

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012471.D
 Acq On : 18 Sep 2019 14:14
 Operator : JC/SP
 Sample : K4858-17DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20190910DL

Quant Time: Sep 19 07:02:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

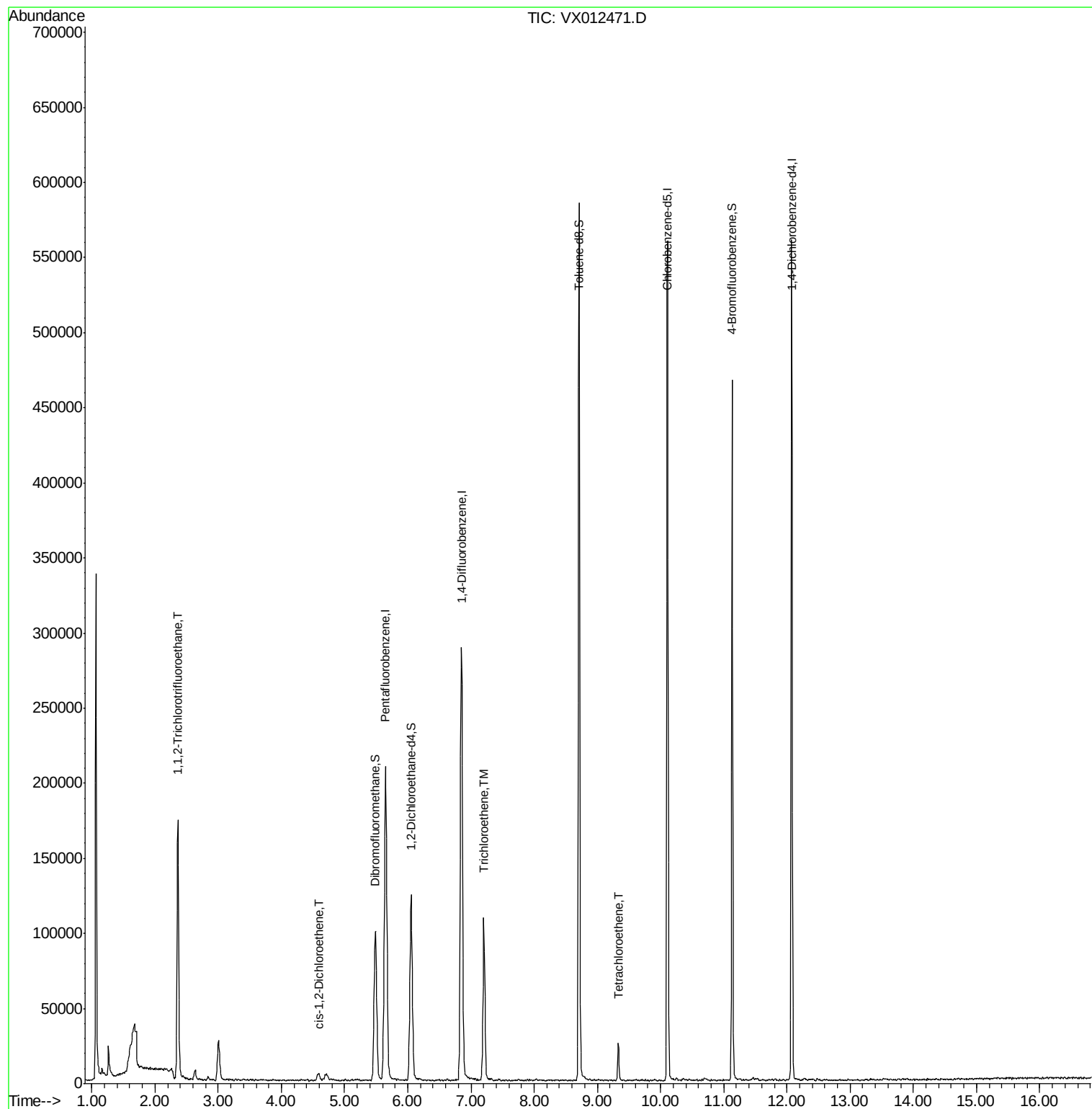
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	121361	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
35) Dibromofluoromethane	5.48	113	83369	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	8.71	98	328378	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.14	95	125575	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.36	101	66238	46.247	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	2676	1.510	ug/l	98
44) Trichloroethene	7.20	130	41425	28.480	ug/l	96
64) Tetrachloroethene	9.33	164	4342	3.860	ug/l	94

