

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030920\
 Data File : VX015147.D
 Acq On : 09 Mar 2020 16:52
 Operator : JC/SP
 Sample : L1842-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20200305

Quant Time: Mar 10 11:37:19 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

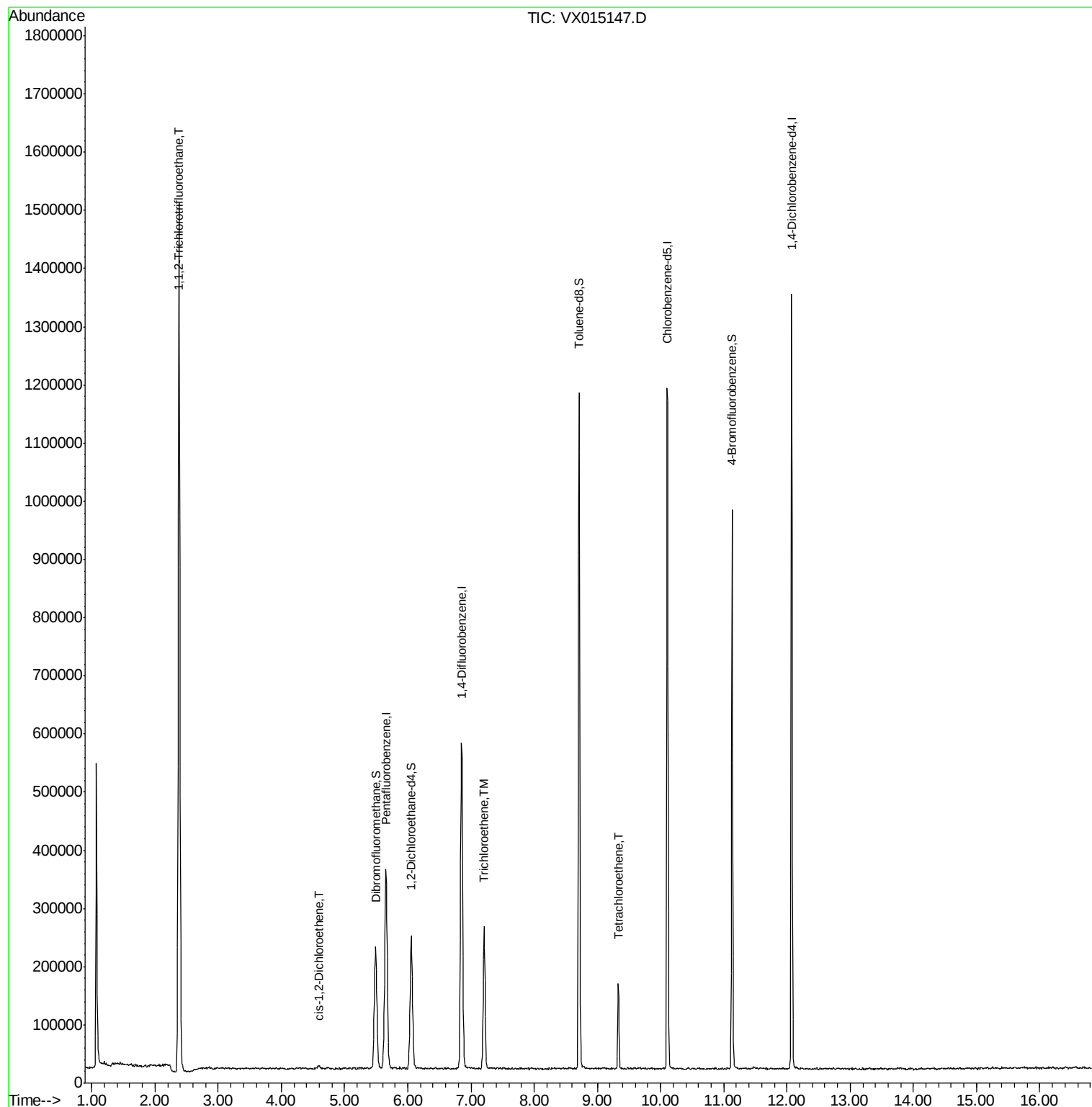
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	343041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	568030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	552164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	214136	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
35) Dibromofluoromethane	5.49	113	175865	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	8.71	98	692973	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	250154	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	595113	184.242	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	3526	0.883	ug/l	89
44) Trichloroethene	7.20	130	98029	22.593	ug/l	100
64) Tetrachloroethene	9.33	164	29285	6.415	ug/l	96

