

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015261.D
 Acq On : 13 Mar 2020 15:43
 Operator : JC/SP
 Sample : L1903-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20200309

Quant Time: Mar 16 09:23:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	251654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	397210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	383983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	198494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142676	47.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.58%	
35) Dibromofluoromethane	5.49	113	120805	48.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	487013	51.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	180234	53.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.02%	

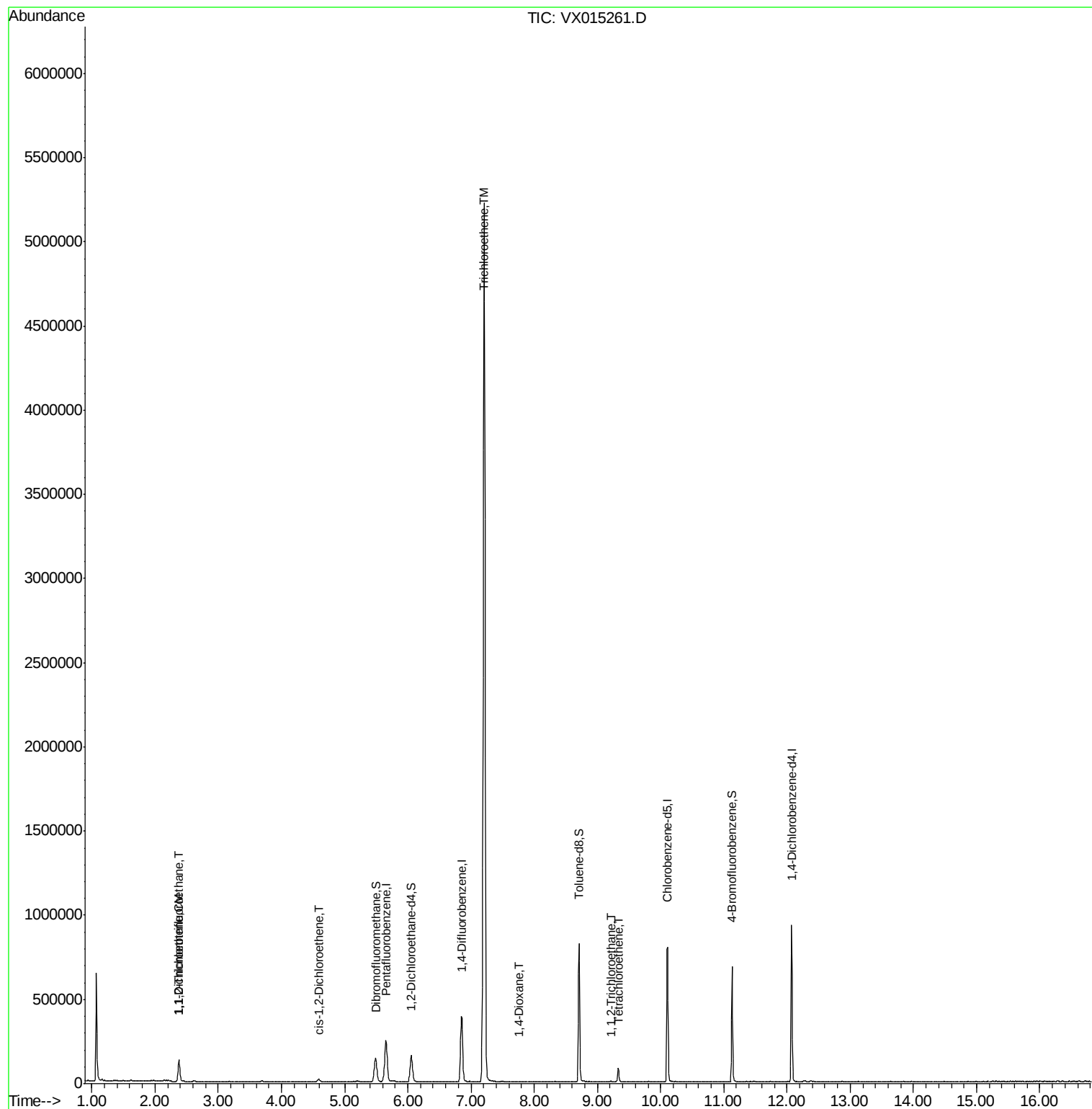
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50596	21.352	ug/l	98
12) 1,1-Dichloroethene	2.37	96	6445	2.635	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	9504	3.244	ug/l	86
44) Trichloroethene	7.21	130	2058874	678.593	ug/l	98
49) 1,4-Dioxane	7.75	88	1607	24.371	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	1650	0.602	ug/l	91
64) Tetrachloroethene	9.33	164	16744	5.274	ug/l	97

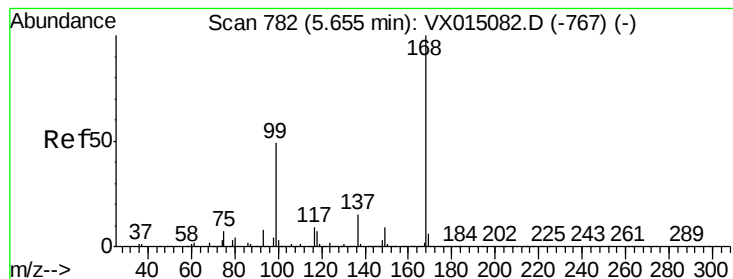
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031320\
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Instrument :
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RE120D2-20200309

Quant Time: Mar 16 09:23:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015261.D

