

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015163.D
 Acq On : 10 Mar 2020 12:18
 Operator : JC/SP
 Sample : L1842-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20200305

Quant Time: Mar 11 08:13:38 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

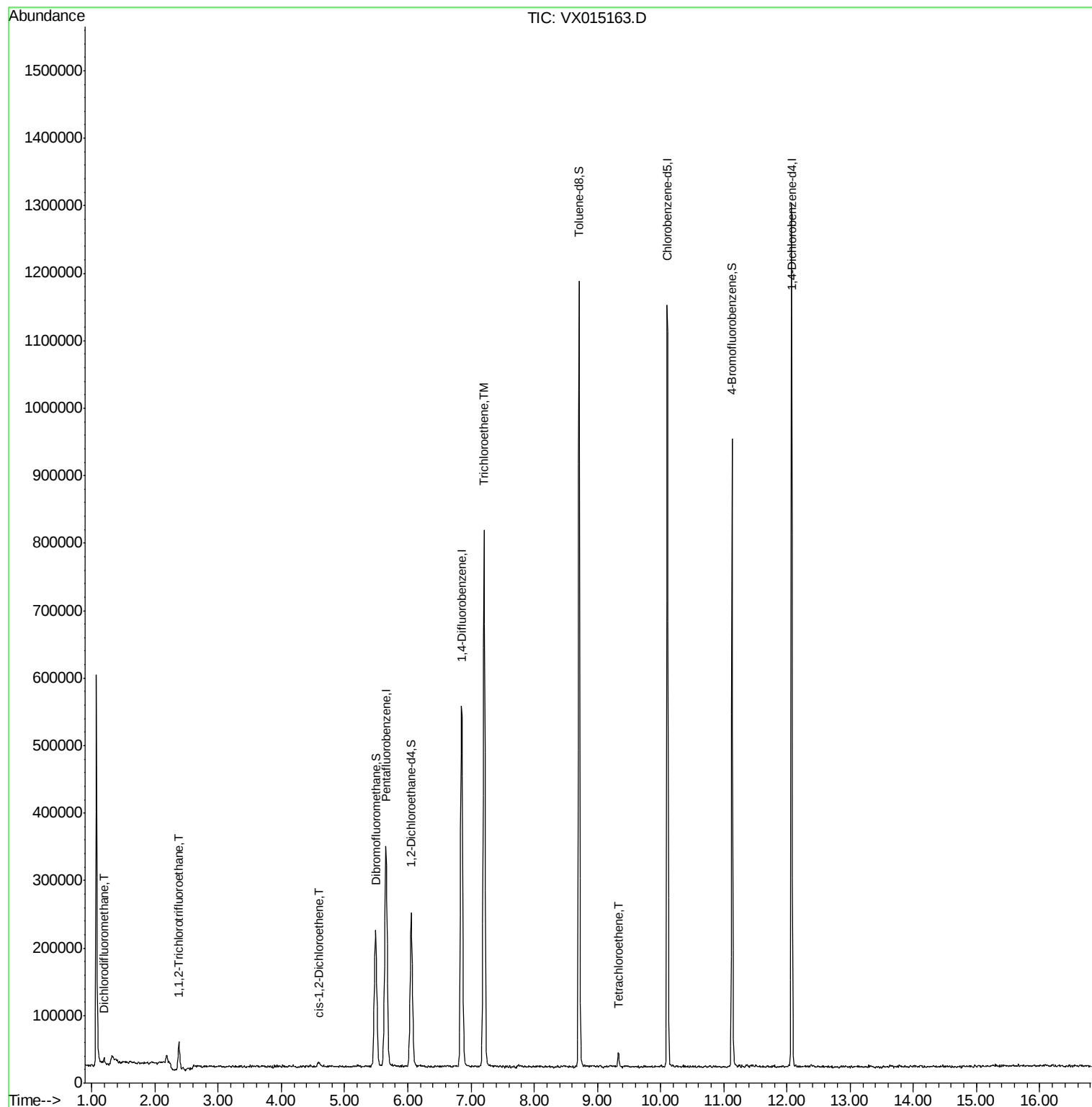
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	329417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	545416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	531587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	262735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	206810	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	5.49	113	171353	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	674601	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.13	95	239863	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
Target Compounds						
2) Dichlorodifluoromethane	1.19	85	3317	1.150	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	16056	5.176	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	5321	1.388	ug/l	70
44) Trichloroethene	7.21	130	305825	73.408	ug/l	98
64) Tetrachloroethene	9.33	164	5120	1.165	ug/l	93

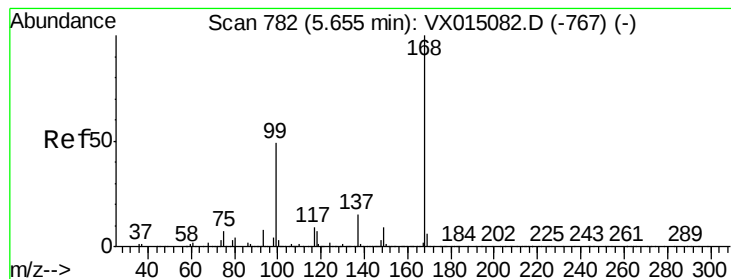
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015163.D