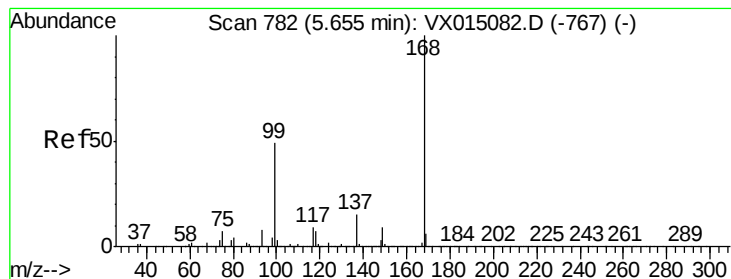
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015147.D

Acq: 09 Mar 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

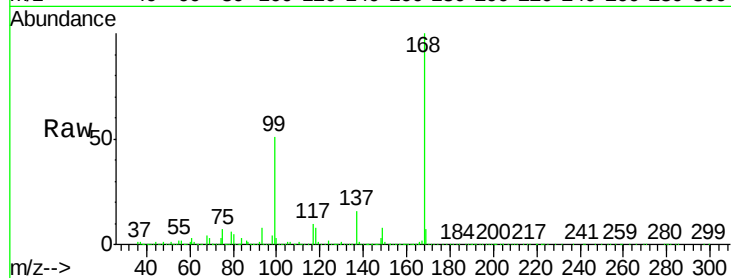
RE134D4-20200305

Tot Ion:168 Resp: 343041

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

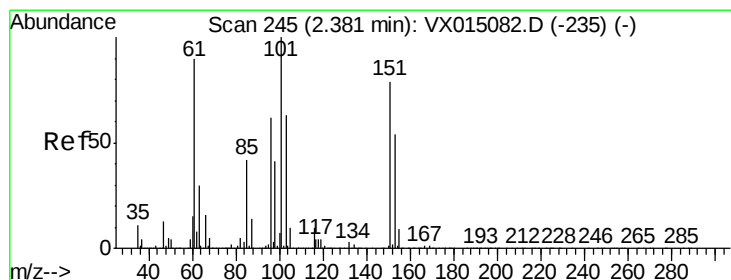
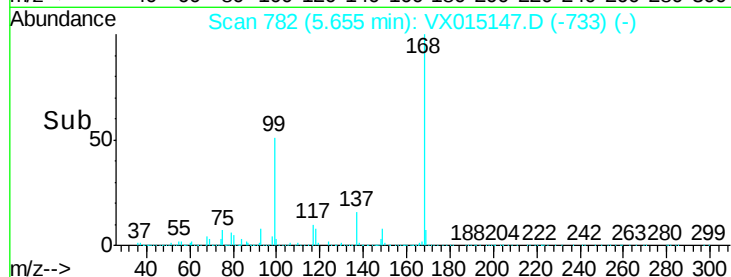
5.65

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 184.242 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015147.D

