

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013939.D
 Acq On : 11 Dec 2019 13:11
 Operator : JC/SP
 Sample : K6185-18DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20191205DL

Quant Time: Dec 12 07:18:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	536978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	830976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	751717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345871	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	304376	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
35) Dibromofluoromethane	5.48	113	242471	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
50) Toluene-d8	8.71	98	989519	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	350137	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	

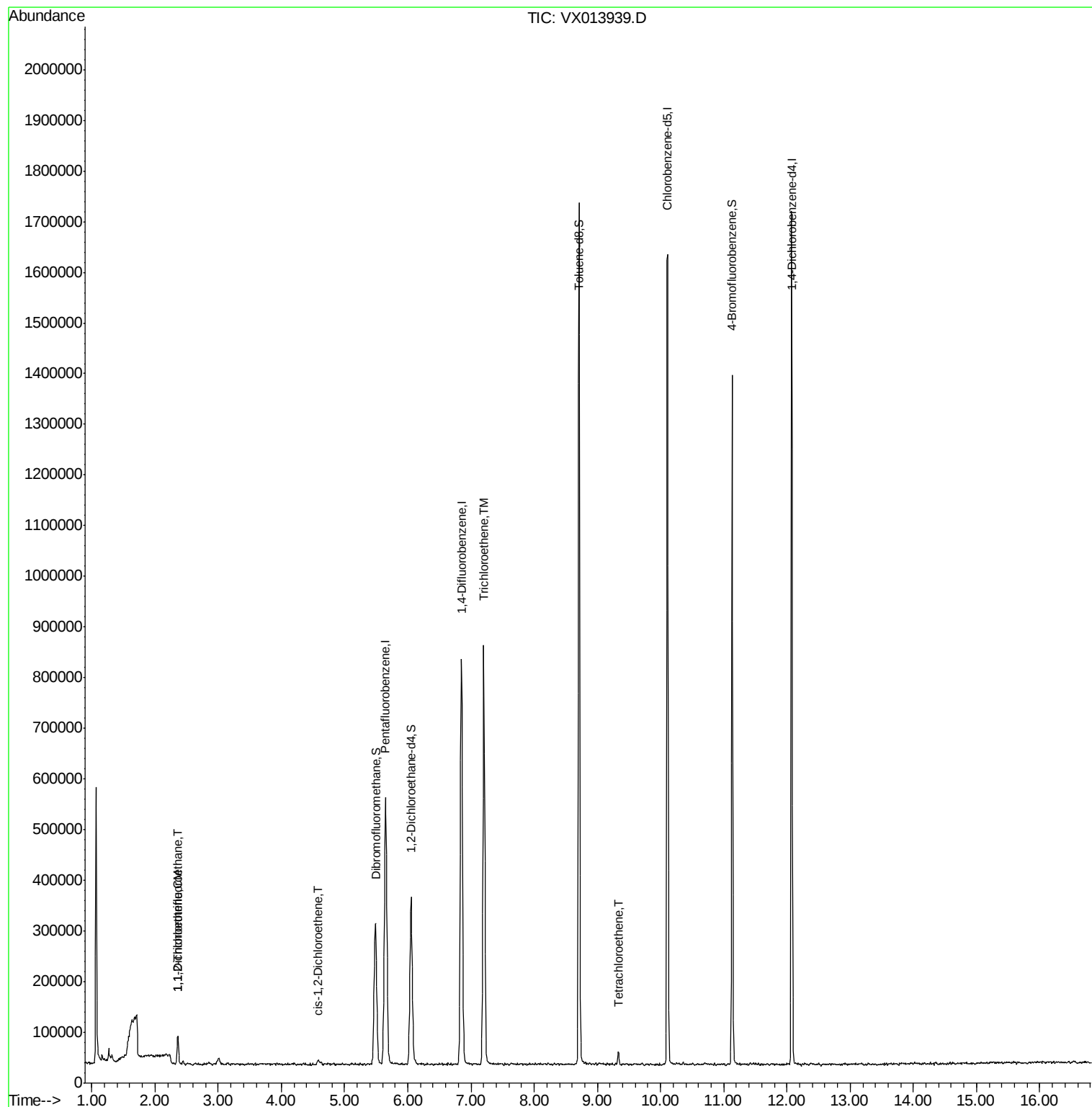
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.36	101	18395	3.593	ug/l	93
12) 1,1-Dichloroethene	2.36	96	6156	1.205	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	7144	1.117	ug/l	67
44) Trichloroethene	7.20	130	328533	52.106	ug/l	98
64) Tetrachloroethene	9.33	164	6001	1.070	ug/l	93

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

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QLast Update : Tue Nov 26 15:53:00 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: VX013939.D