Acq: 10 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

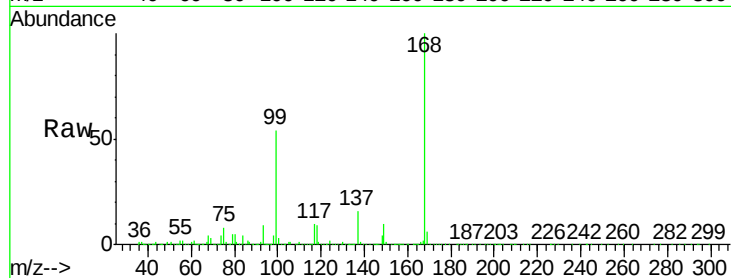
RE132D3-20200305

Tot Ion:168 Resp: 329417

Ion Ratio Lower Upper

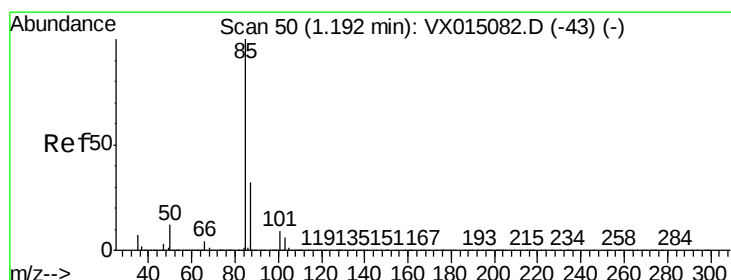
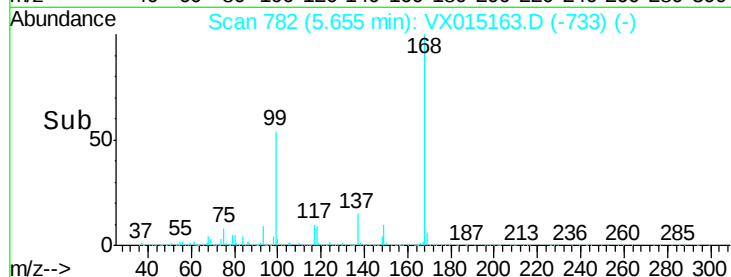
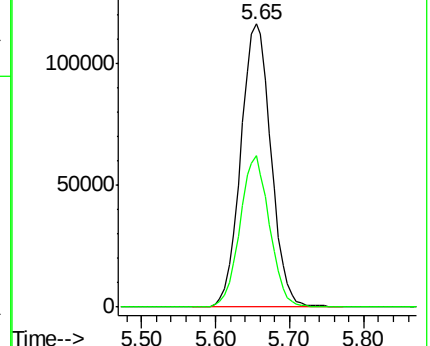
168 100

99 53.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.150 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015163.D

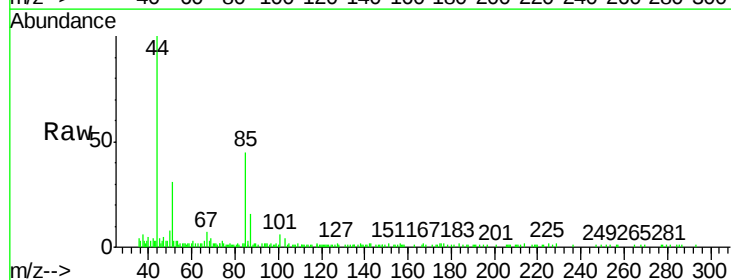
Acq: 10 Mar 2020 12:18

Tgt Ion: 85 Resp: 3317

Ion Ratio Lower Upper

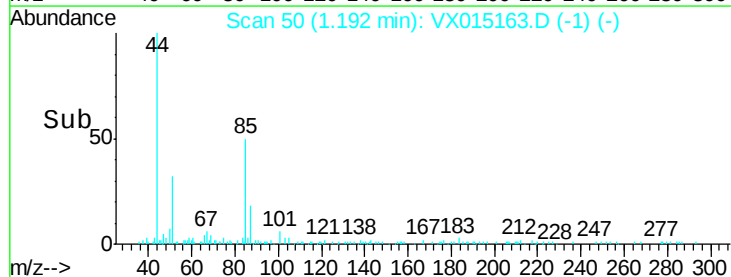
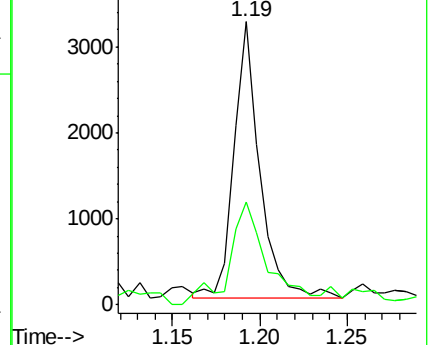
85 100