Acq: 09 Mar 2020 16:52

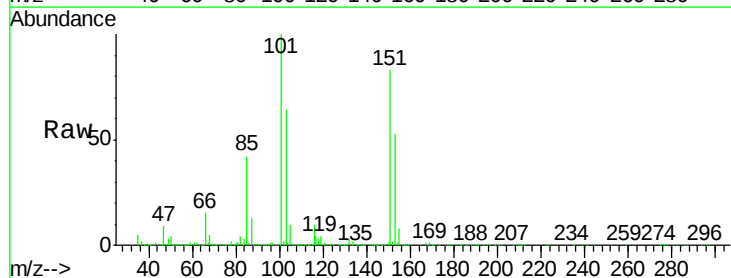
Tgt Ion:101 Resp: 595113

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

151 81.7 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

400000

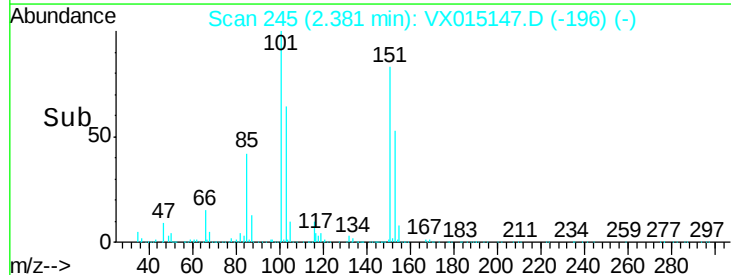
300000

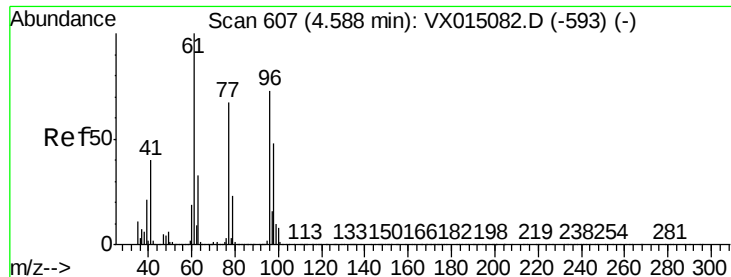
200000

100000

0

Time--> 2.30 2.40 2.50



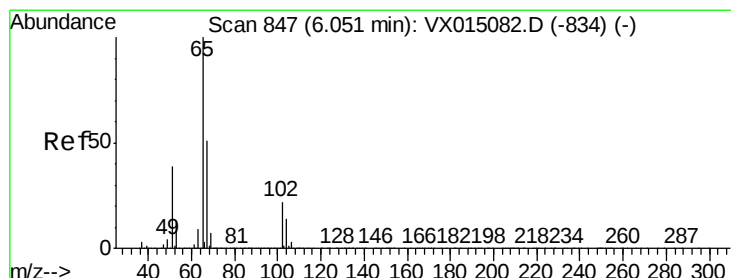
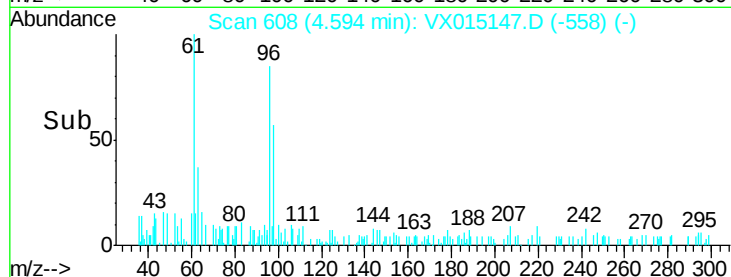
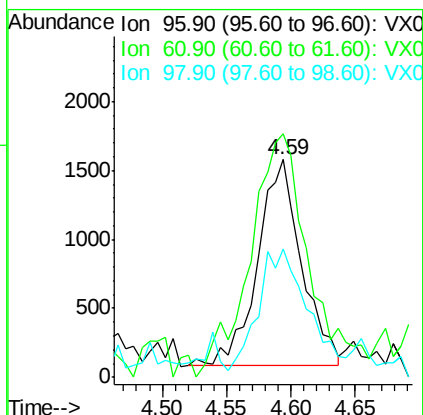
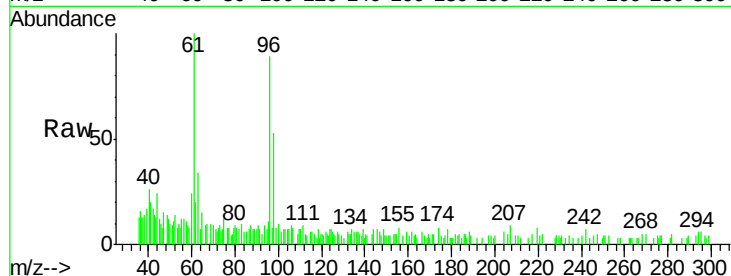


#27

cis-1,2-Dichloroethene
Concen: 0.883 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015147.D
Acq: 09 Mar 2020 16:52