Acq: 11 Dec 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

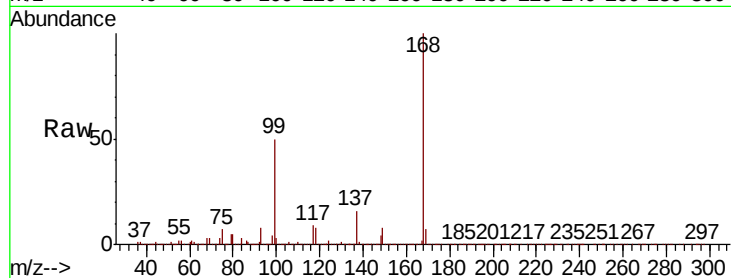
DUP03-20191205DL

Tot Ion:168 Resp: 536978

Ion Ratio Lower Upper

168 100

99 50.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

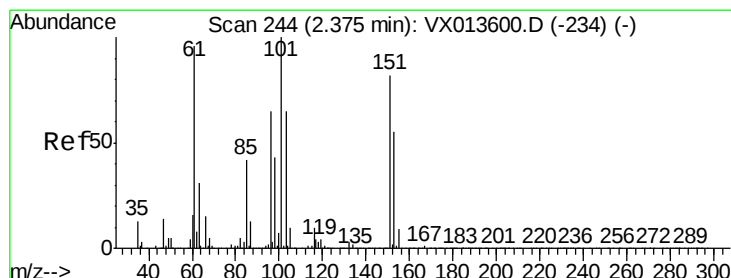
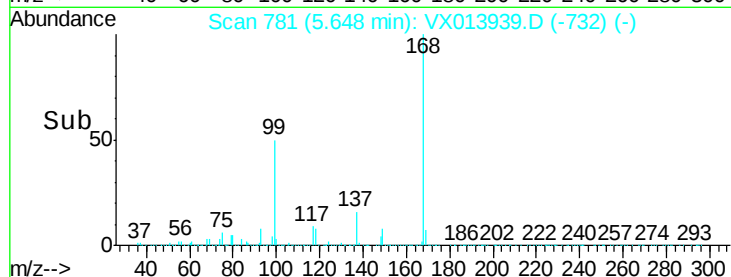
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.593 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013939.D

Acq: 11 Dec 2019 13:11

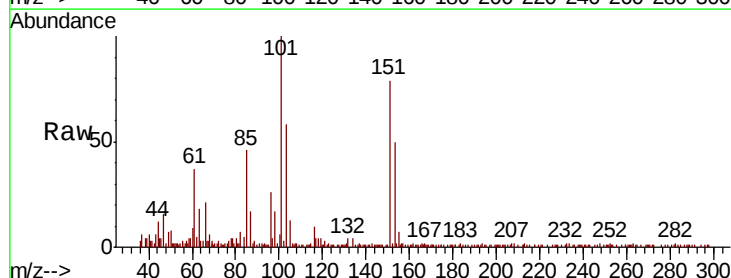
Tgt Ion:101 Resp: 18395

Ion Ratio Lower Upper

101 100

85 50.4 33.9 50.9

151 84.3 64.2 96.2



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

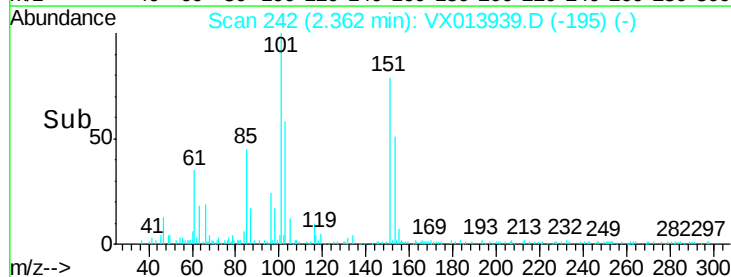
2.36

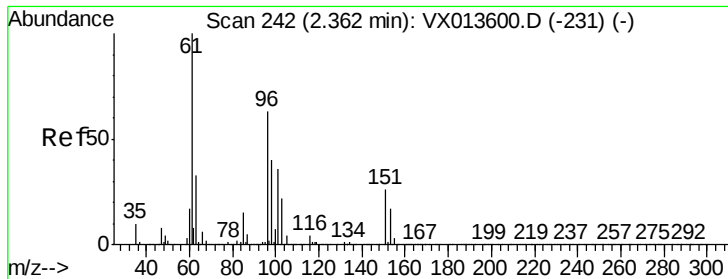
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.205 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX013939.D

