

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013730.D
 Acq On : 03 Dec 2019 17:21
 Operator : JC/SP
 Sample : K5984-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0197

Quant Time: Dec 04 12:04:16 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

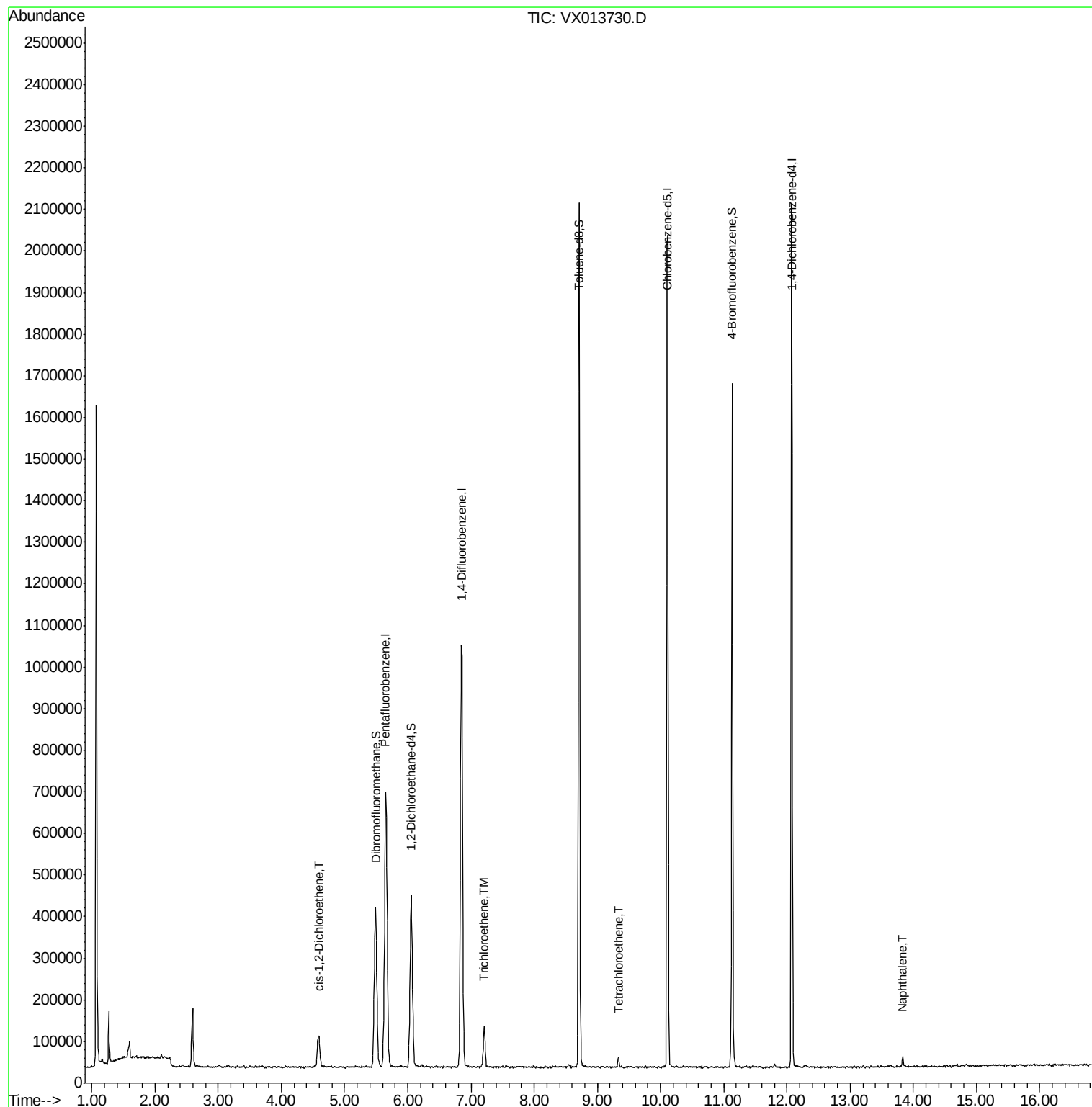
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	699663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1064134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	948335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	438052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	388007	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	5.49	113	315929	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	8.71	98	1254592	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	429208	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	50866	6.106	ug/l	90
44) Trichloroethene	7.21	130	40115	4.968	ug/l	99
64) Tetrachloroethene	9.34	164	5566	0.787	ug/l	95
95) Naphthalene	13.83	128	17422	0.587	ug/l #	92