Acq: 13 Mar 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

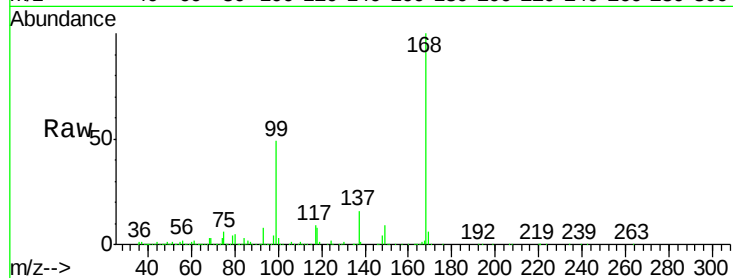
RE120D2-20200309

Tot Ion:168 Resp: 251654

Ion Ratio Lower Upper

168 100

99 49.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

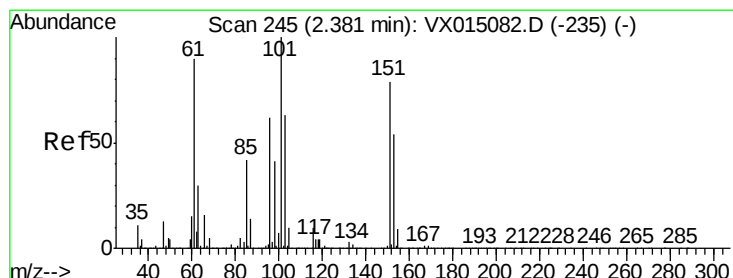
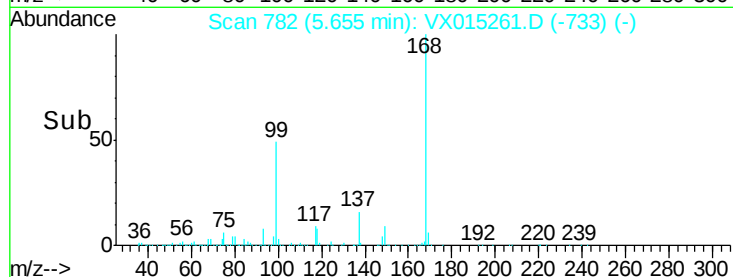
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.352 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015261.D