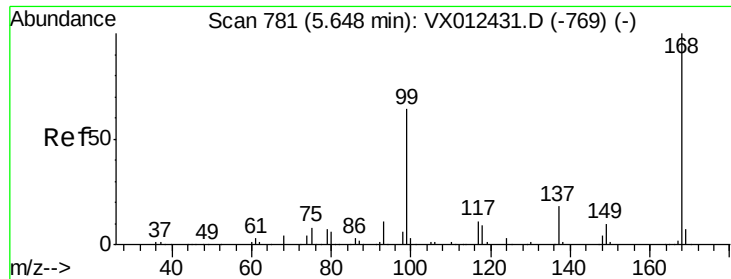
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012471.D
Acq On : 18 Sep 2019 14:14
Operator : JC/SP
Sample : K4858-17DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190910DL

Quant Time: Sep 19 07:02:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012471.D

Acq: 18 Sep 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

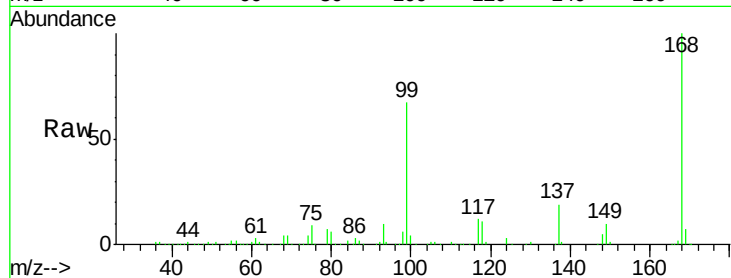
RE131D2-20190910DL

Tot Ion:168 Resp: 181733

Ion Ratio Lower Upper

168 100

99 66.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

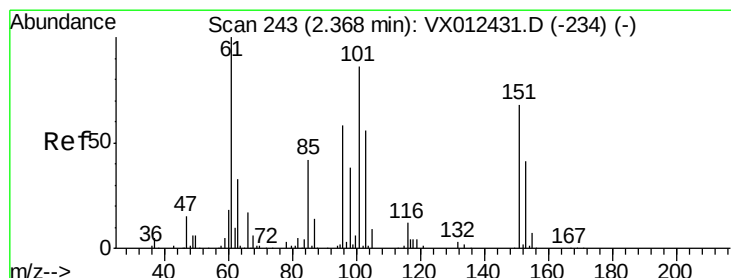
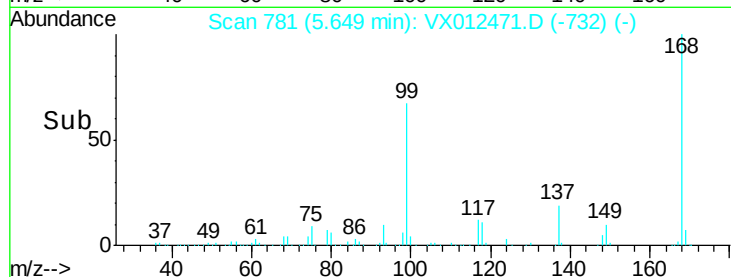
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.247 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012471.D