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20200305

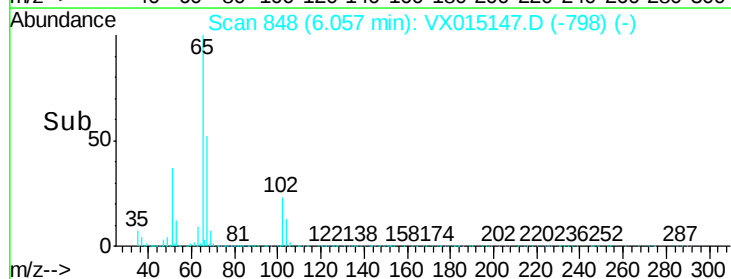
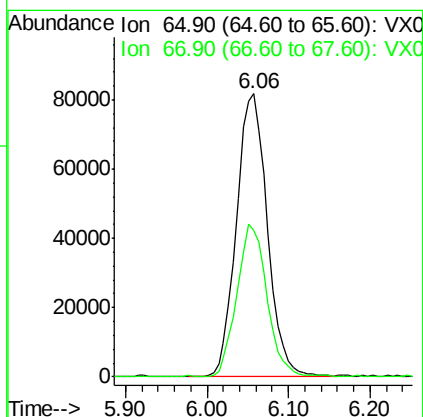
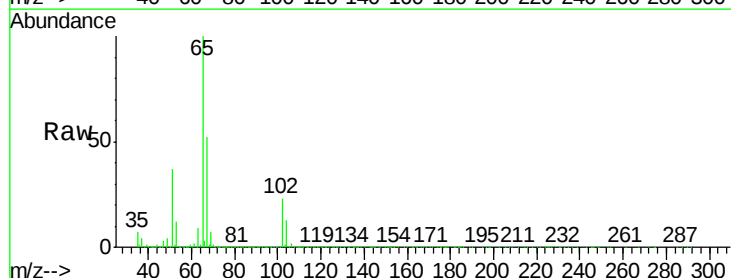
Tot Ion: 96 Resp: 3526
Ion Ratio Lower Upper
96 100
61 161.1 0.0 286.8
98 66.8 0.0 128.4

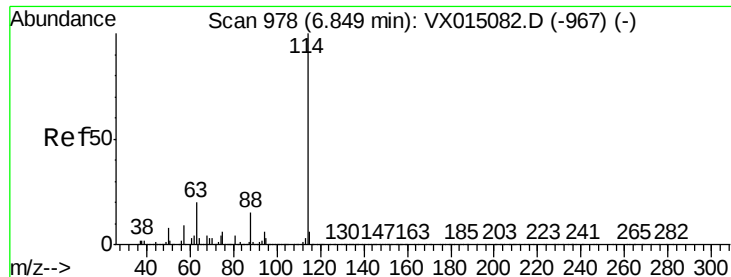


#33

1,2-Dichloroethane-d4
Concen: 52.616 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015147.D
Acq: 09 Mar 2020 16:52

Tgt Ion: 65 Resp: 214136
Ion Ratio Lower Upper
65 100
67 52.4 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: VX015147.D

Acq: 09 Mar 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20200305

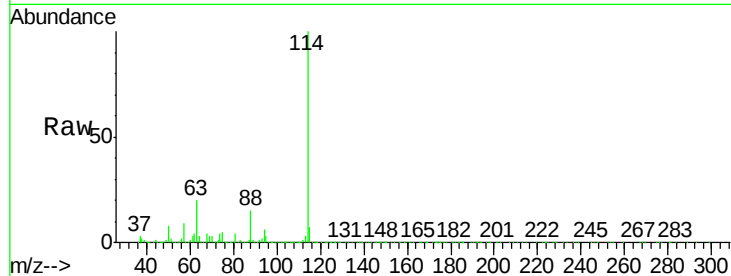
Tot Ion:114 Resp: 568030

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

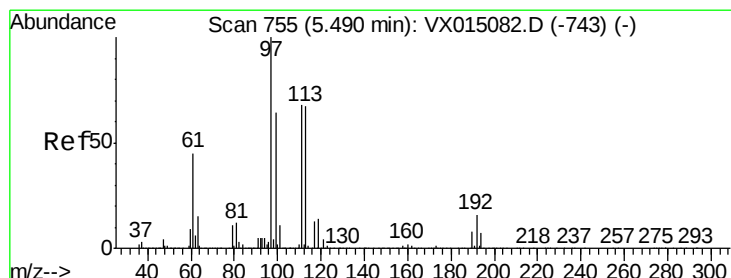
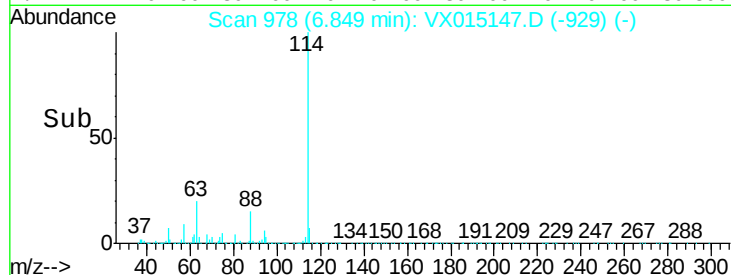
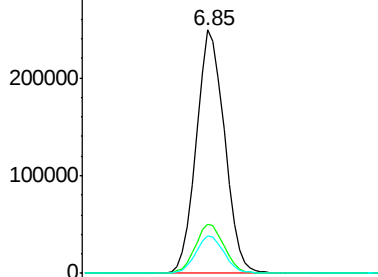
88 15.1 0.0 30.6



