

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012538.D
 Acq On : 19 Sep 2019 19:04
 Operator : JC/SP
 Sample : K4858-27DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911DL

Quant Time: Sep 20 06:56:10 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

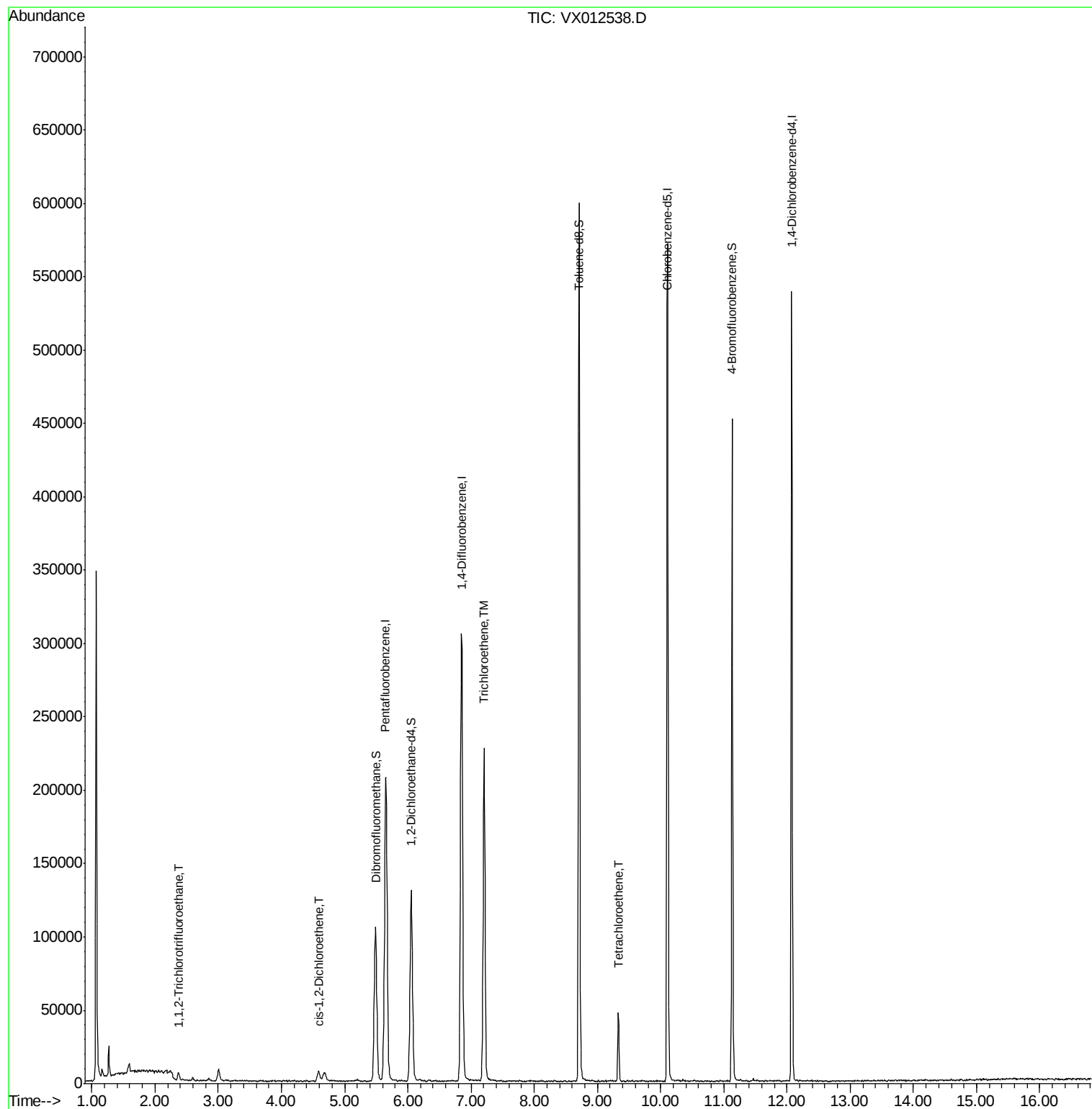
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	128506	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	5.49	113	89012	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	338592	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.14	95	122732	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1650	1.128	ug/l #	89
27) cis-1,2-Dichloroethene	4.59	96	3697	2.042	ug/l	89
44) Trichloroethene	7.21	130	85838	57.242	ug/l	94
64) Tetrachloroethene	9.33	164	8044	7.062	ug/l	94

