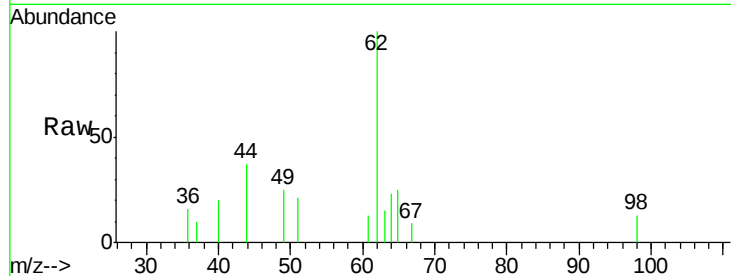




#42
 1,2-Dichloroethane
 Concen: 0.28 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VX003485.D
 Acq: 20 Jul 2018 01:26

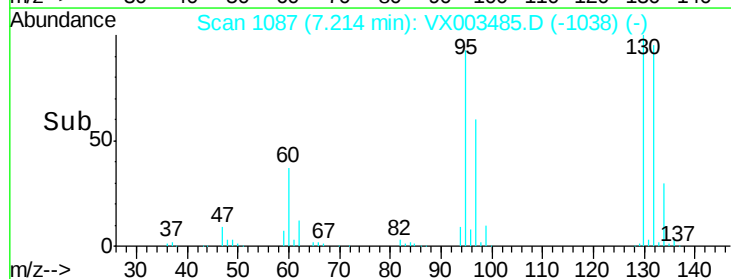
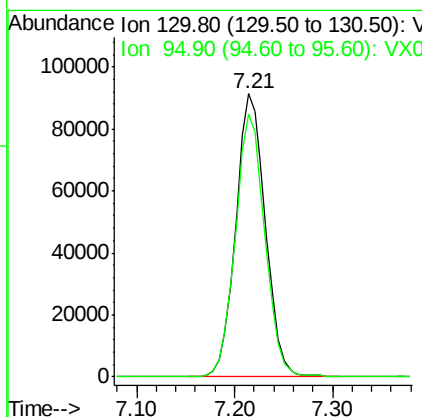
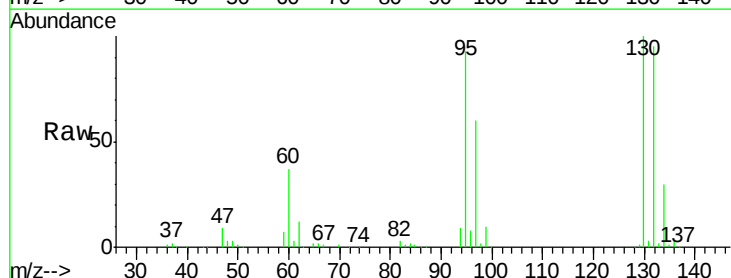
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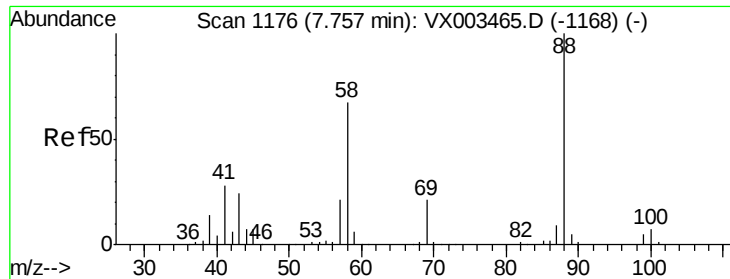
Tot Ion: 62 Resp: 1277
 Ion Ratio Lower Upper
 62 100
 98 9.6 0.0 16.6



#44
 Trichloroethene
 Concen: 44.29 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003485.D
 Acq: 20 Jul 2018 01:26

Tgt Ion:130 Resp: 191282
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 185.4