Acq: 18 Sep 2019 14:14

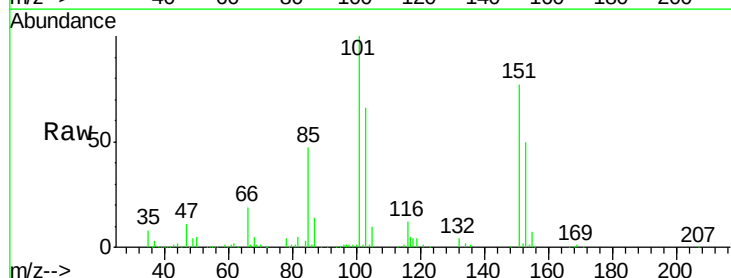
Tgt Ion:101 Resp: 66238

Ion Ratio Lower Upper

101 100

85 44.8 37.3 55.9

151 75.5 61.0 91.4



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

2.36

40000

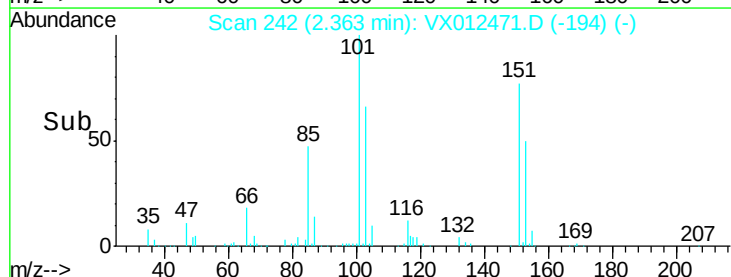
30000

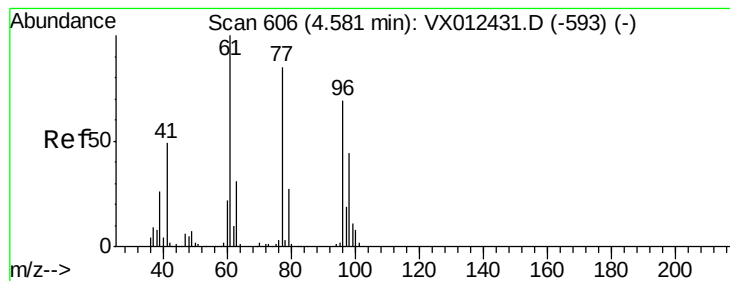
20000

10000

0

Time--> 2.25 2.30 2.35 2.40 2.45



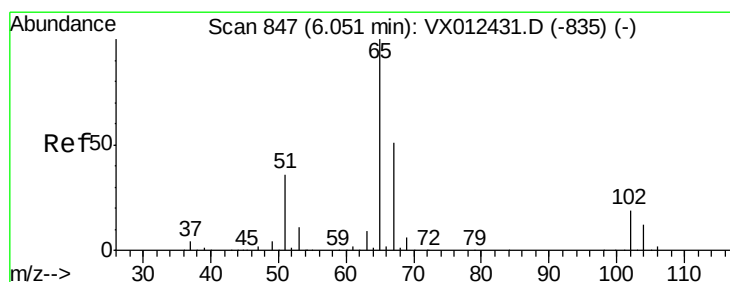
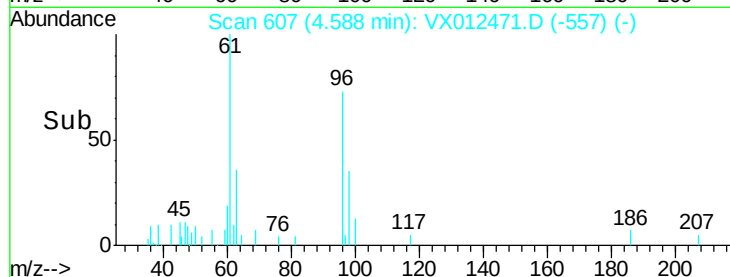
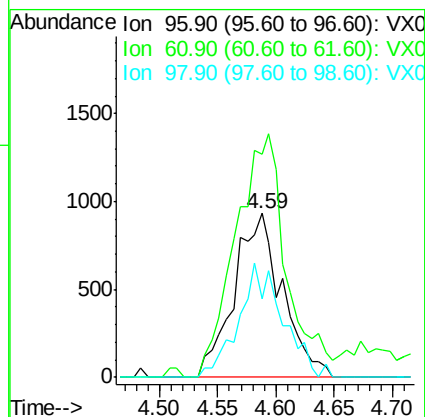
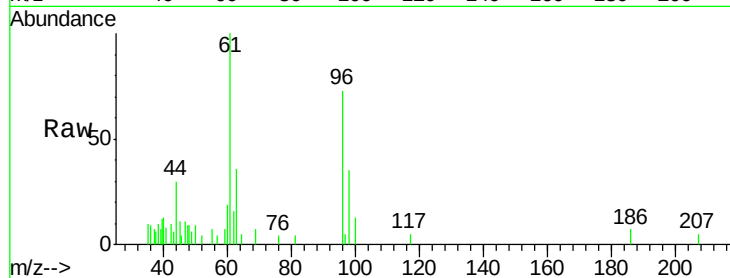


#27

cis-1,2-Dichloroethene
Concen: 1.510 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012471.D
Acq: 18 Sep 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190910DL

