

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003529.D
 Acq On : 21 Jul 2018 00:56
 Operator : JC/SP
 Sample : J4014-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-071218

Quant Time: Jul 27 03:12:22 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

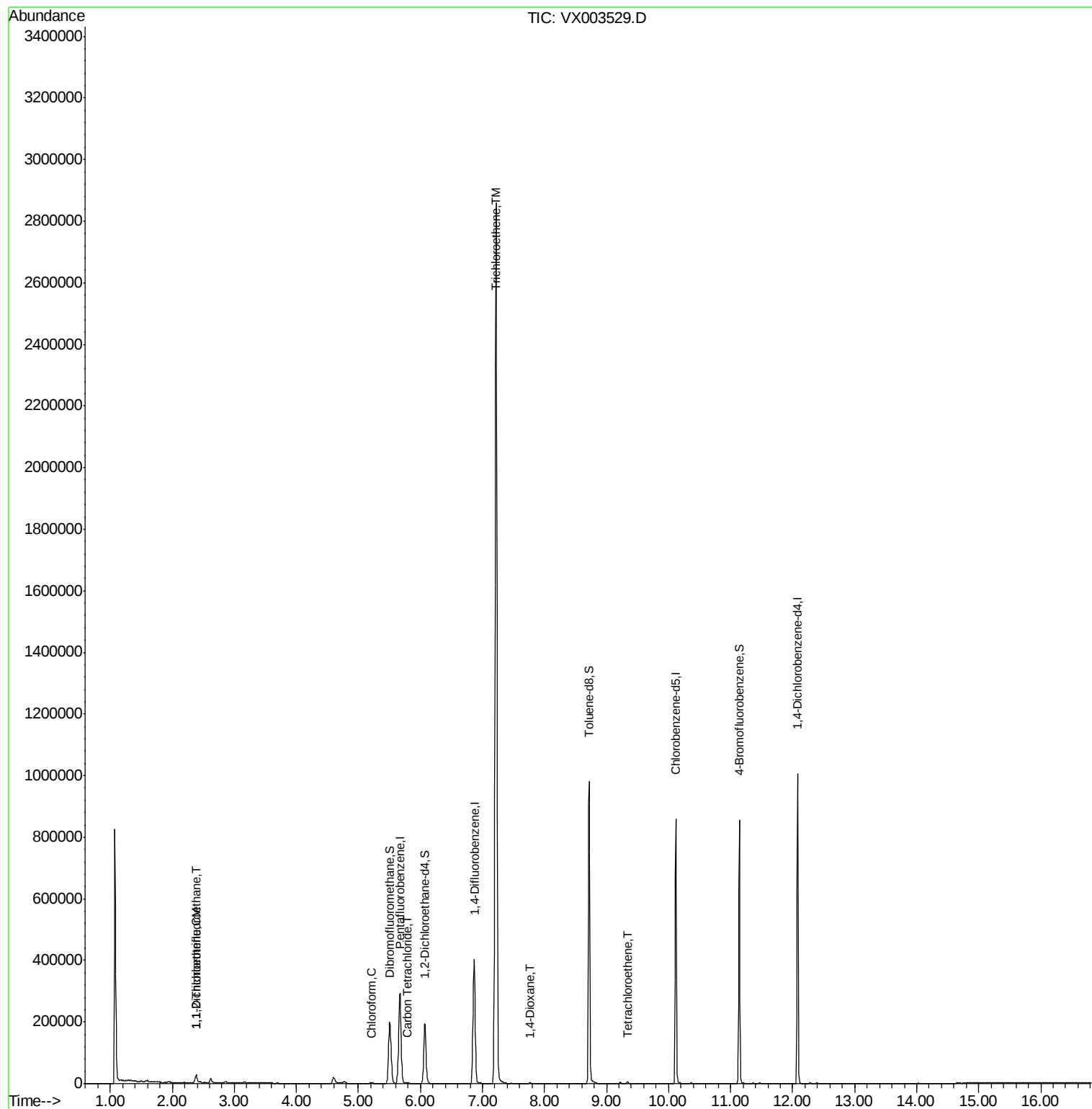
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	427510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183732	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	5.50	113	174369	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
50) Toluene-d8	8.72	98	607183	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.14	95	209407	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	9346	2.756	ug/l	96
12) 1,1-Dichloroethene	2.38	96	2224	0.712	ug/l	85
30) Chloroform	5.21	83	3560	0.597	ug/l #	83
38) Carbon Tetrachloride	5.79	117	2492	0.550	ug/l #	81
44) Trichloroethene	7.22	130	1185334	285.209	ug/l	98
49) 1,4-Dioxane	7.77	88	1104	13.906	ug/l #	79
64) Tetrachloroethene	9.34	164	1325	0.272	ug/l	87

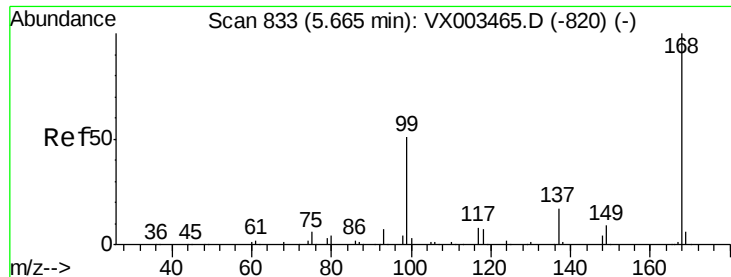
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
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QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