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: 49.076 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015147.D

Acq: 09 Mar 2020 16:52

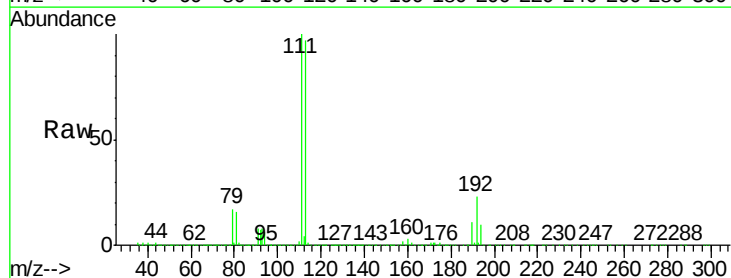
Tgt Ion:113 Resp: 175865

Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

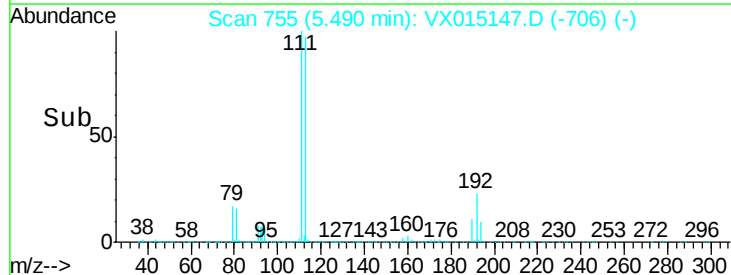
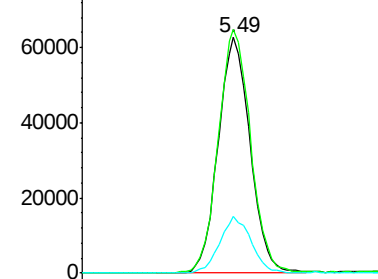
192 23.9 18.6 28.0

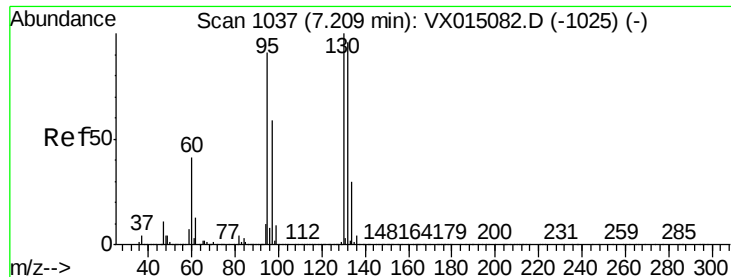


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 22.593 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015147.D