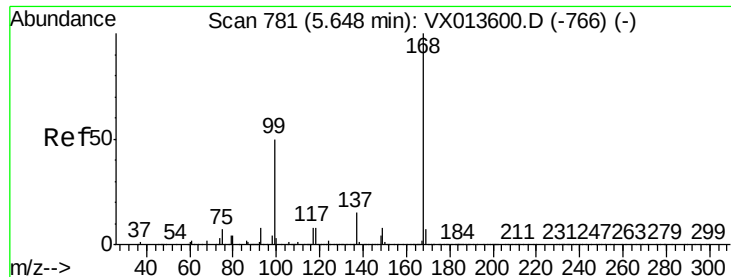
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013730.D

Acq: 03 Dec 2019 17:21

Instrument :

MSVOA_X

ClientSampled :

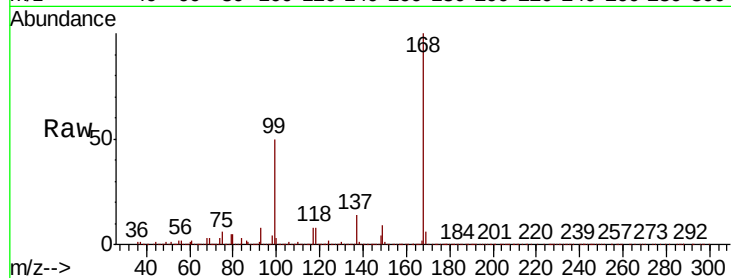
S39-0197

Tot Ion:168 Resp: 699663

Ion Ratio Lower Upper

168 100

99 50.0 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

250000

200000

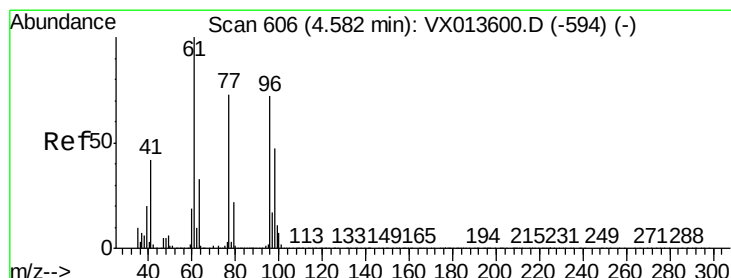
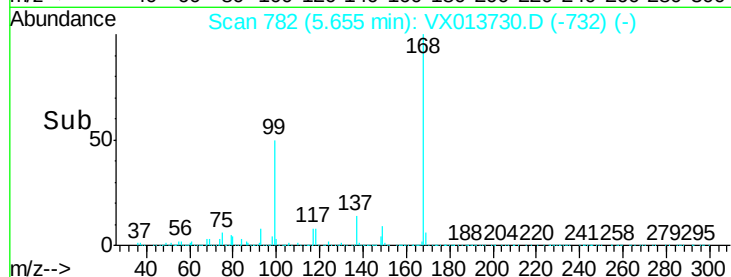
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 6.106 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX013730.D