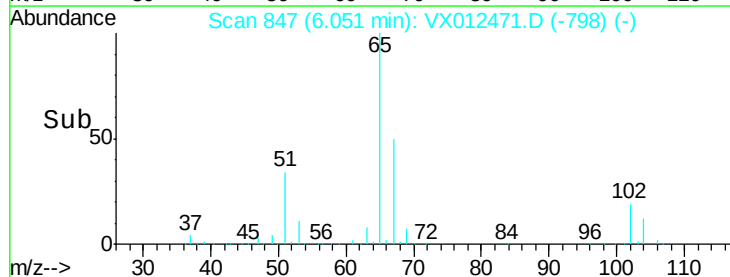
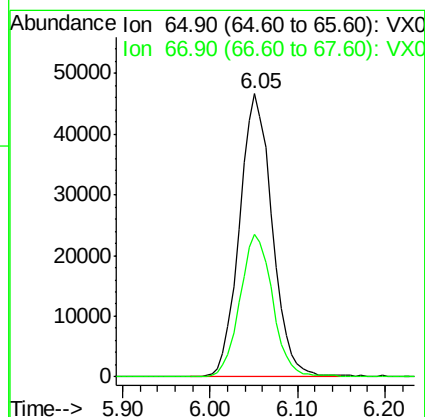
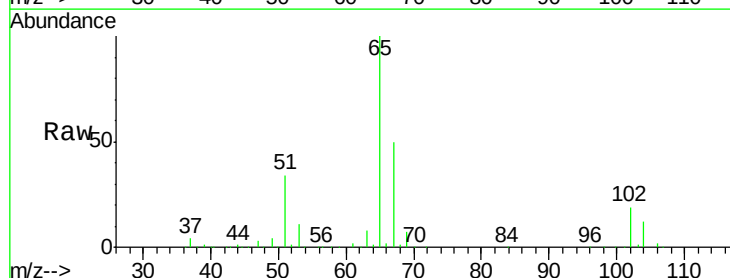
Tot Ion: 96 Resp: 2676
Ion Ratio Lower Upper
96 100
61 157.3 0.0 319.4
98 62.5 0.0 130.6

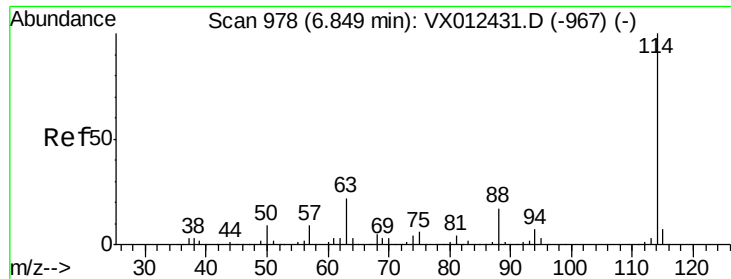


#33

1,2-Dichloroethane-d4
Concen: 46.595 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012471.D
Acq: 18 Sep 2019 14:14

Tgt Ion: 65 Resp: 121361
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.2

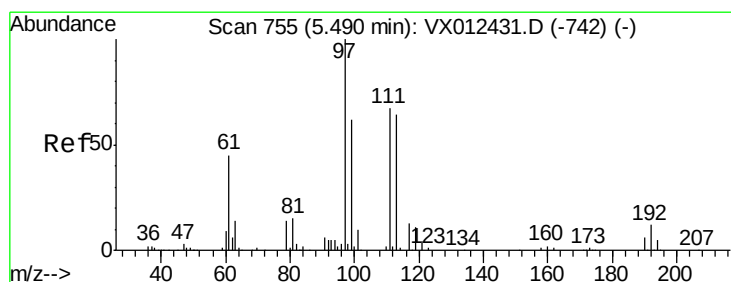
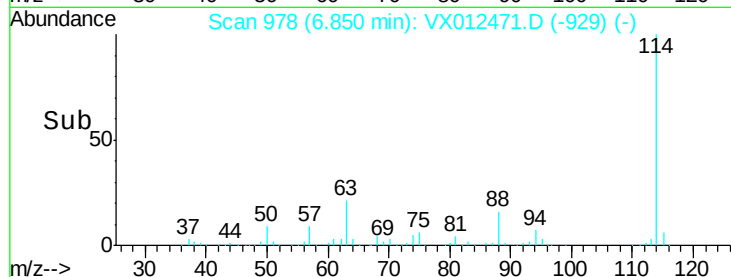
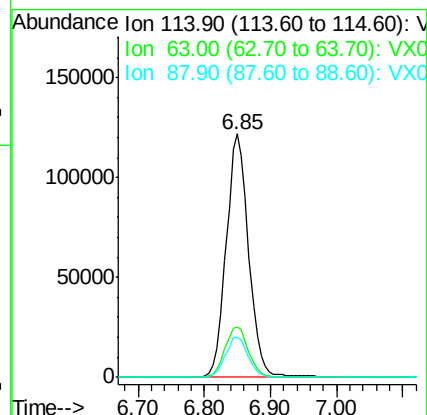
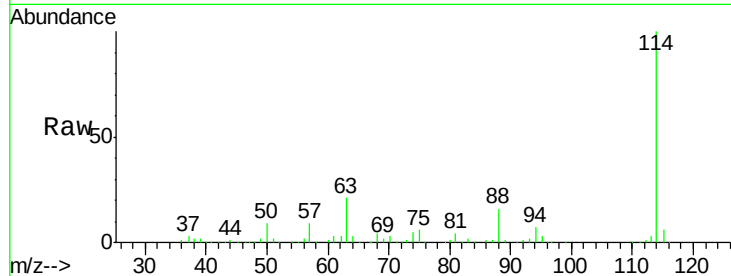




