

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015263.D
 Acq On : 13 Mar 2020 16:28
 Operator : JC/SP
 Sample : L1903-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20200310

Quant Time: Mar 16 09:26:34 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

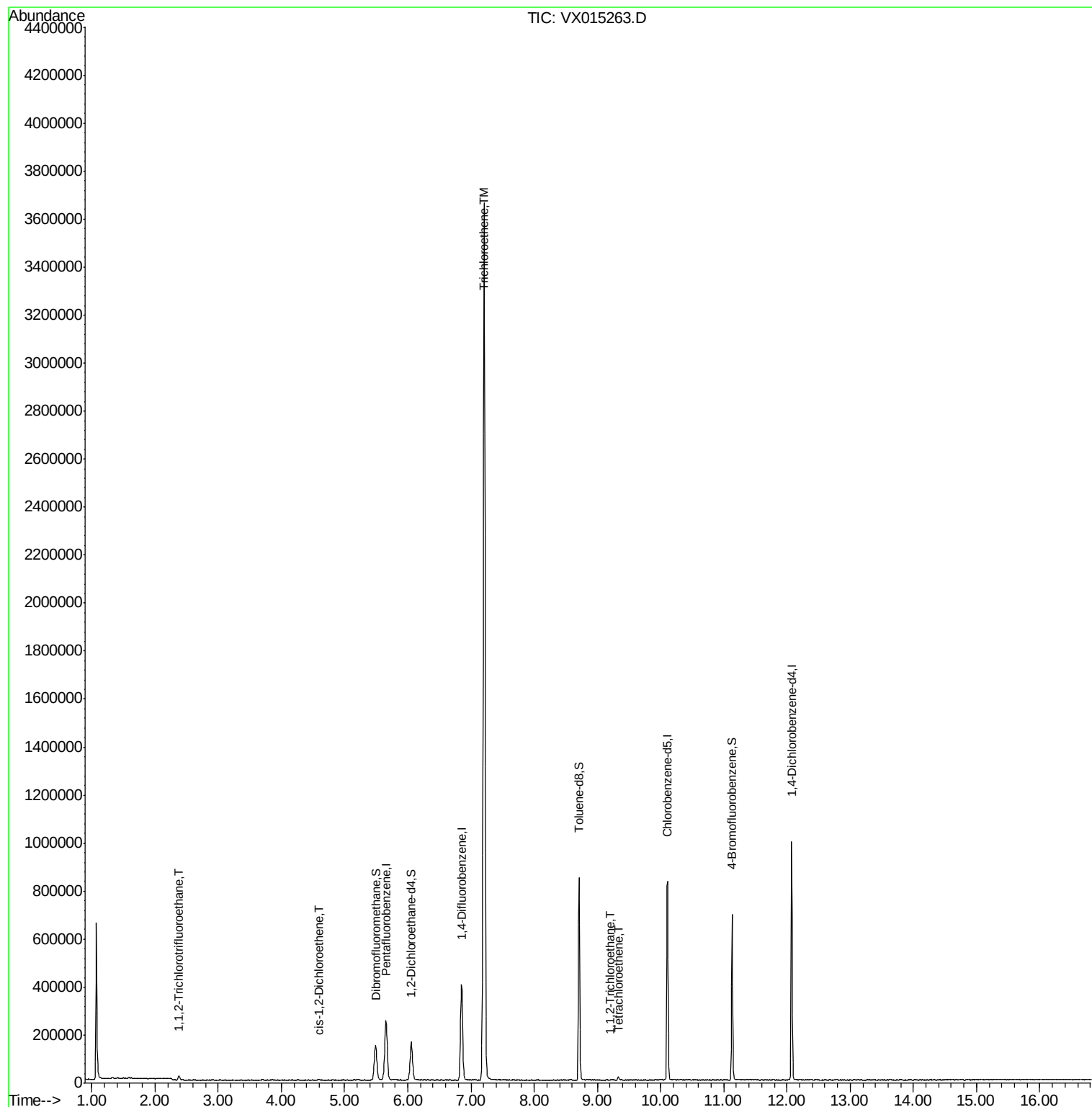
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	255582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	406209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	400592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	205622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	146580	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	126284	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	8.71	98	496830	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.13	95	185454	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6636	2.757	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	2248	0.756	ug/l	84
44) Trichloroethene	7.21	130	1444075	465.414	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	1300	0.464	ug/l #	80
64) Tetrachloroethene	9.33	164	2628	0.793	ug/l	90