Acq: 09 Mar 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

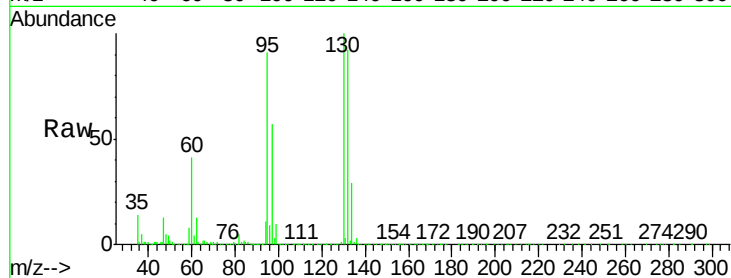
RE134D4-20200305

Tot Ion:130 Resp: 98029

Ion Ratio Lower Upper

130 100

95 90.7 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

50000

40000

30000

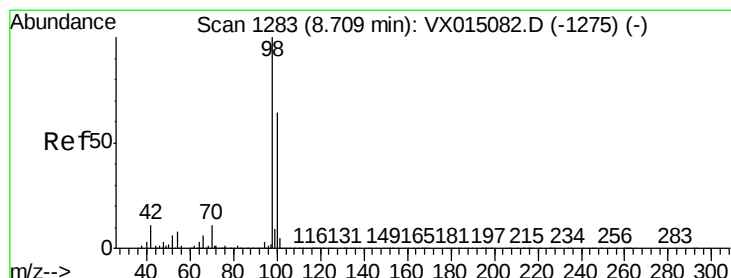
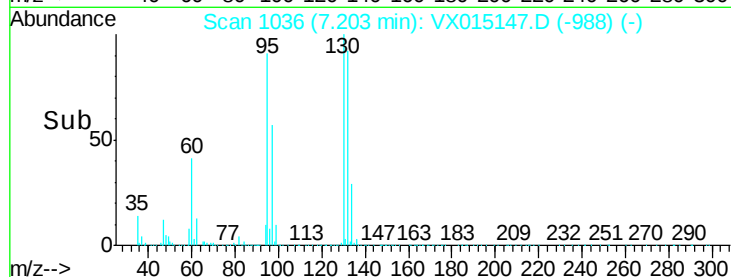
20000