Acq: 11 Dec 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20191205DL

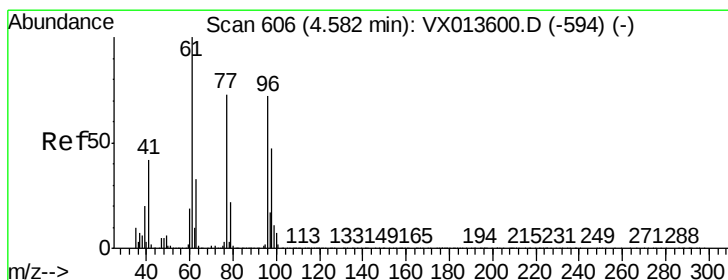
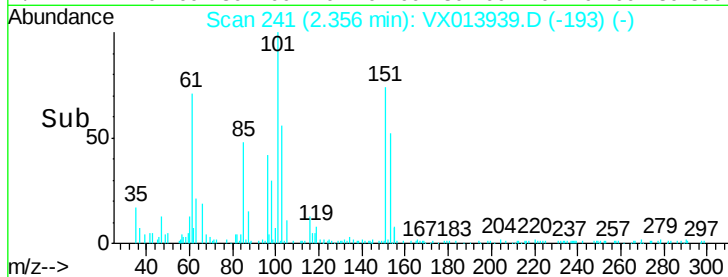
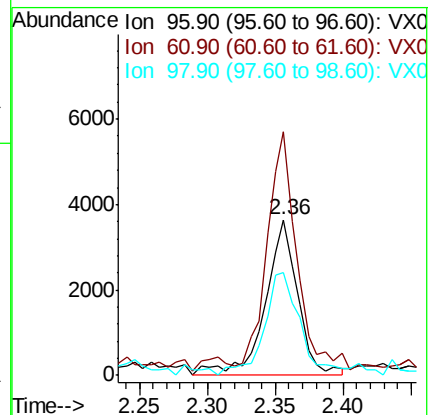
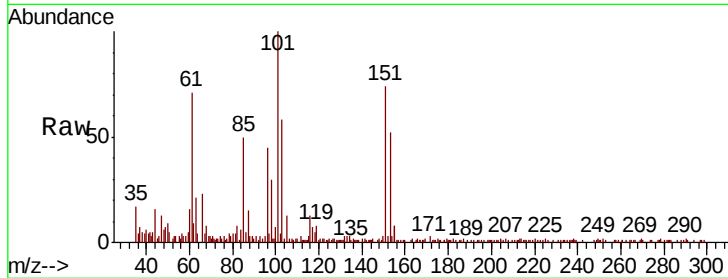
Tot Ion: 96 Resp: 6156

Ion Ratio Lower Upper

96 100

61 153.5 126.6 190.0

98 61.7 50.6 76.0



#27

cis-1,2-Dichloroethene

Concen: 1.117 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013939.D

Acq: 11 Dec 2019 13:11

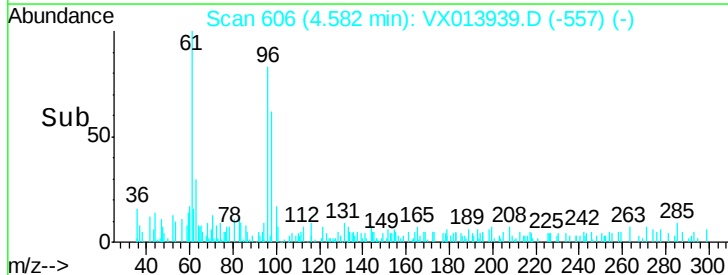
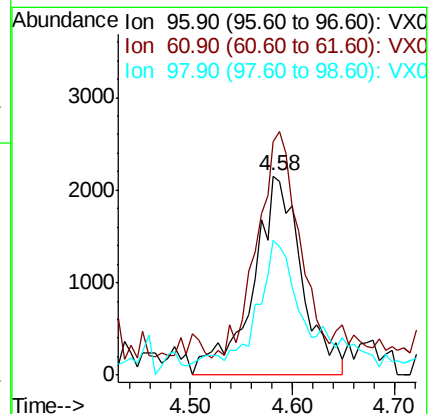
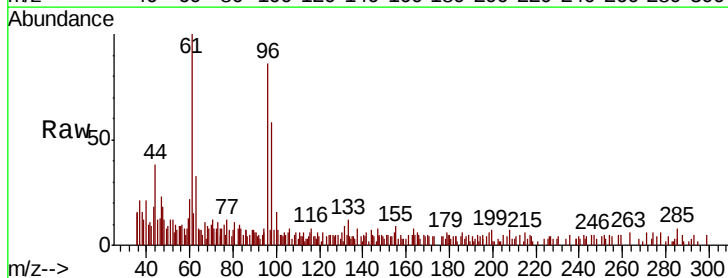
Tgt Ion: 96 Resp: 7144