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012471.D
 Acq: 18 Sep 2019 14:14

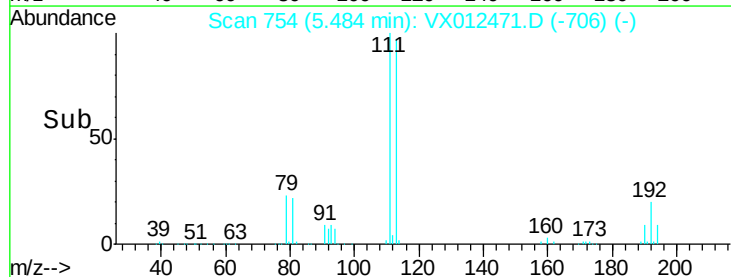
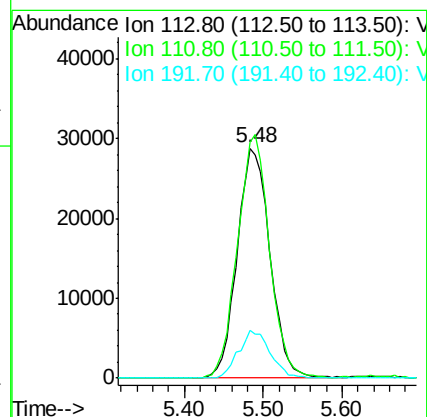
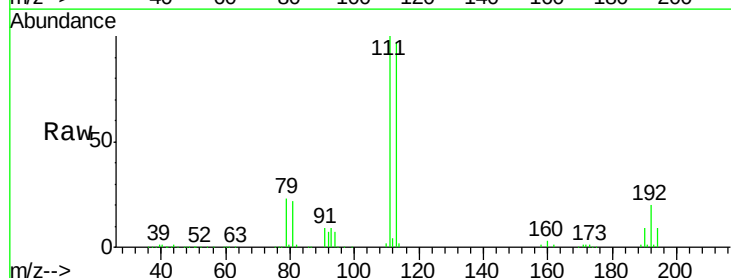
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20190910DL

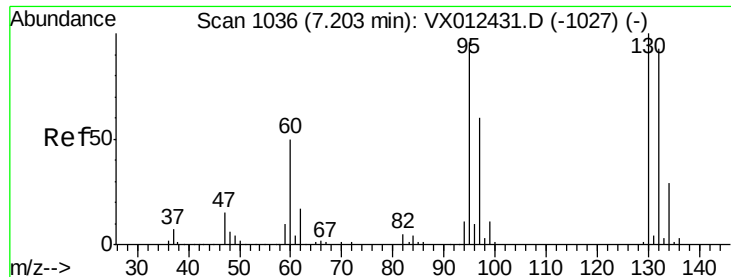
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	16.4	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 48.143 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012471.D
 Acq: 18 Sep 2019 14:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.2
192	20.0	14.4	21.6