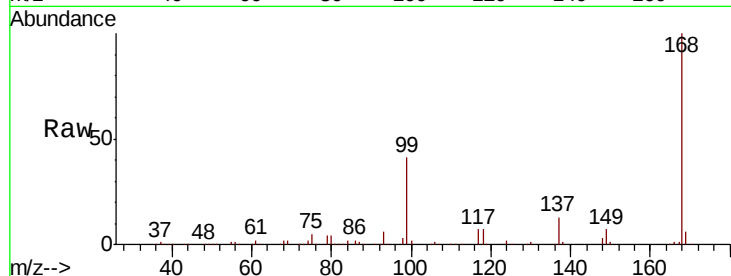
RE122D1-071218

Tgt Ion:168 Resp: 305742

Ion Ratio Lower Upper

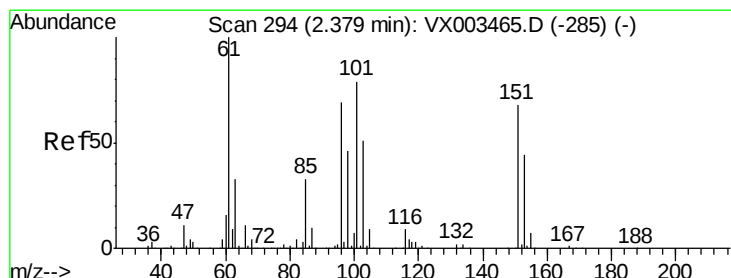
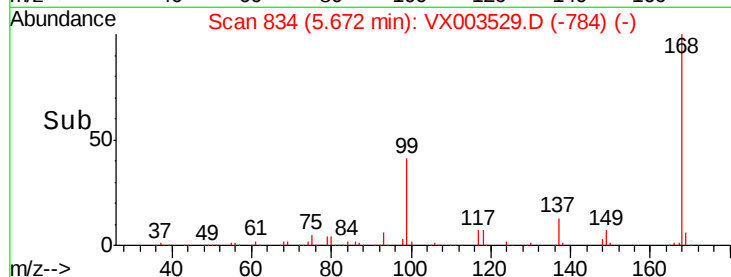
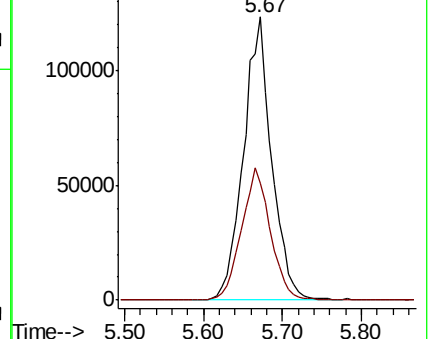
168 100

99 41.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.756 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

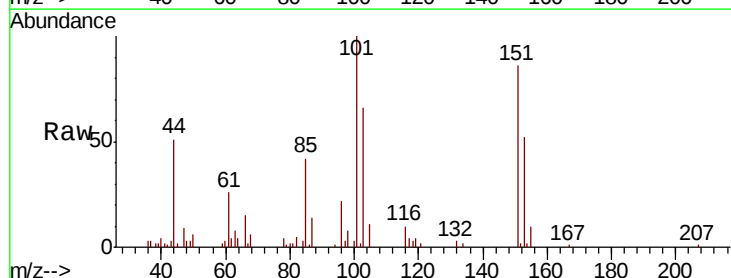
Tgt Ion:101 Resp: 9346

Ion Ratio Lower Upper

101 100

85 41.2 36.0 54.0

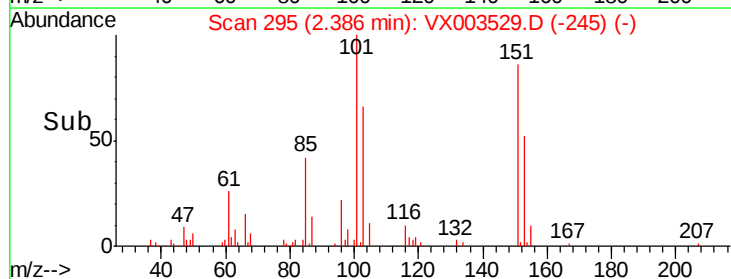
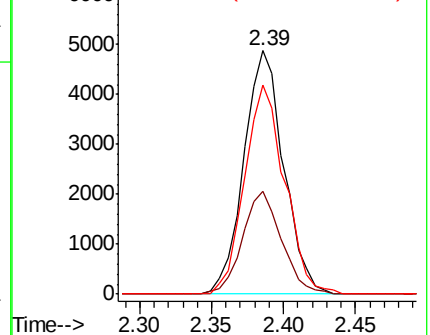
151 86.4 70.9 106.3