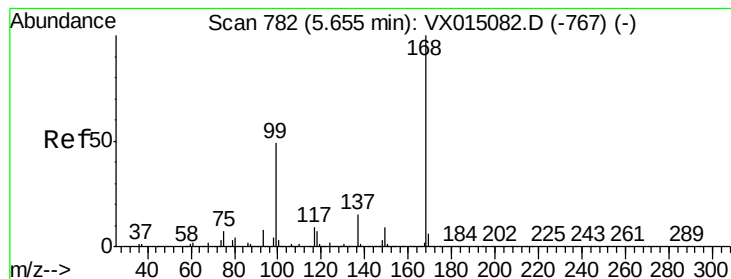
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015263.D

Acq: 13 Mar 2020 16:28

Instrument :

MSVOA_X

ClientSampleId :

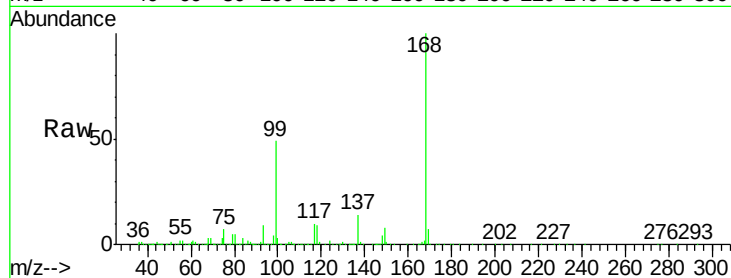
RE103D2-20200310

Tot Ion:168 Resp: 255582

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

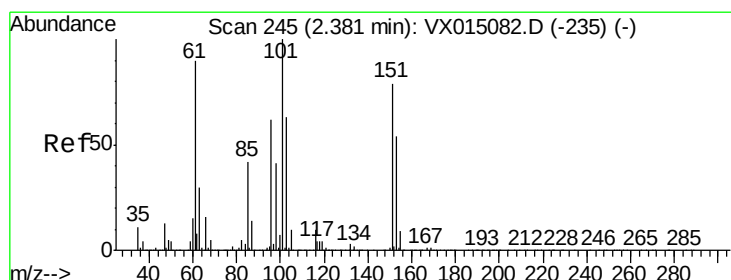
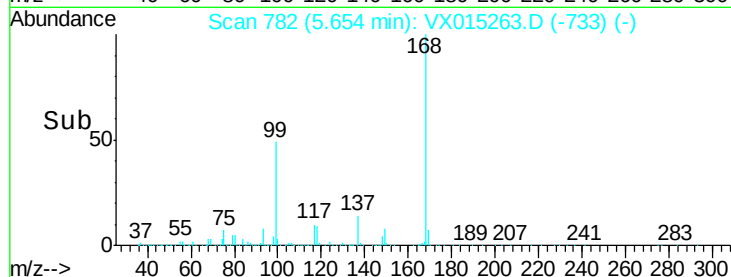
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.757 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015263.D

