

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012472.D
 Acq On : 18 Sep 2019 14:37
 Operator : JC/SP
 Sample : K4858-18DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20190910DL

Quant Time: Sep 19 07:05:03 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

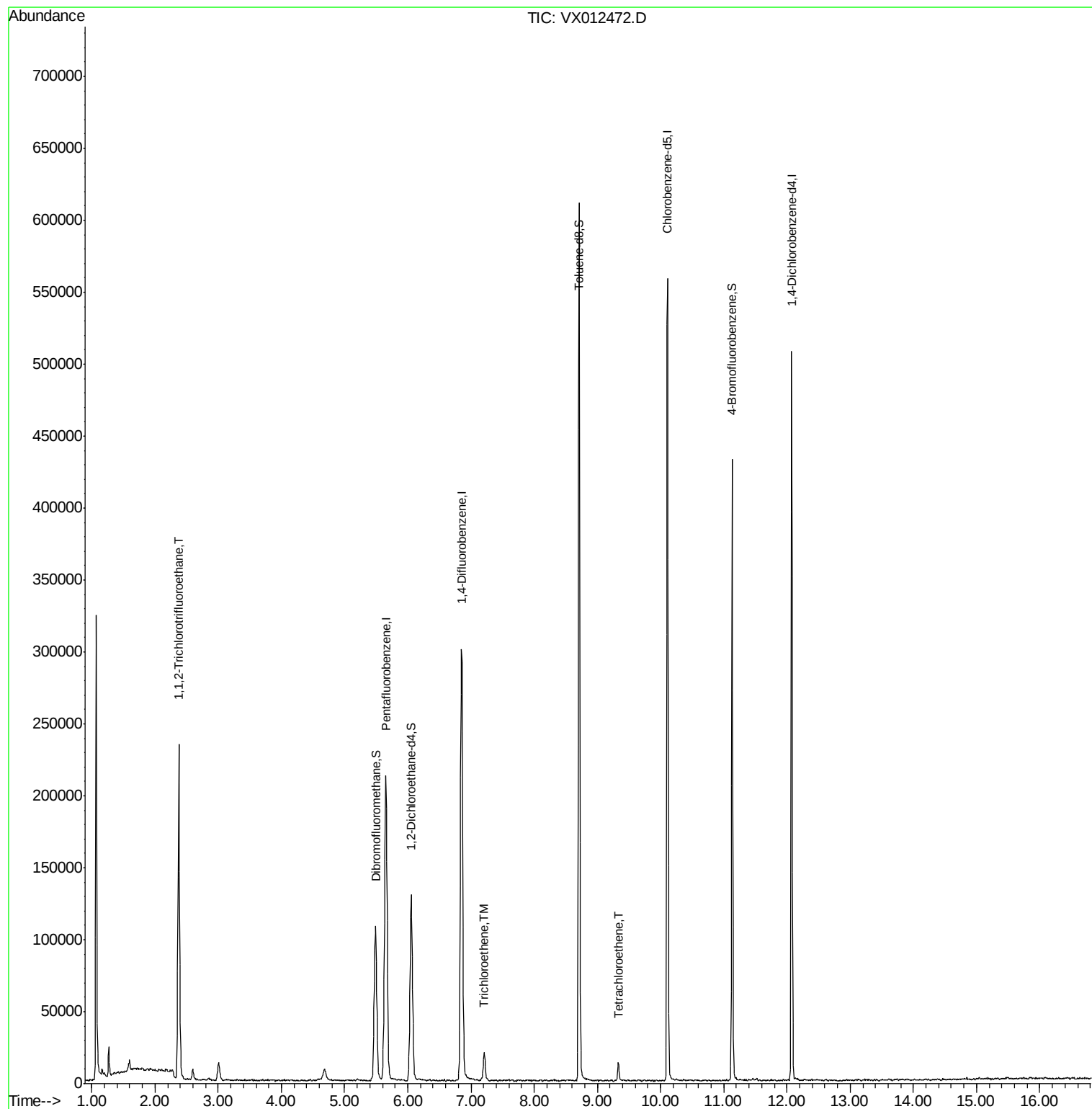
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	190215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127283	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	5.49	113	89904	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	8.71	98	343455	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.14	95	118223	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89578	59.754	ug/l	98
44) Trichloroethene	7.21	130	7818	5.117	ug/l	95
64) Tetrachloroethene	9.33	164	2399	2.130	ug/l #	85