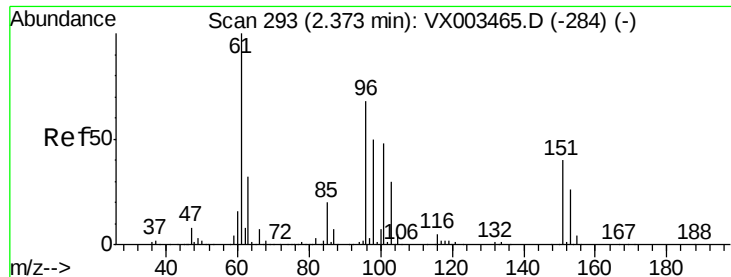


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

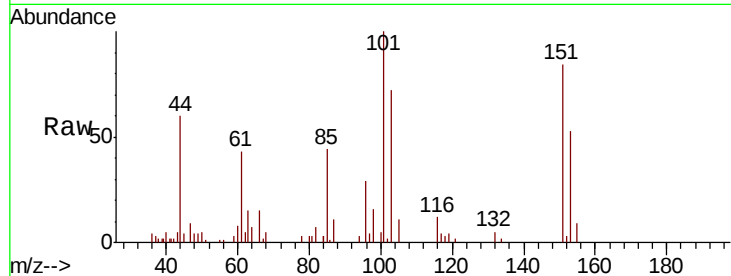




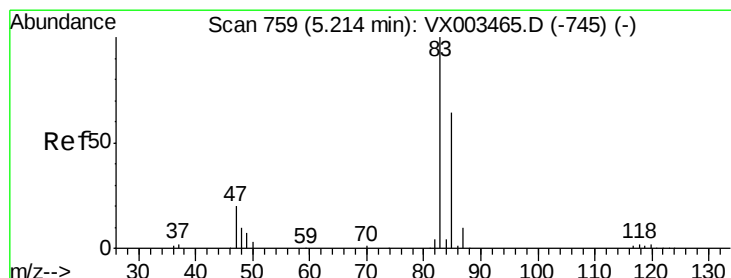
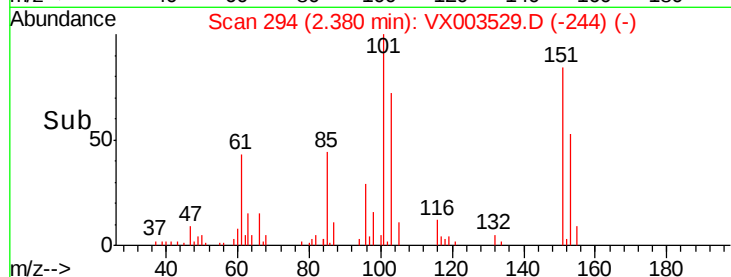
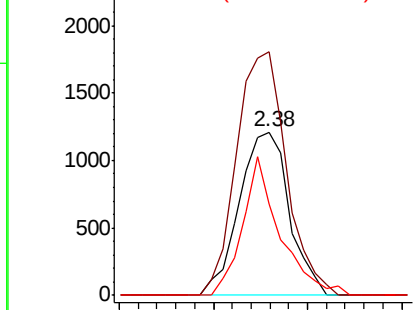
#12
 1,1-Dichloroethene
 Concen: 0.712 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX003529.D
 Acq: 21 Jul 2018 00:56

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-071218

Tgt Ion: 96 Resp: 2224
 Ion Ratio Lower Upper
 96 100
 61 149.1 137.9 206.9
 98 55.6 51.6 77.4

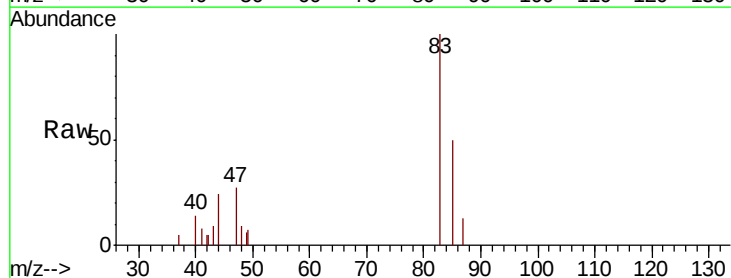


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

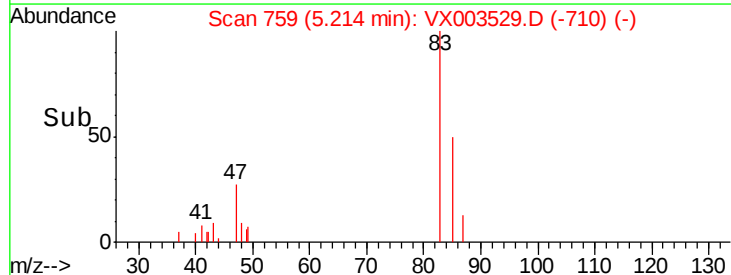
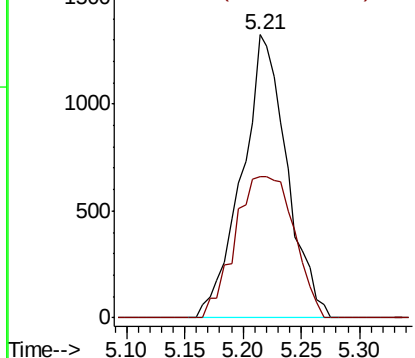


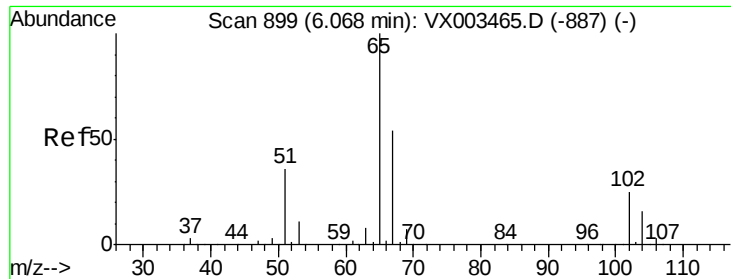
#30
 Chloroform
 Concen: 0.597 ug/l
 RT: 5.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VX003529.D
 Acq: 21 Jul 2018 00:56