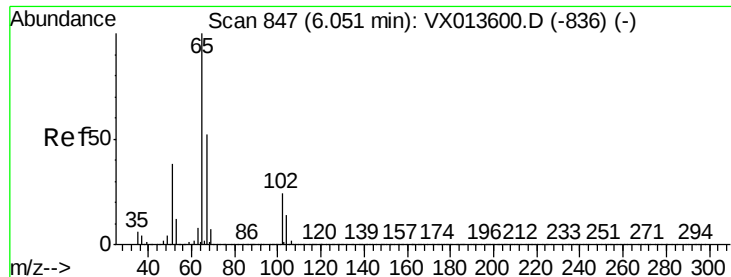
Ion Ratio Lower Upper

96 100

61 97.8 0.0 286.4

98 44.6 0.0 127.4





#33

1,2-Dichloroethane-d4

Concen: 48.832 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013939.D

Acq: 11 Dec 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

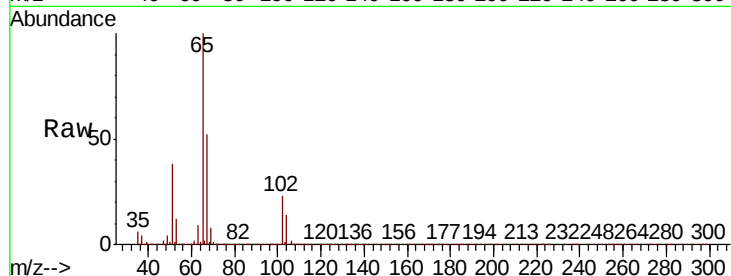
DUP03-20191205DL

Tot Ion: 65 Resp: 304376

Ion Ratio Lower Upper

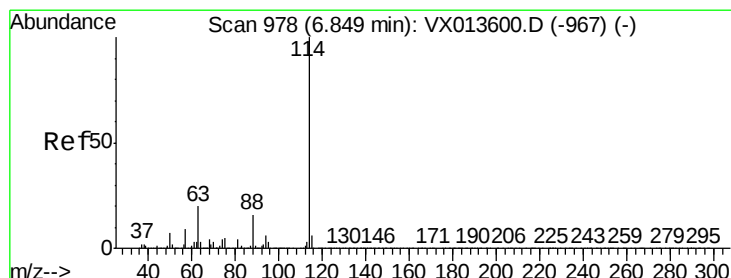
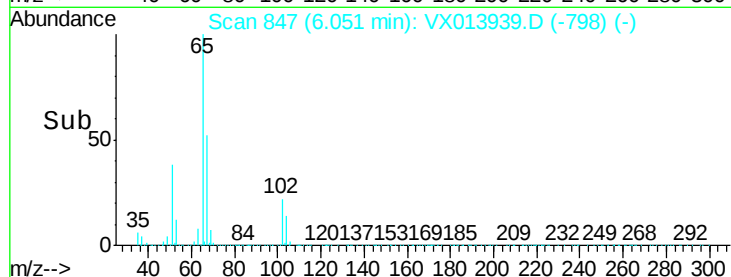
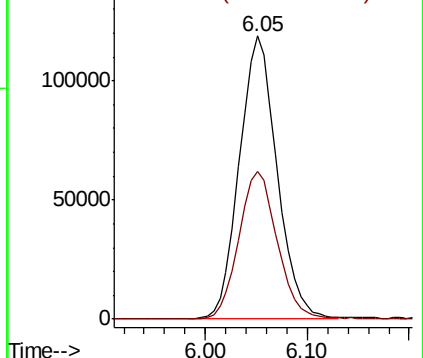
65 100