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012472.D

Acq: 18 Sep 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

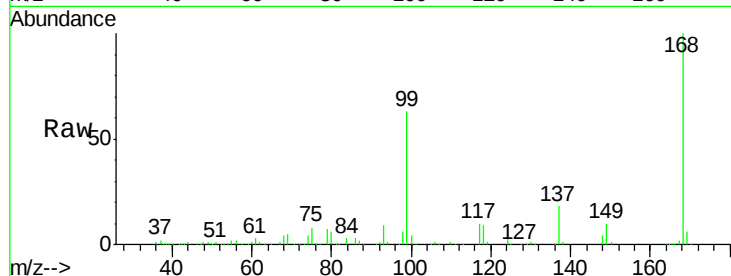
RE131D3-20190910DL

Tot Ion:168 Resp: 190215

Ion Ratio Lower Upper

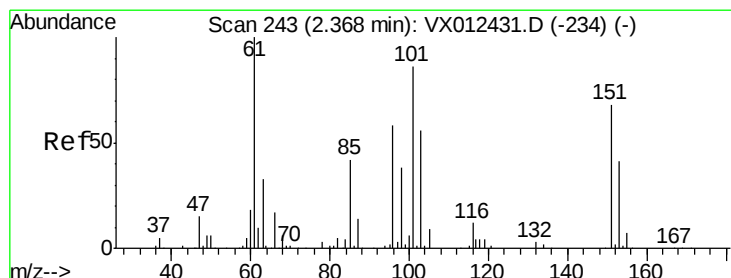
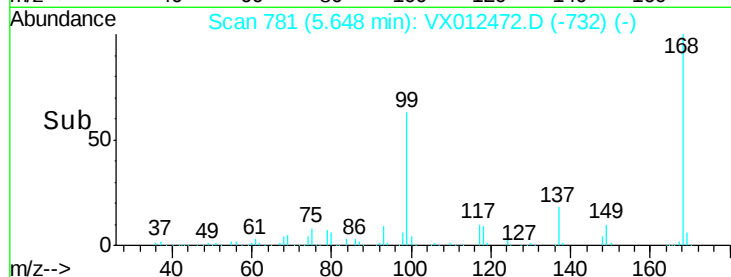
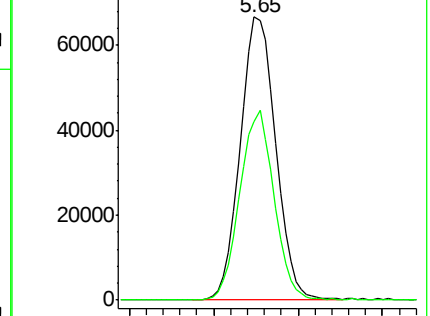
168 100

99 63.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 59.754 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012472.D