Acq: 03 Dec 2019 17:21

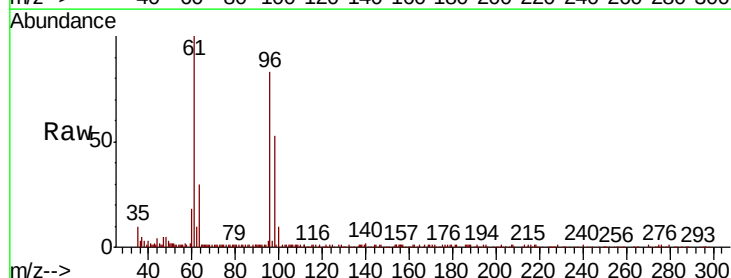
Tgt Ion: 96 Resp: 50866

Ion Ratio Lower Upper

96 100

61 126.4 0.0 286.4

98 64.5 0.0 127.4



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

4.59

30000

25000

20000

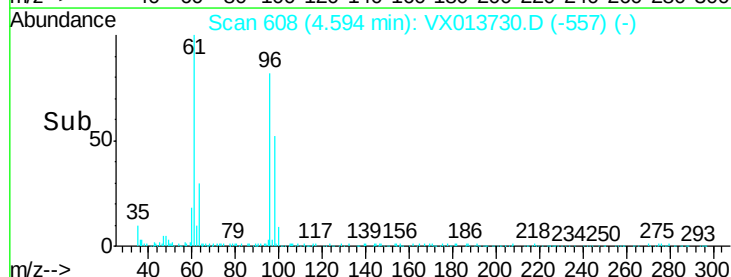
15000

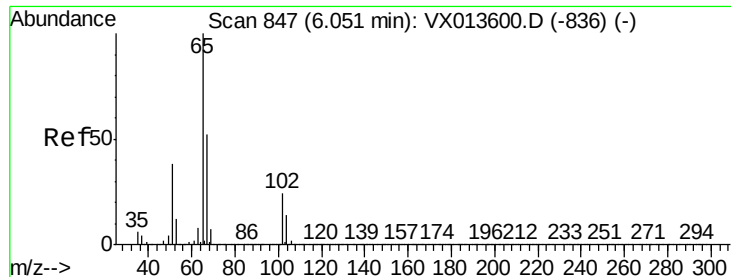
10000

5000

0

Time-->

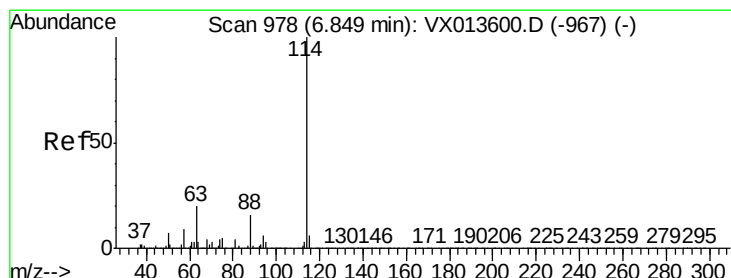
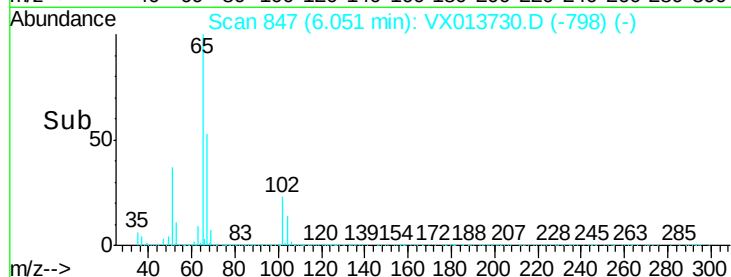
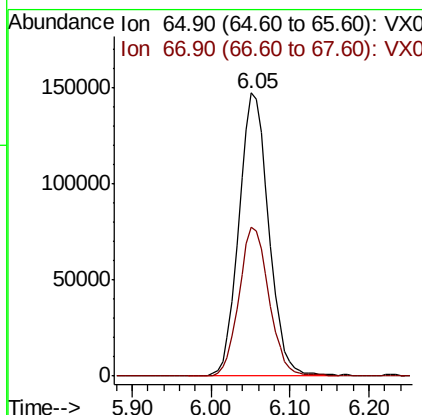
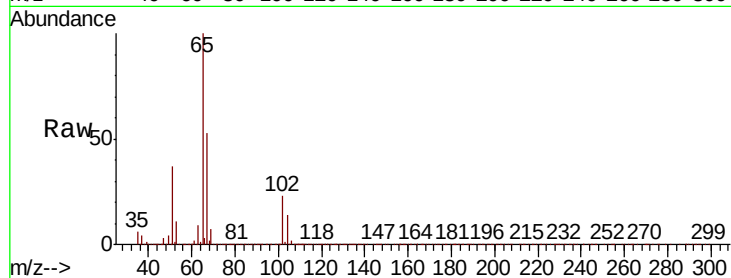




#33
 1,2-Dichloroethane-d4
 Concen: 47.775 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013730.D
 Acq: 03 Dec 2019 17:21