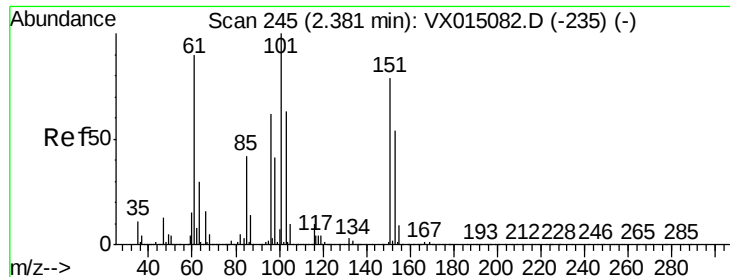
87 34.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.176 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015163.D

Acq: 10 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20200305

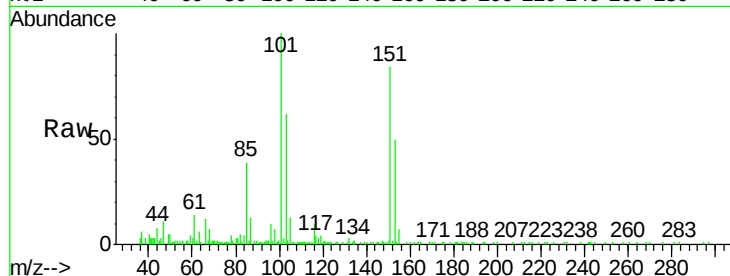
Tot Ion:101 Resp: 16056

Ion Ratio Lower Upper

101 100

85 46.3 33.7 50.5

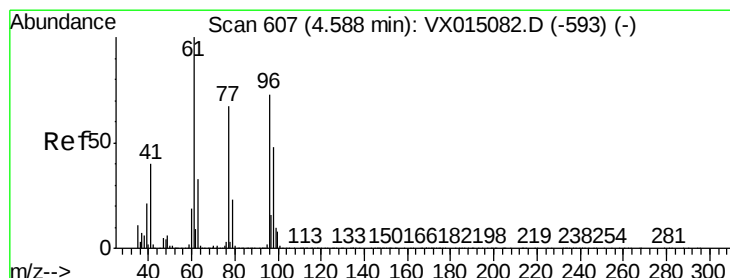
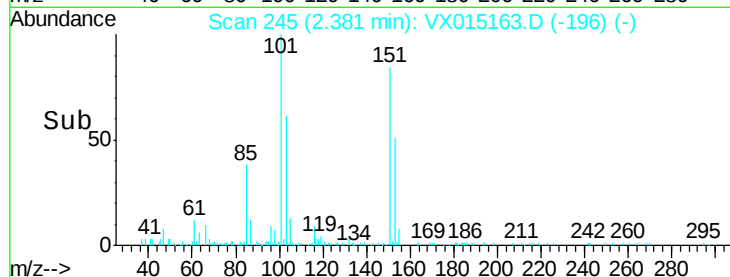
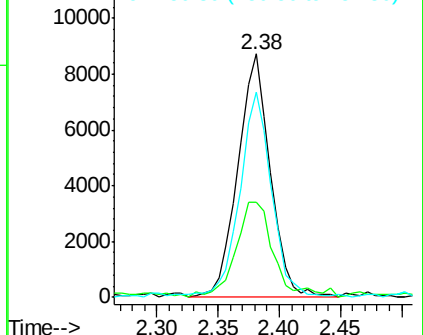
151 83.6 64.0 96.0