Acq: 18 Sep 2019 14:37

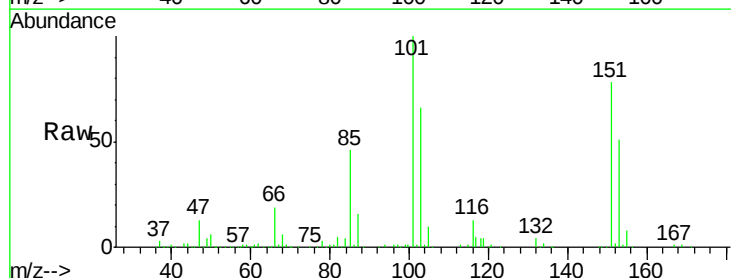
Tgt Ion:101 Resp: 89578

Ion Ratio Lower Upper

101 100

85 44.3 37.3 55.9

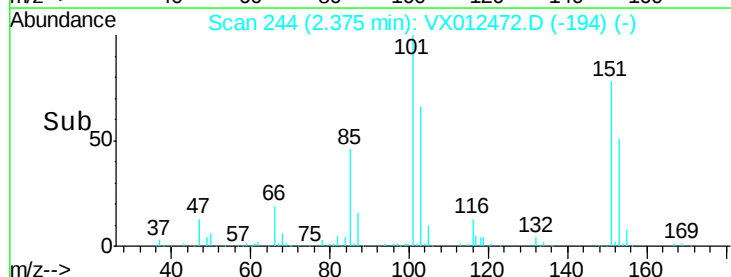
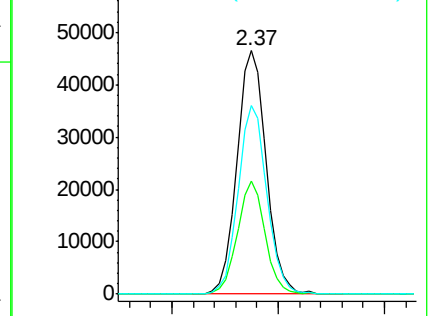
151 76.5 61.0 91.4

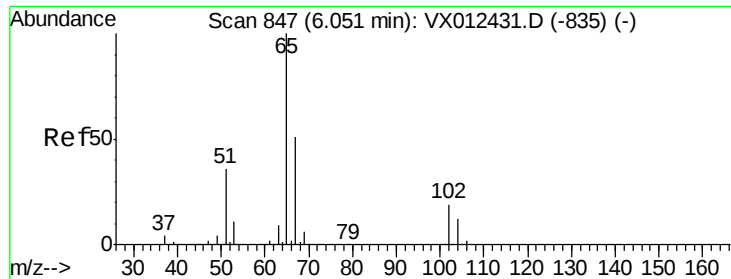


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

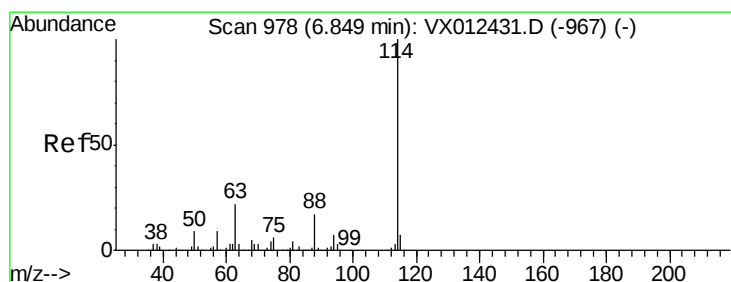
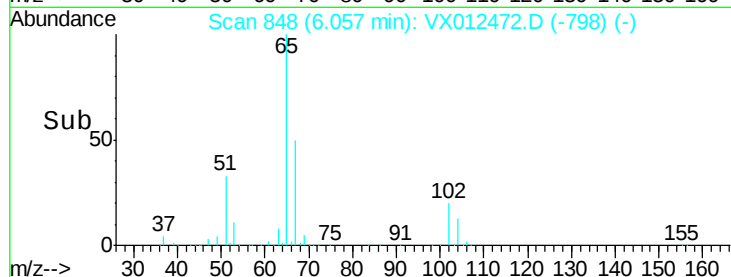
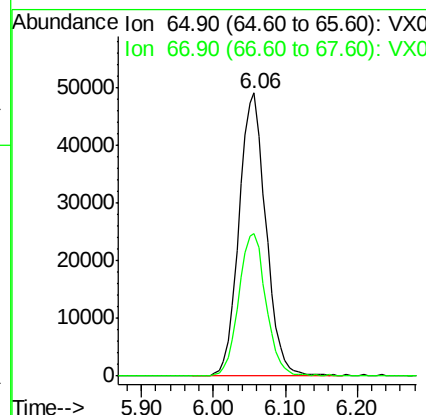
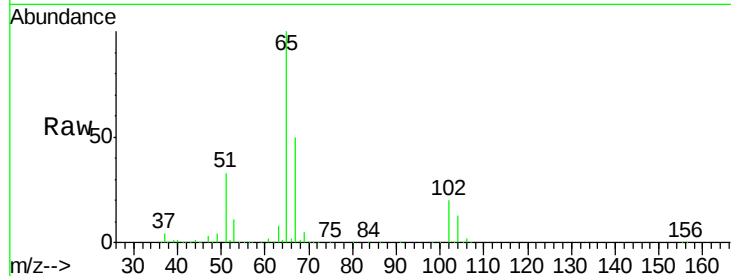