Acq: 13 Mar 2020 15:43

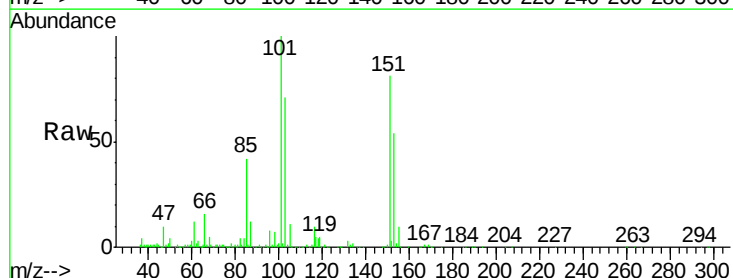
Tgt Ion:101 Resp: 50596

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

151 83.0 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

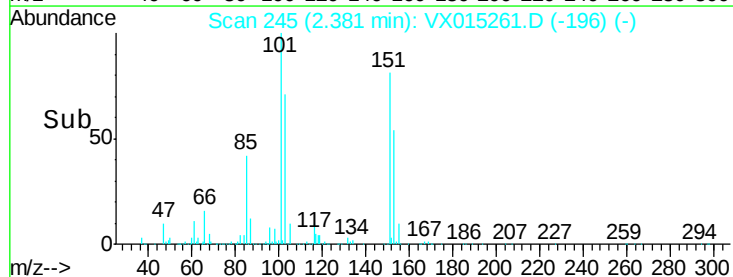
30000

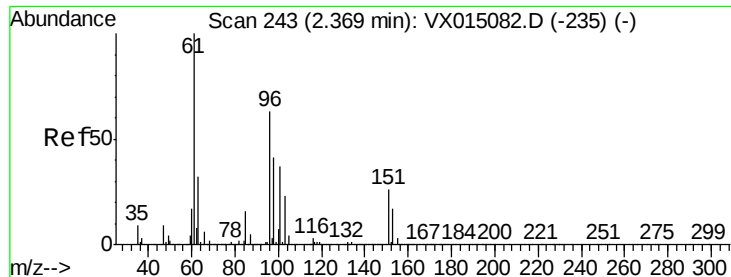
20000

10000

0

Time-->





#12

1,1-Dichloroethene

Concen: 2.635 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015261.D

Acq: 13 Mar 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20200309

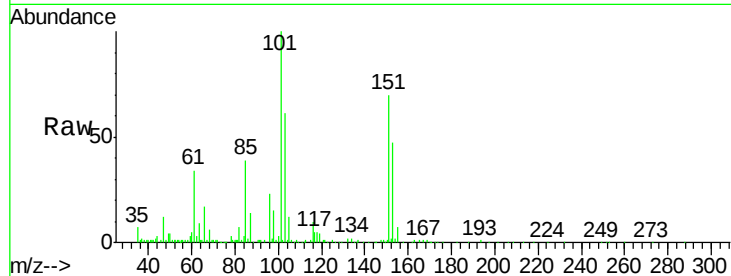
Tot Ion: 96 Resp: 6445

Ion Ratio Lower Upper

96 100

61 148.9 126.2 189.4

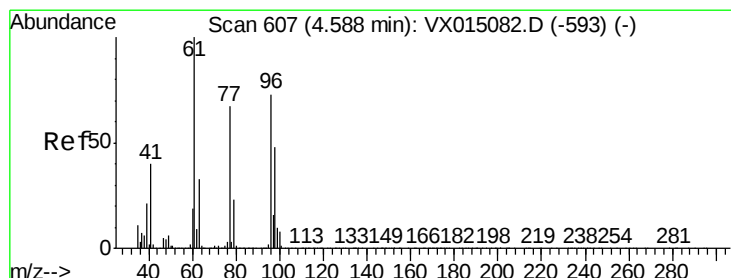
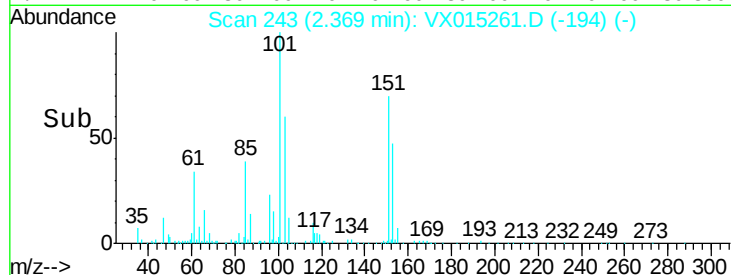
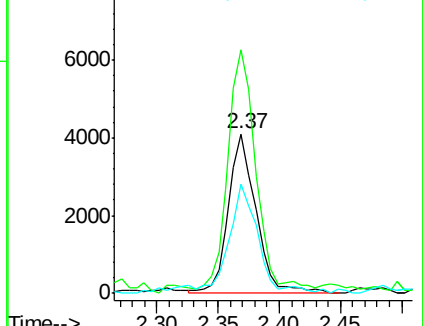
98 66.3 51.4 77.0



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



#27

cis-1,2-Dichloroethene

Concen: 3.244 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015261.D

Acq: 13 Mar 2020 15:43

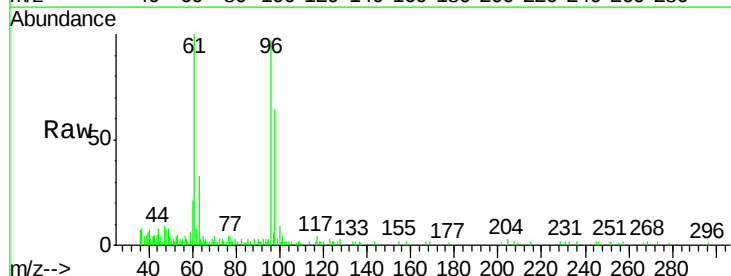
Tgt Ion: 96 Resp: 9504

Ion Ratio Lower Upper

96 100

61 124.4 0.0 286.8

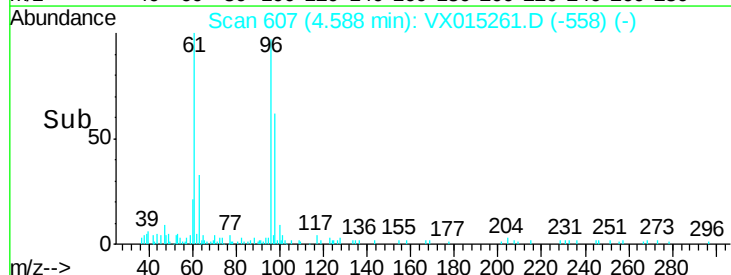
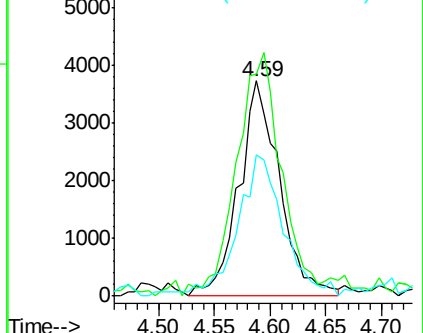
98 73.1 0.0 128.4

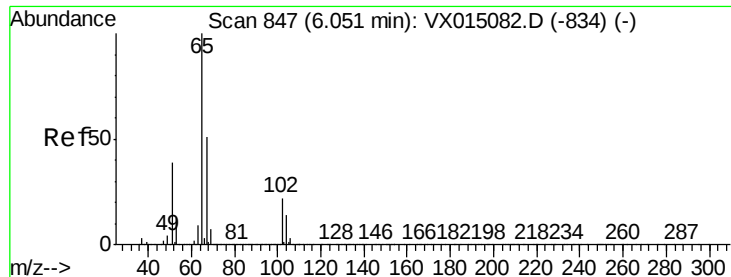


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.789 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015261.D