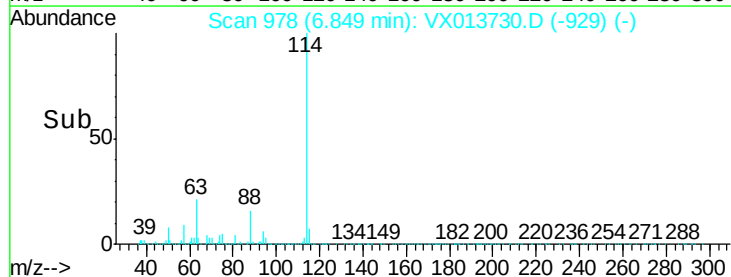
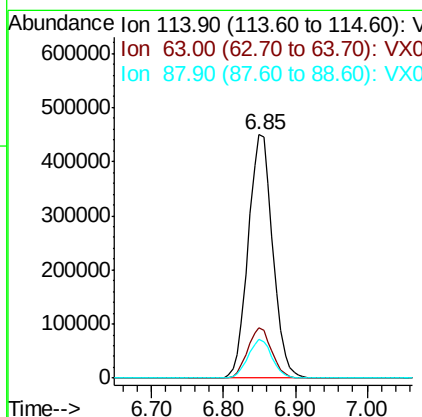
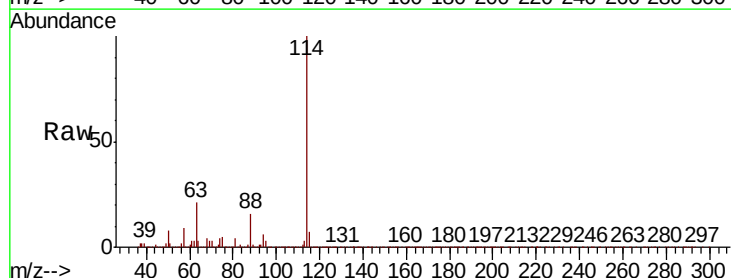
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0197

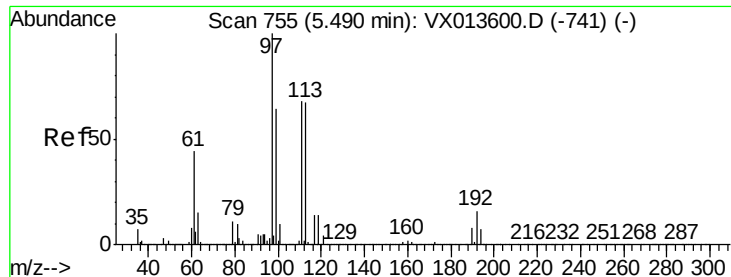
Tot Ion: 65 Resp: 388007
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013730.D
 Acq: 03 Dec 2019 17:21

Tgt Ion: 114 Resp: 1064134
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.024 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013730.D

Acq: 03 Dec 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

S39-0197

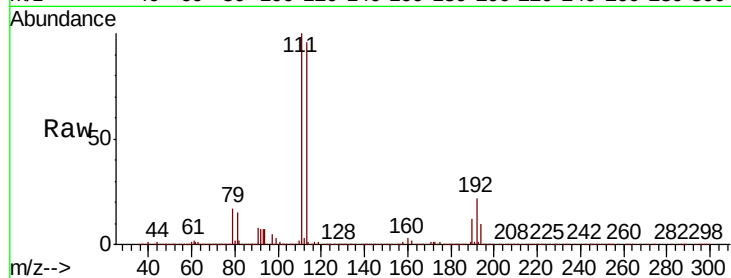
Tot Ion:113 Resp: 315929

Ion Ratio Lower Upper

113 100

111 103.0 83.6 125.4

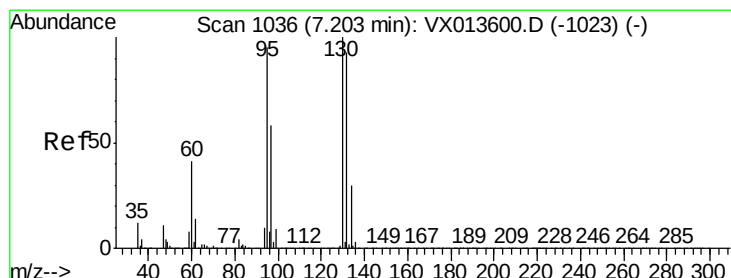
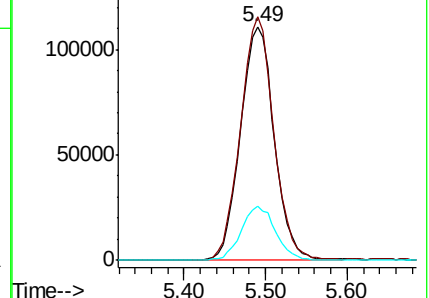
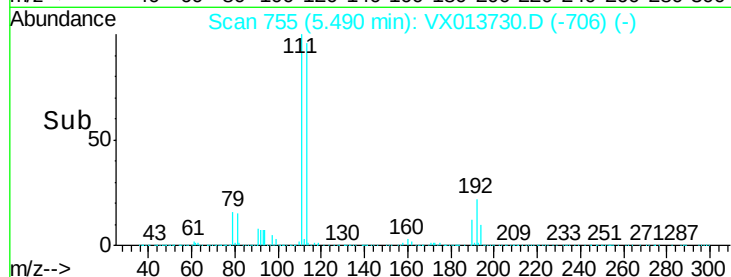
192 23.7 19.2 28.8



