

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013826.D
 Acq On : 07 Dec 2019 02:21
 Operator : JC/SP
 Sample : K6185-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20191205

Quant Time: Dec 07 05:42:35 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	621837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	942737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	847265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	366104	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	342884	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
35) Dibromofluoromethane	5.49	113	281260	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
50) Toluene-d8	8.71	98	1125637	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	367018	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	

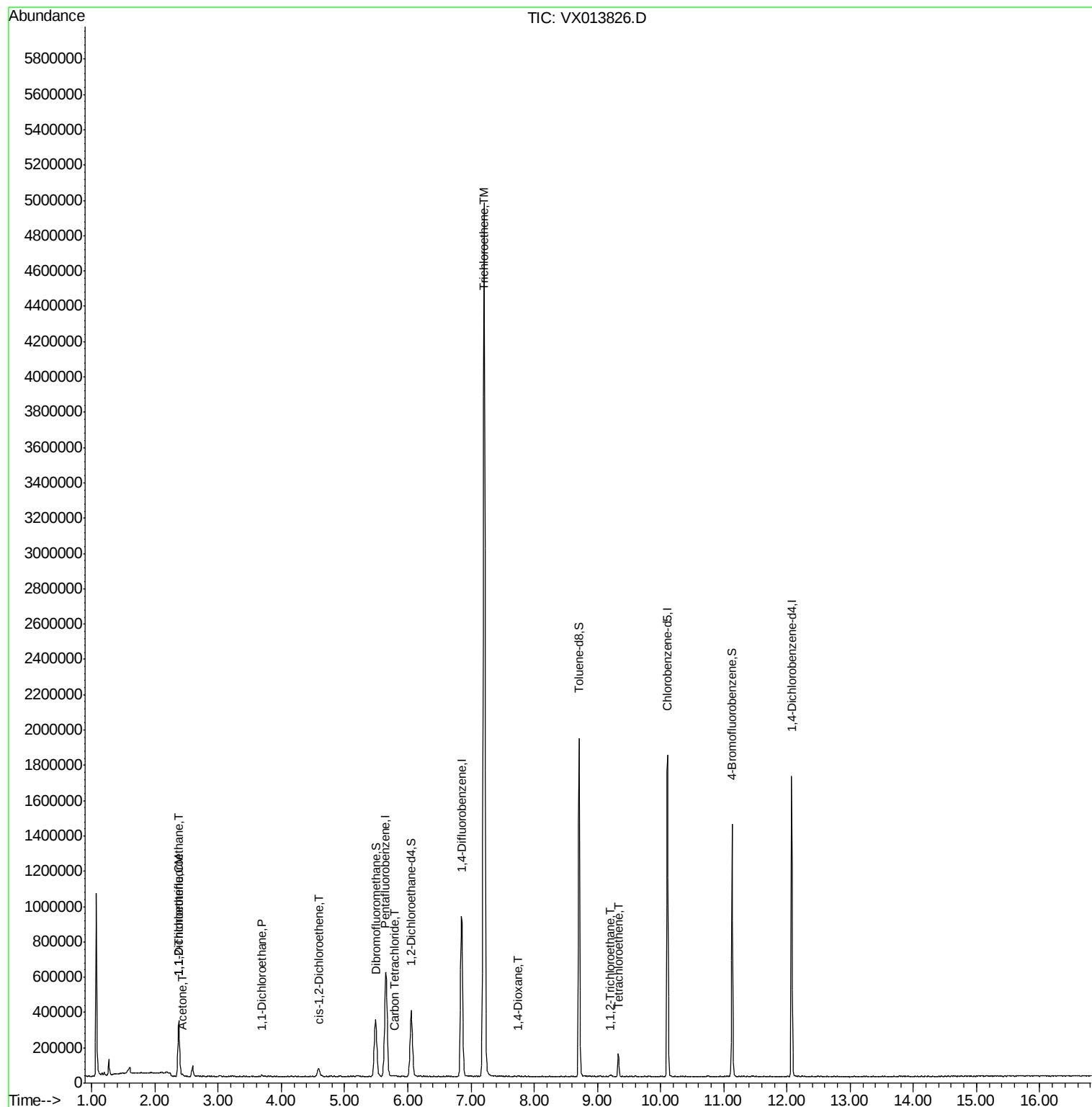
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101948	17.196	ug/l	98
12) 1,1-Dichloroethene	2.37	96	32813	5.545	ug/l	87
16) Acetone	2.43	43	9004	2.527	ug/l	94
24) 1,1-Dichloroethane	3.69	63	8090	0.716	ug/l #	85
27) cis-1,2-Dichloroethene	4.59	96	30178	4.076	ug/l	89
38) Carbon Tetrachloride	5.78	117	4290	0.544	ug/l #	91
44) Trichloroethene	7.21	130	1974224	275.994	ug/l	97
49) 1,4-Dioxane	7.74	88	4342	25.260	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	2633	0.404	ug/l #	82
64) Tetrachloroethene	9.33	164	27122	4.293	ug/l	97