Acq: 13 Mar 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

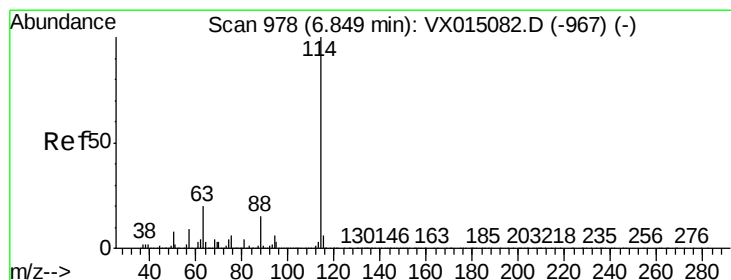
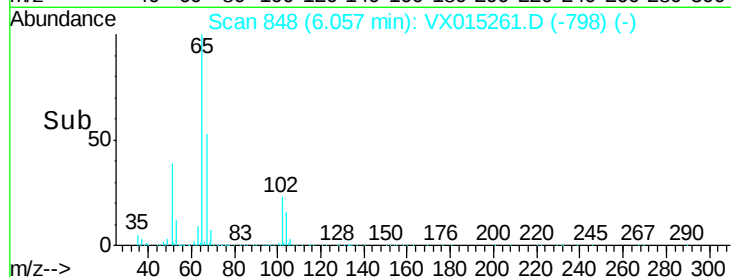
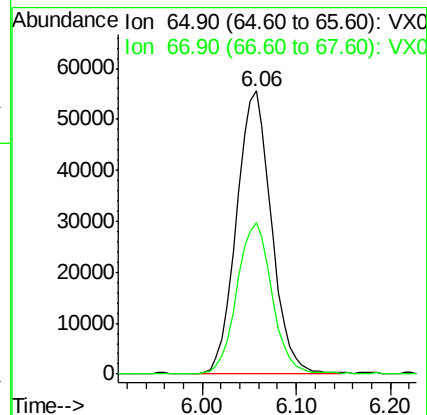
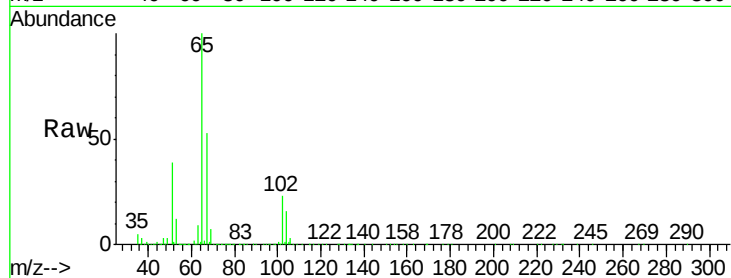
RE120D2-20200309

Tot Ion: 65 Resp: 142676

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015261.D

Acq: 13 Mar 2020 15:43

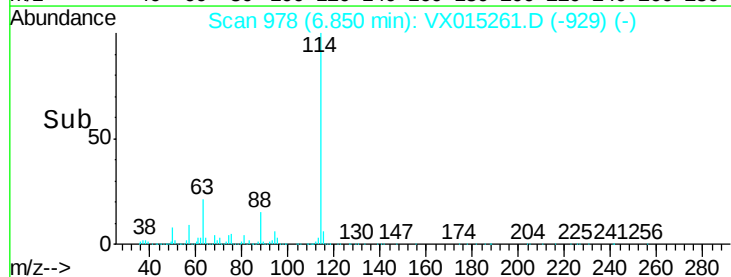
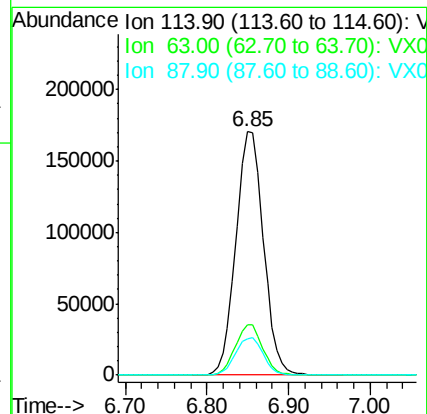
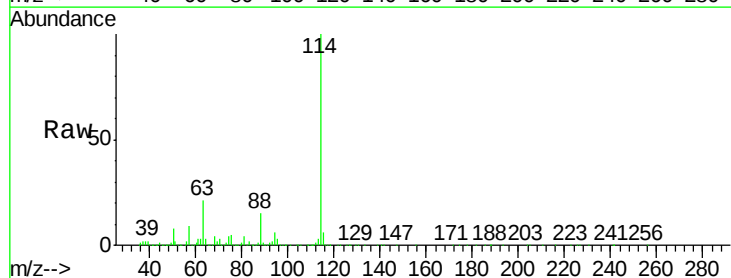
Tgt Ion: 114 Resp: 397210

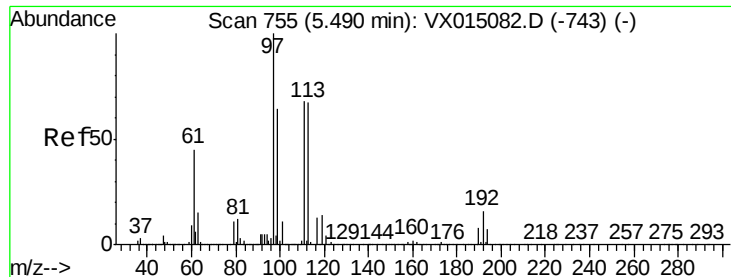
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.209 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015261.D