#33
 1,2-Dichloroethane-d4
 Concen: 46.689 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012472.D
 Acq: 18 Sep 2019 14:37

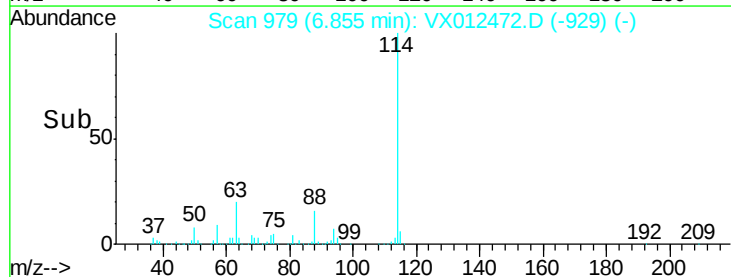
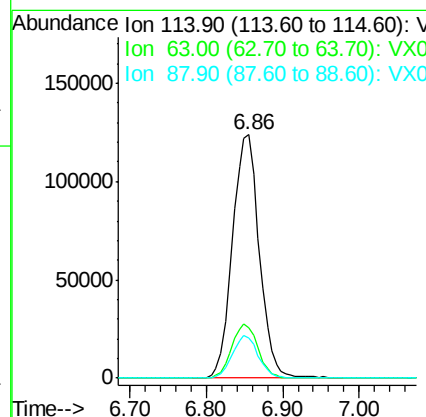
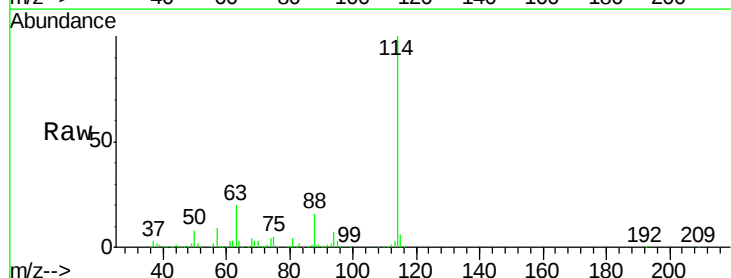
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20190910DL

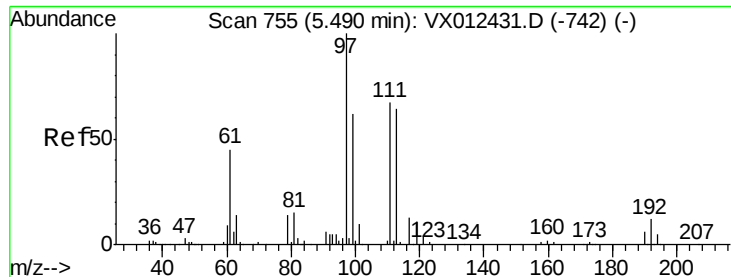
Tot Ion: 65 Resp: 127283
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012472.D
 Acq: 18 Sep 2019 14:37

Tgt Ion: 114 Resp: 300505
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.429 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012472.D