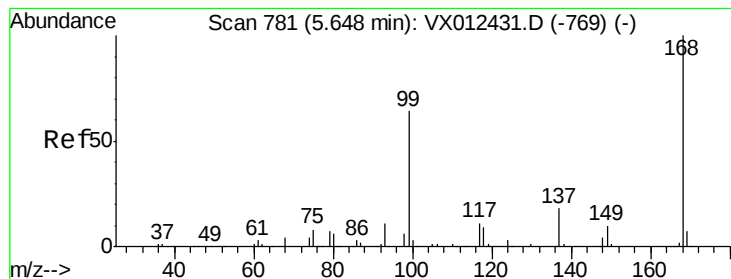
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012538.D

Acq: 19 Sep 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

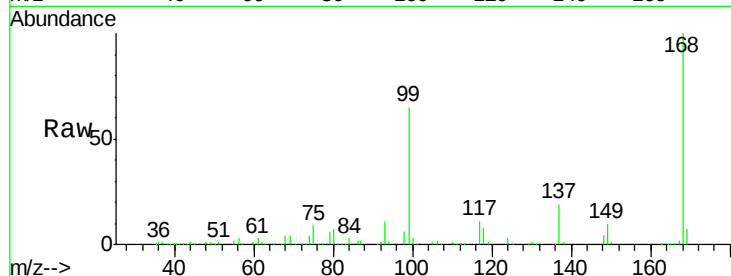
RE132D7-20190911DL

Tot Ion:168 Resp: 185625

Ion Ratio Lower Upper

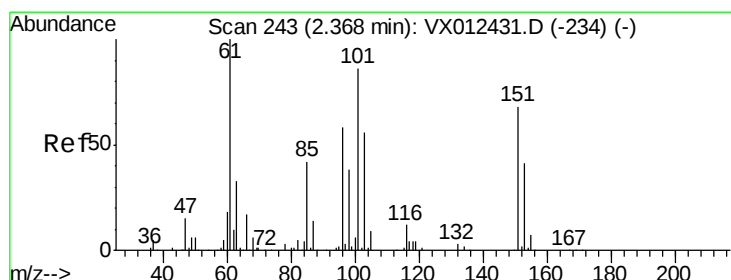
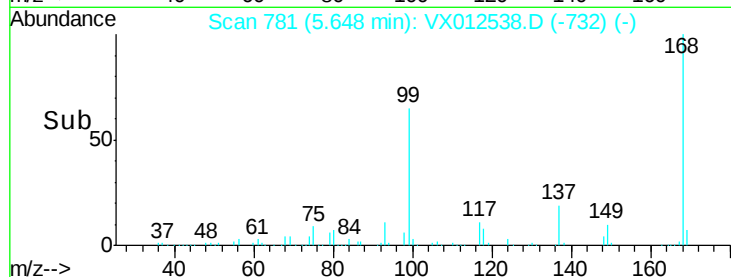
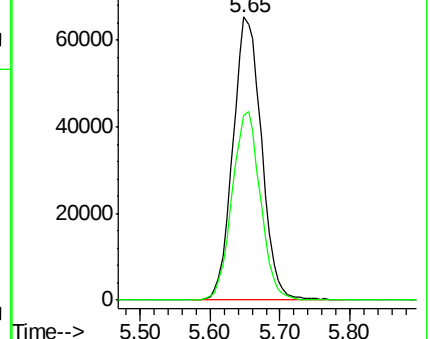
168 100

99 65.2 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: 1.128 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012538.D