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: 4.968 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013730.D

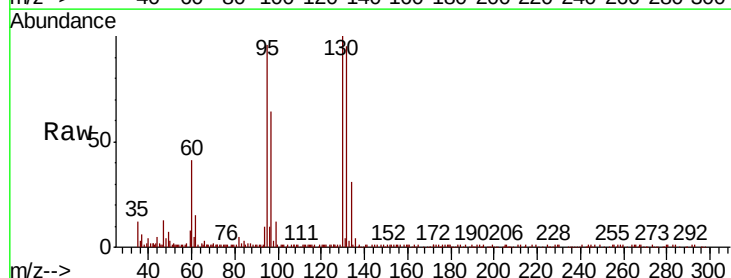
Acq: 03 Dec 2019 17:21

Tgt Ion:130 Resp: 40115

Ion Ratio Lower Upper

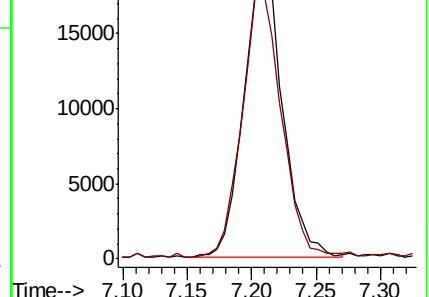
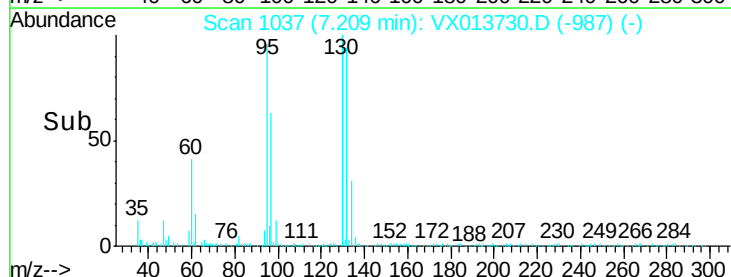
130 100

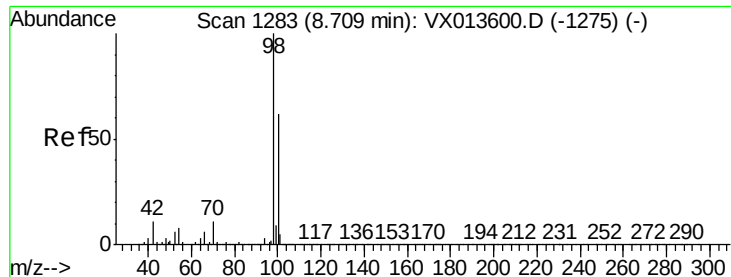
95 96.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