Acq: 13 Mar 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20200309

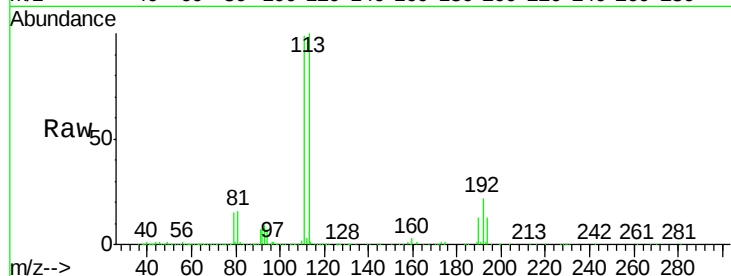
Tot Ion:113 Resp: 120805

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

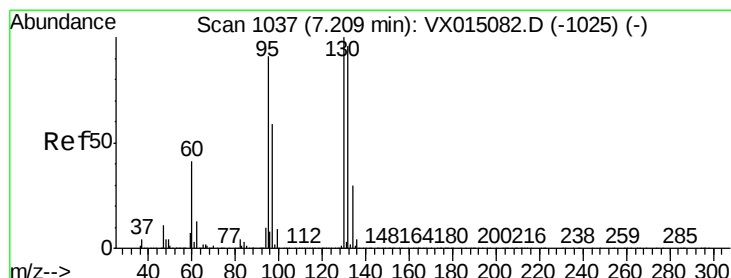
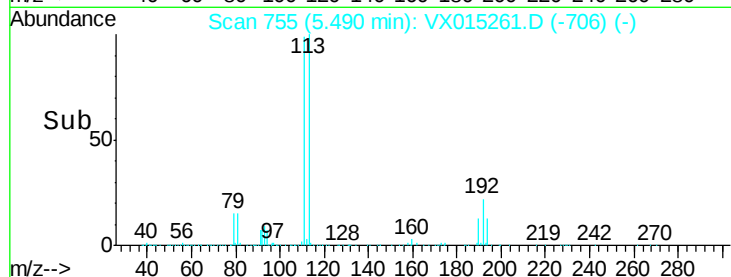
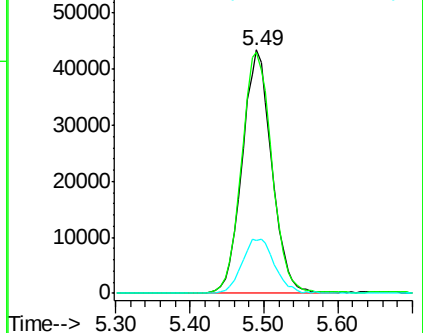
192 24.6 18.6 28.0



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



#44

Trichloroethene

Concen: 678.593 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015261.D

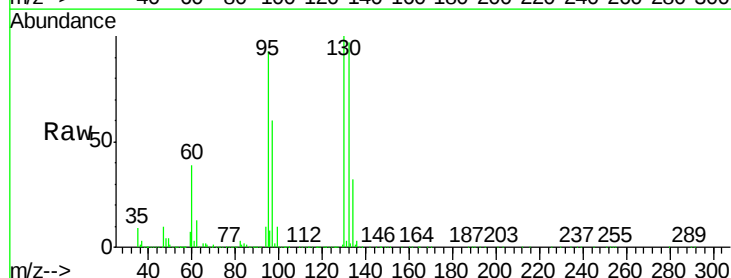
Acq: 13 Mar 2020 15:43

Tgt Ion:130 Resp: 2058874

Ion Ratio Lower Upper

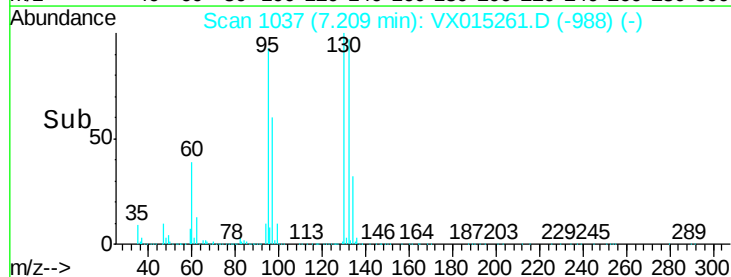
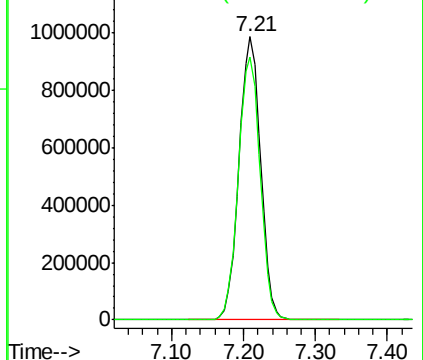
130 100

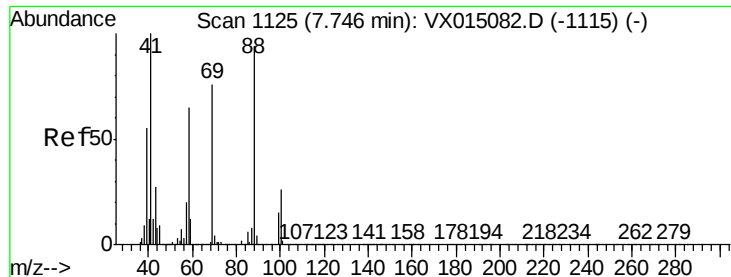
95 92.9 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

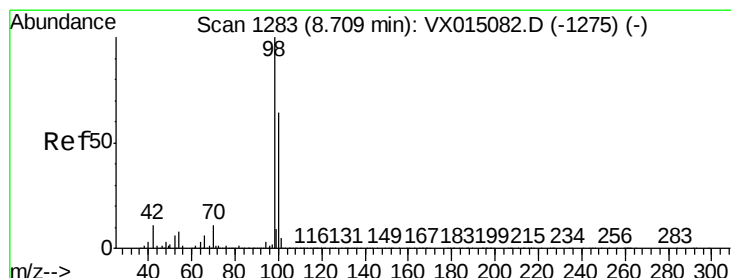
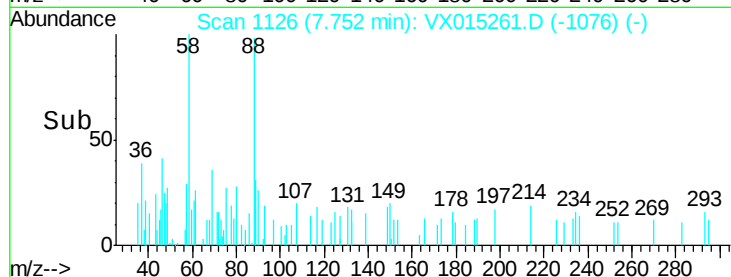
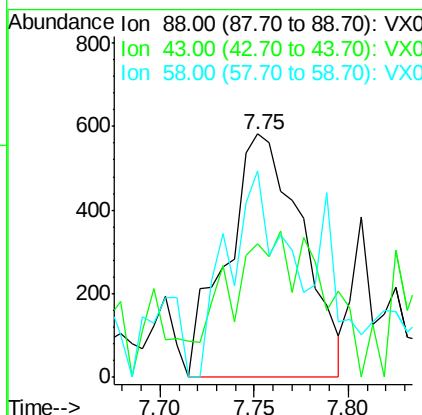
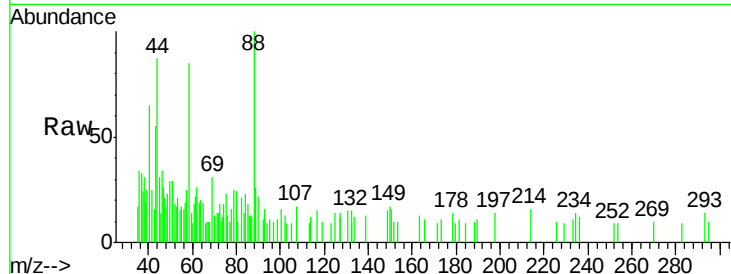