Acq: 19 Sep 2019 19:04

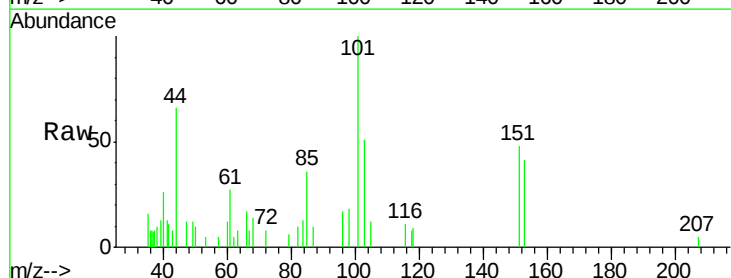
Tgt Ion:101 Resp: 1650

Ion Ratio Lower Upper

101 100

85 55.9 37.3 55.9#

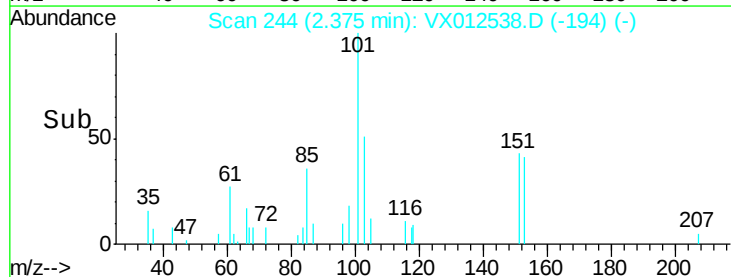
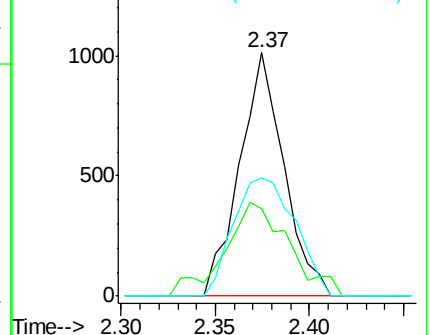
151 67.7 61.0 91.4

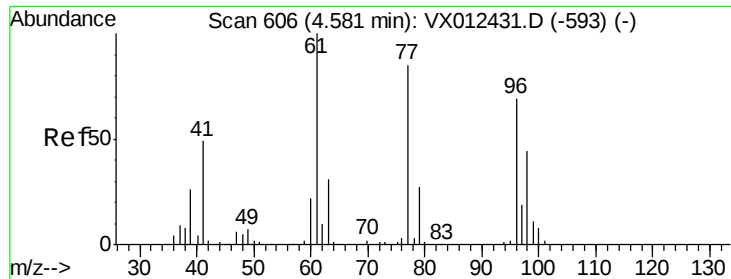


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



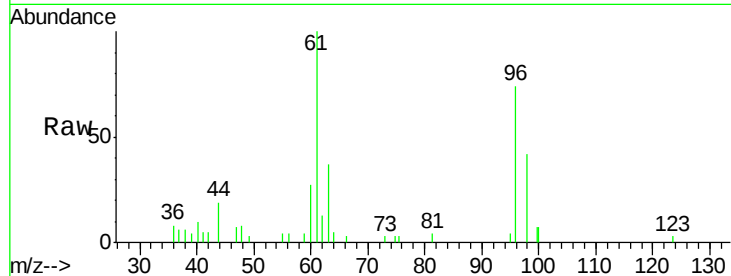


#27

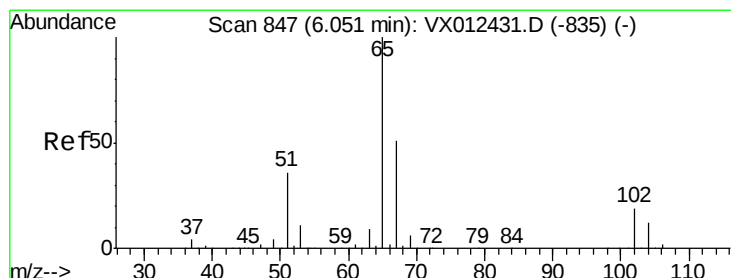
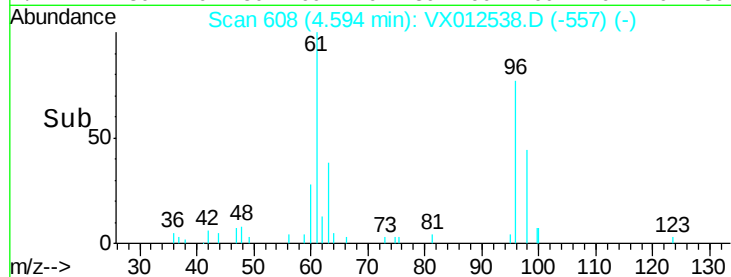
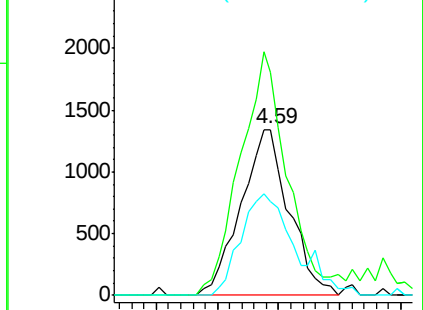
cis-1,2-Dichloroethene
 Concen: 2.042 ug/l
 RT: 4.59 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX012538.D
 Acq: 19 Sep 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	319.4
98	68.7	0.0	130.6