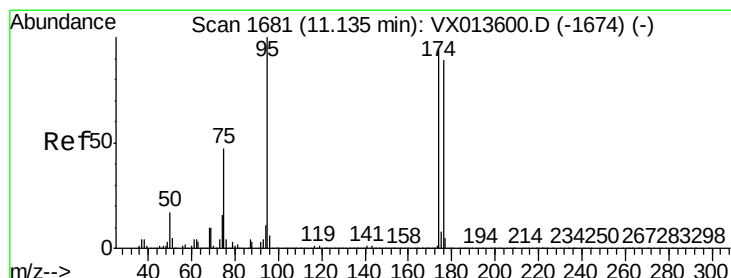
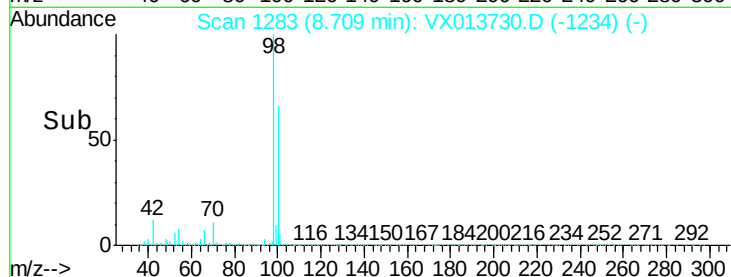
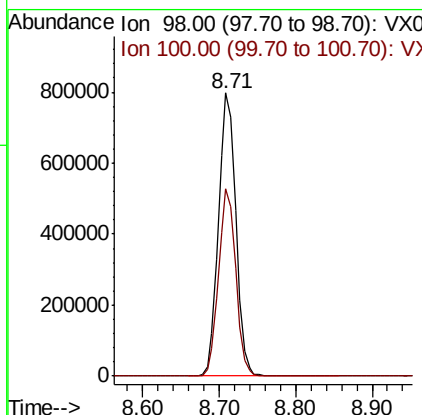
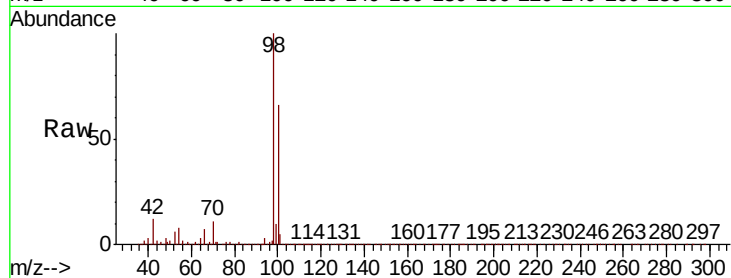




#50
Toluene-d8
Concen: 48.948 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013730.D
Acq: 03 Dec 2019 17:21

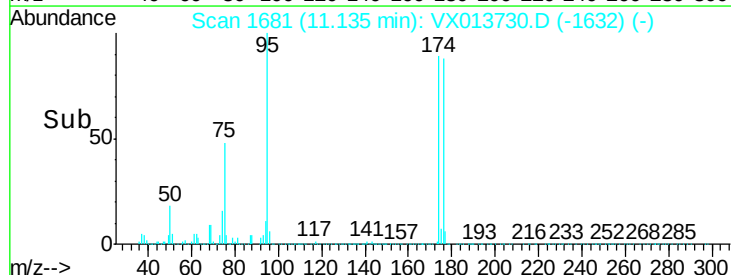
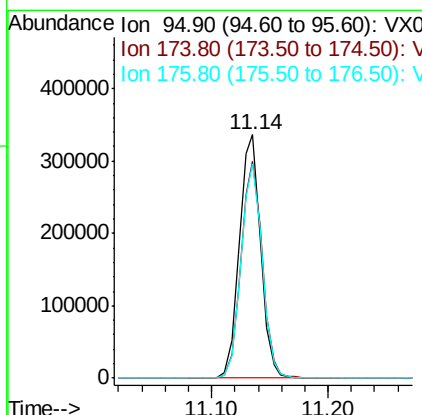
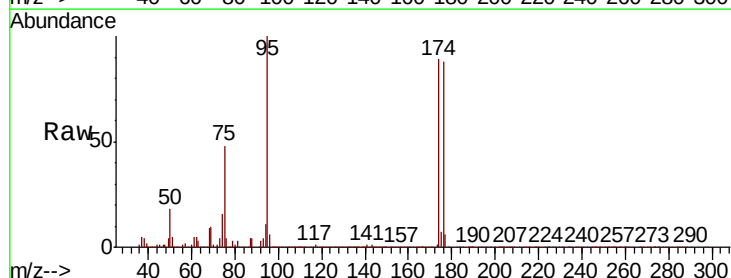
Instrument :
MSVOA_X
ClientSampleId :
S39-0197

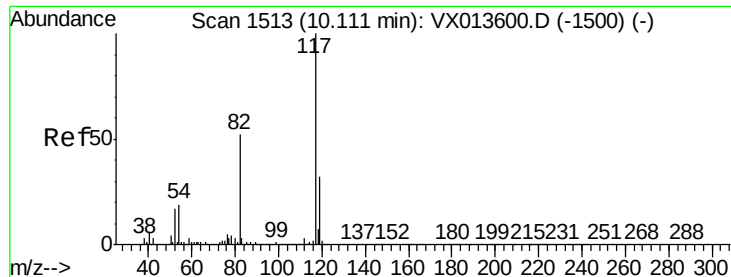
Tot Ion: 98 Resp: 1254592
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.438 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013730.D
Acq: 03 Dec 2019 17:21