#44

Trichloroethene

Concen: 28.480 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012471.D

Acq: 18 Sep 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

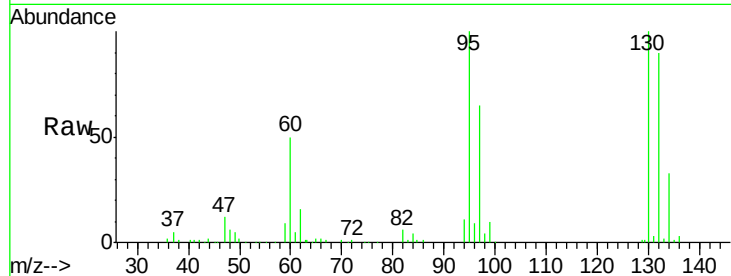
RE131D2-20190910DL

Tot Ion:130 Resp: 41425

Ion Ratio Lower Upper

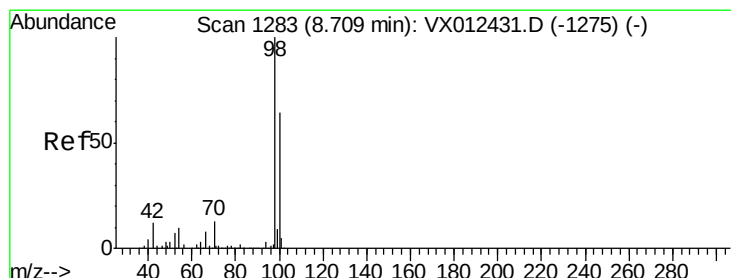
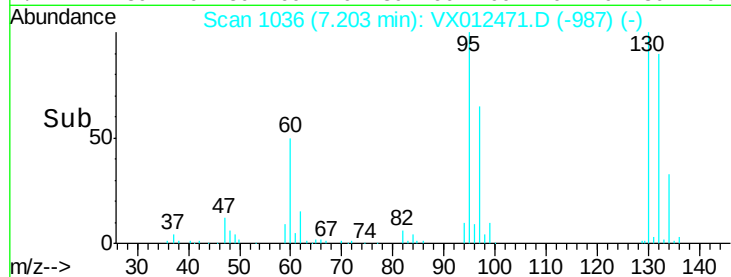
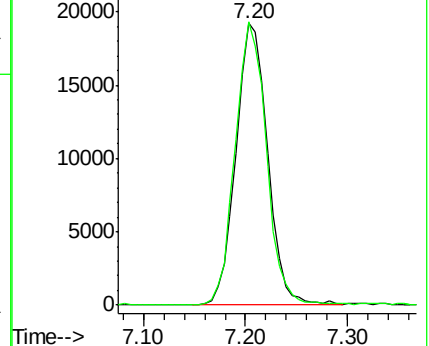
130 100

95 100.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.231 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012471.D

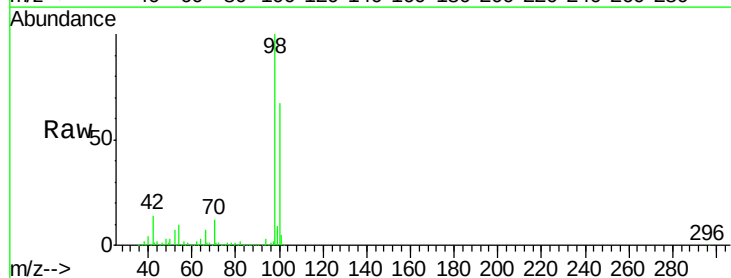
Acq: 18 Sep 2019 14:14

Tgt Ion: 98 Resp: 328378

Ion Ratio Lower Upper

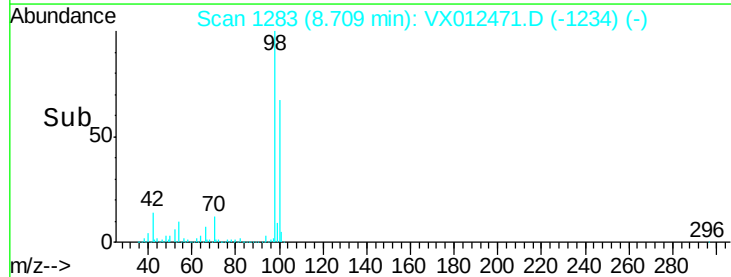
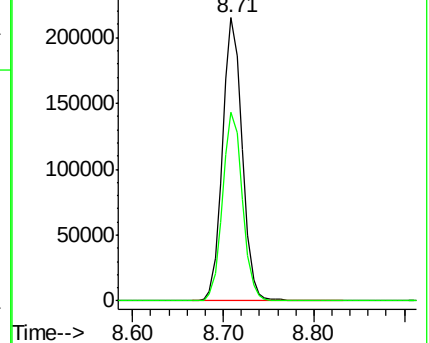
98 100

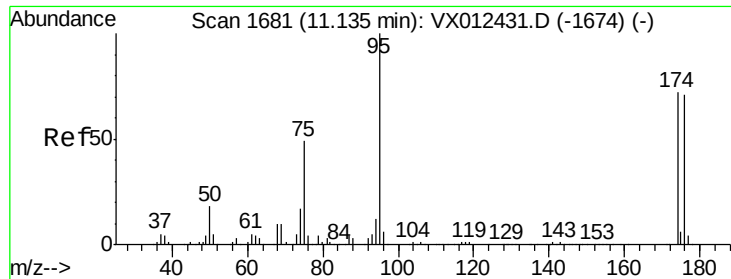
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.184 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012471.D