Acq: 18 Sep 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20190910DL

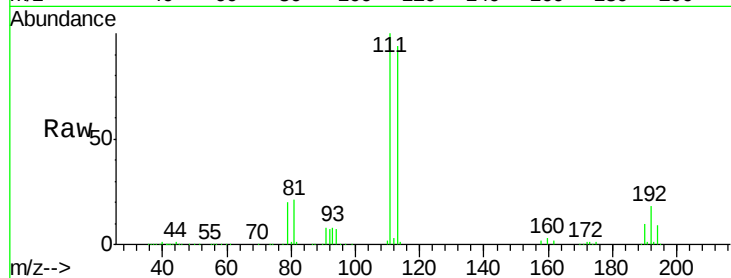
Tot Ion:113 Resp: 89904

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

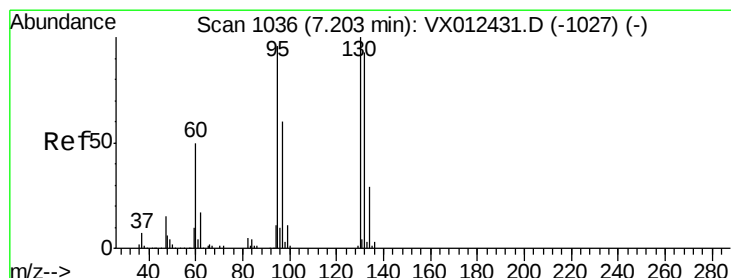
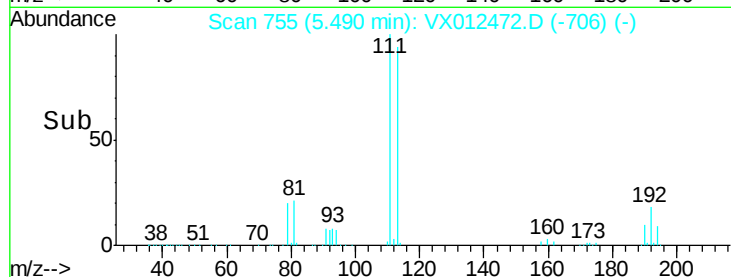
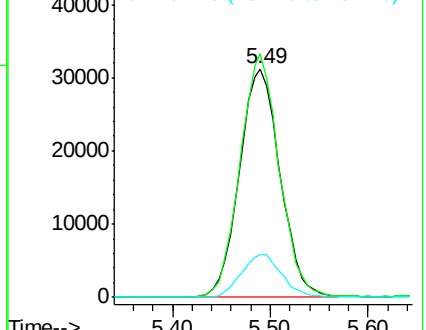
192 18.9 14.4 21.6



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: 5.117 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012472.D

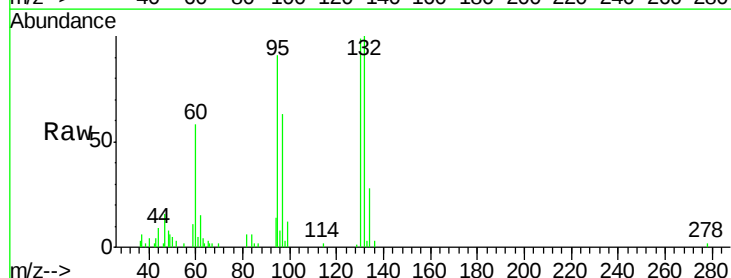
Acq: 18 Sep 2019 14:37

Tgt Ion:130 Resp: 7818

Ion Ratio Lower Upper

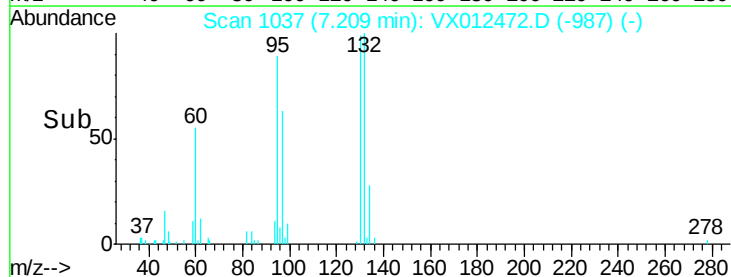
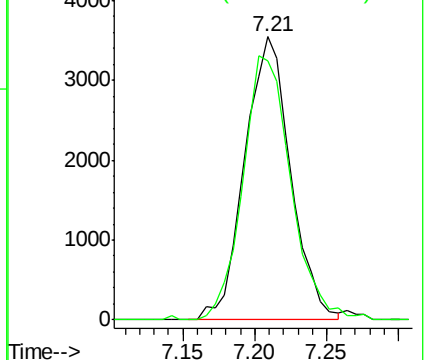
130 100

