

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137855.D
 Acq On : 09 Dec 2019 16:57
 Operator : JC/SP
 Sample : K6184-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 04:17:59 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

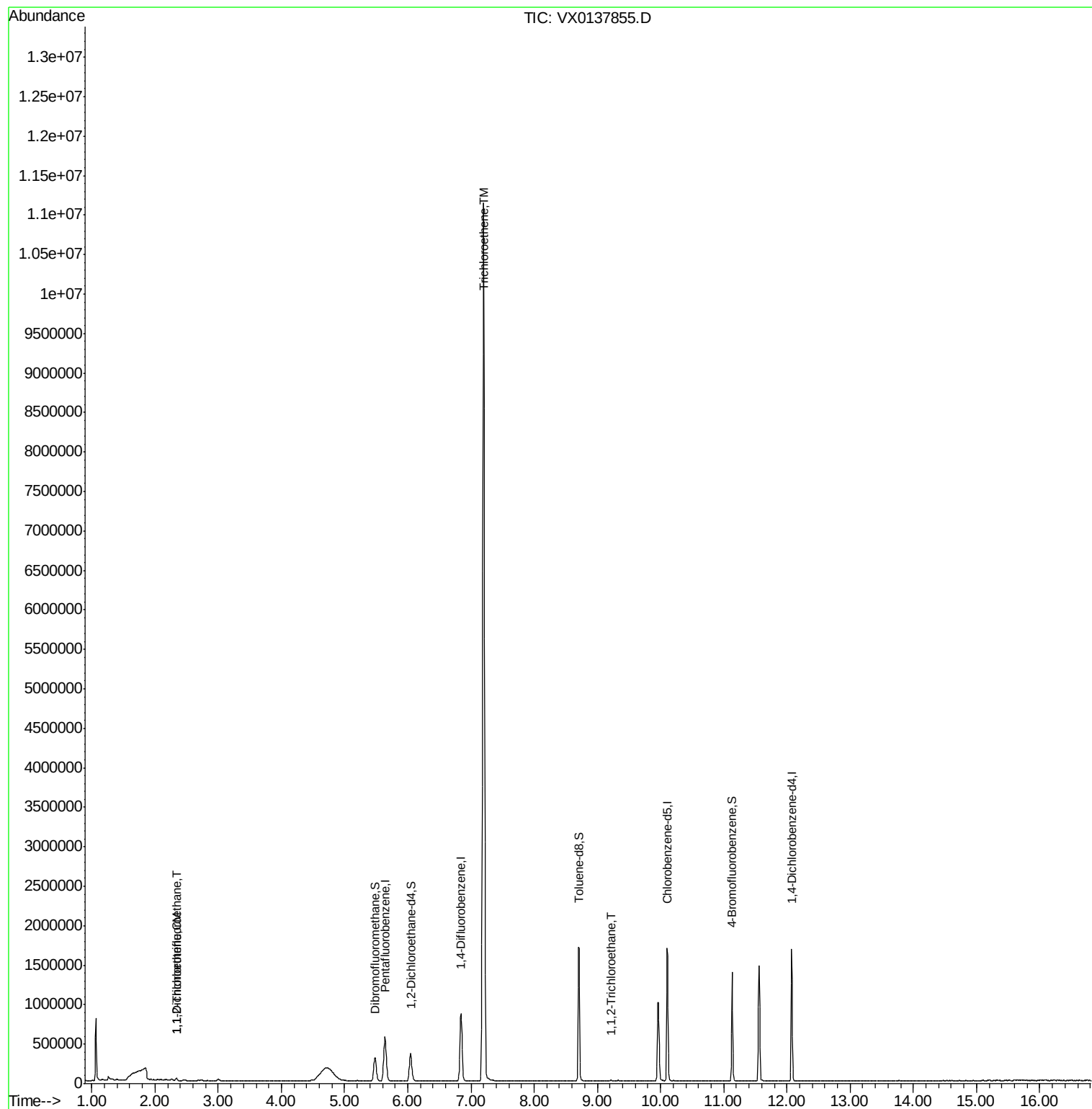
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	588286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	896714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	797288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	348049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	325123	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	5.48	113	251479	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
50) Toluene-d8	8.71	98	1055236	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	350360	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.34	101	9417	1.679	ug/l	97
12) 1,1-Dichloroethene	2.33	96	3950	0.706	ug/l #	71
44) Trichloroethene	7.20	130	4334159	637.007	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	3280	0.528	ug/l #	86