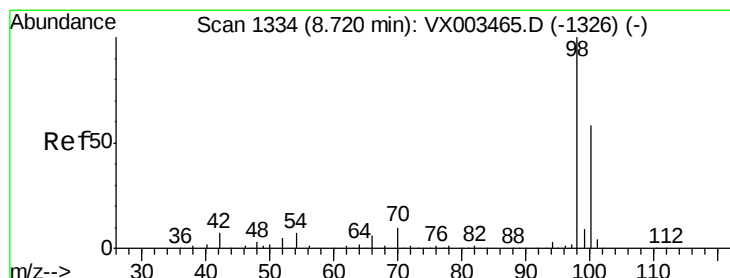
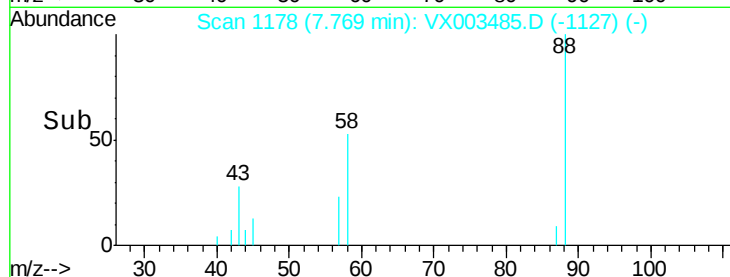
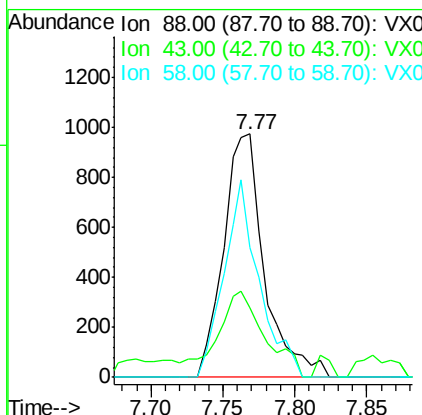
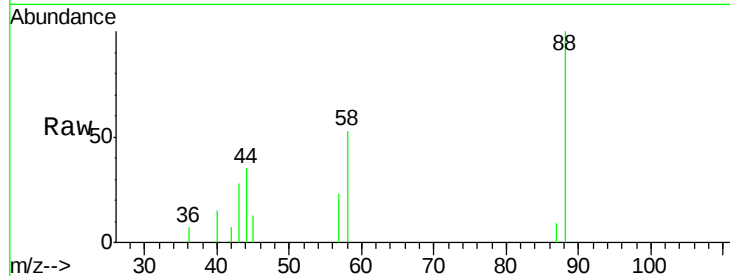




#49
1,4-Dioxane
Concen: 23.42 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX003485.D
Acq: 20 Jul 2018 01:26

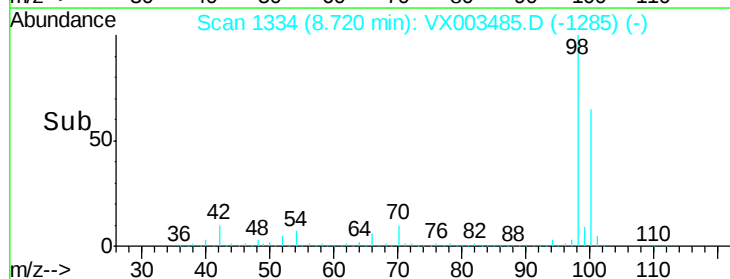
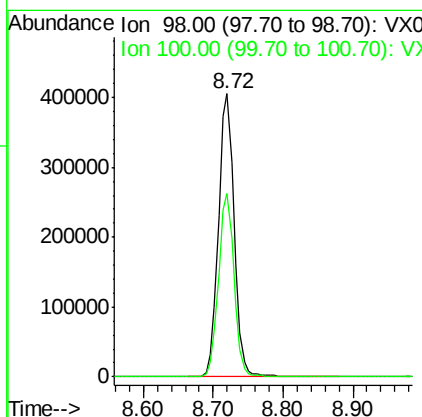
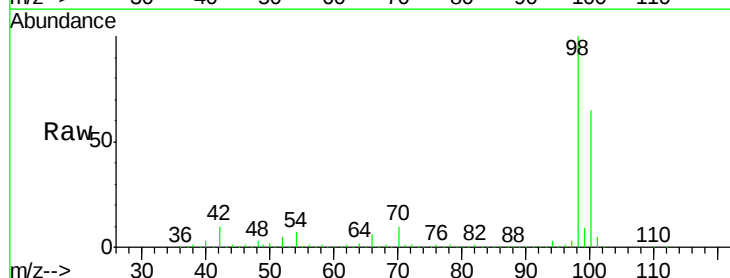
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-071018

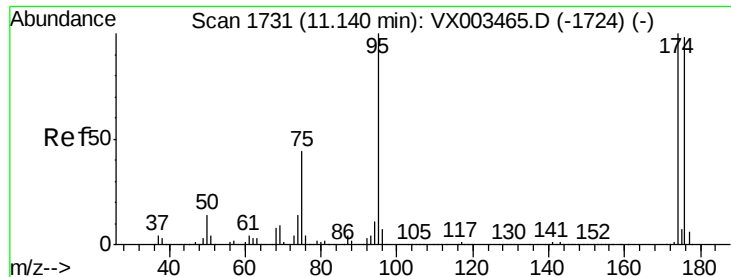
Tot Ion: 88 Resp: 1932
Ion Ratio Lower Upper
88 100
43 41.5 29.8 44.6
58 70.0 57.1 85.7