67 52.8 0.0 104.4



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: VX013939.D

Acq: 11 Dec 2019 13:11

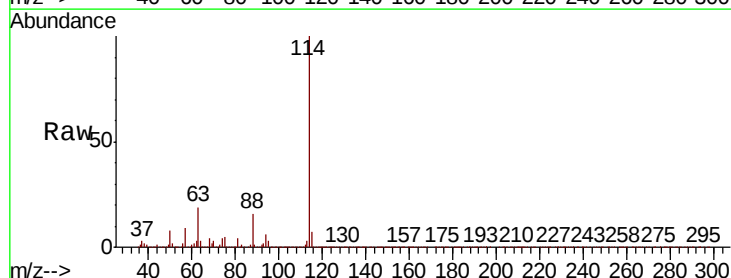
Tgt Ion: 114 Resp: 830976

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

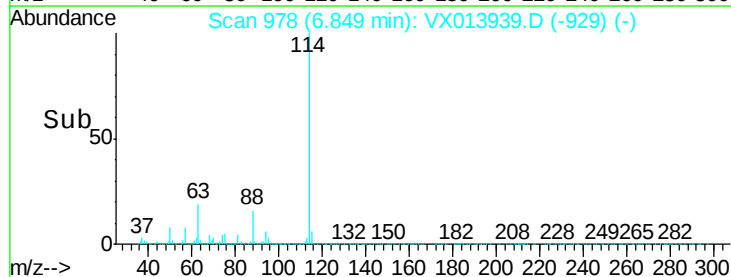
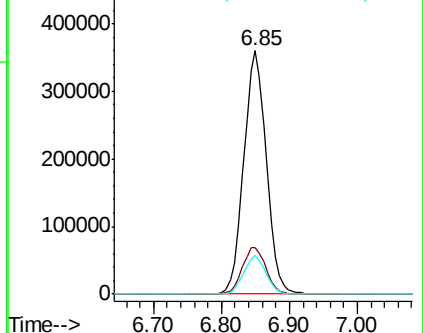
88 15.7 0.0 31.4

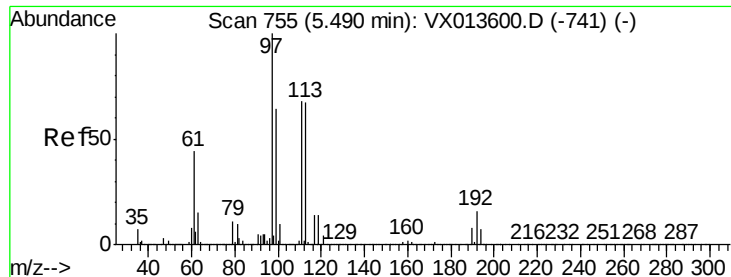


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

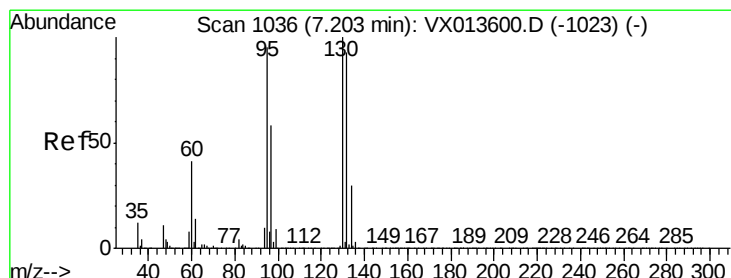
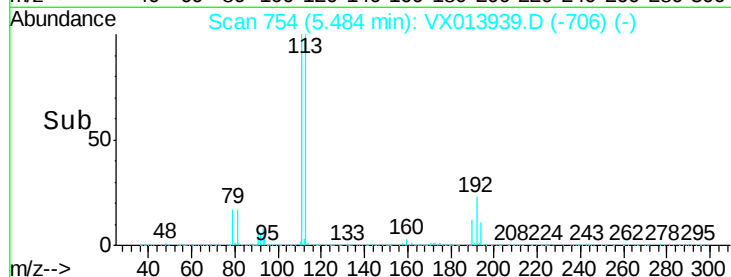
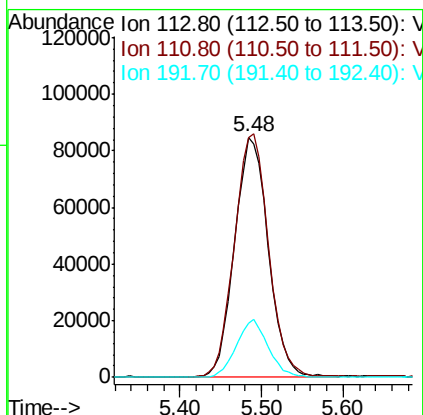
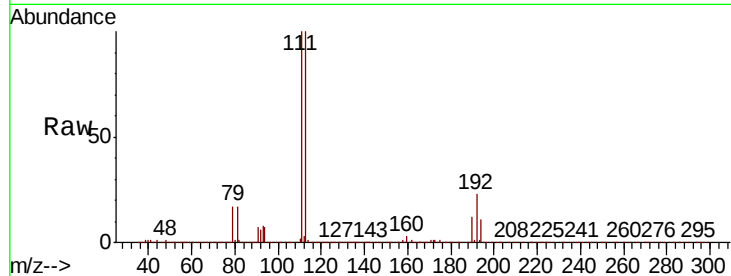




#35
Dibromofluoromethane
Concen: 47.199 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