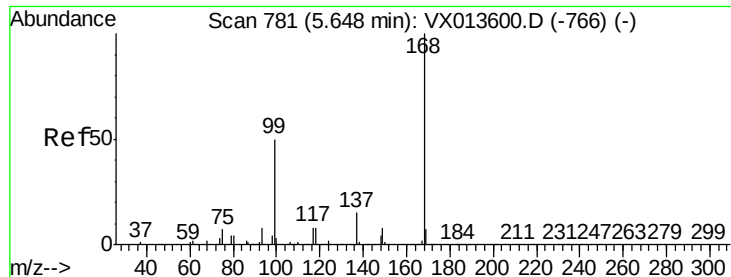
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX0137855.D

Acq: 09 Dec 2019 16:57

Instrument :

MSVOA_X

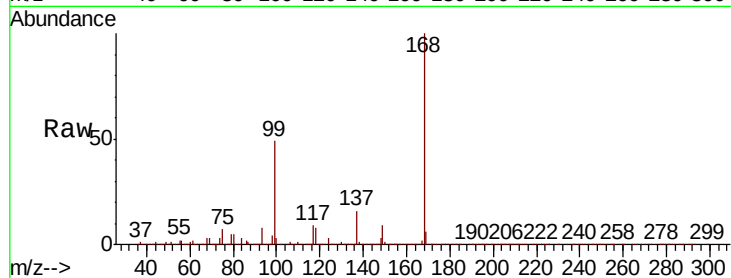
ClientSampled :

Tot Ion:168 Resp: 588286

Ion Ratio Lower Upper

168 100

99 49.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

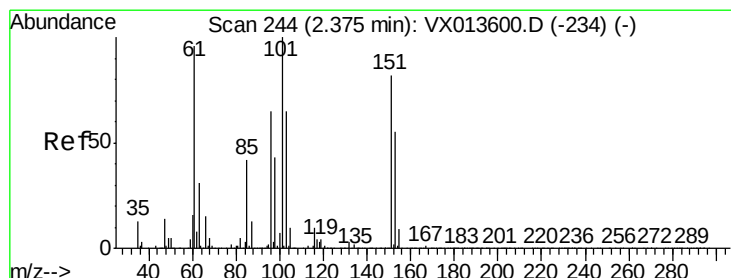
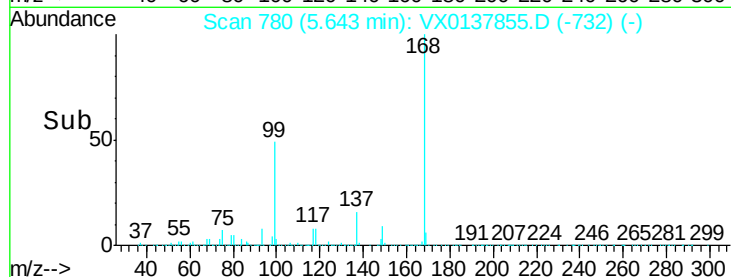
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.679 ug/l