Tgt Ion: 83 Resp: 3560
 Ion Ratio Lower Upper
 83 100
 85 50.0 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: 50.767 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

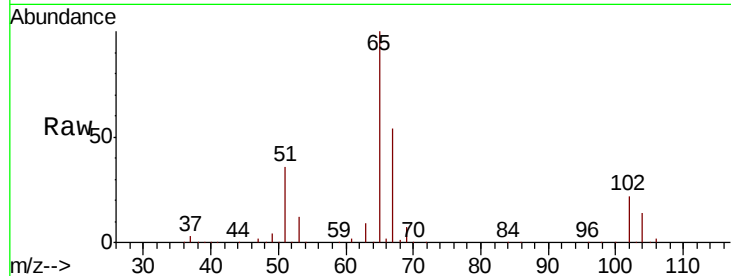
RE122D1-071218

Tgt Ion: 65 Resp: 183732

Ion Ratio Lower Upper

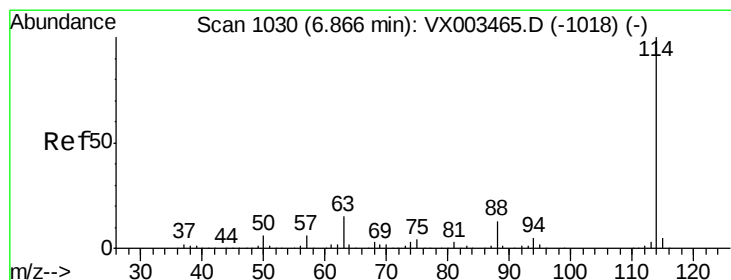
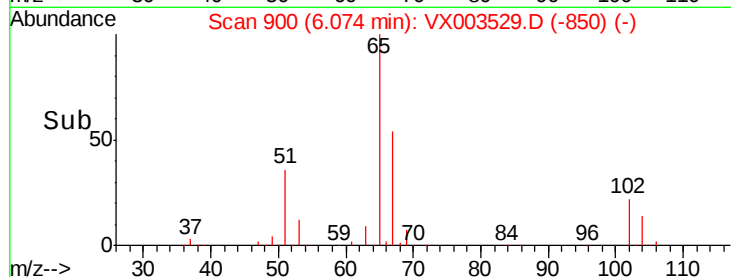
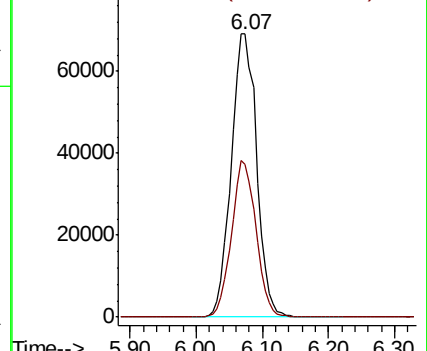
65 100

67 53.4 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

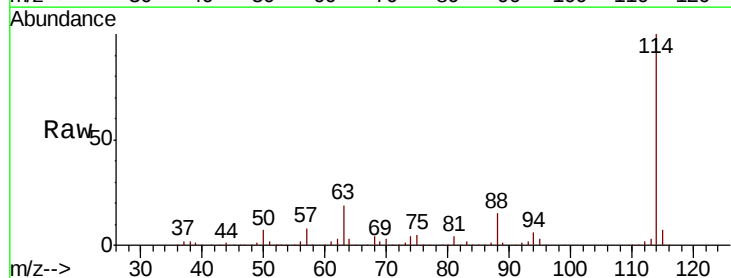
Tgt Ion: 114 Resp: 427510

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

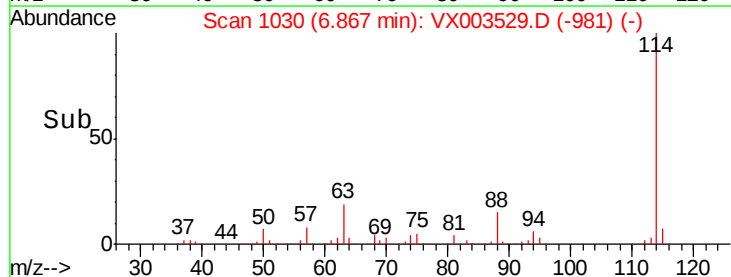
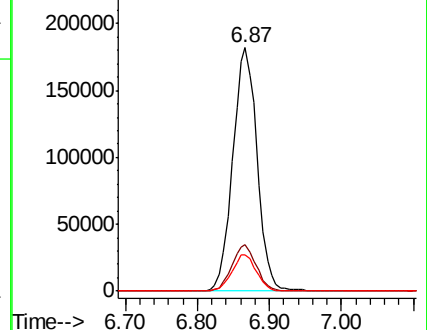
88 14.9 0.0 30.0