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



#27

cis-1,2-Dichloroethene

Concen: 1.388 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015163.D

Acq: 10 Mar 2020 12:18

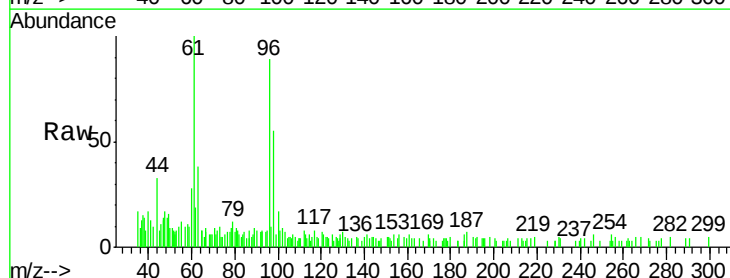
Tgt Ion: 96 Resp: 5321

Ion Ratio Lower Upper

96 100

61 101.3 0.0 286.8

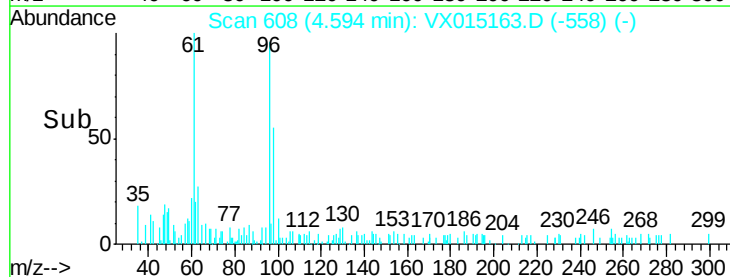
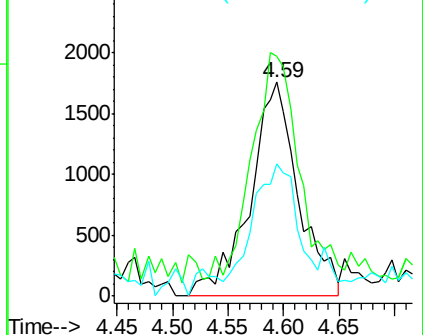
98 47.5 0.0 128.4

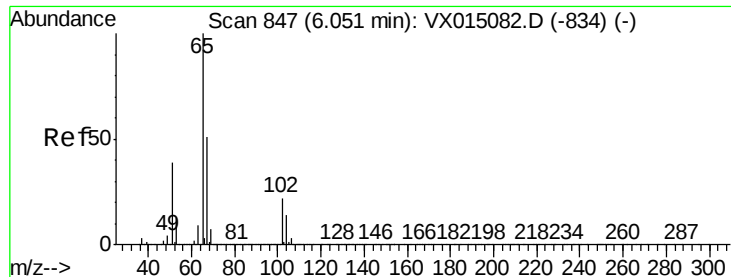


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

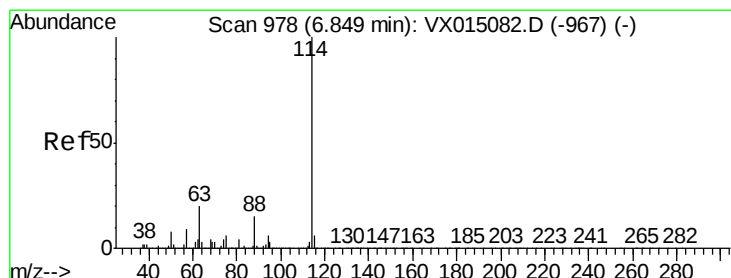
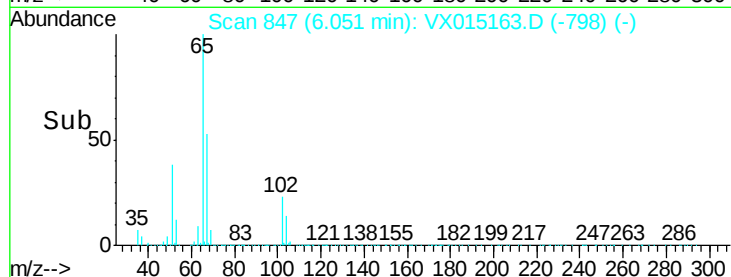
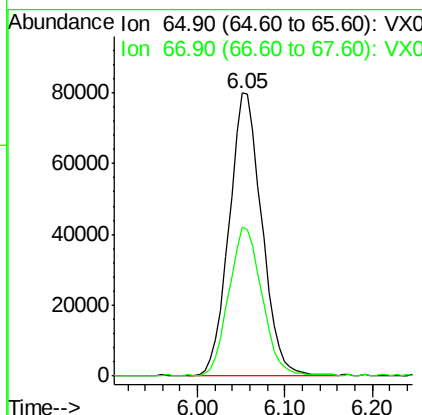
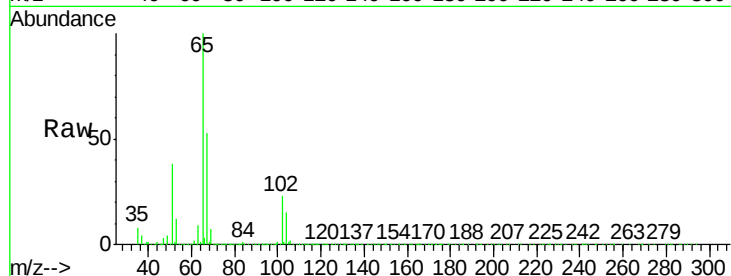




#33
 1,2-Dichloroethane-d4
 Concen: 52.918 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015163.D
 Acq: 10 Mar 2020 12:18