Acq: 13 Mar 2020 16:28

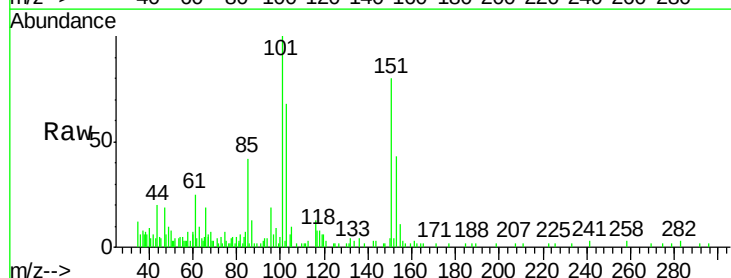
Tgt Ion:101 Resp: 6636

Ion Ratio Lower Upper

101 100

85 43.3 33.7 50.5

151 86.9 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

4000

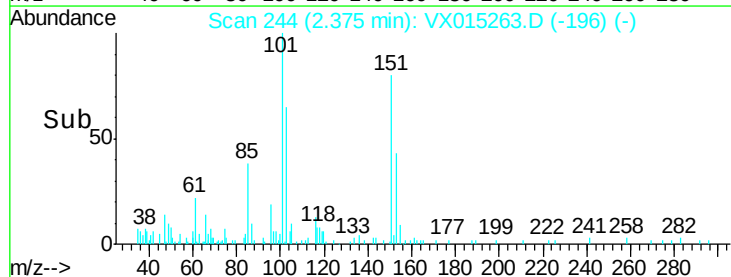
3000

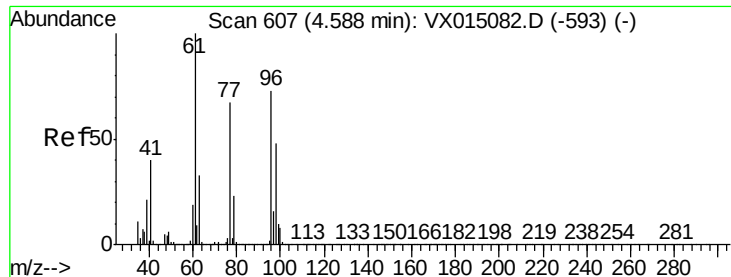
2000

1000

0

Time-->



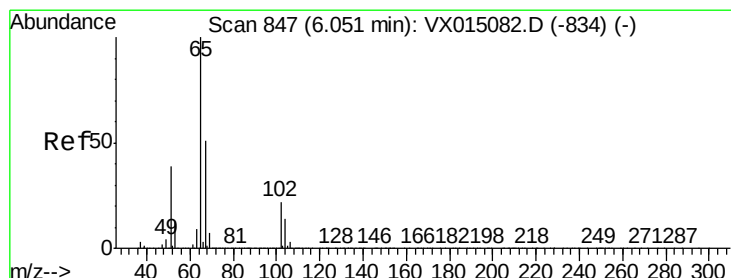
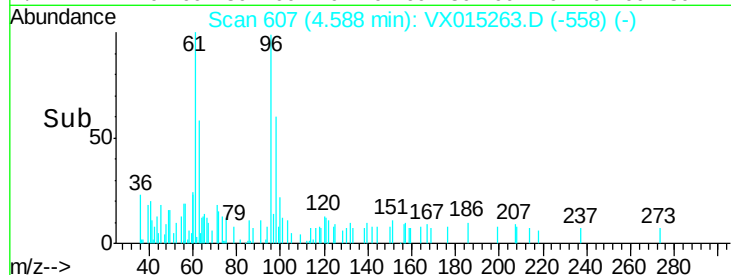
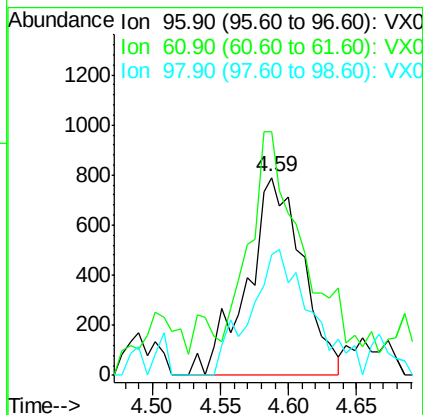
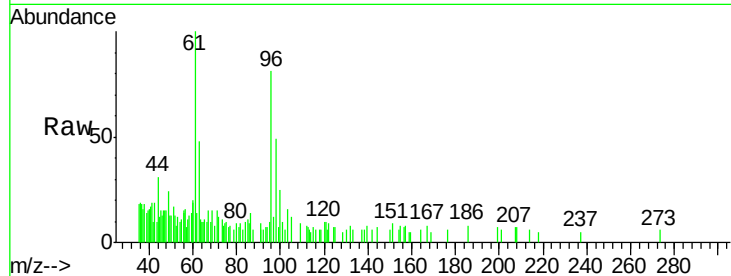


#27

cis-1,2-Dichloroethene
Concen: 0.756 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015263.D
Acq: 13 Mar 2020 16:28

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20200310

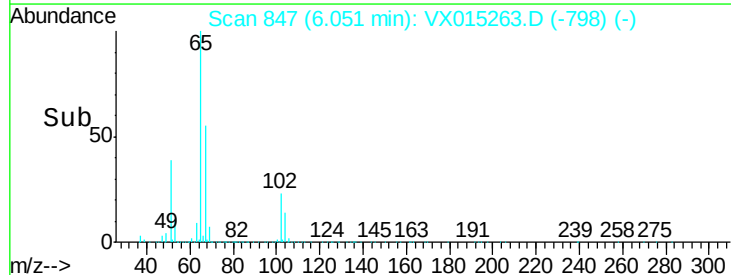
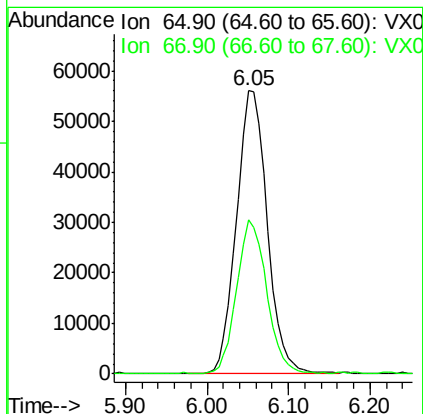
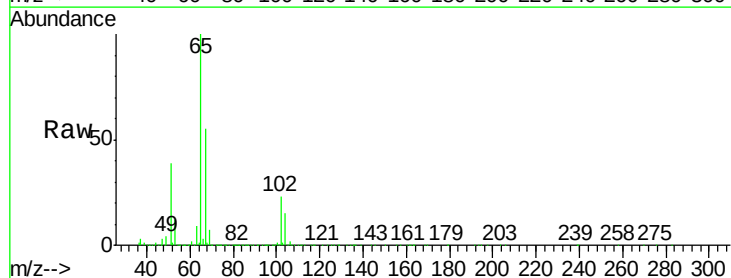
Tot Ion: 96 Resp: 2248
Ion Ratio Lower Upper
96 100
61 117.9 0.0 286.8
98 69.8 0.0 128.4