RT: 2.34 min Scan# 238

Delta R.T. -0.04 min

Lab File: VX0137855.D

Acq: 09 Dec 2019 16:57

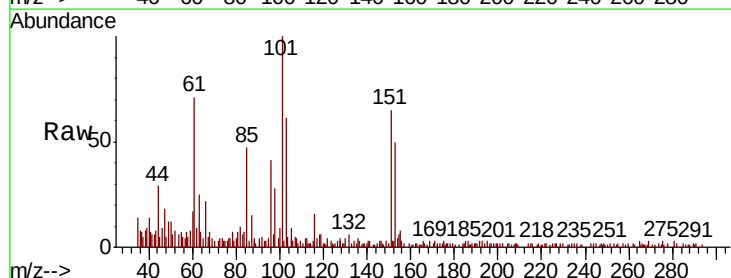
Tgt Ion:101 Resp: 9417

Ion Ratio Lower Upper

101 100

85 40.1 33.9 50.9

151 83.0 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

2.34

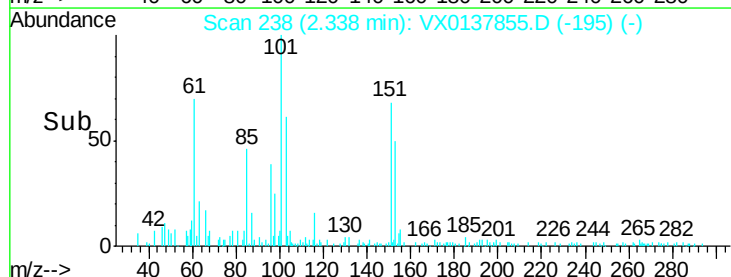
6000

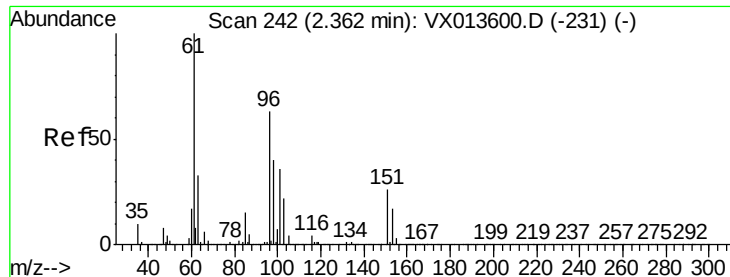
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.706 ug/l

RT: 2.33 min Scan# 237

Delta R.T. -0.03 min

Lab File: VX0137855.D

Acq: 09 Dec 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

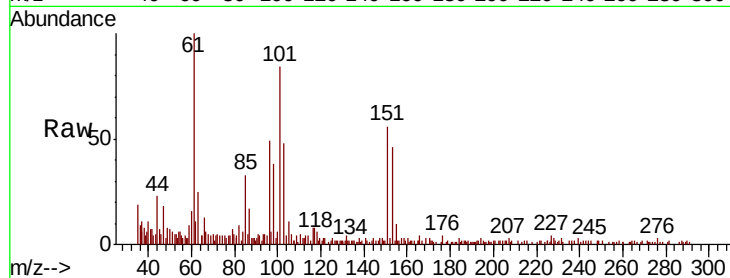
Tot Ion: 96 Resp: 3950

Ion Ratio Lower Upper

96 100

61 202.4 126.6 190.0#

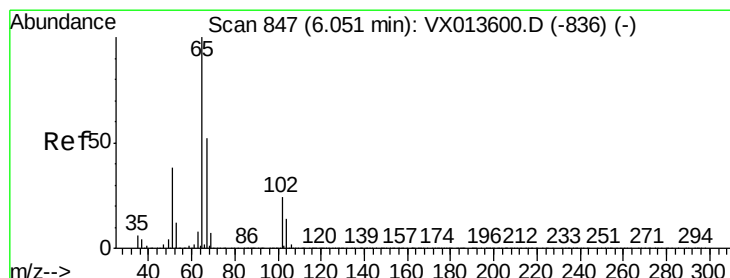
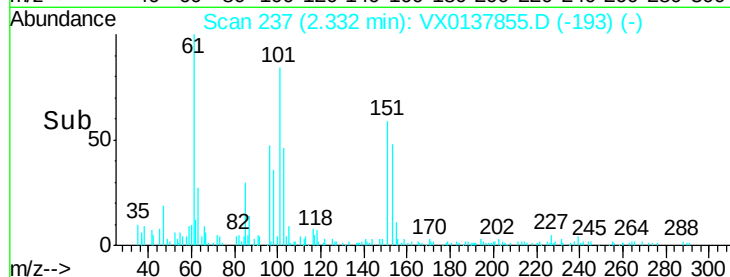
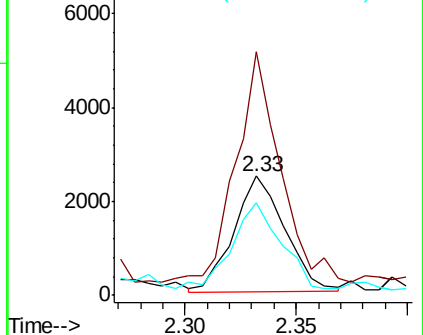
98 76.0 50.6 76.0#



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: 47.611 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX0137855.D