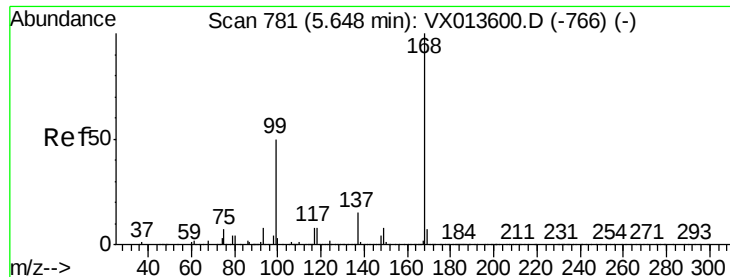
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

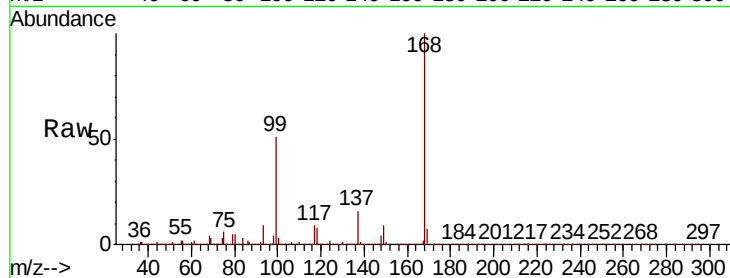
RE125D2-20191205

Tot Ion:168 Resp: 621837

Ion Ratio Lower Upper

168 100

99 50.8 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

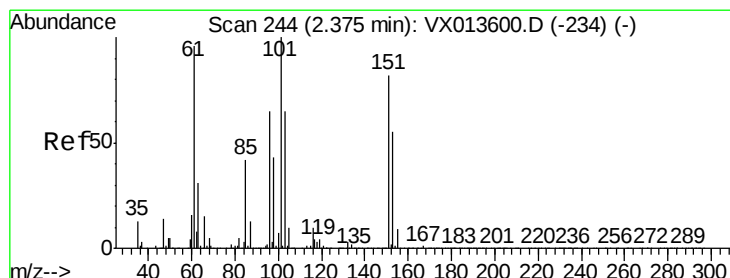
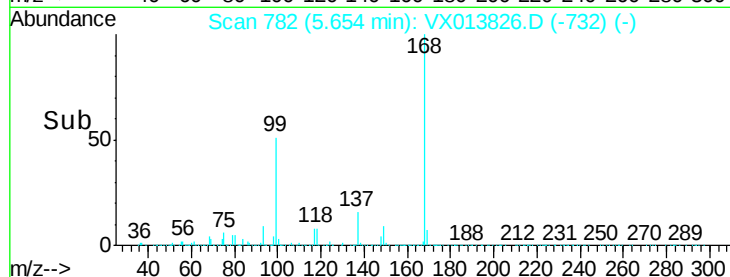
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.196 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