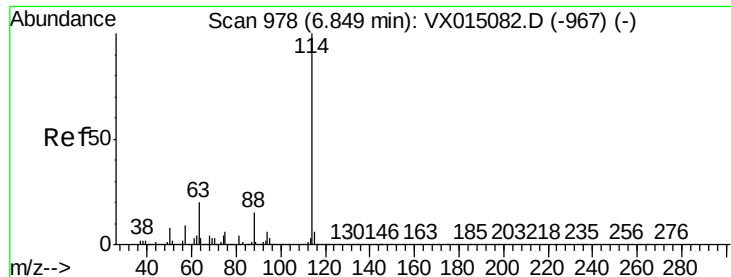


#33

1,2-Dichloroethane-d4
Concen: 48.342 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX015263.D
Acq: 13 Mar 2020 16:28

Tgt Ion: 65 Resp: 146580
Ion Ratio Lower Upper
65 100
67 53.3 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: VX015263.D

Acq: 13 Mar 2020 16:28

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20200310

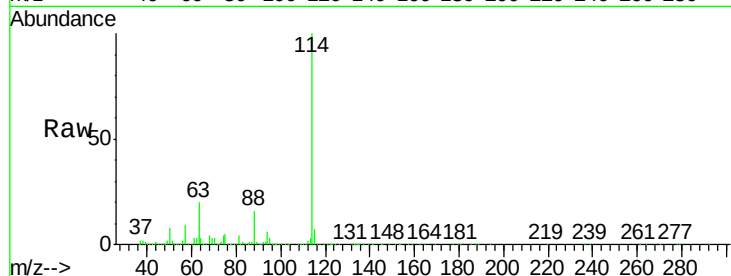
Tot Ion:114 Resp: 406209

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

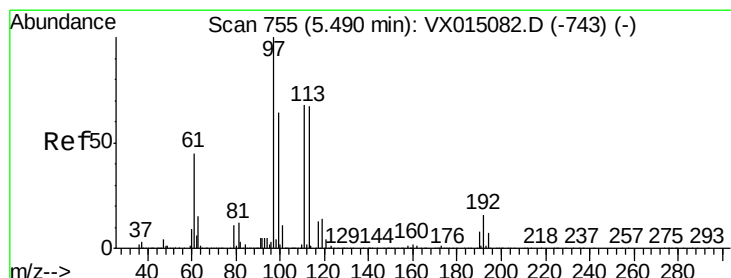
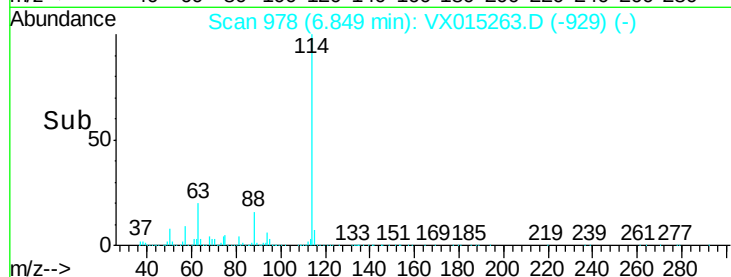
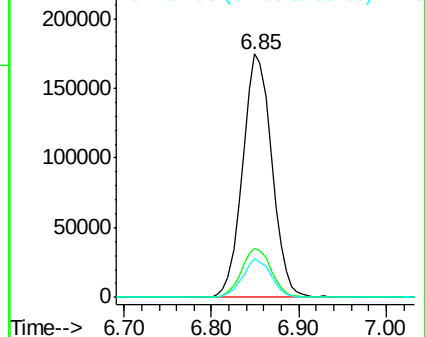
88 16.1 0.0 30.6



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: 49.279 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015263.D