#49
1,4-Dioxane
Concen: 24.371 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VX015261.D
Acq: 13 Mar 2020 15:43

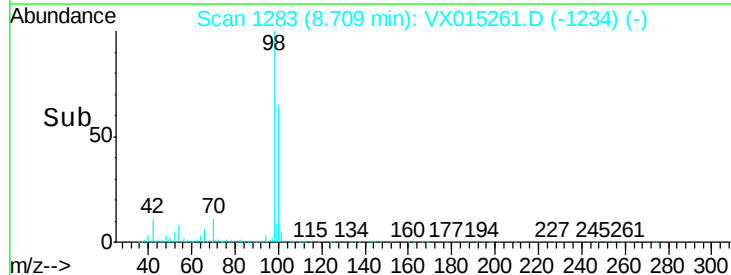
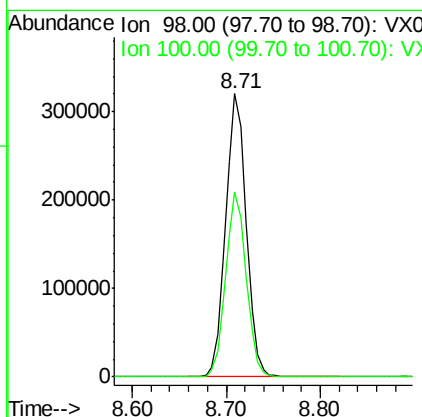
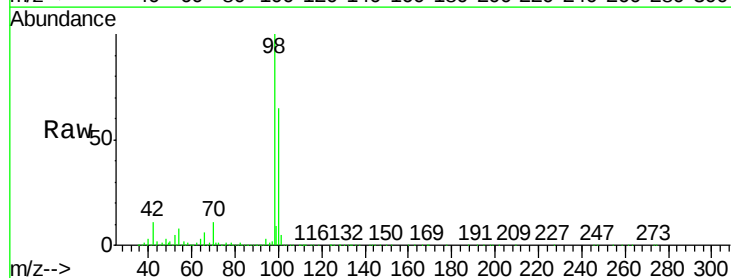
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20200309

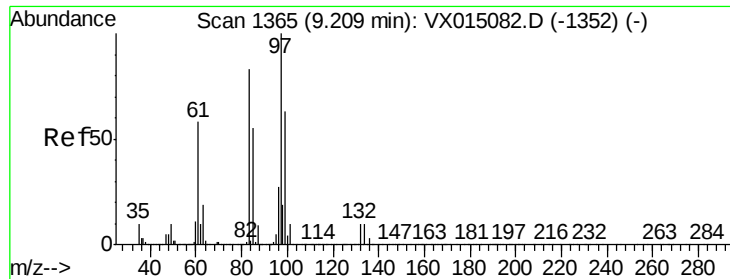
Tot Ion: 88 Resp: 1607
Ion Ratio Lower Upper
88 100
43 30.2 27.0 40.4
58 64.7 55.6 83.4



#50
Toluene-d8
Concen: 51.092 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015261.D
Acq: 13 Mar 2020 15:43