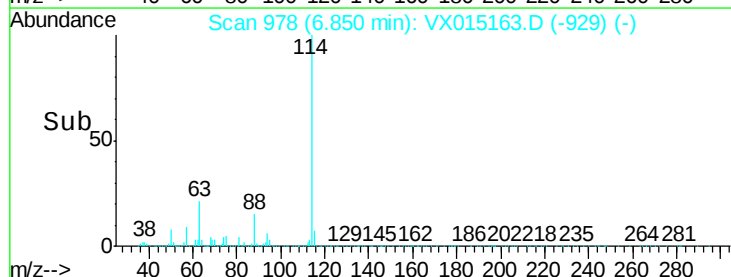
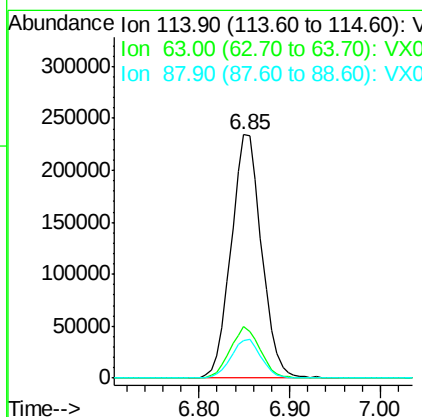
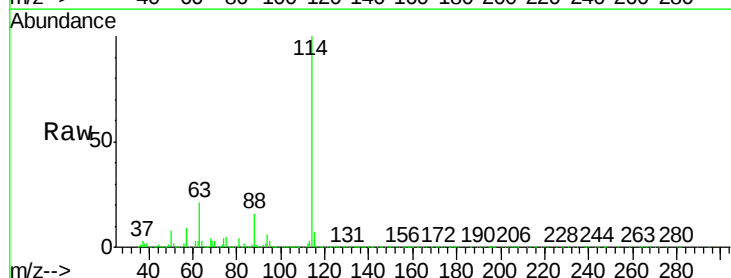
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20200305

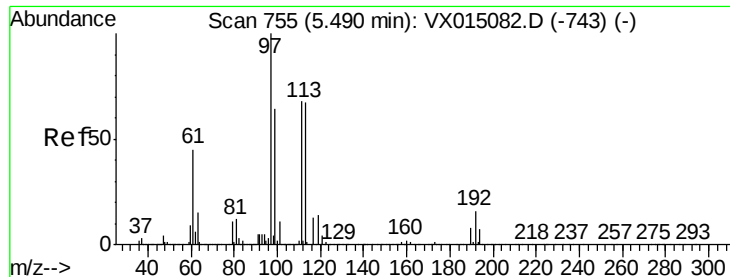
Tot Ion: 65 Resp: 206810
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015163.D
 Acq: 10 Mar 2020 12:18

Tgt Ion: 114 Resp: 545416
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.0
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.799 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015163.D

Acq: 10 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20200305

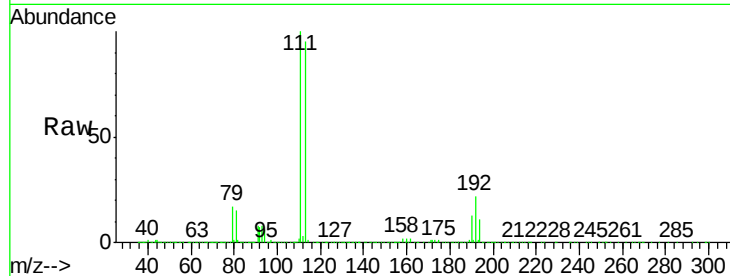
Tot Ion:113 Resp: 171353

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

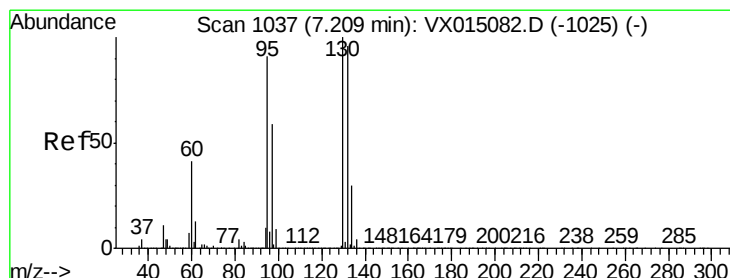
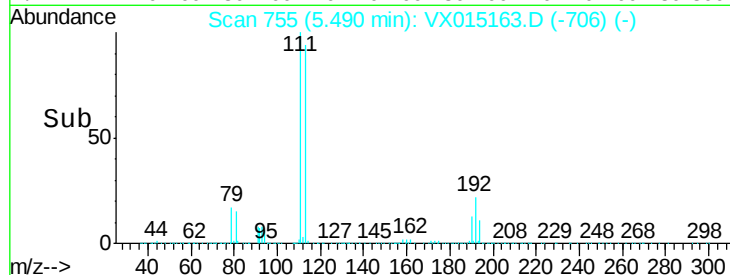
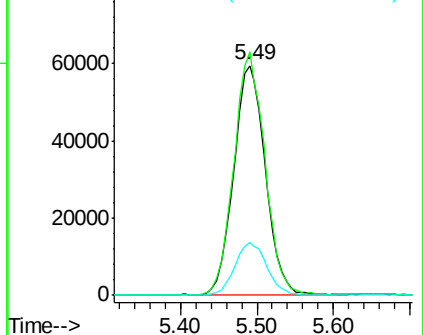
192 23.4 18.6 28.0



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: 73.408 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015163.D