Acq: 13 Mar 2020 16:28

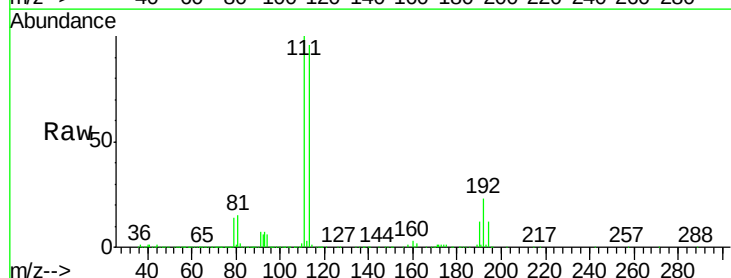
Tgt Ion:113 Resp: 126284

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

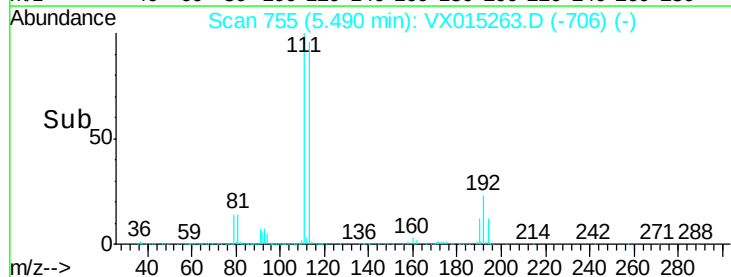
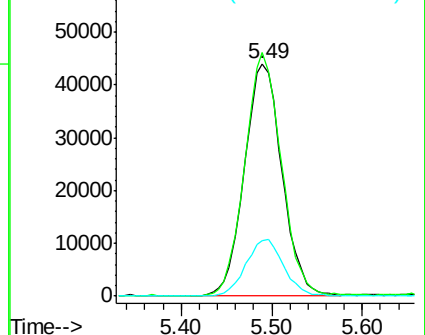
192 24.6 18.6 28.0

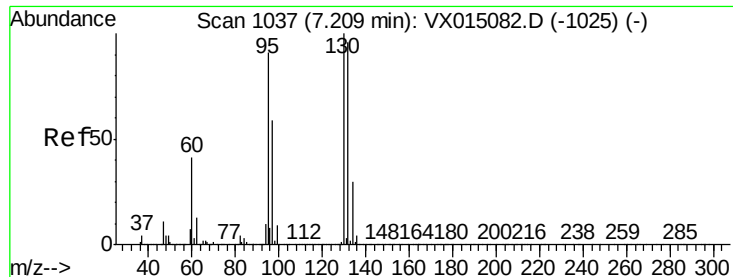


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 465.414 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015263.D

Acq: 13 Mar 2020 16:28

Instrument :

MSVOA_X

ClientSampleId :

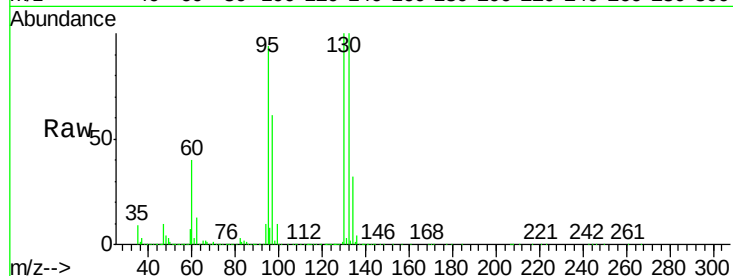
RE103D2-20200310

Tot Ion:130 Resp: 1444075

Ion Ratio Lower Upper

130 100

95 93.9 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

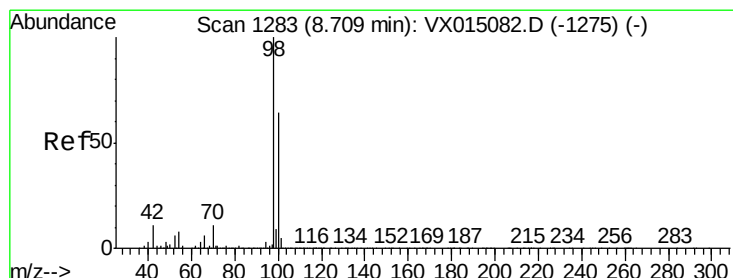
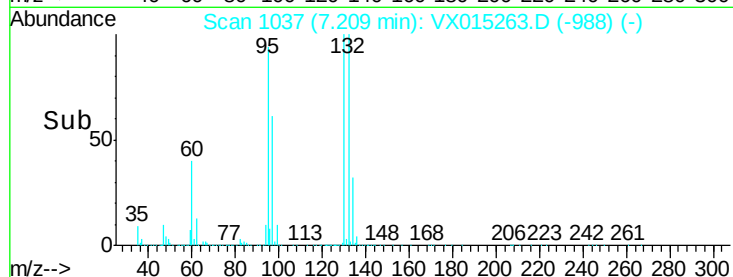
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: 50.968 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015263.D