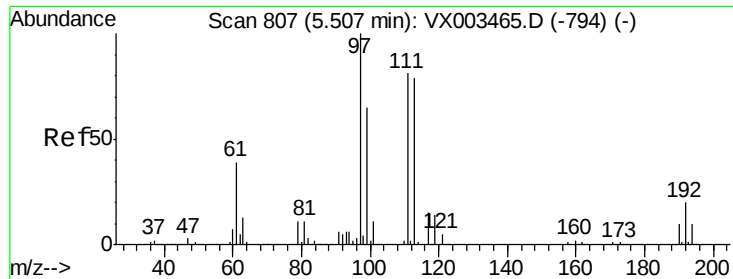


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

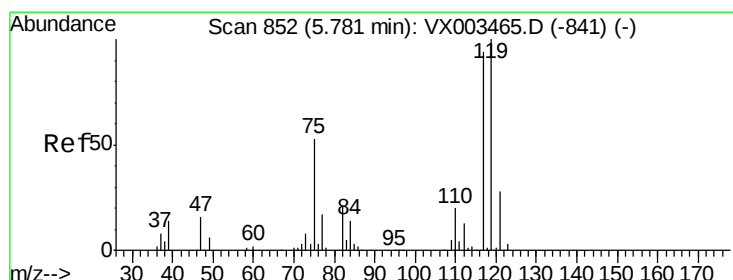
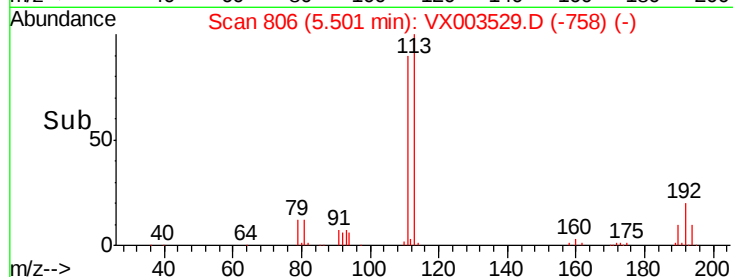
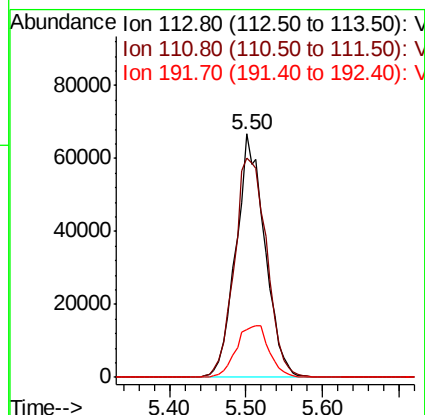
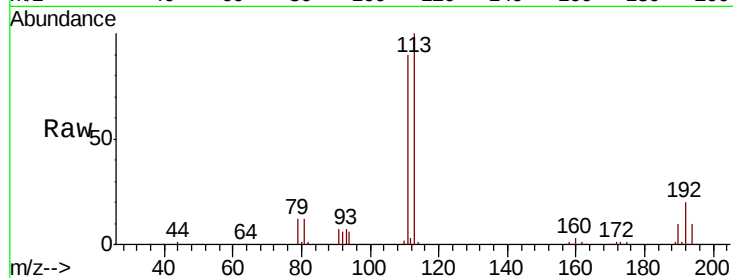




#35
 Dibromofluoromethane
 Concen: 53.549 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003529.D
 Acq: 21 Jul 2018 00:56

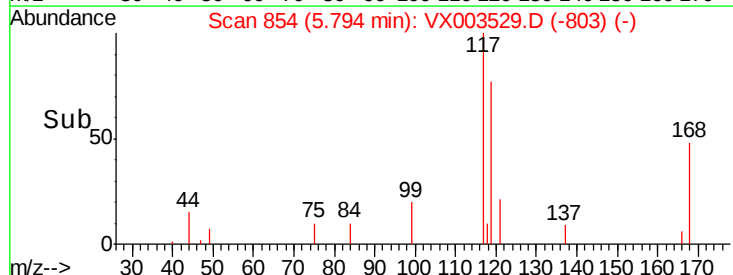
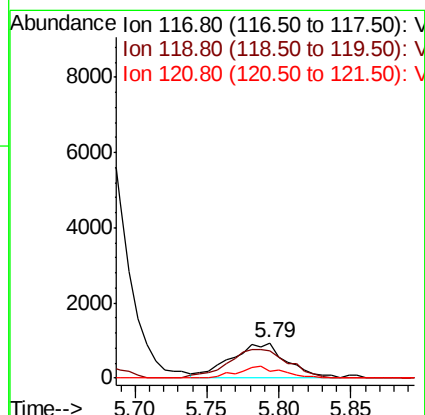
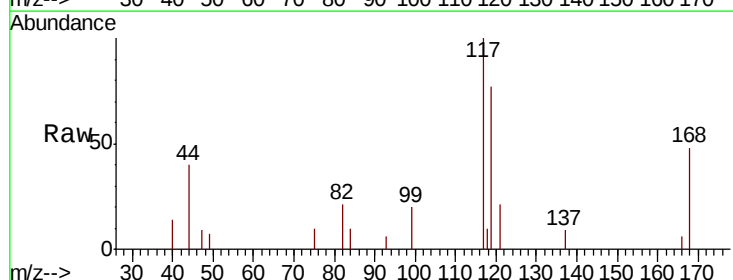
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-071218