Tgt Ion: 95 Resp: 429208
Ion Ratio Lower Upper
95 100
174 88.9 0.0 180.0
176 87.7 0.0 173.6

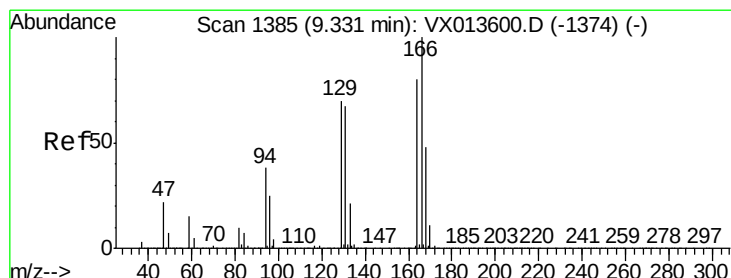
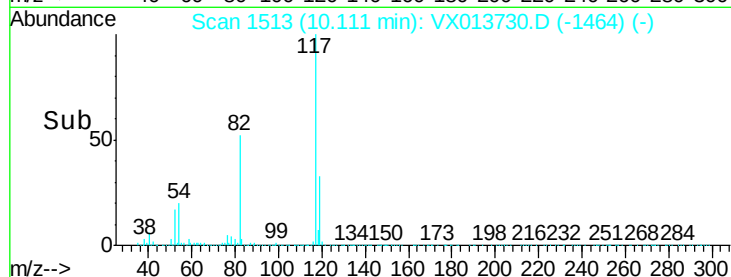
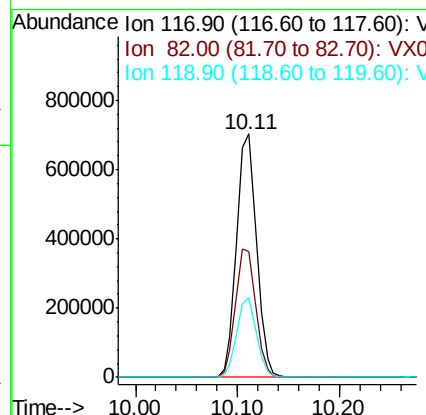
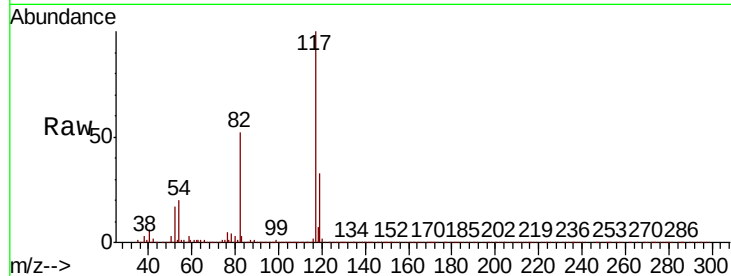




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013730.D
Acq: 03 Dec 2019 17:21

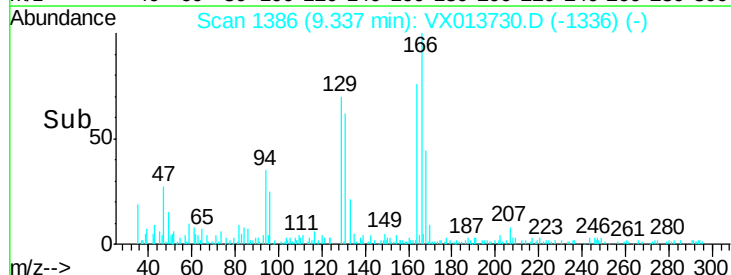
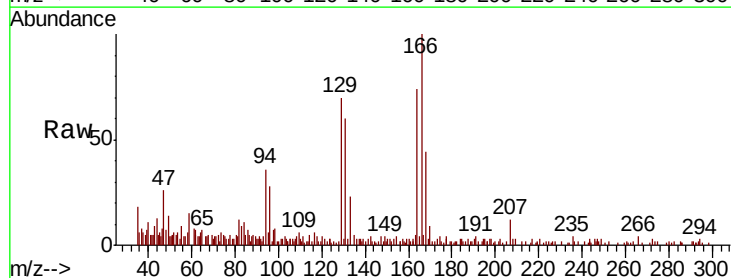
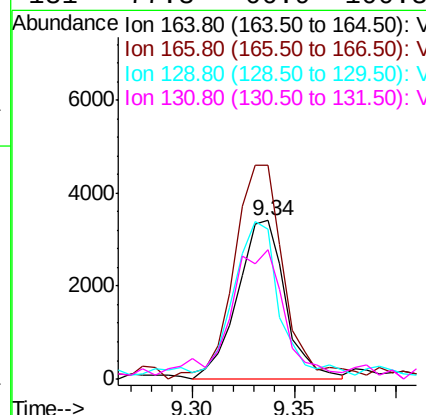
Instrument :
MSVOA_X
ClientSampleId :
S39-0197