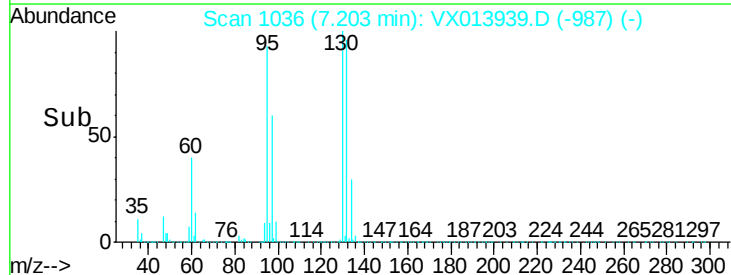
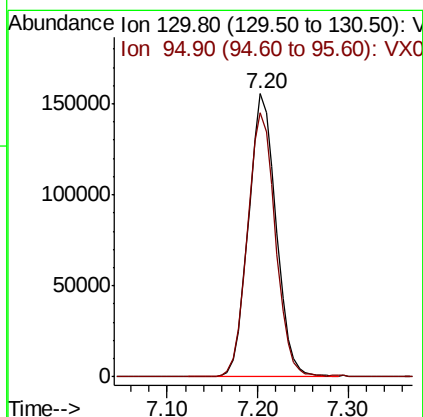
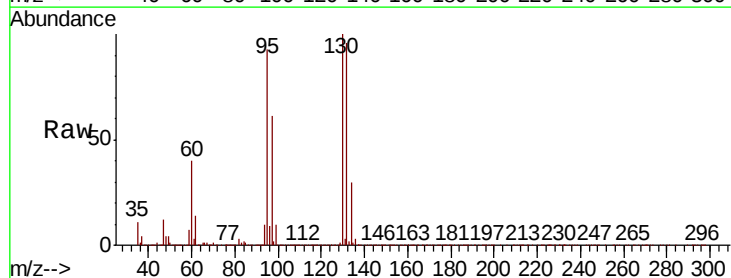
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

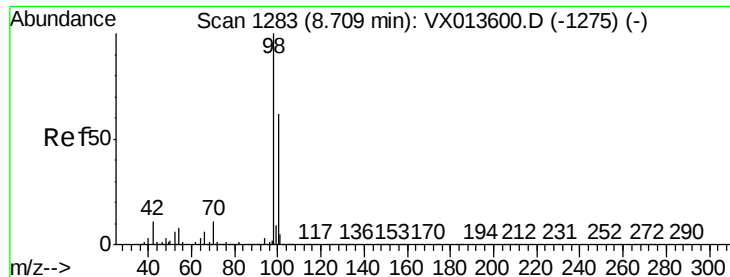
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.6	125.4
192	23.0	19.2	28.8



#44
Trichloroethene
Concen: 52.106 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	190.8





#50

Toluene-d8

Concen: 49.439 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013939.D

Acq: 11 Dec 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

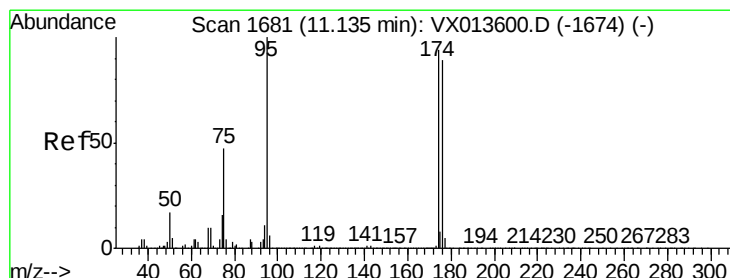
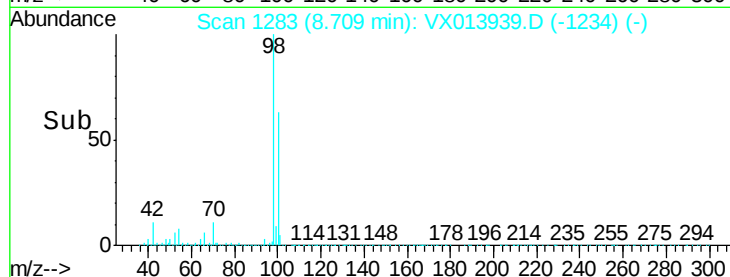
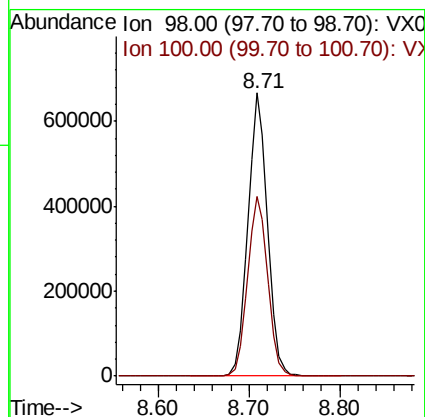
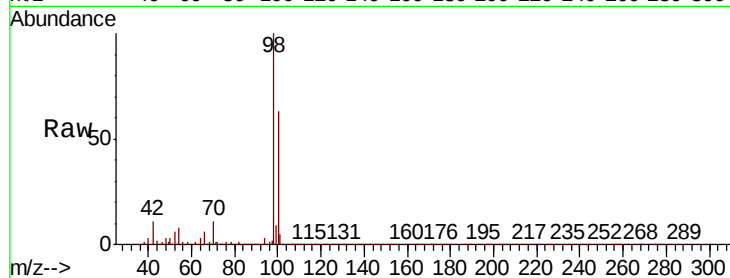
DUP03-20191205DL