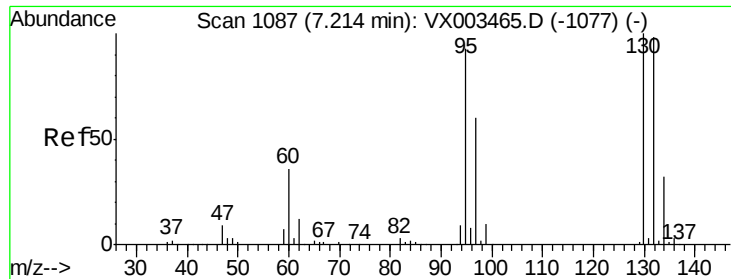
Tgt Ion:113 Resp: 174369
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.4 122.0
 192 24.0 19.1 28.7



#38
 Carbon Tetrachloride
 Concen: 0.550 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: VX003529.D
 Acq: 21 Jul 2018 00:56

Tgt Ion:117 Resp: 2492
 Ion Ratio Lower Upper
 117 100
 119 77.1 77.4 116.0#
 121 20.8 24.4 36.6#





#44

Trichloroethene

Concen: 285.209 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

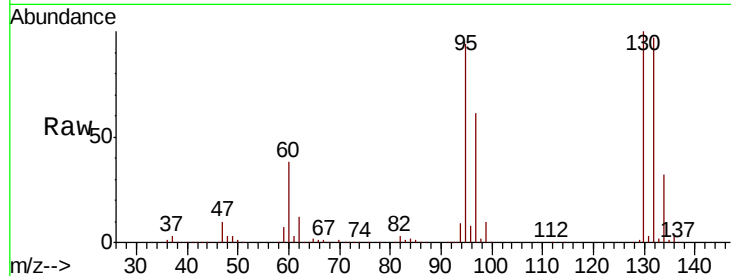
RE122D1-071218

Tgt Ion:130 Resp: 1185334

Ion Ratio Lower Upper

130 100

95 94.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

600000

500000

400000

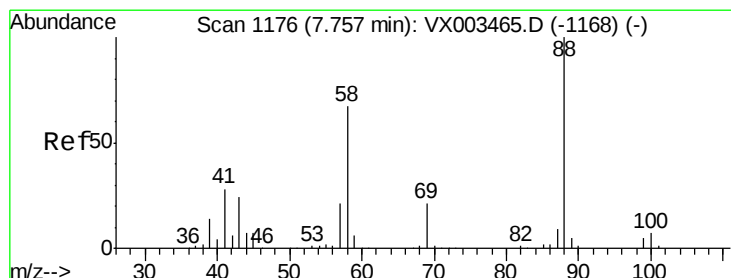
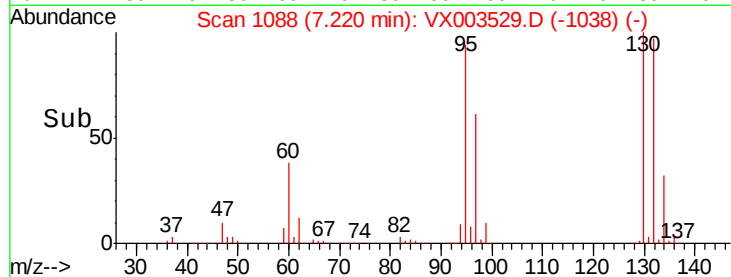
300000