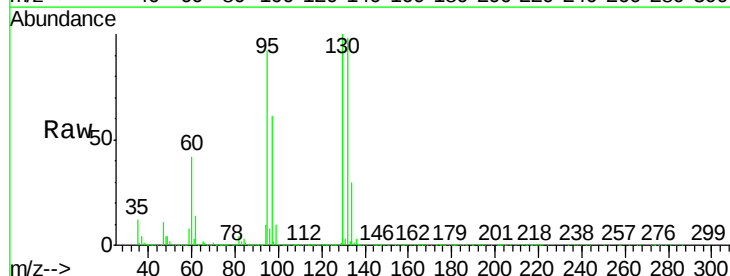
Acq: 10 Mar 2020 12:18

Tgt Ion:130 Resp: 305825

Ion Ratio Lower Upper

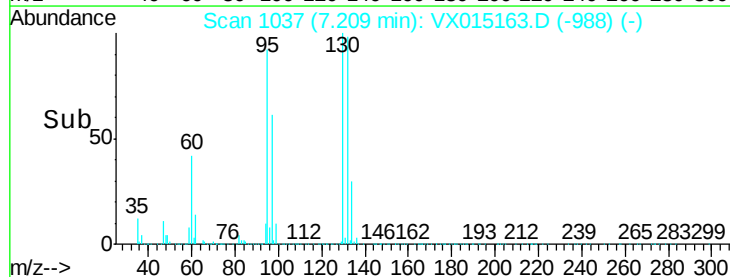
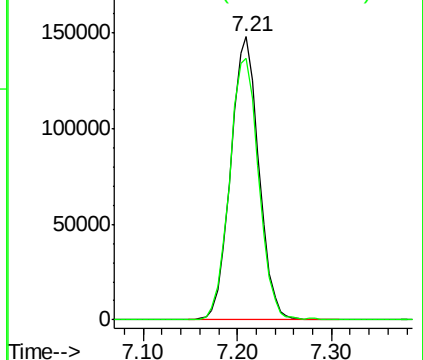
130 100

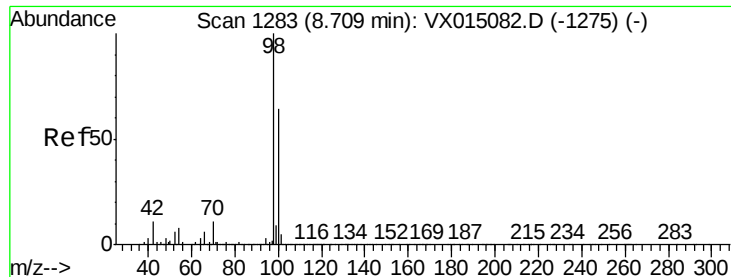
95 92.1 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.541 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015163.D

Acq: 10 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

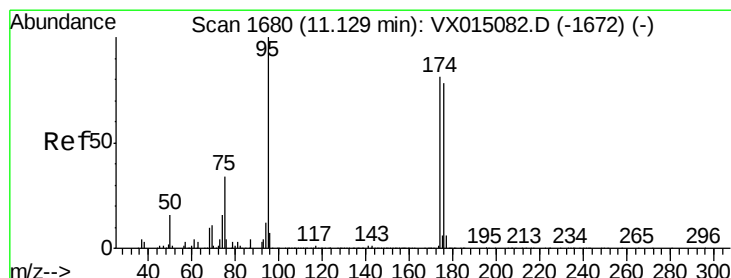
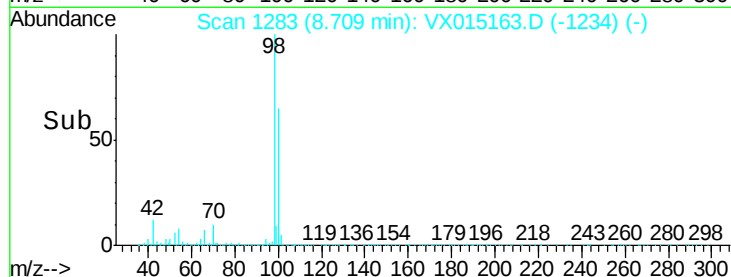
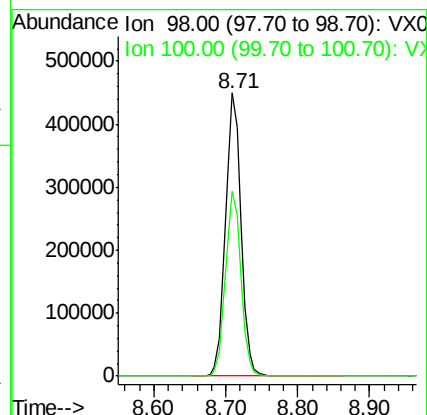
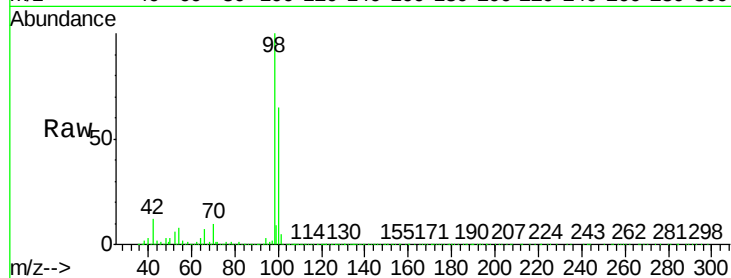
RE132D3-20200305