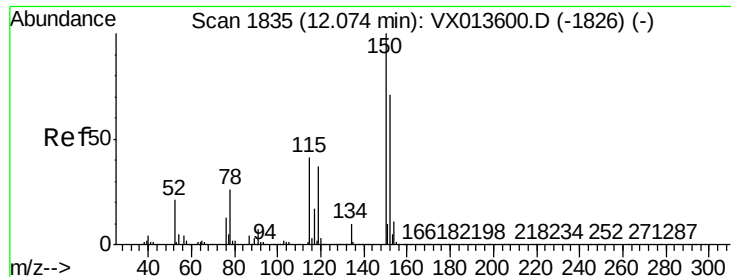
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.8	62.8
119	33.0	25.8	38.8



#64
Tetrachloroethene
Concen: 0.787 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013730.D
Acq: 03 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	99.7	149.5
129	89.9	70.1	105.1
131	77.3	66.9	100.3



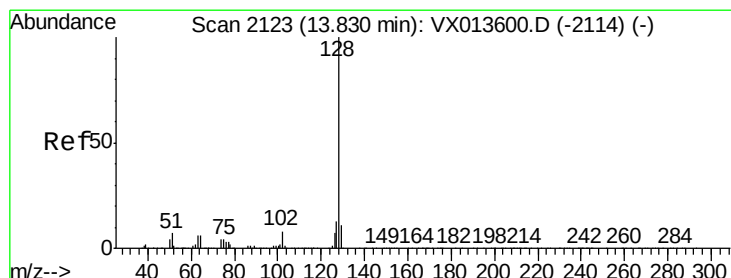
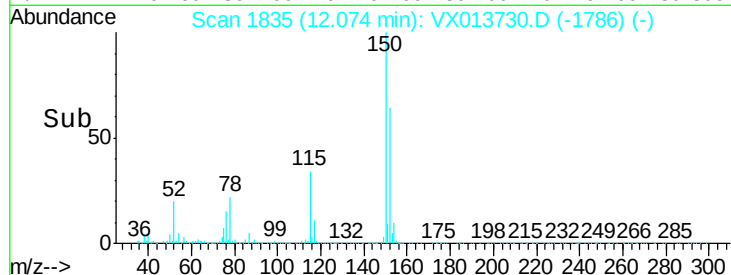
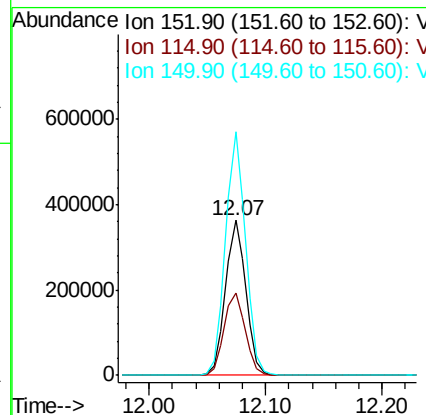
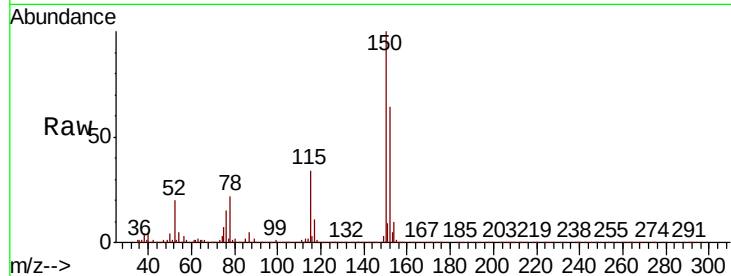


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013730.D
Acq: 03 Dec 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
S39-0197

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.4	115.1
150	154.3	0.0	346.8



#95

Naphthalene
Concen: 0.587 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013730.D
Acq: 03 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.5	10.3	15.5#
129	10.9	8.7	13.1