#50
Toluene-d8
Concen: 49.82 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003485.D
Acq: 20 Jul 2018 01:26

Tgt Ion: 98 Resp: 633572
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3

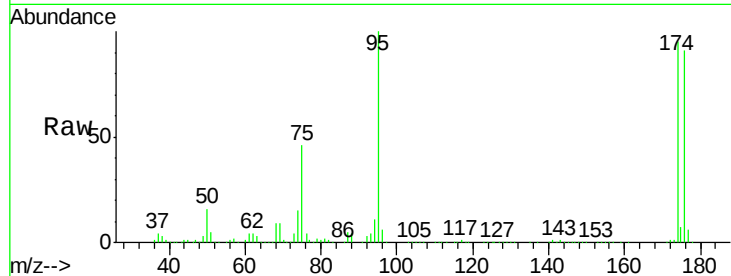




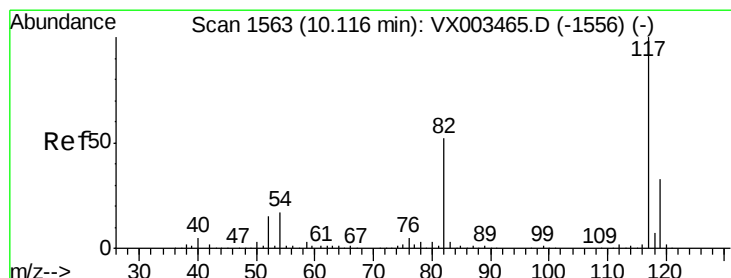
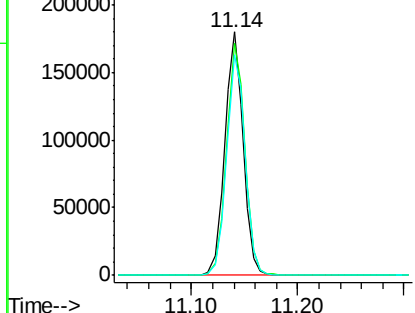
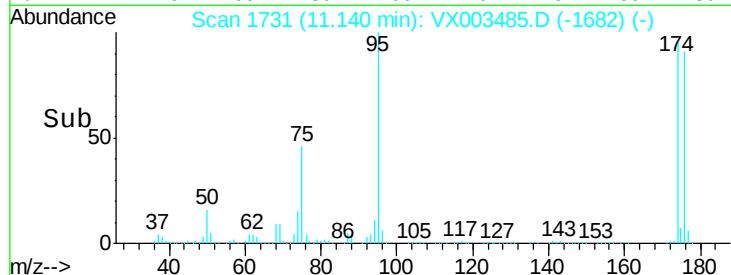
#62
4-Bromofluorobenzene
Concen: 46.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003485.D
Acq: 20 Jul 2018 01:26

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-071018

Tot Ion: 95 Resp: 216343
Ion Ratio Lower Upper
95 100
174 96.0 0.0 187.4
176 92.1 0.0 181.0

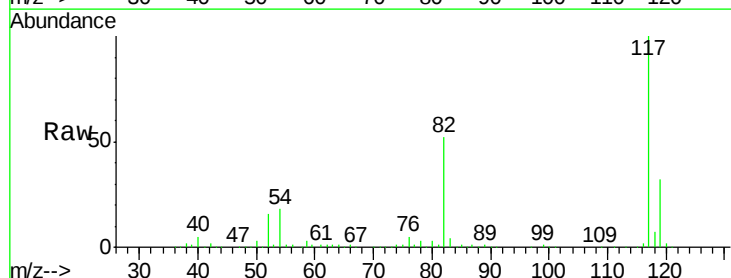


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

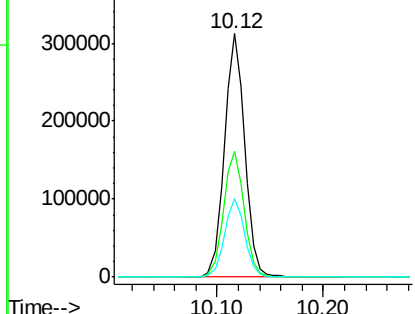
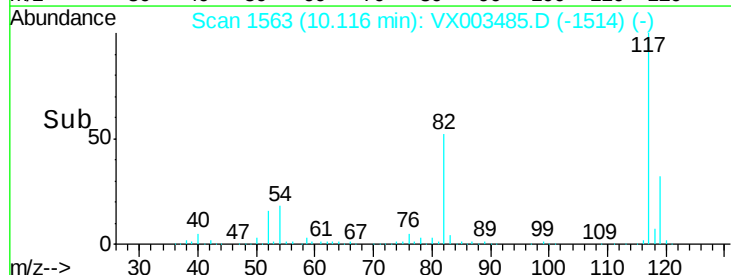