200000

100000

0

Time-->



#49

1,4-Dioxane

Concen: 13.906 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

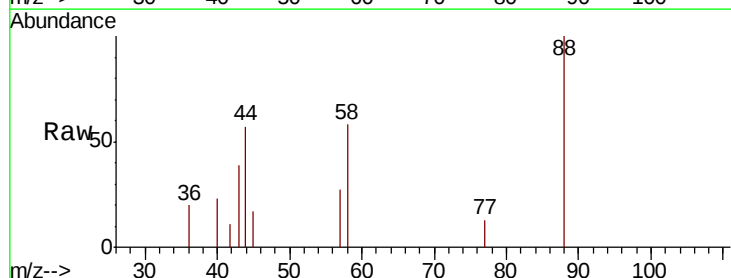
Tgt Ion: 88 Resp: 1104

Ion Ratio Lower Upper

88 100

43 66.3 29.8 44.6#

58 66.0 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

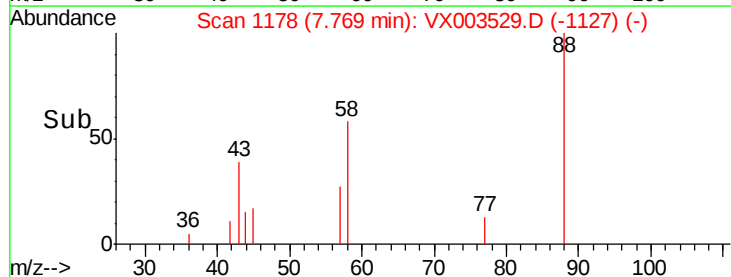
600

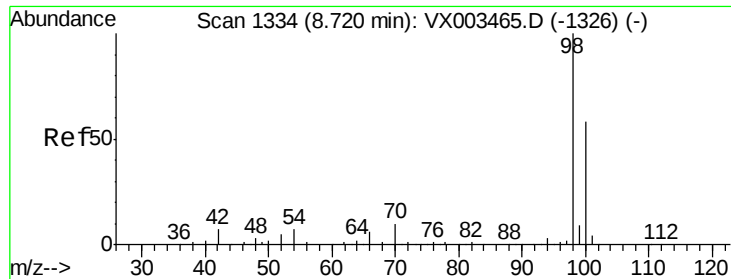
400

200

0

Time-->





#50

Toluene-d8

Concen: 49.611 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

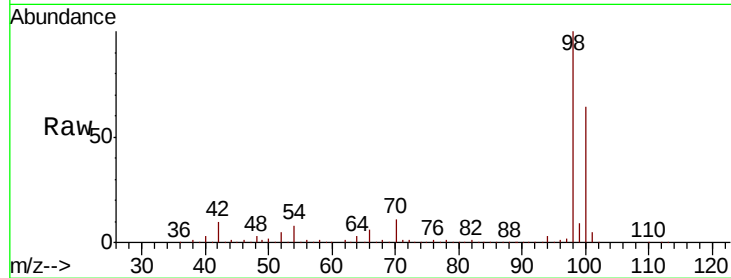
RE122D1-071218

Tgt Ion: 98 Resp: 607183

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): V

8.72

400000

300000

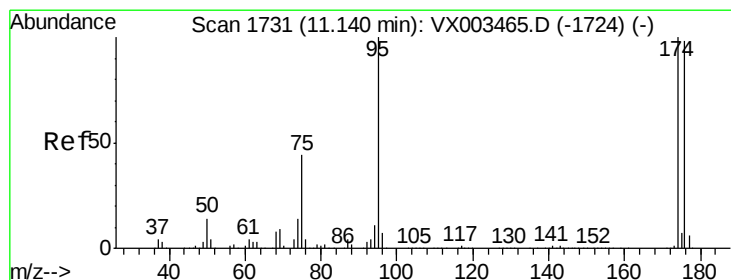
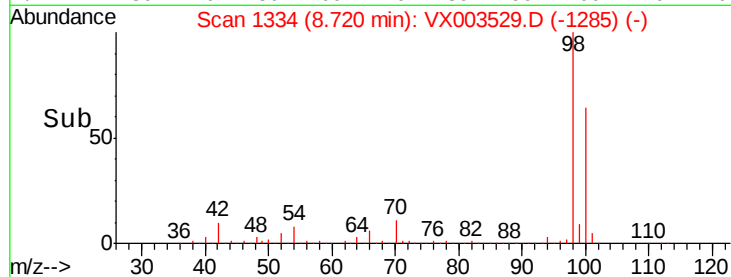
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 46.884 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

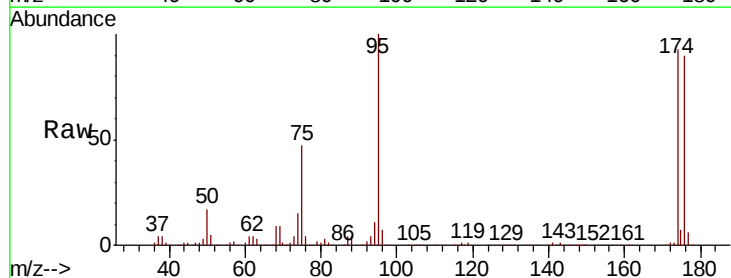
Tgt Ion: 95 Resp: 209407

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

176 92.8 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

11.14

200000

150000

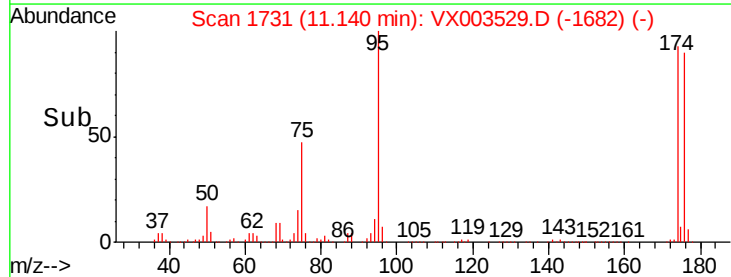
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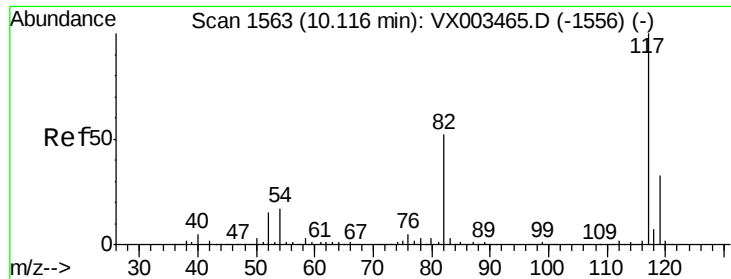
50000