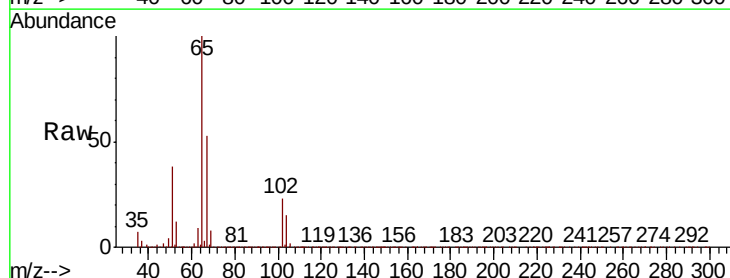
Acq: 09 Dec 2019 16:57

Tgt Ion: 65 Resp: 325123

Ion Ratio Lower Upper

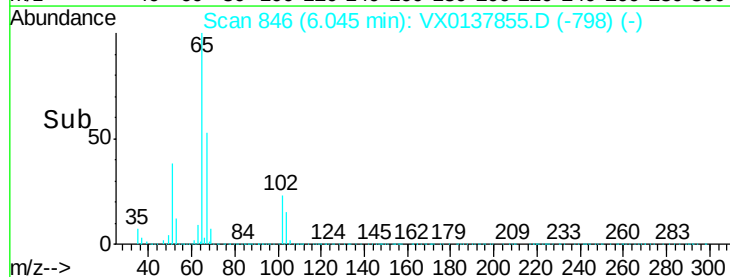
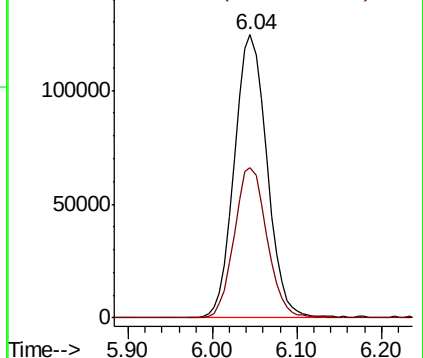
65 100

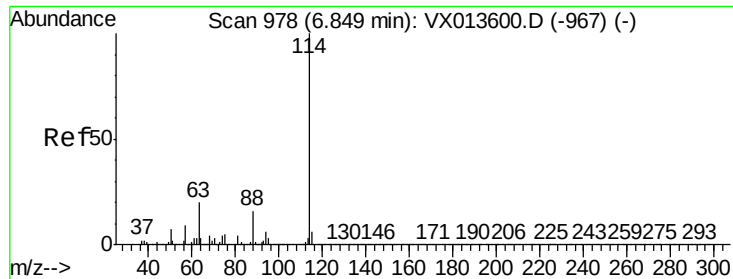
67 53.1 0.0 104.4



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: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX0137855.D

Acq: 09 Dec 2019 16:57

Instrument :

MSVOA_X

ClientSampled :

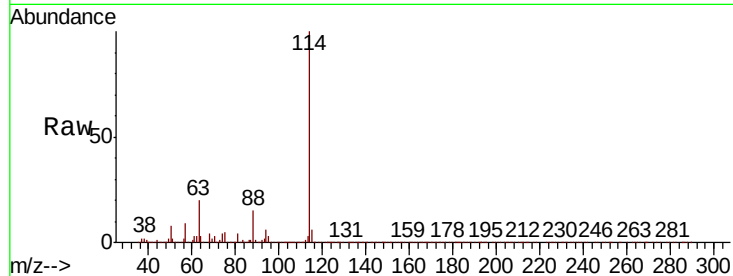
Tot Ion:114 Resp: 896714

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

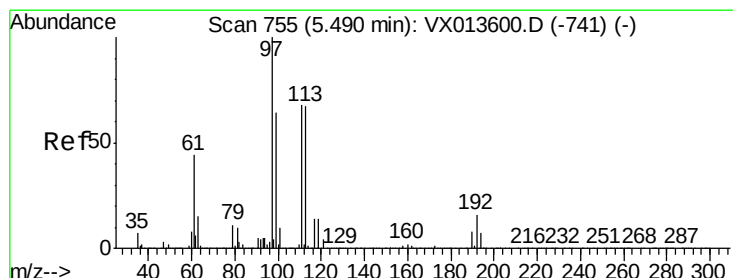
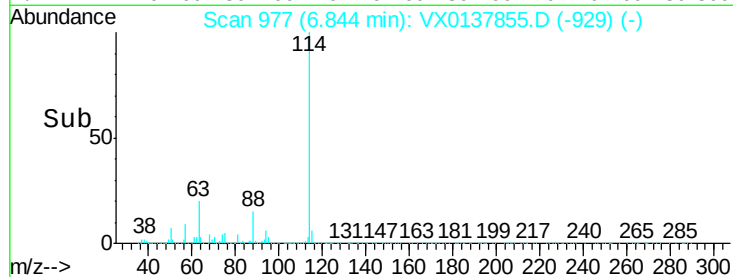
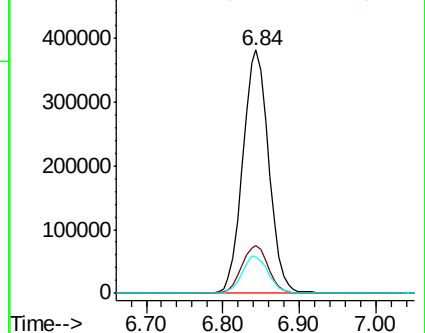
88 15.0 0.0 31.4