Tgt Ion: 98 Resp: 487013
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6





#55

1,1,2-Trichloroethane

Concen: 0.602 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX015261.D

Acq: 13 Mar 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20200309

Tot Ion: 97 Resp: 1650

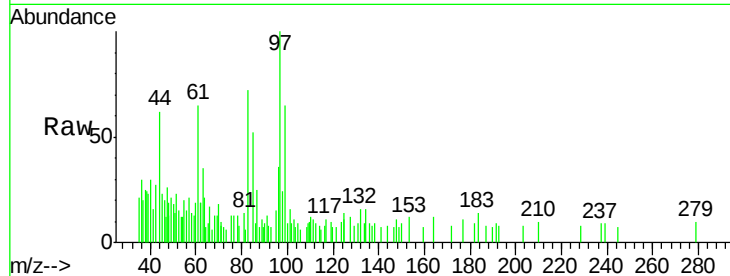
Ion Ratio Lower Upper

97 100

83 72.3 66.4 99.6

85 44.5 43.5 65.3

99 65.0 50.7 76.1

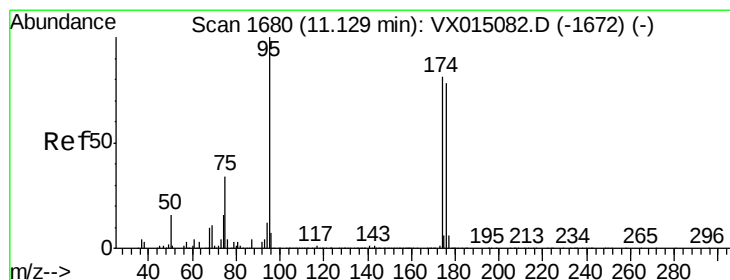
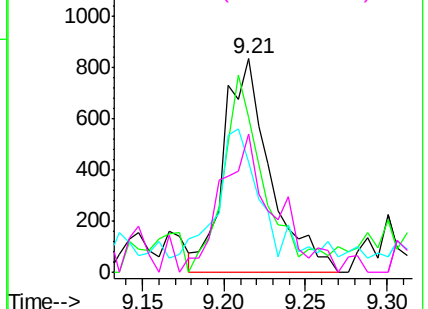
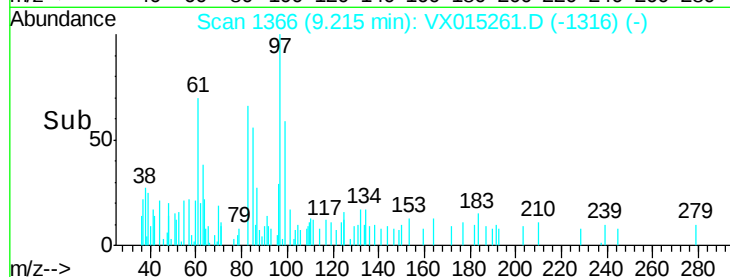


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#62

4-Bromofluorobenzene

Concen: 53.011 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015261.D

Acq: 13 Mar 2020 15:43

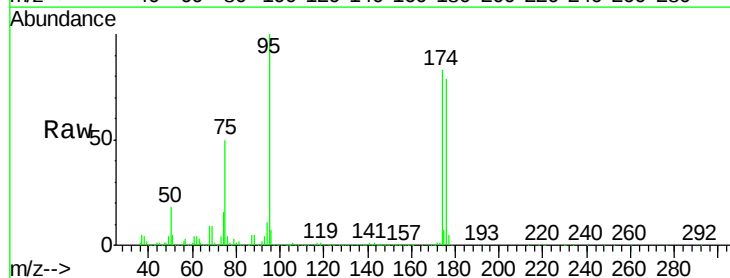
Tgt Ion: 95 Resp: 180234

Ion Ratio Lower Upper

95 100

174 92.3 0.0 177.6

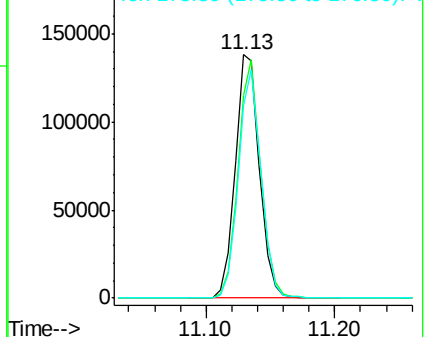
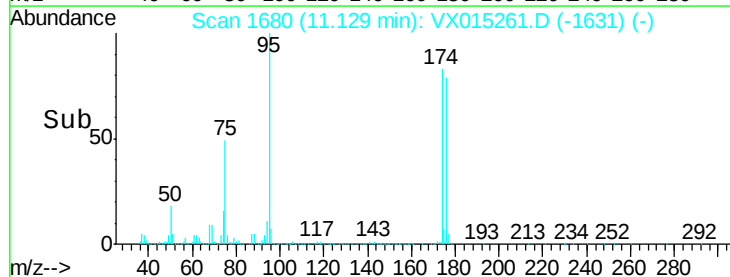
176 87.8 0.0 170.2