Acq: 18 Sep 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20190910DL

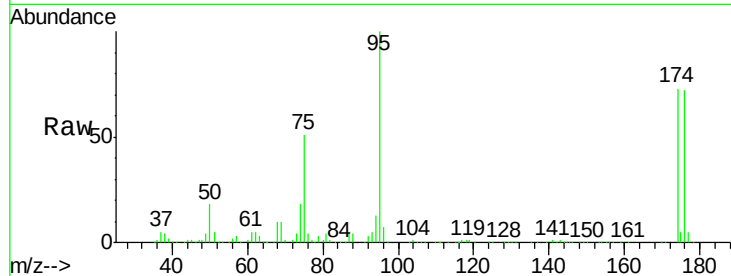
Tot Ion: 95 Resp: 125575

Ion Ratio Lower Upper

95 100

174 70.1 0.0 140.0

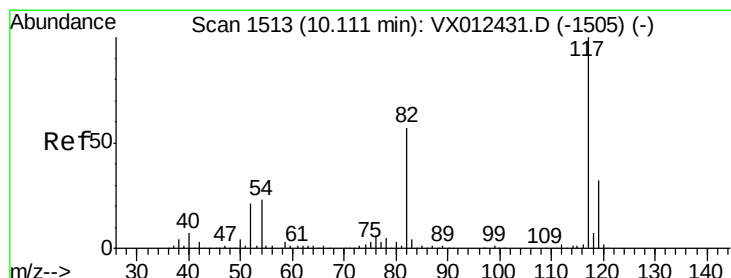
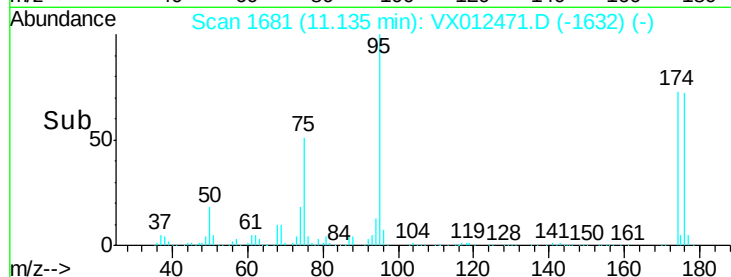
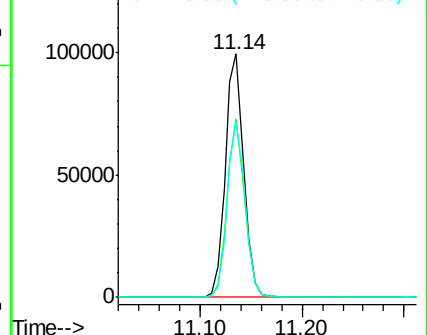
176 69.8 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012471.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012471.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012471.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012471.D

Acq: 18 Sep 2019 14:14

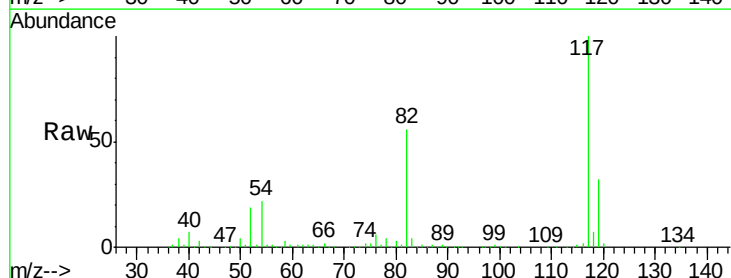
Tgt Ion: 117 Resp: 245489

Ion Ratio Lower Upper

117 100

82 55.6 45.9 68.9

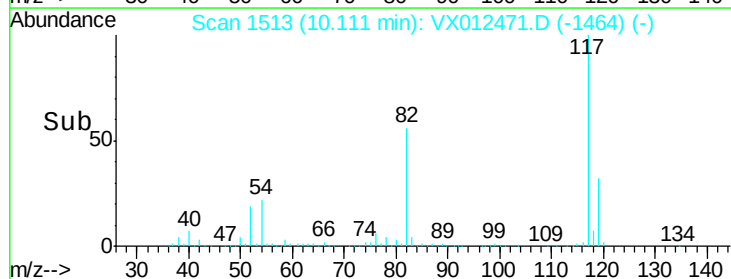
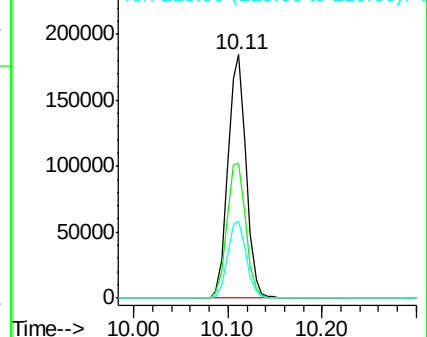
119 31.8 25.3 37.9