Tot Ion: 98 Resp: 989519

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.512 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013939.D

Acq: 11 Dec 2019 13:11

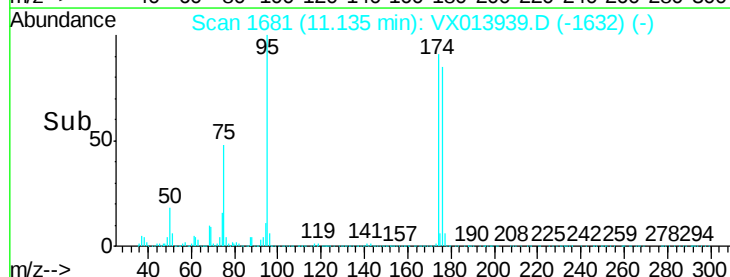
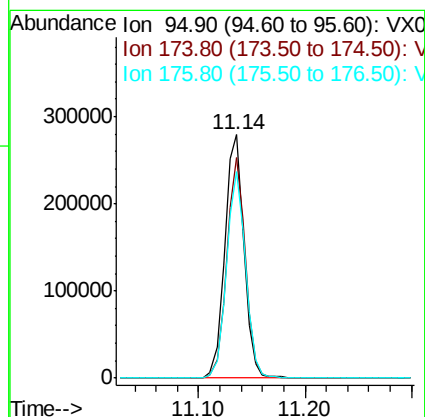
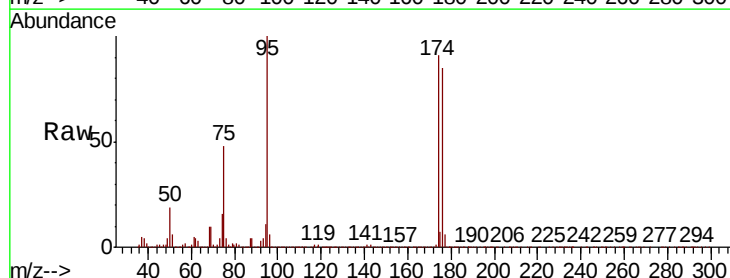
Tgt Ion: 95 Resp: 350137