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: 45.364 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX0137855.D

Acq: 09 Dec 2019 16:57

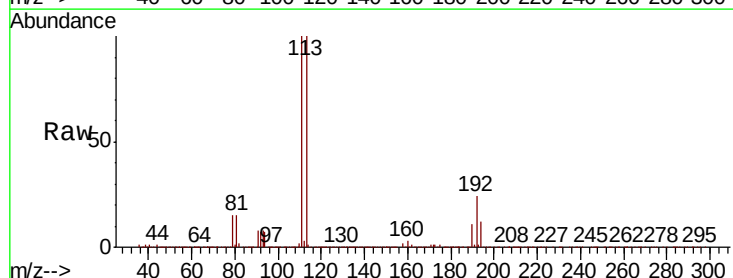
Tgt Ion:113 Resp: 251479

Ion Ratio Lower Upper

113 100

111 103.4 83.6 125.4

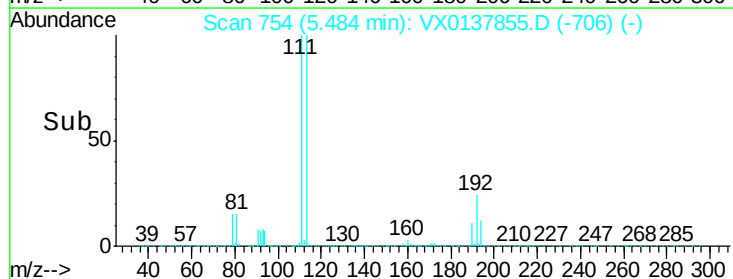
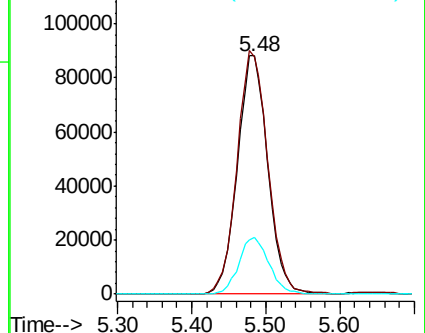
192 23.7 19.2 28.8

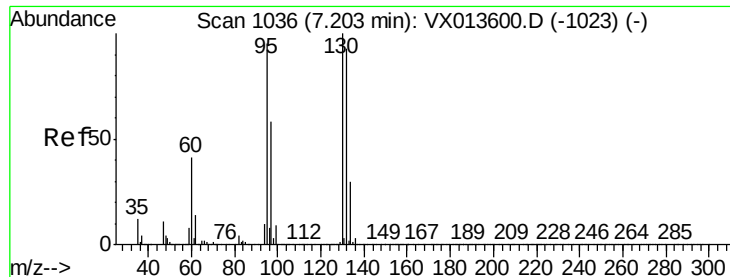


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 637.007 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VX0137855.D

Acq: 09 Dec 2019 16:57

Instrument :

MSVOA_X

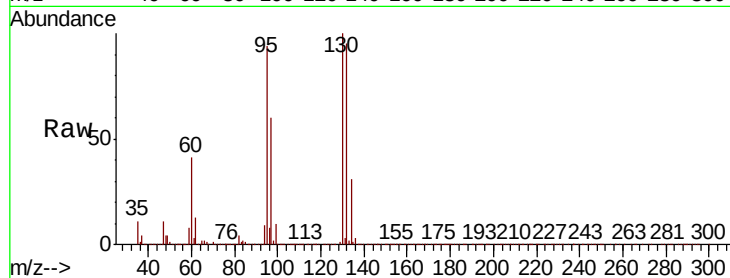
ClientSampleId :