10000

0

7.10 7.20 7.30 7.40

Time-->



#50

Toluene-d8

Concen: 50.837 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015147.D

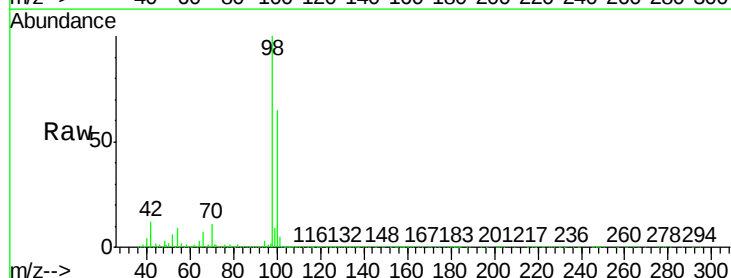
Acq: 09 Mar 2020 16:52

Tgt Ion: 98 Resp: 692973

Ion Ratio Lower Upper

98 100

100 65.2 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

500000

400000

300000

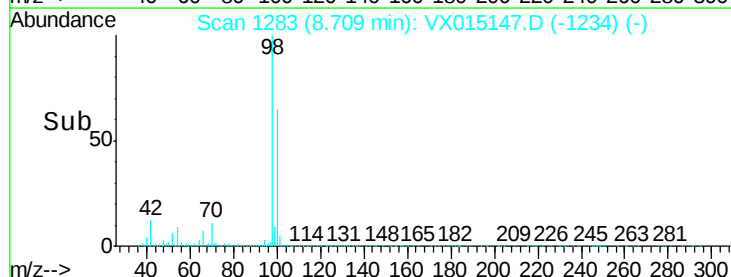
200000

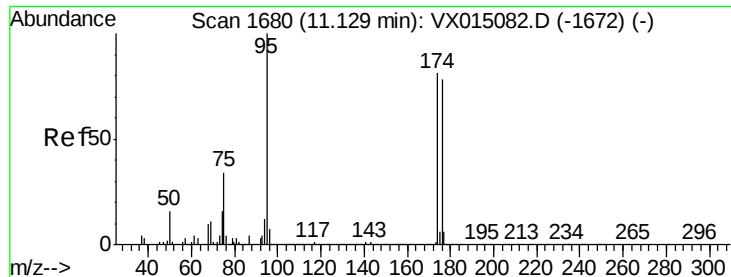
100000

0

8.60 8.70 8.80

Time-->

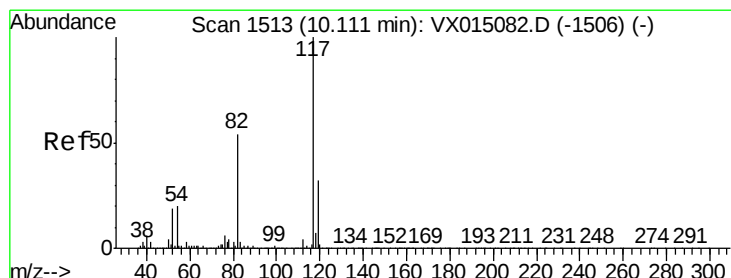
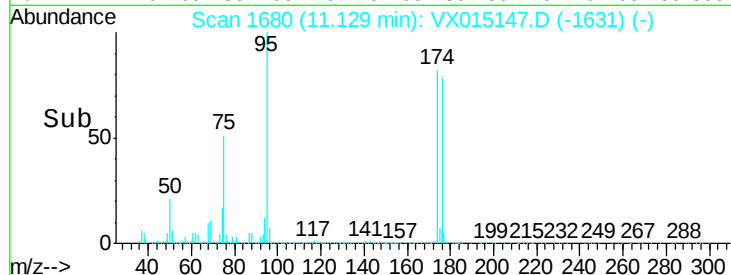
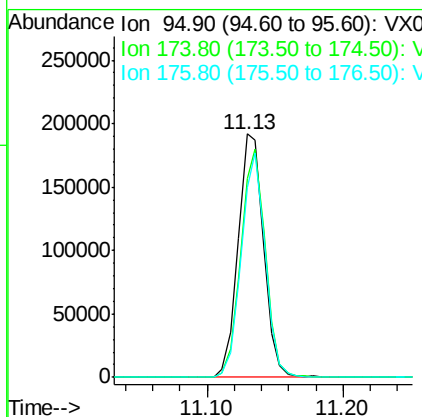
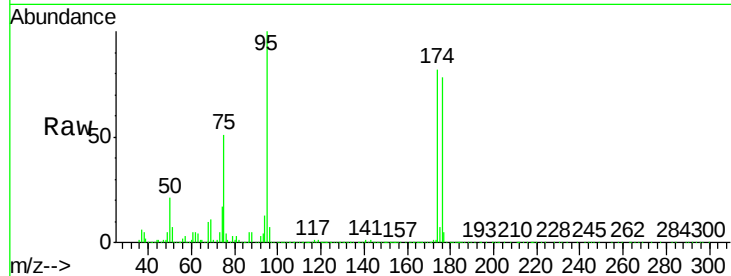




#62
4-Bromofluorobenzene
Concen: 51.450 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015147.D
Acq: 09 Mar 2020 16:52

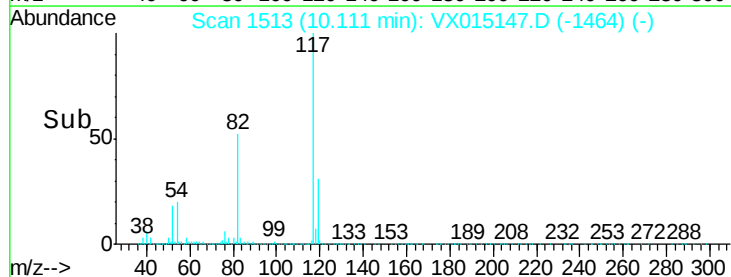
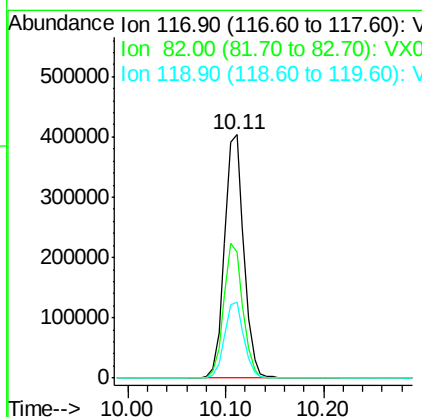
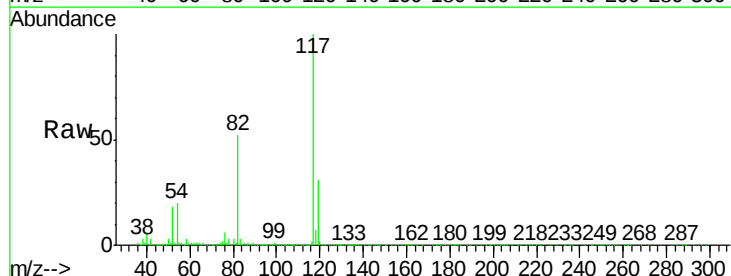
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20200305