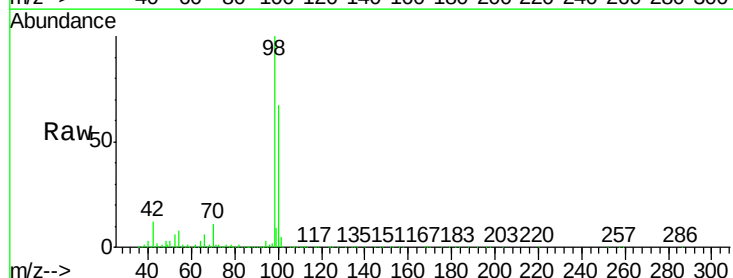
Acq: 13 Mar 2020 16:28

Tgt Ion: 98 Resp: 496830

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

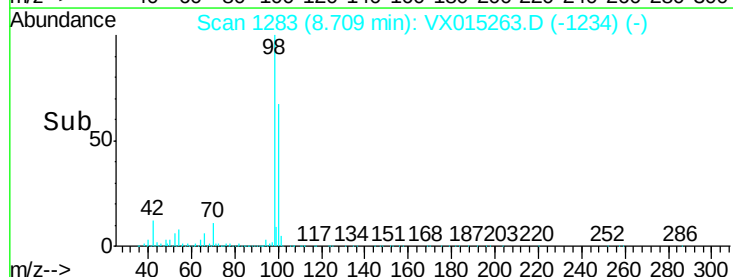
300000

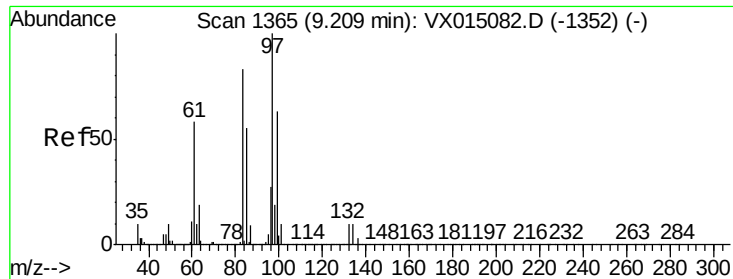
200000

100000

0

Time-->

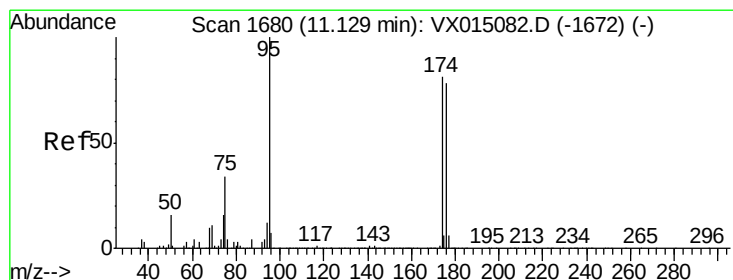
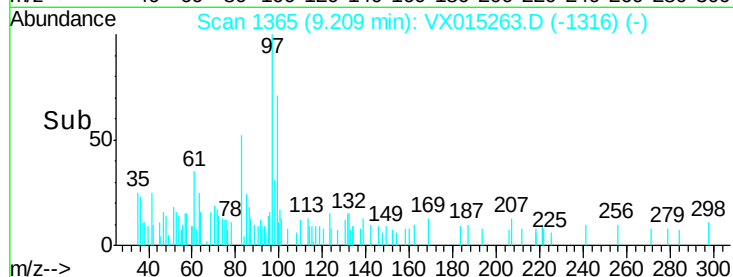
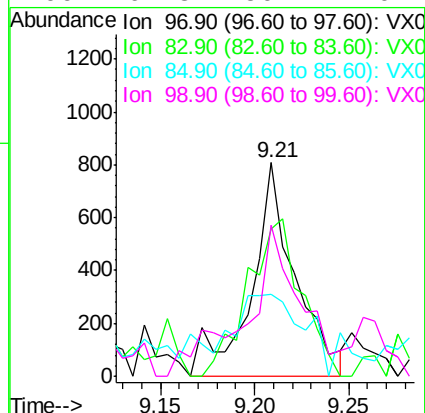
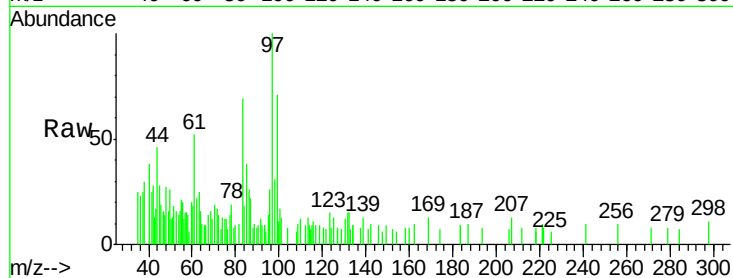