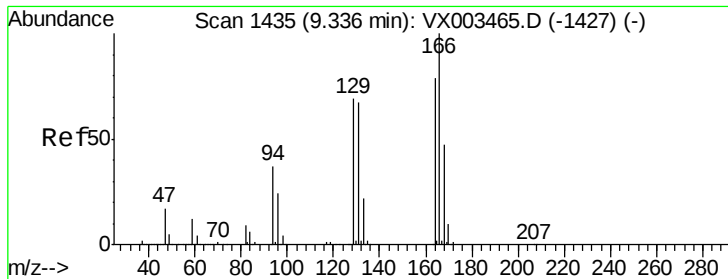
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003485.D
Acq: 20 Jul 2018 01:26

Tgt Ion: 117 Resp: 416983
Ion Ratio Lower Upper
117 100
82 51.9 45.0 67.4
119 32.3 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: 2.75 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003485.D

Acq: 20 Jul 2018 01:26

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-071018

Tot Ion:164 Resp: 13972

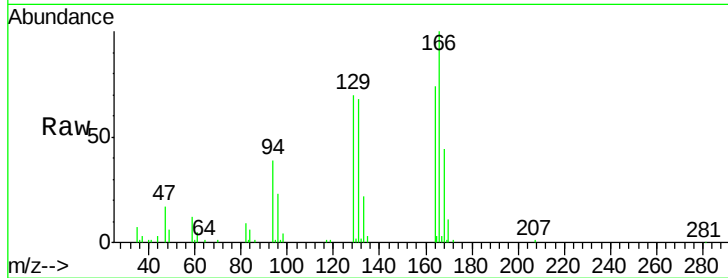
Ion Ratio Lower Upper

164 100

166 134.3 102.9 154.3

129 94.7 68.6 102.8

131 91.3 66.8 100.2



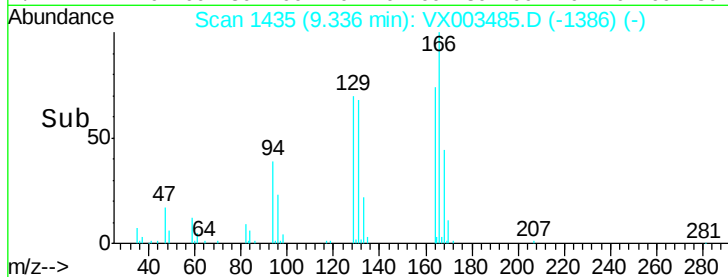
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

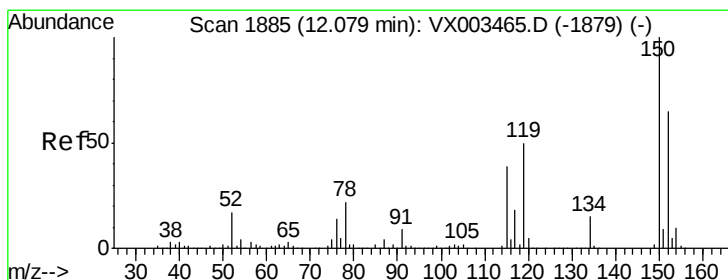
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003485.D

Acq: 20 Jul 2018 01:26

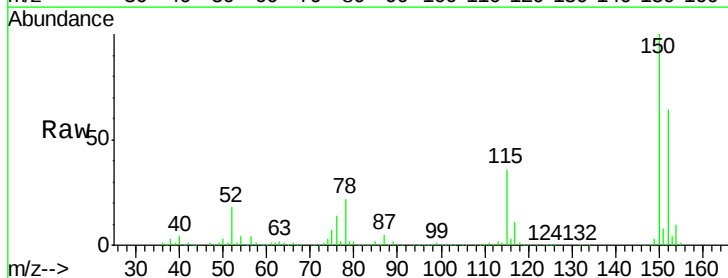
Tgt Ion:152 Resp: 227907

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

150 156.4 0.0 347.2

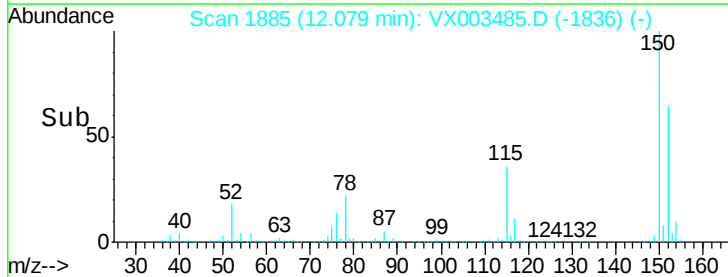


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->