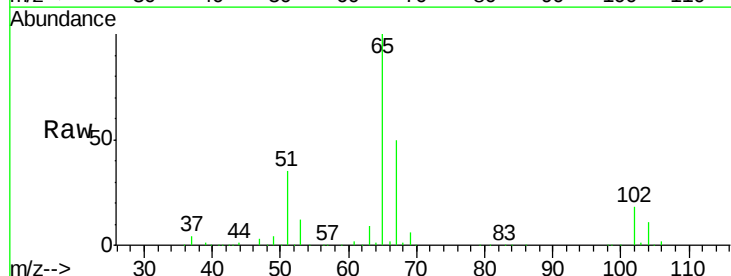
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



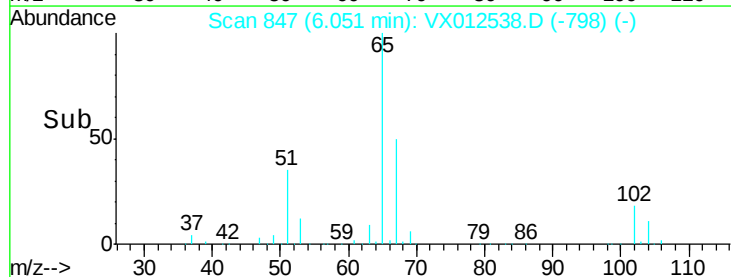
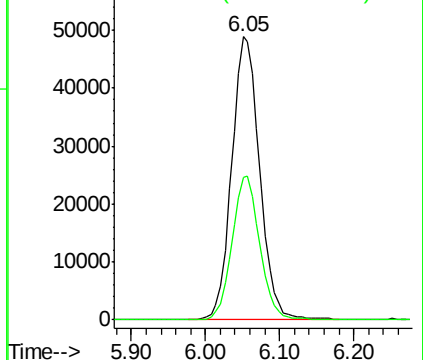
#33

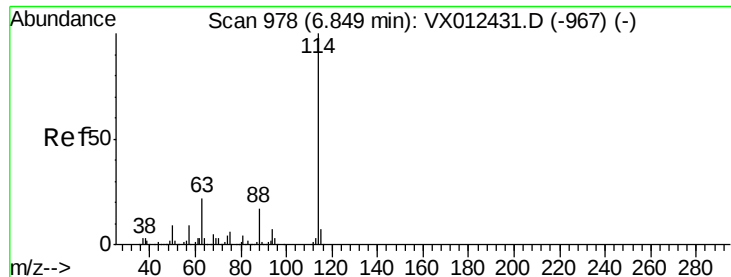
1,2-Dichloroethane-d4
 Concen: 48.304 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012538.D
 Acq: 19 Sep 2019 19:04