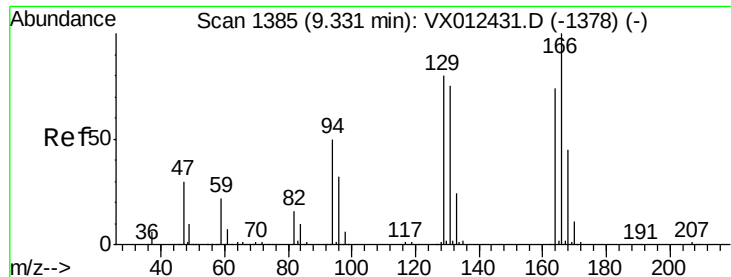


Abundance Ion 116.90 (116.60 to 117.60): VX012471.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012471.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012471.D (-1464) (-)

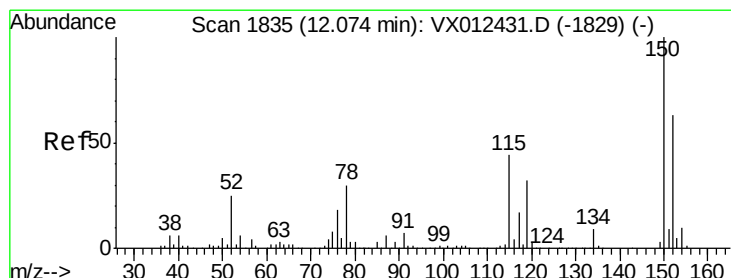
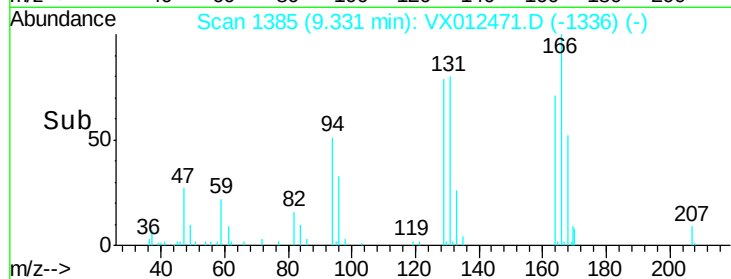
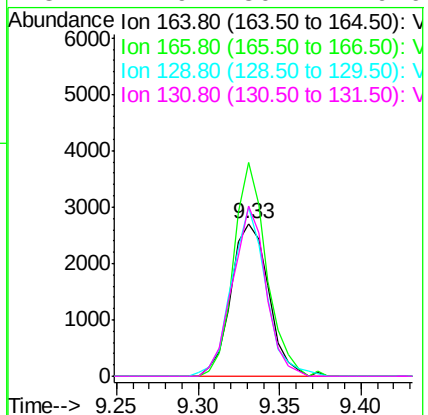
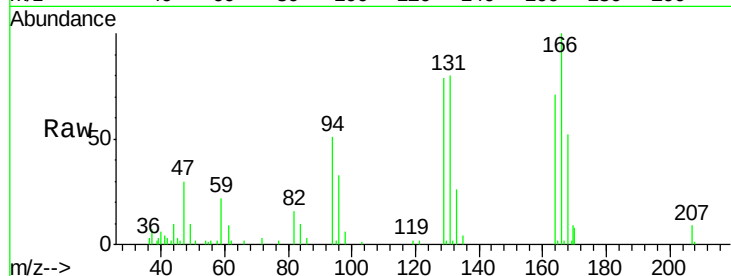




#64
Tetrachloroethene
Concen: 3.860 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012471.D
Acq: 18 Sep 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190910DL

Tot Ion:164 Resp: 4342
Ion Ratio Lower Upper
164 100
166 140.2 107.8 161.6
129 110.8 86.2 129.2
131 111.9 80.4 120.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012471.D
Acq: 18 Sep 2019 14:14

Tgt Ion:152 Resp: 106335
Ion Ratio Lower Upper
152 100
115 62.8 44.1 132.3
150 157.6 0.0 343.8