Tot Ion:130 Resp: 4334159

Ion Ratio Lower Upper

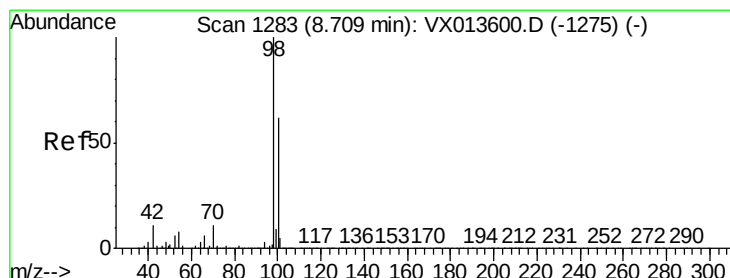
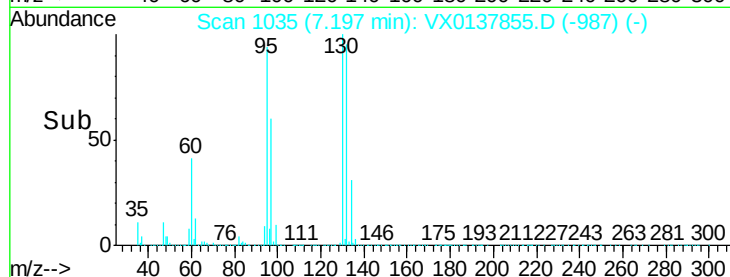
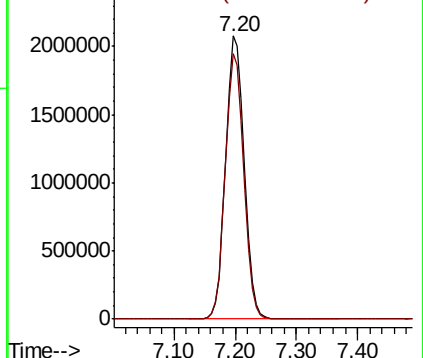
130 100

95 93.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.857 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX0137855.D

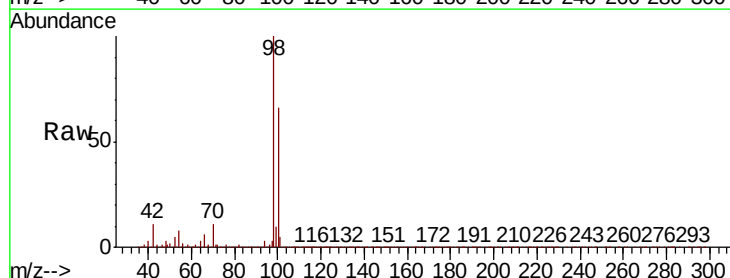
Acq: 09 Dec 2019 16:57

Tgt Ion: 98 Resp: 1055236

Ion Ratio Lower Upper

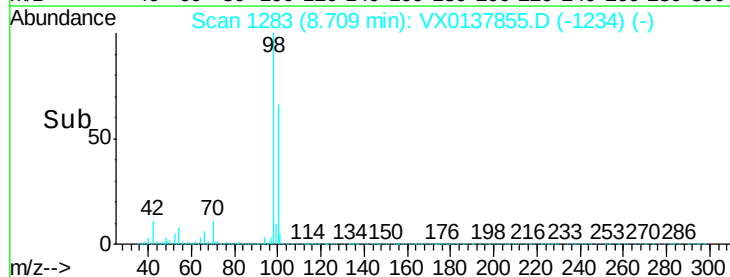
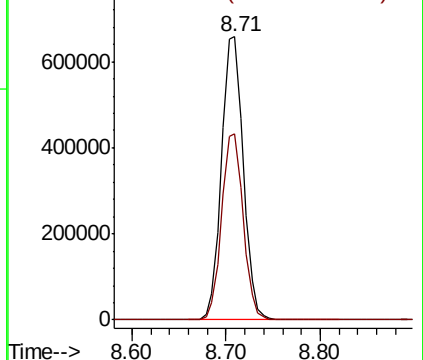
98 100