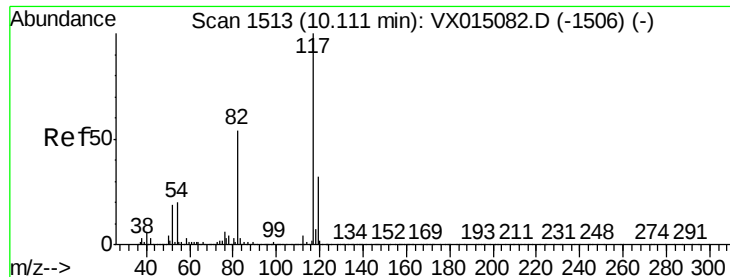


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

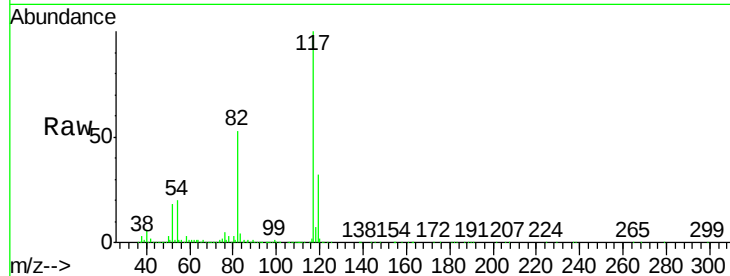




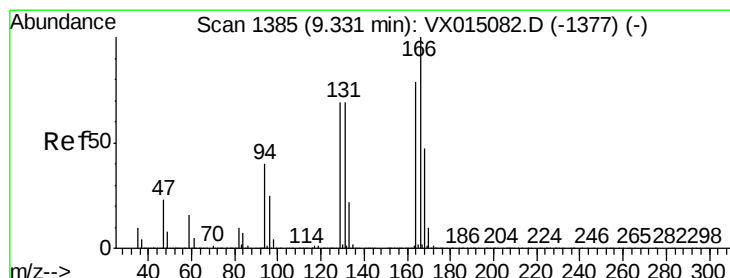
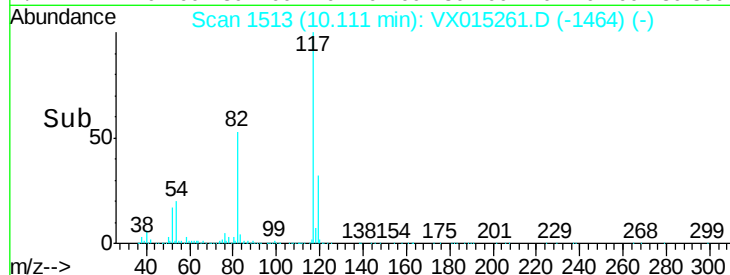
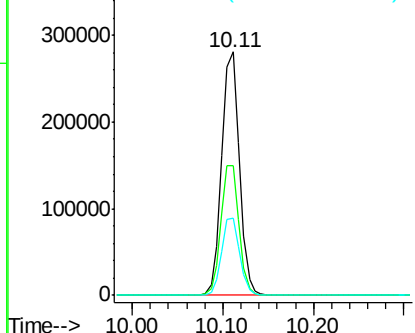
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015261.D
Acq: 13 Mar 2020 15:43

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20200309

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.3	64.9
119	31.8	25.8	38.8



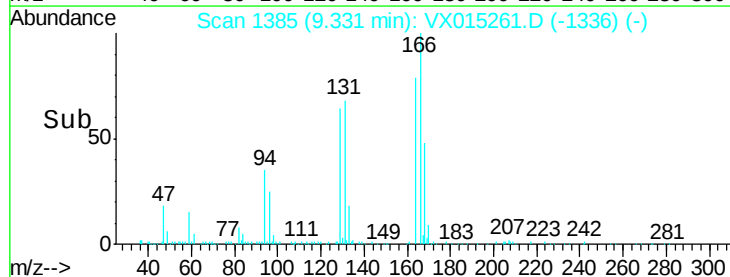
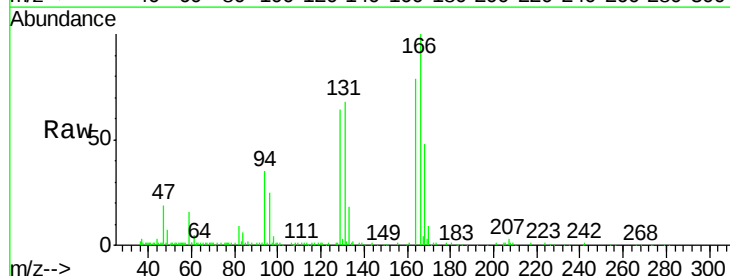
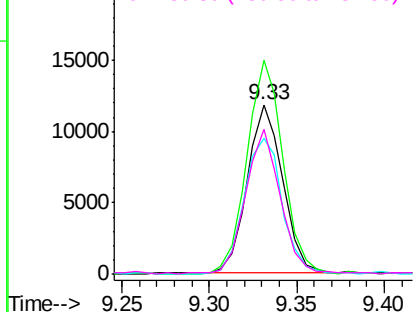
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

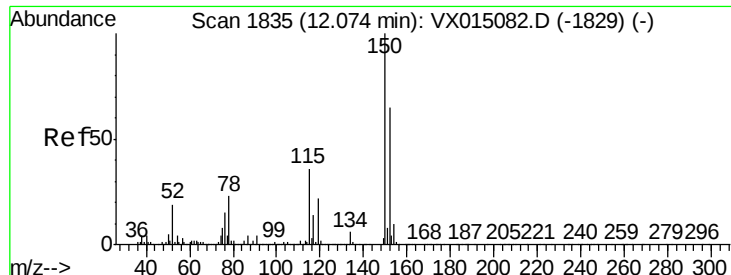


#64
Tetrachloroethene
Concen: 5.274 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015261.D
Acq: 13 Mar 2020 15:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.1	151.7
129	80.8	69.4	104.0
131	85.5	69.8	104.8

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015261.D

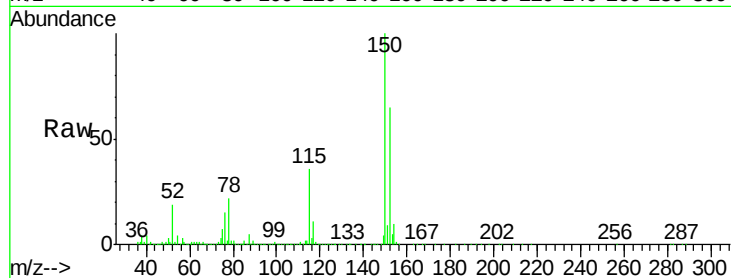
Acq: 13 Mar 2020 15:43

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20200309



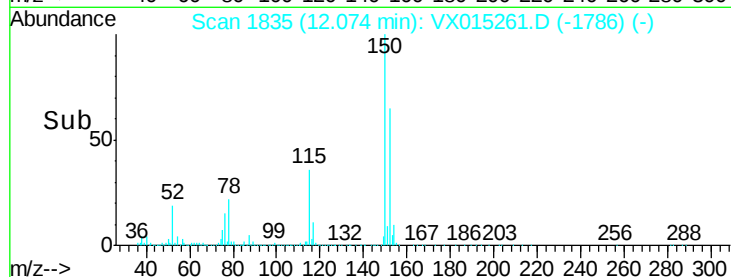
Tot Ion:152 Resp: 198494

Ion Ratio Lower Upper

152 100

115 55.4 38.2 114.6

150 154.5 0.0 343.8



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