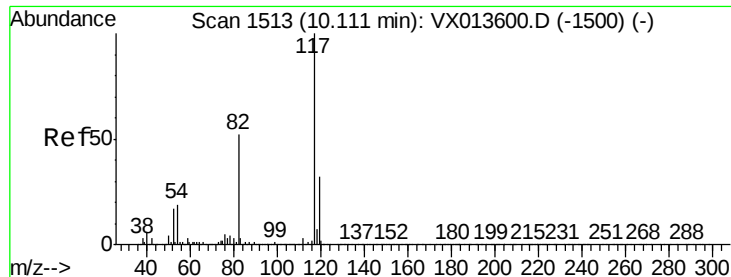
Ion Ratio Lower Upper

95 100

174 88.4 0.0 180.0

176 84.5 0.0 173.6

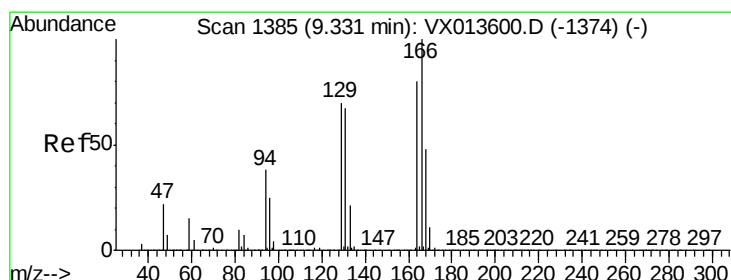
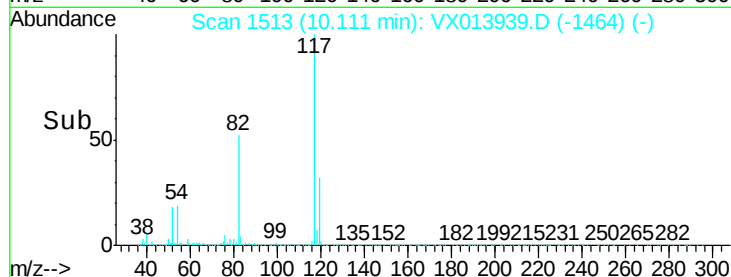
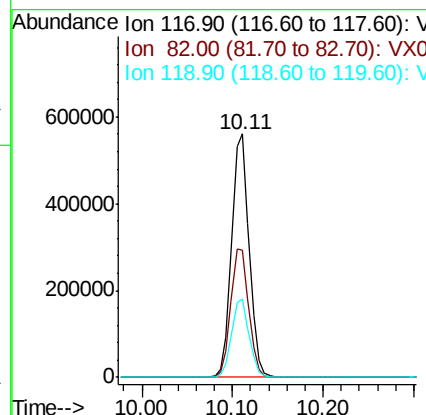
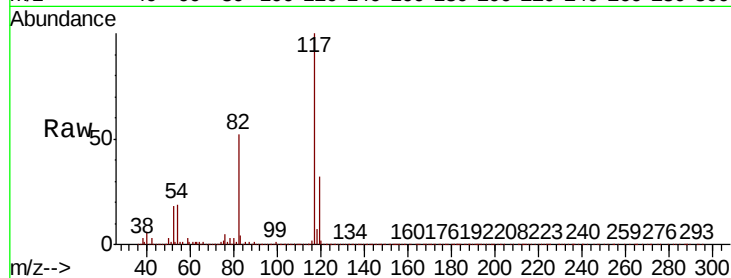




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

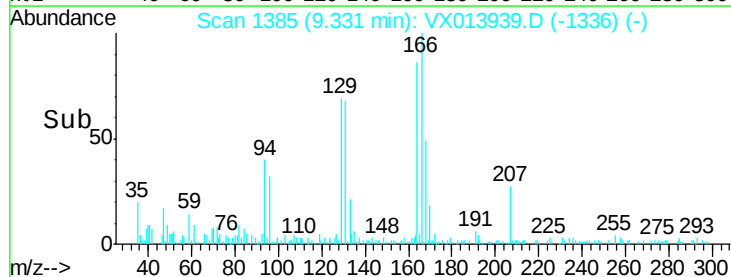
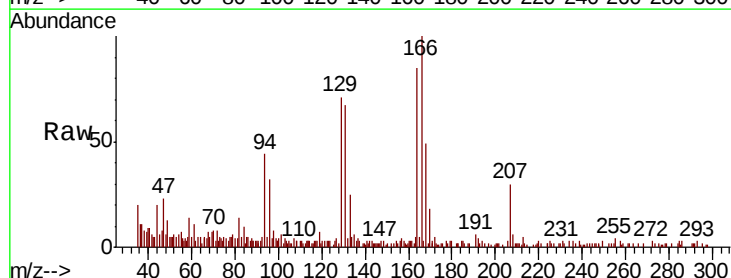
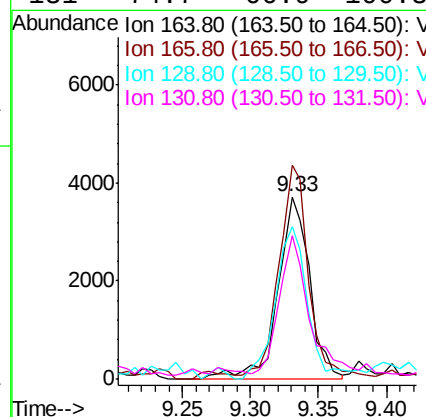
Instrument :
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ClientSampleId :
DUP03-20191205DL

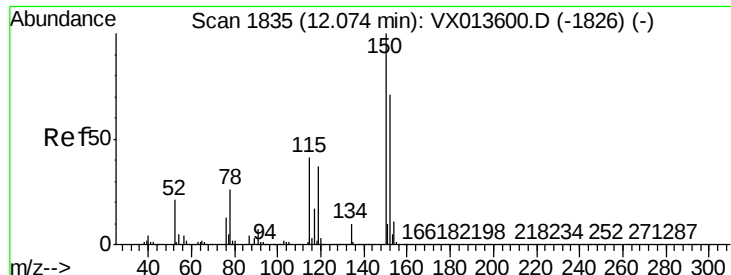
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 1.070 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.0	99.7	149.5
129	80.5	70.1	105.1
131	74.7	66.9	100.3





#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	38.4	115.1
150	160.2	0.0	346.8