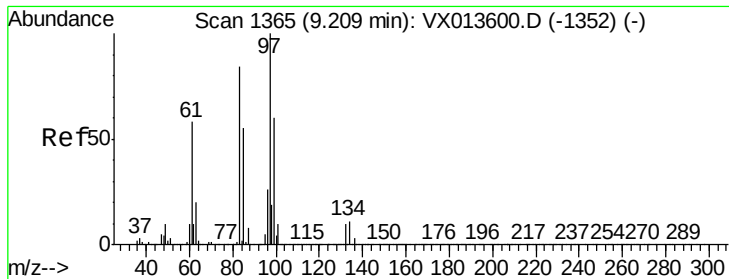
100 65.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#55

1,1,2-Trichloroethane

Concen: 0.528 ug/l

RT: 9.22 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX0137855.D

Acq: 09 Dec 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 3280

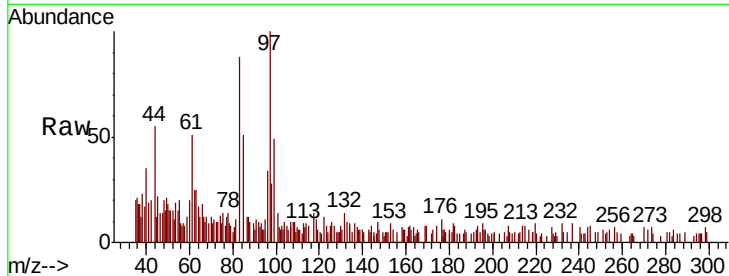
Ion Ratio Lower Upper

97 100

83 80.1 67.3 100.9

85 40.1 43.6 65.4#

99 43.0 48.2 72.4#

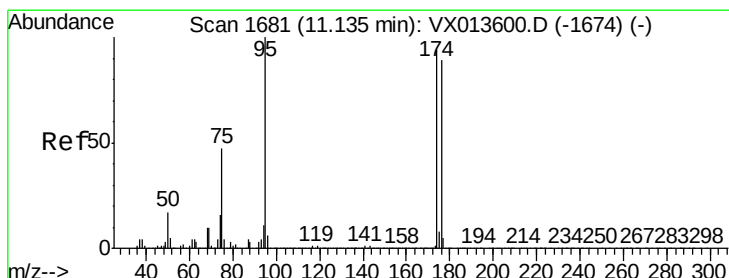
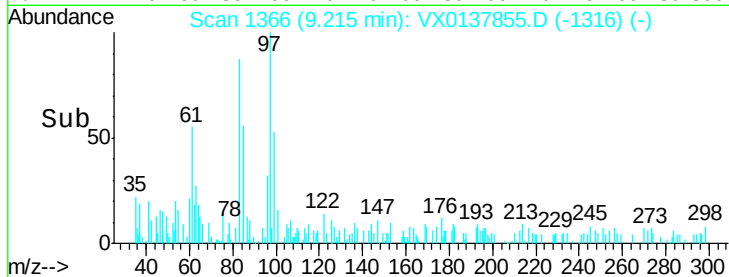
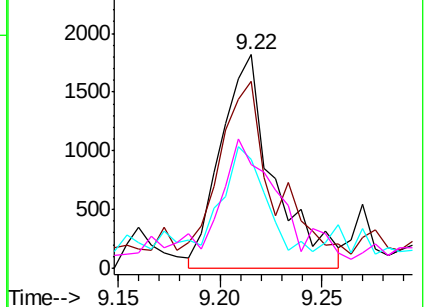


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 44.984 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX0137855.D