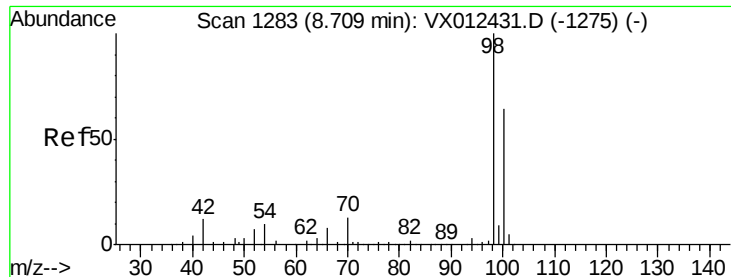
95 91.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

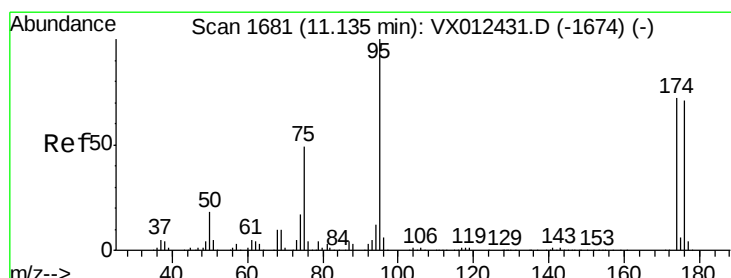
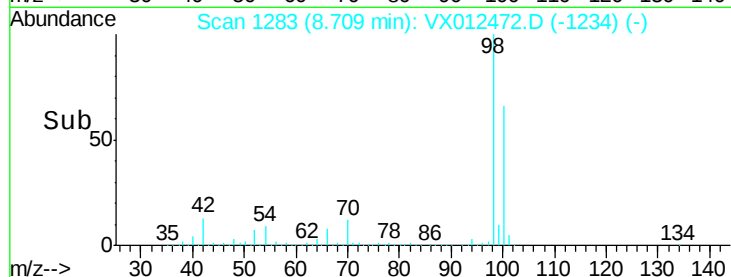
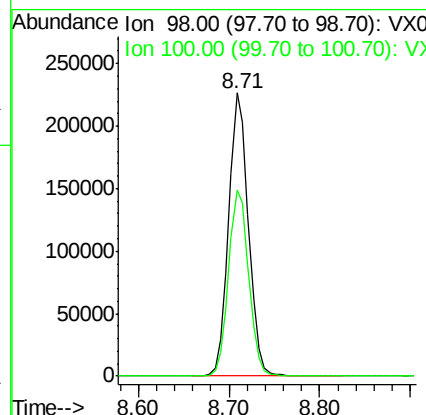
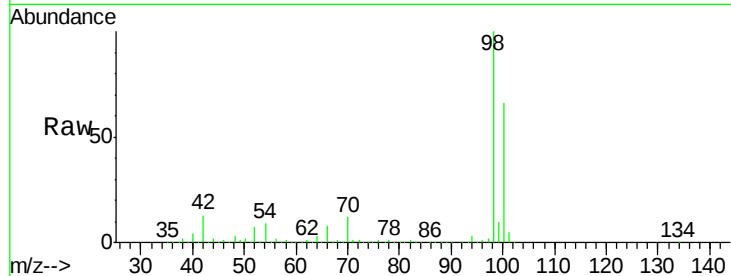




#50
Toluene-d8
Concen: 51.016 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