Tot Ion: 98 Resp: 674601

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.379 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015163.D

Acq: 10 Mar 2020 12:18

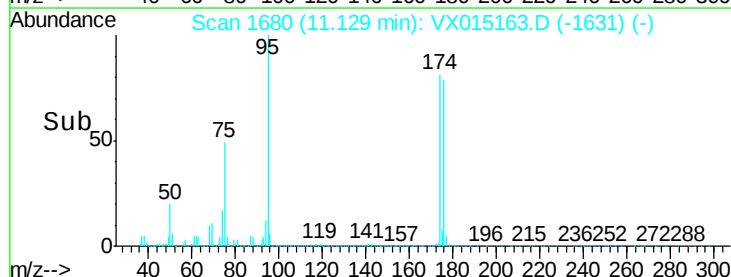
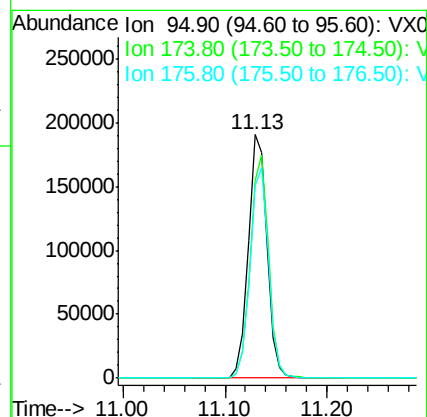
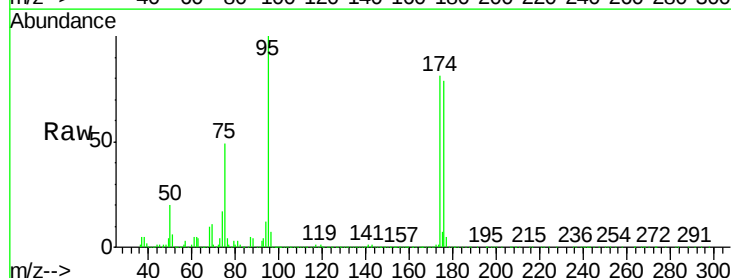
Tgt Ion: 95 Resp: 239863

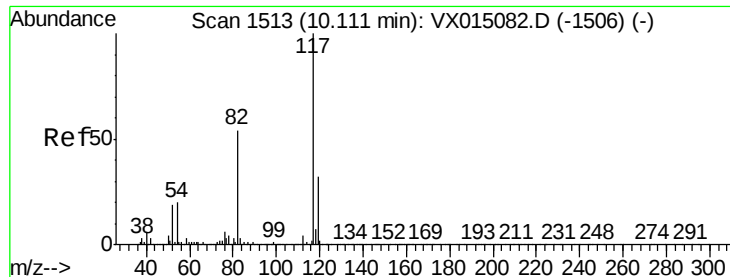
Ion Ratio Lower Upper

95 100

174 90.4 0.0 177.6

176 86.5 0.0 170.2

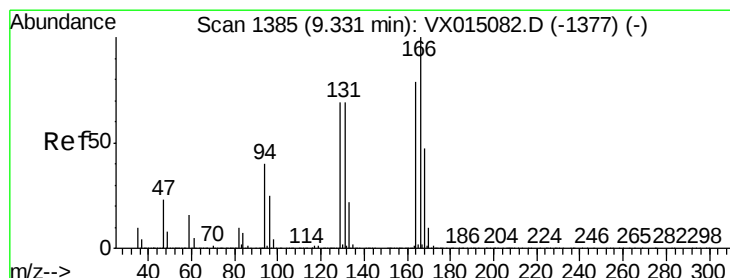
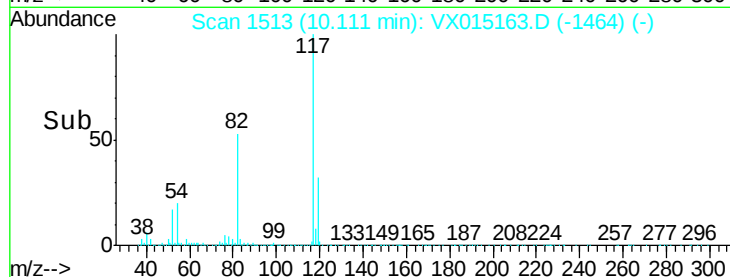
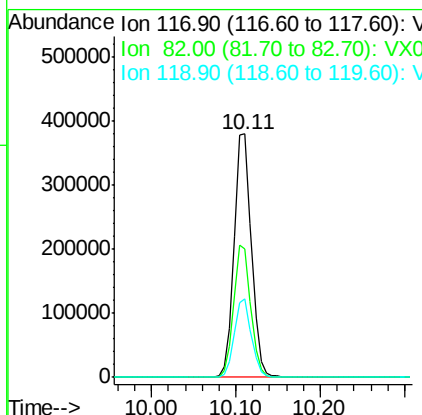
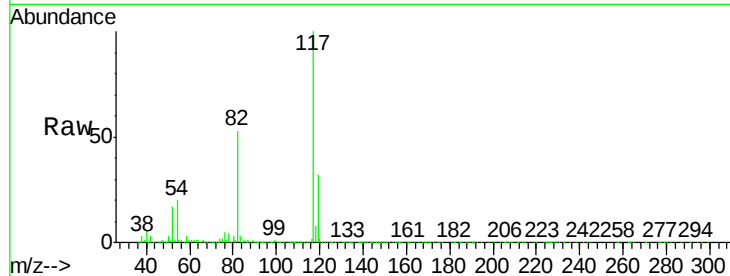