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012538.D

Acq: 19 Sep 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911DL

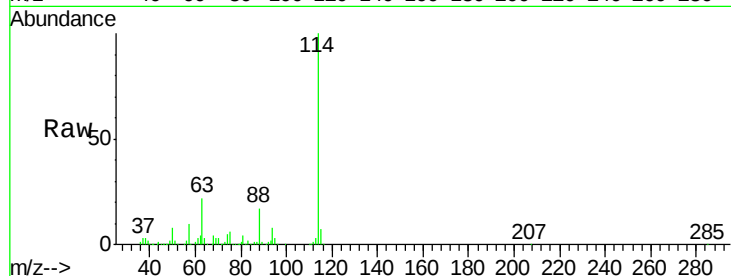
Tot Ion:114 Resp: 294967

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

88 17.3 0.0 33.2



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

150000

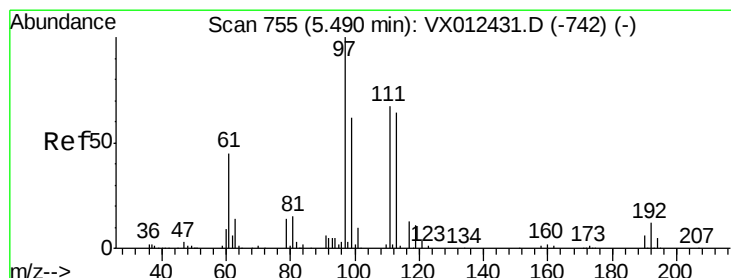
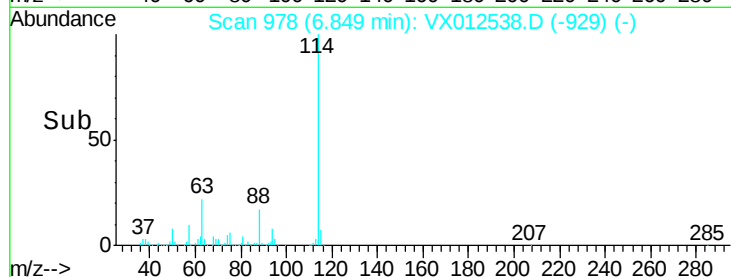
6.85

100000

50000

0

Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 49.858 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012538.D

Acq: 19 Sep 2019 19:04

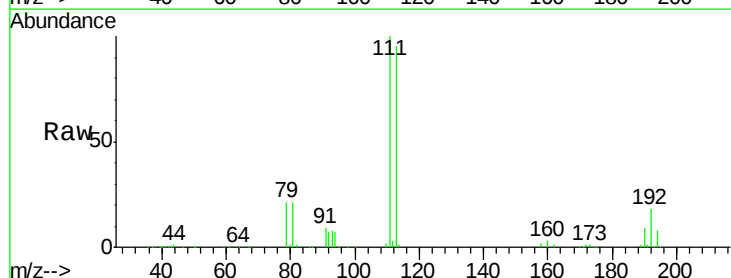
Tgt Ion:113 Resp: 89012

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 18.8 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