#55
 1,1,2-Trichloroethane
 Concen: 0.464 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015263.D
 Acq: 13 Mar 2020 16:28

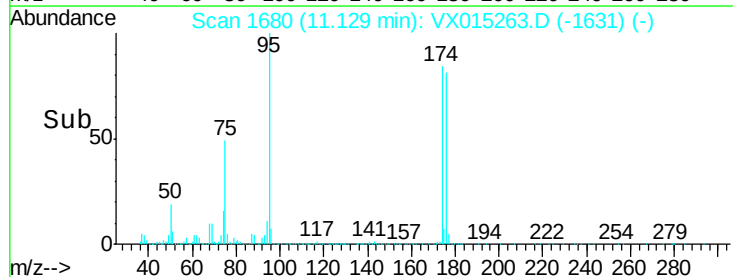
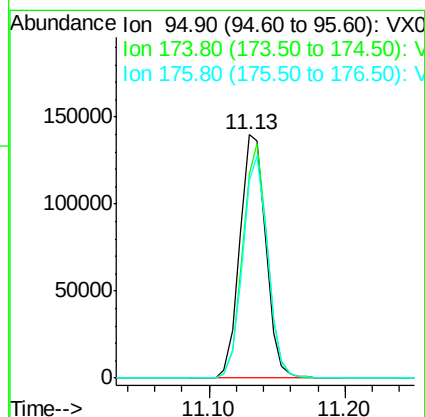
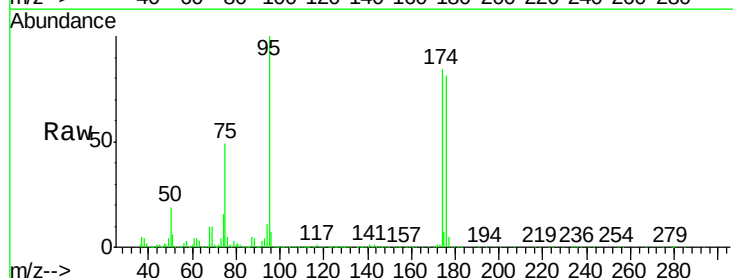
Instrument :
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 RE103D2-20200310

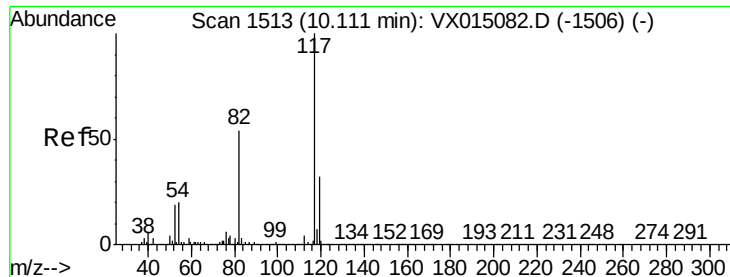
Tot Ion:	97	Resp:	1300
Ion	Ratio	Lower	Upper
97	100		
83	68.9	66.4	99.6
85	18.6	43.5	65.3#
99	62.3	50.7	76.1



#62
 4-Bromofluorobenzene
 Concen: 53.338 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015263.D
 Acq: 13 Mar 2020 16:28

Tgt Ion:	95	Resp:	185454
Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	177.6
176	88.2	0.0	170.2