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015163.D
Acq: 10 Mar 2020 12:18

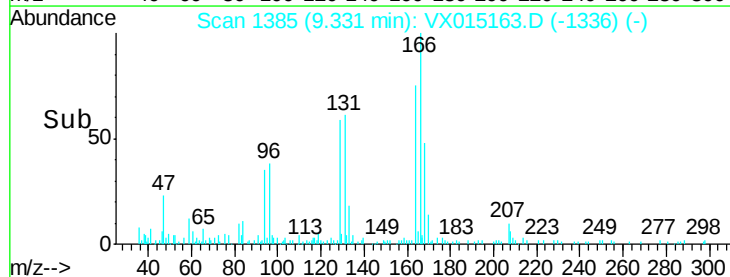
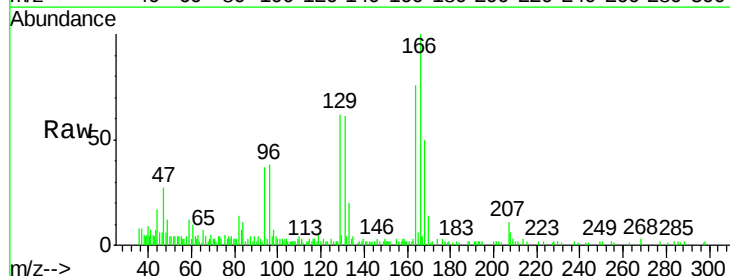
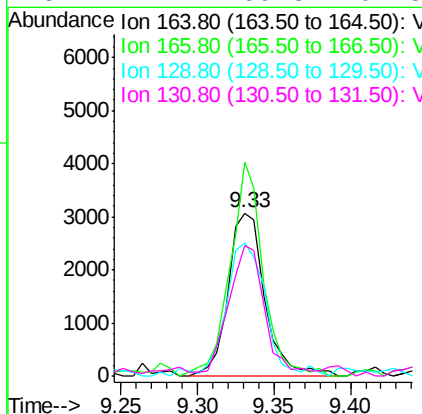
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20200305

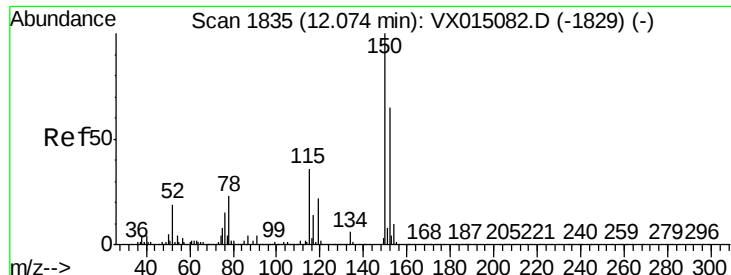
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.3	64.9
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 1.165 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015163.D
Acq: 10 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	101.1	151.7
129	78.6	69.4	104.0
131	77.4	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: VX015163.D

Acq: 10 Mar 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20200305

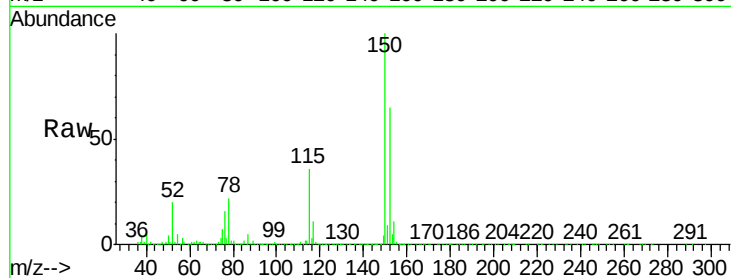
Tot Ion:152 Resp: 262735

Ion Ratio Lower Upper

152 100

115 56.2 38.2 114.6

150 155.1 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