40000

5.49

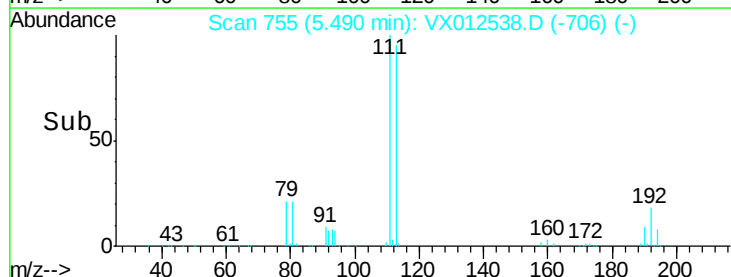
30000

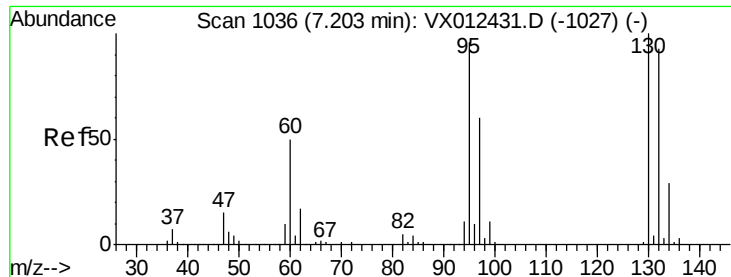
20000

10000

0

Time--> 5.30 5.40 5.50 5.60





#44

Trichloroethene

Concen: 57.242 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012538.D

Acq: 19 Sep 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

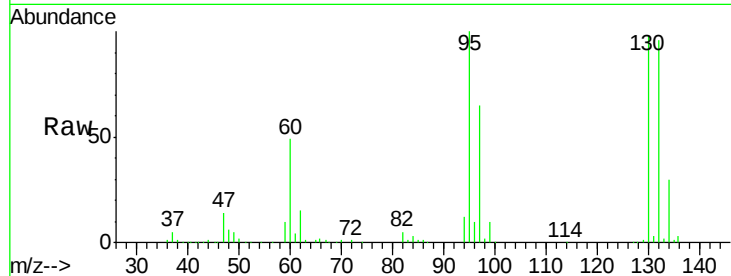
RE132D7-20190911DL

Tot Ion:130 Resp: 85838

Ion Ratio Lower Upper

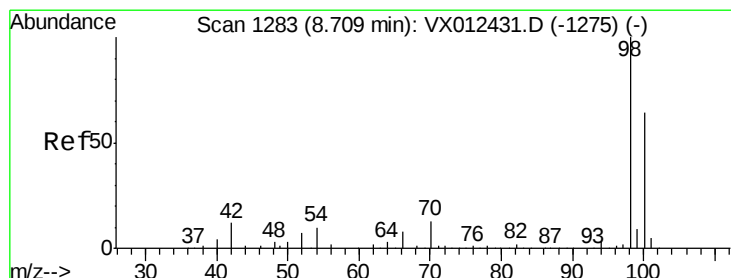
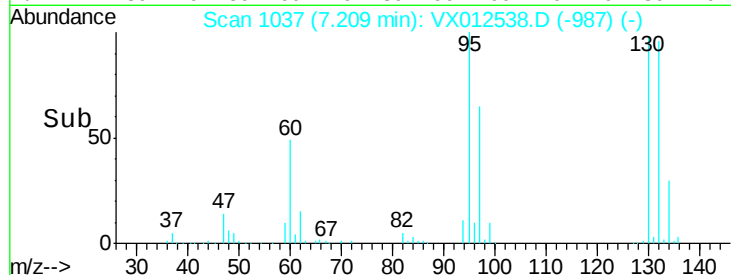
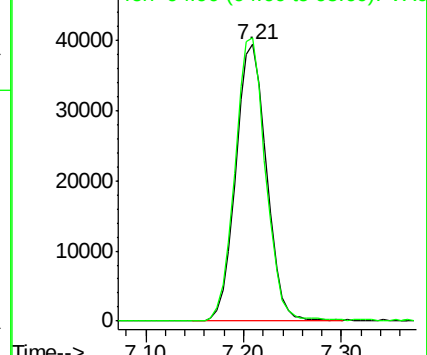
130 100

95 102.3 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: 51.238 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012538.D

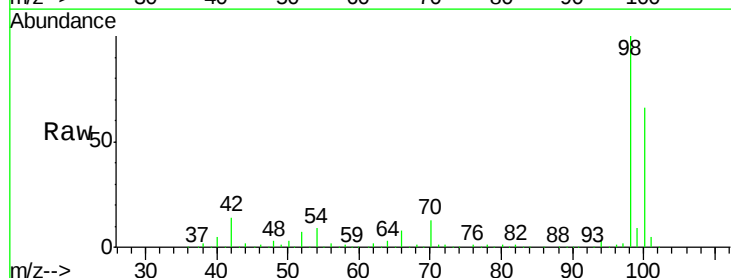
Acq: 19 Sep 2019 19:04

Tgt Ion: 98 Resp: 338592

Ion Ratio Lower Upper

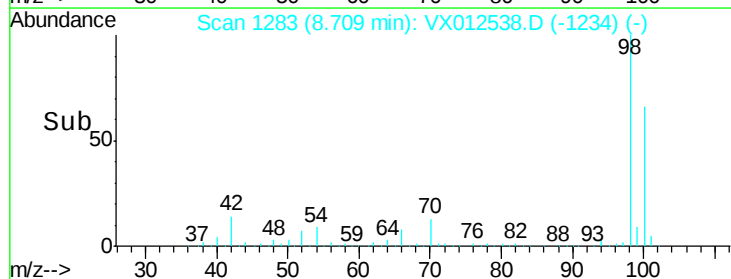
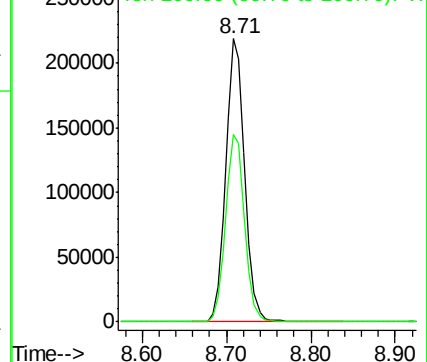
98 100

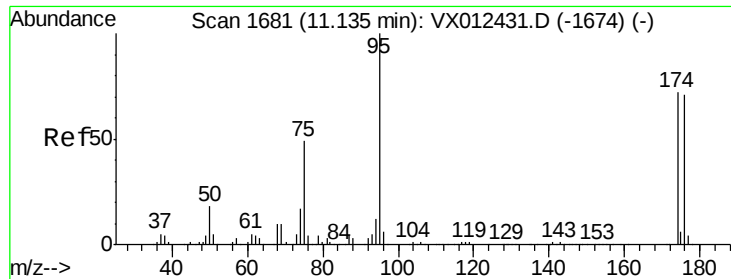
100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.731 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012538.D