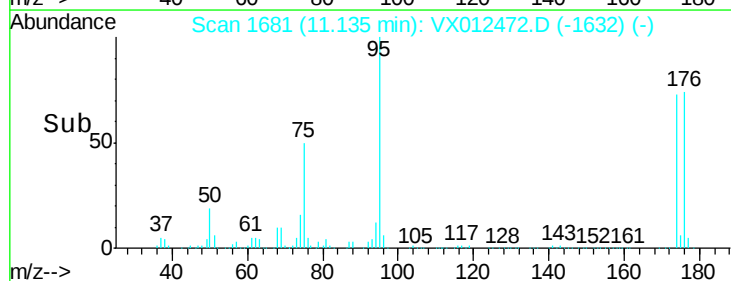
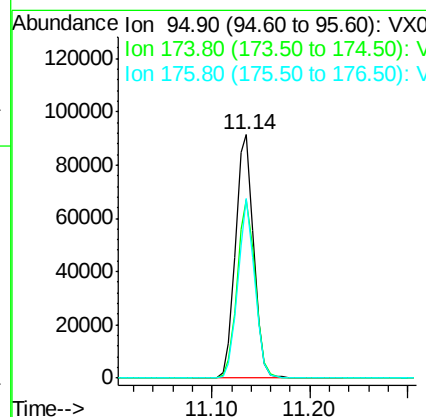
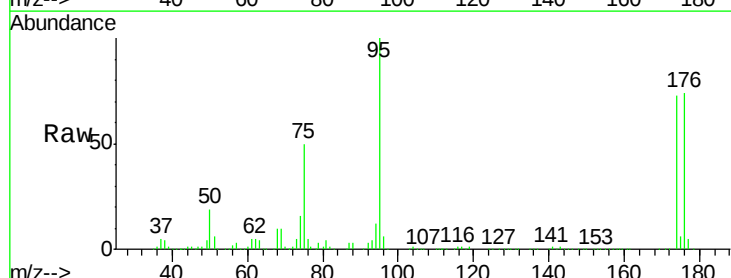
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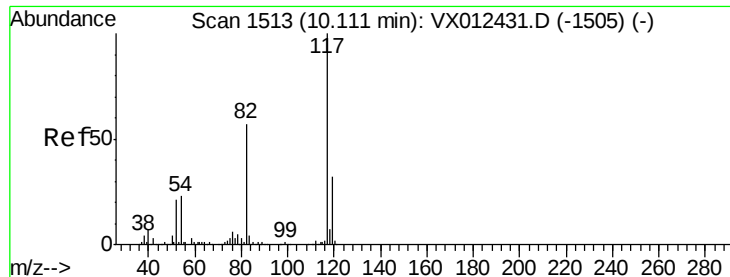
Tot Ion: 98 Resp: 343455
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 42.293 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 95 Resp: 118223
Ion Ratio Lower Upper
95 100
174 72.4 0.0 140.0
176 68.1 0.0 135.4

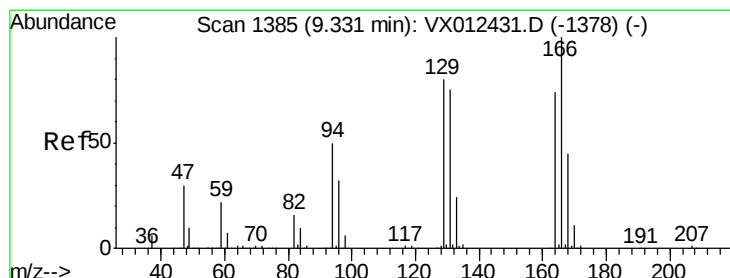
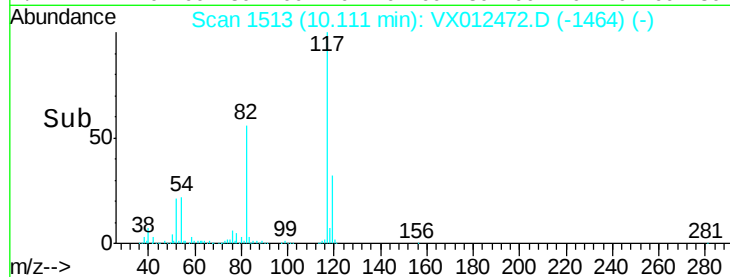
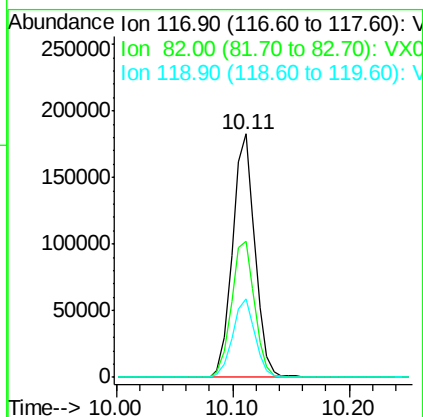
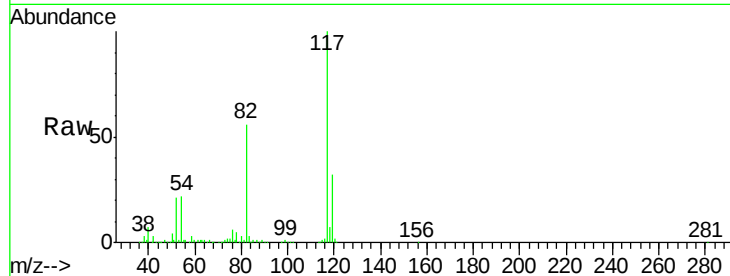