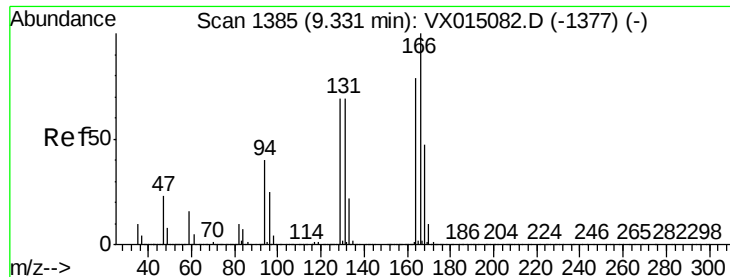
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	177.6
176	86.8	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015147.D
Acq: 09 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.3	64.9
119	31.2	25.8	38.8





#64

Tetrachloroethene

Concen: 6.415 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015147.D

Acq: 09 Mar 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20200305

Tot Ion:164 Resp: 29285

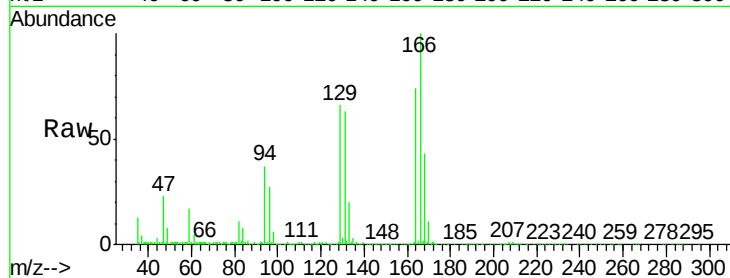
Ion Ratio Lower Upper

164 100

166 134.1 101.1 151.7

129 87.6 69.4 104.0

131 83.9 69.8 104.8

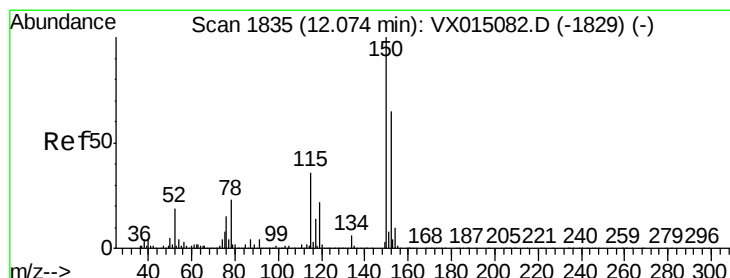
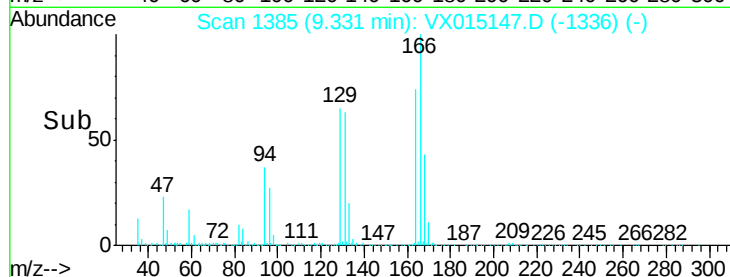
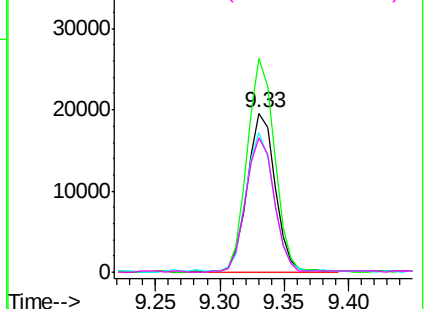


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX015147.D

Acq: 09 Mar 2020 16:52

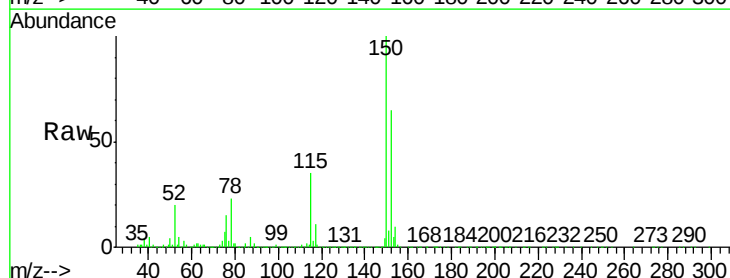
Tgt Ion:152 Resp: 278314

Ion Ratio Lower Upper

152 100

115 55.9 38.2 114.6

150 157.3 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