Acq: 19 Sep 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911DL

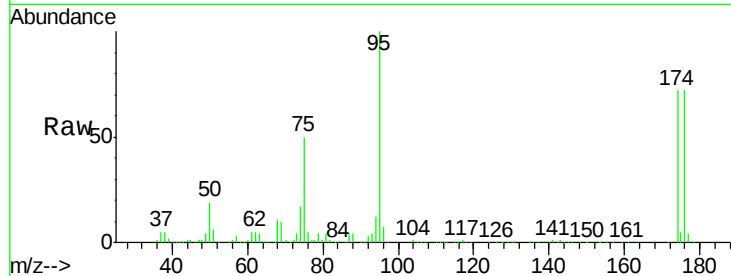
Tot Ion: 95 Resp: 122732

Ion Ratio Lower Upper

95 100

174 69.6 0.0 140.0

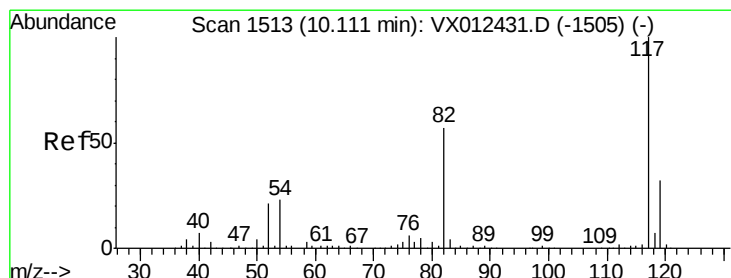
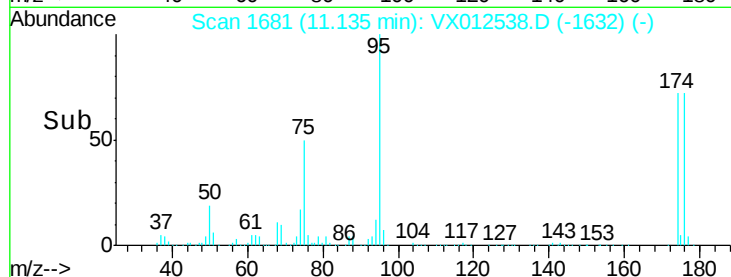
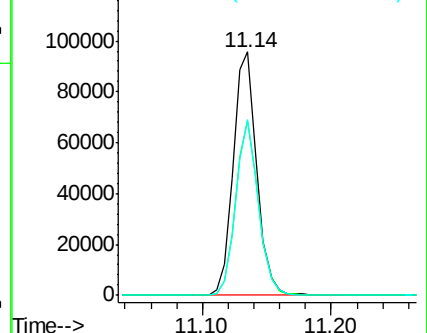
176 68.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012538.D

Acq: 19 Sep 2019 19:04

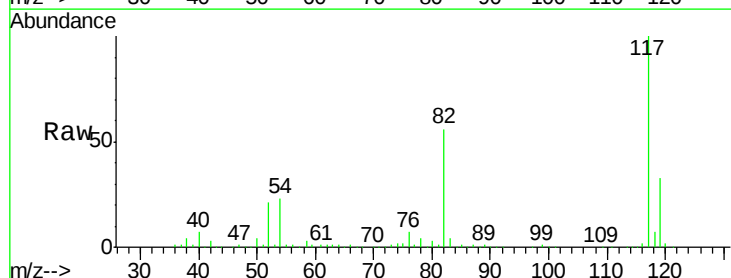
Tgt Ion: 117 Resp: 248580

Ion Ratio Lower Upper

117 100

82 56.4 45.9 68.9

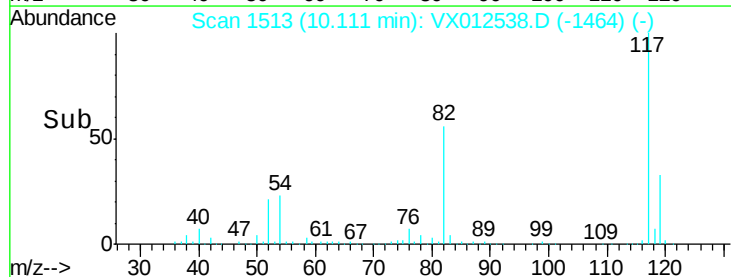
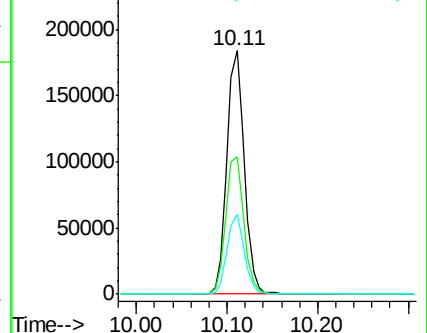
119 32.8 25.3 37.9