Acq: 09 Dec 2019 16:57

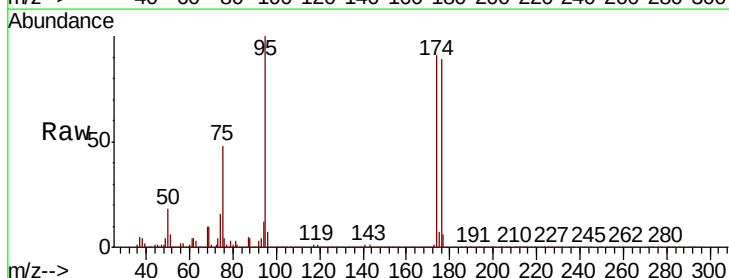
Tgt Ion: 95 Resp: 350360

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

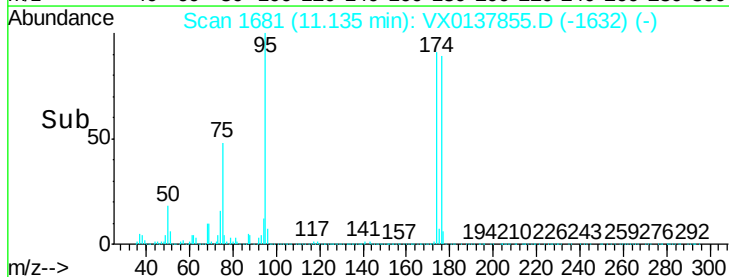
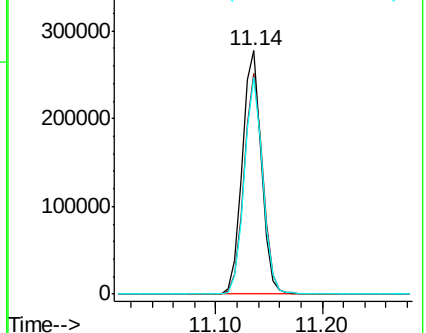
176 86.1 0.0 173.6

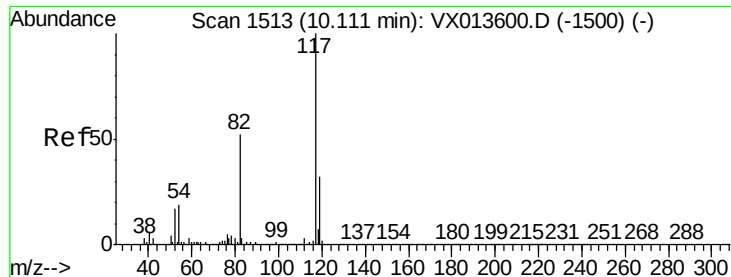


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

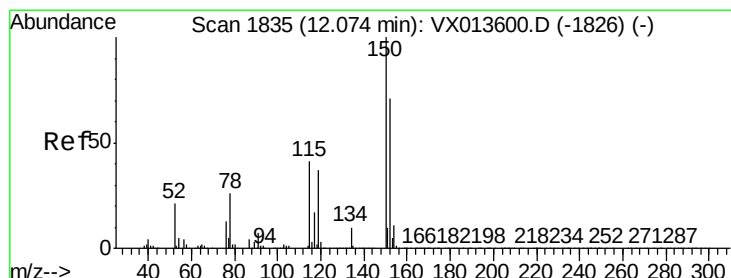
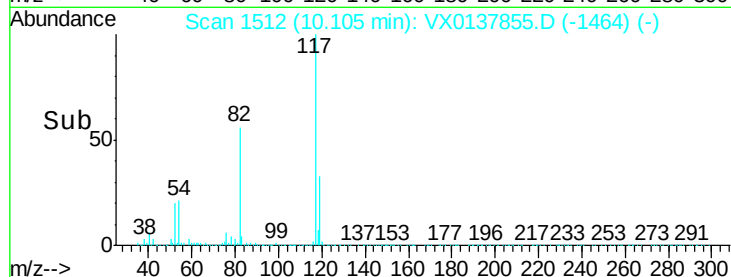
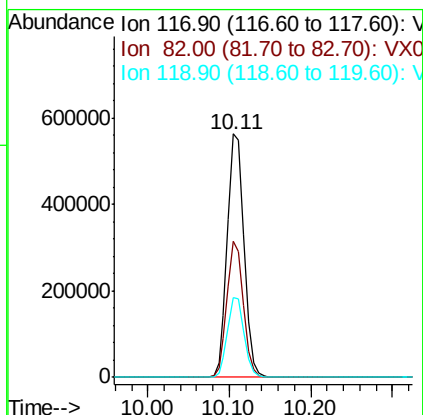
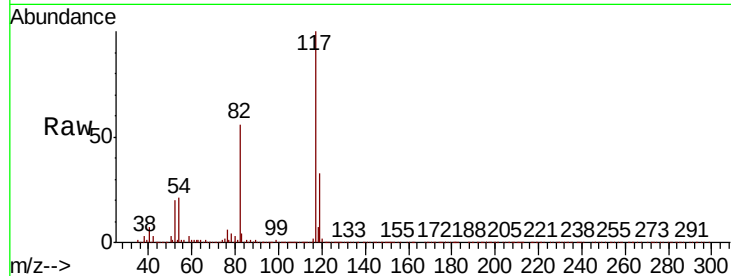




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX0137855.D
Acq: 09 Dec 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	41.8	62.8
119	32.5	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX0137855.D
Acq: 09 Dec 2019 16:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	38.4	115.1
150	157.1	0.0	346.8