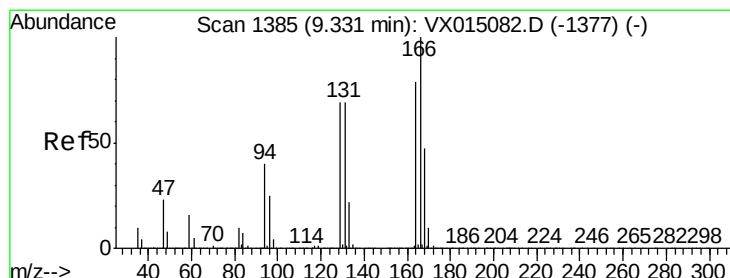
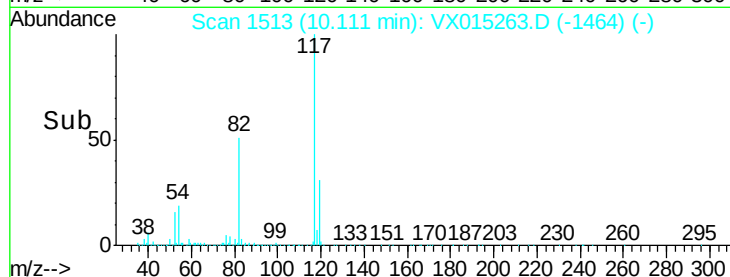
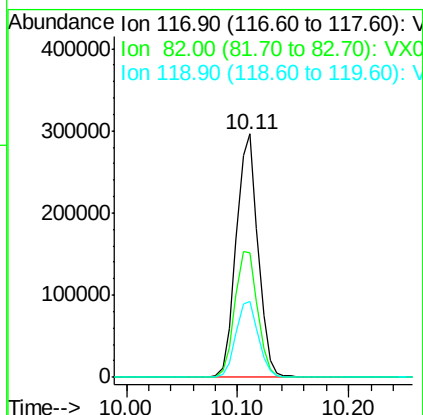
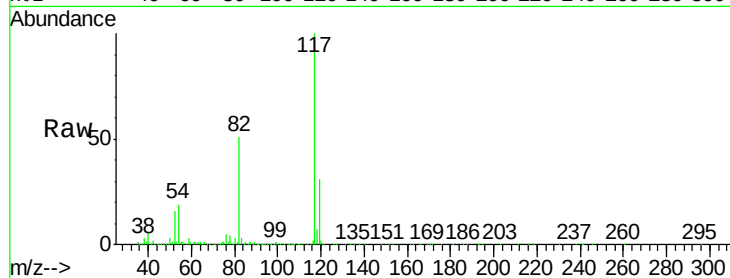




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015263.D
Acq: 13 Mar 2020 16:28

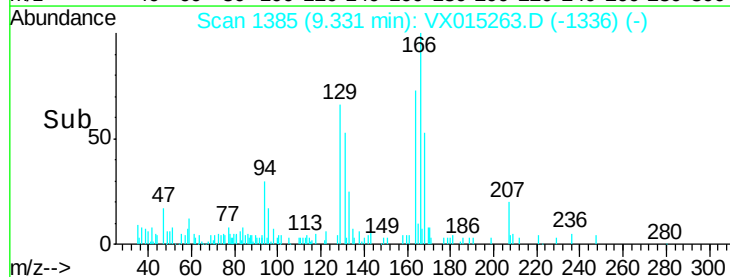
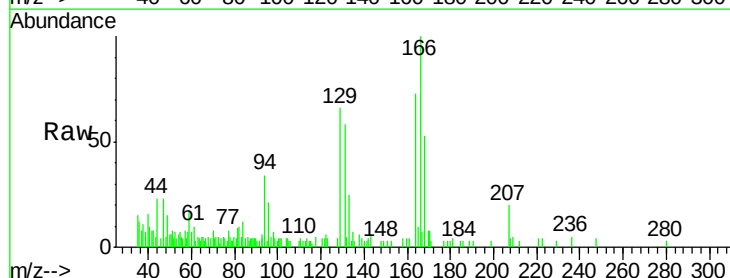
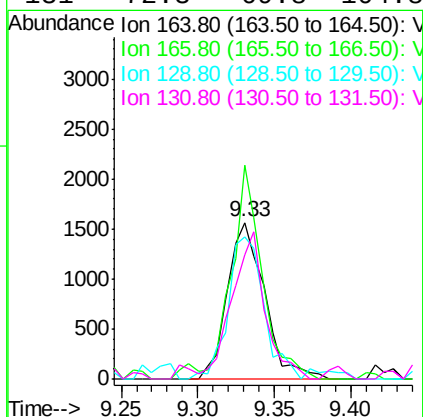
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20200310

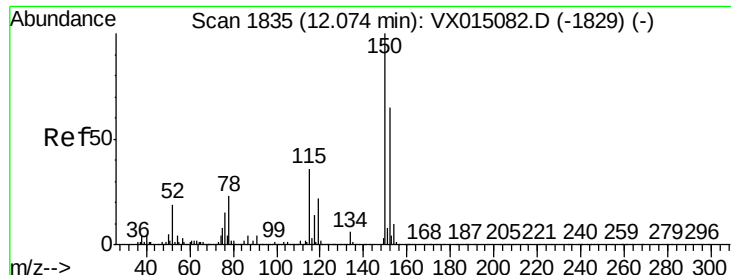
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.3	64.9
119	31.3	25.8	38.8



#64
Tetrachloroethene
Concen: 0.793 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015263.D
Acq: 13 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.5	101.1	151.7
129	90.4	69.4	104.0
131	72.3	69.8	104.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015263.D

Acq: 13 Mar 2020 16:28

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20200310

Tot Ion:152 Resp: 205622

Ion Ratio Lower Upper

152 100

115 55.7 38.2 114.6

150 160.1 0.0 343.8