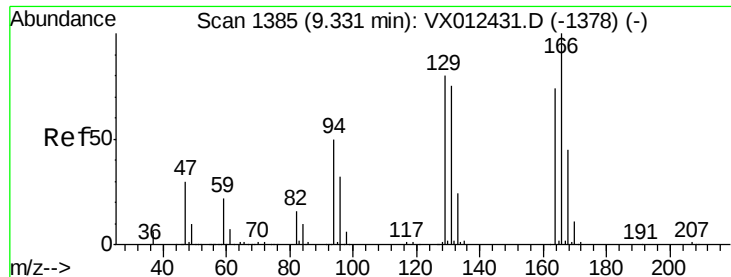


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

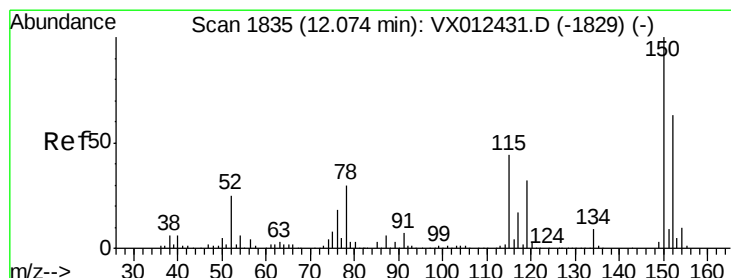
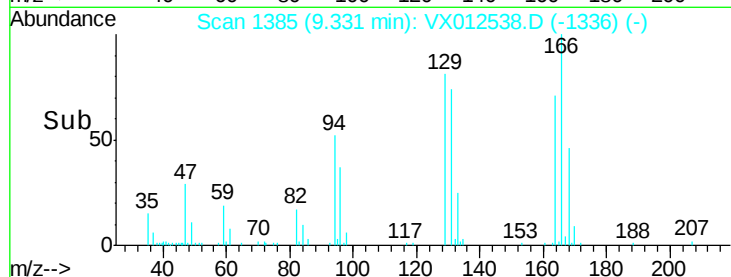
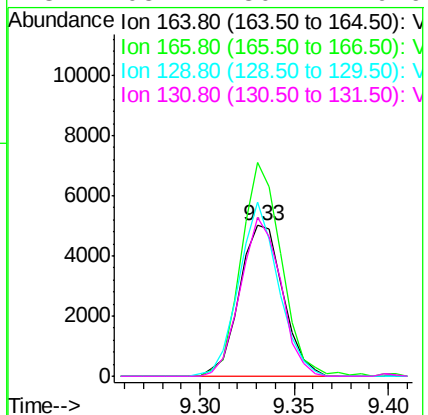
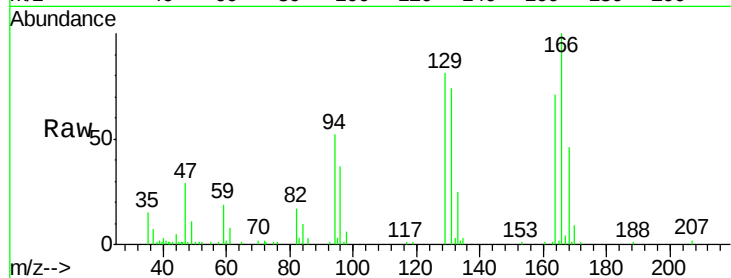




#64
Tetrachloroethene
Concen: 7.062 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012538.D
Acq: 19 Sep 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20190911DL

Tot Ion:164 Resp: 8044
Ion Ratio Lower Upper
164 100
166 141.8 107.8 161.6
129 115.5 86.2 129.2
131 105.2 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: VX012538.D
Acq: 19 Sep 2019 19:04

Tgt Ion:152 Resp: 100047
Ion Ratio Lower Upper
152 100
115 62.6 44.1 132.3
150 158.2 0.0 343.8