0

11.10 11.20

Time-->

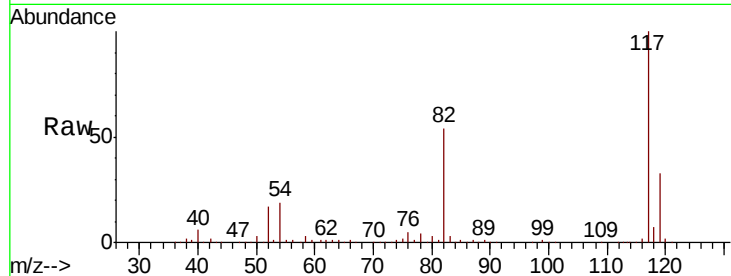




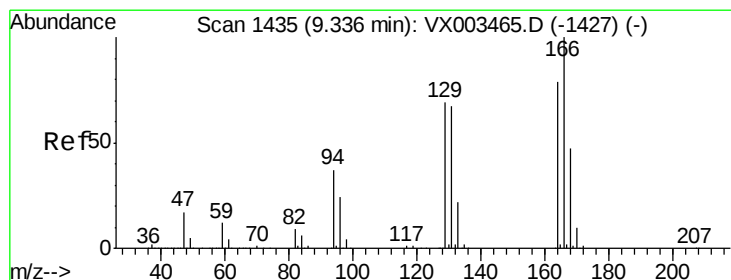
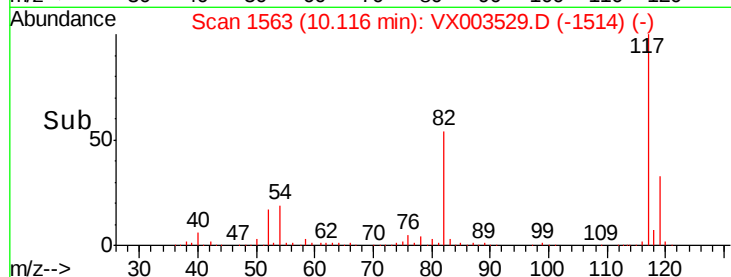
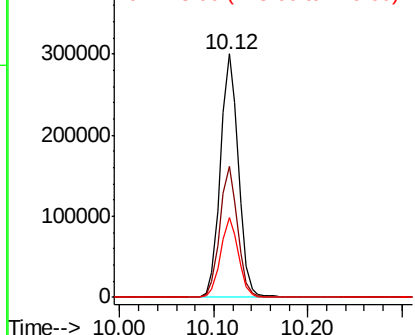
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-071218

Tgt Ion:117 Resp: 399466
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.9 25.8 38.6

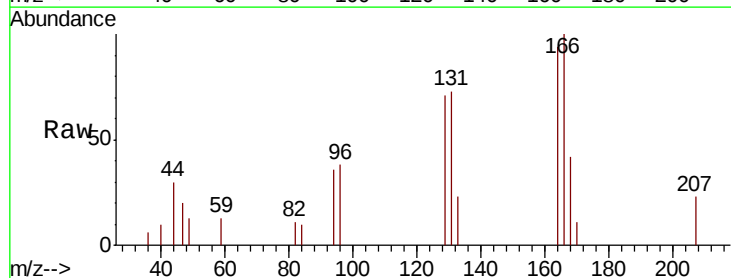


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

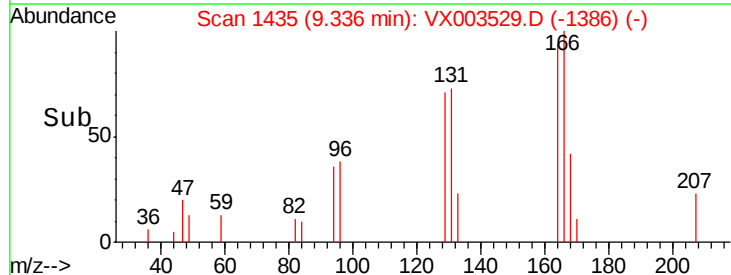
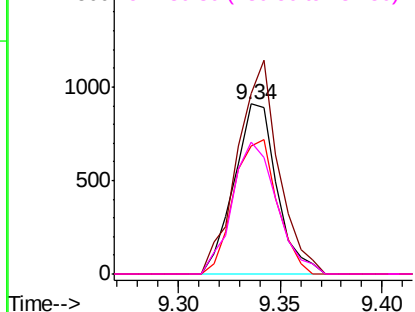


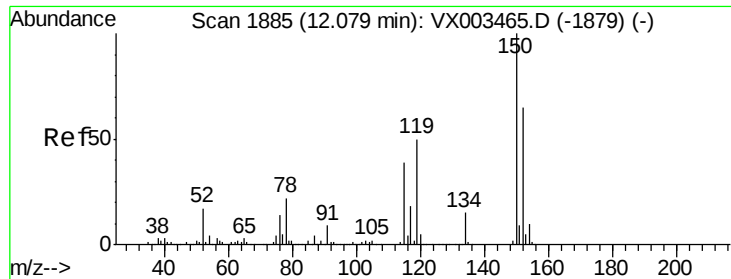
#64
Tetrachloroethene
Concen: 0.272 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

Tgt Ion:164 Resp: 1325
Ion Ratio Lower Upper
164 100
166 106.7 102.9 154.3
129 75.3 68.6 102.8
131 77.8 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: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003529.D

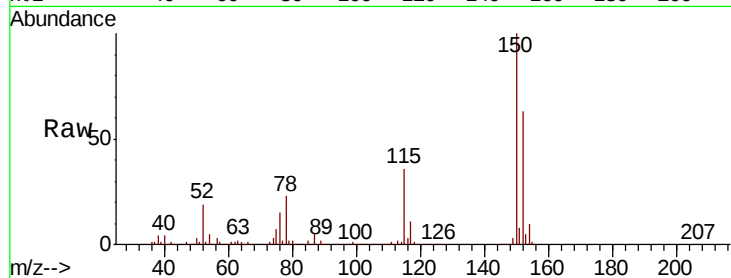
Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-071218



Tgt Ion:152 Resp: 222541

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

150 156.9 0.0 347.2