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

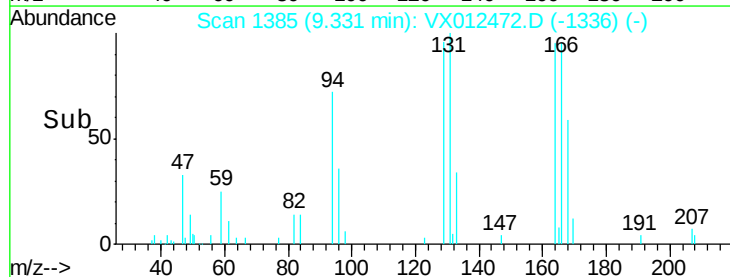
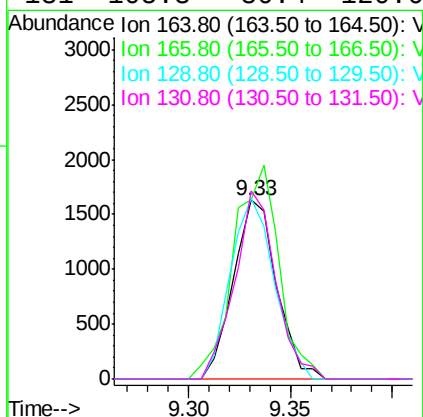
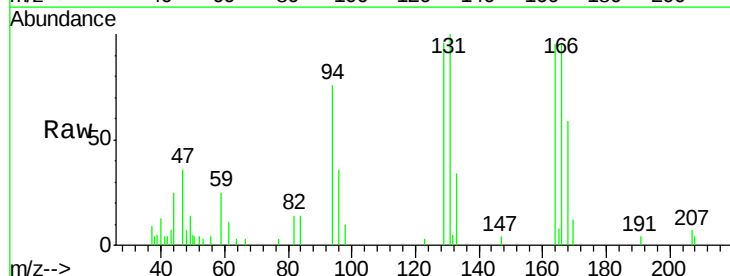
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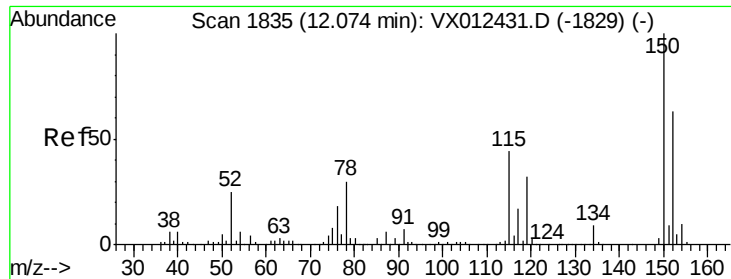
Tot Ion:117 Resp: 245774
Ion Ratio Lower Upper
117 100
82 55.7 45.9 68.9
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 2.130 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion:164 Resp: 2399
Ion Ratio Lower Upper
164 100
166 100.0 107.8 161.6#
129 101.2 86.2 129.2
131 105.3 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: VX012472.D
 Acq: 18 Sep 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20190910DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.8	44.1	132.3
150	158.9	0.0	343.8