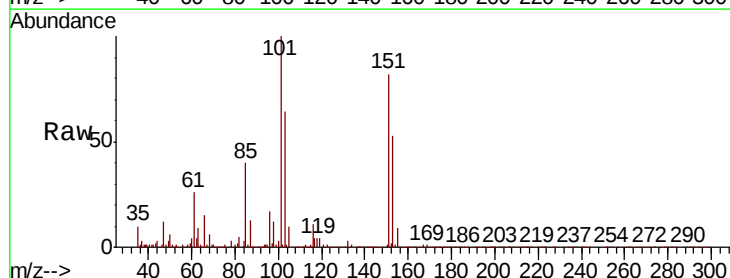
Tgt Ion:101 Resp: 101948

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

151 82.6 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

2.38

60000

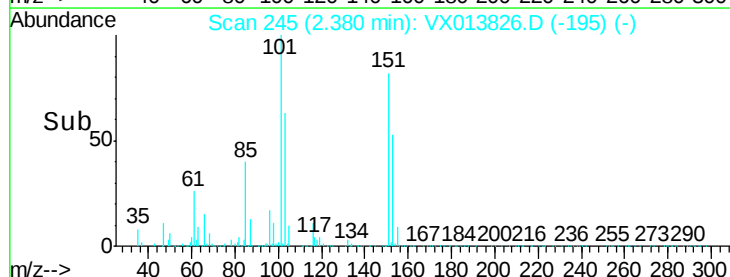
40000

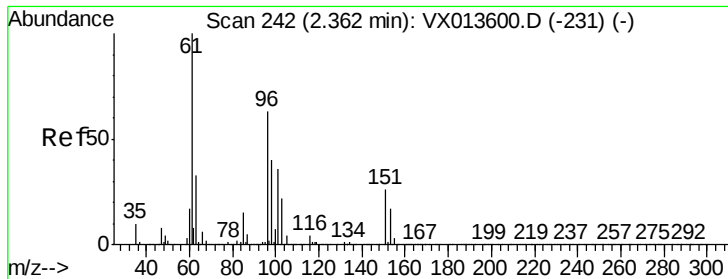
20000

0

Time-->

2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 5.545 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20191205

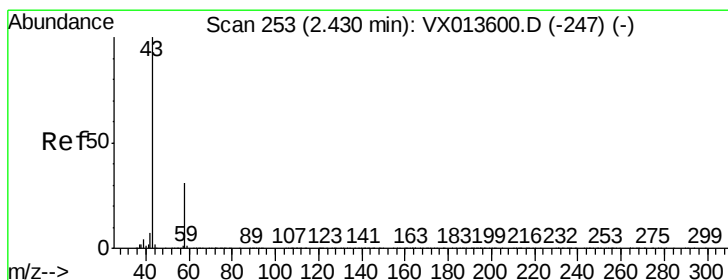
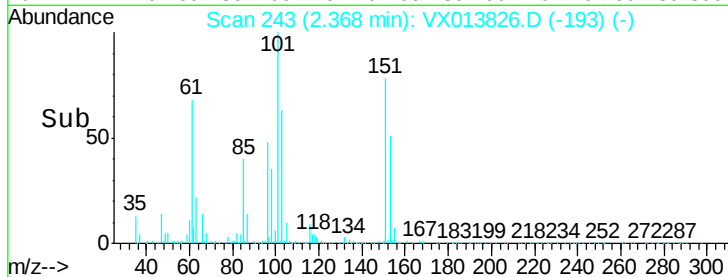
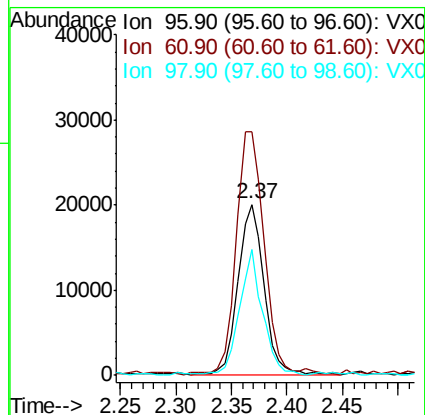
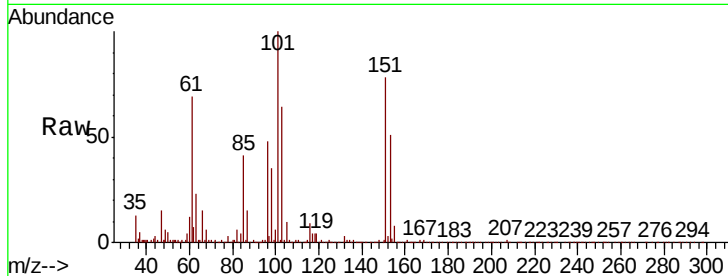
Tot Ion: 96 Resp: 32813

Ion Ratio Lower Upper

96 100

61 141.3 126.6 190.0

98 72.8 50.6 76.0



#16

Acetone

Concen: 2.527 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013826.D

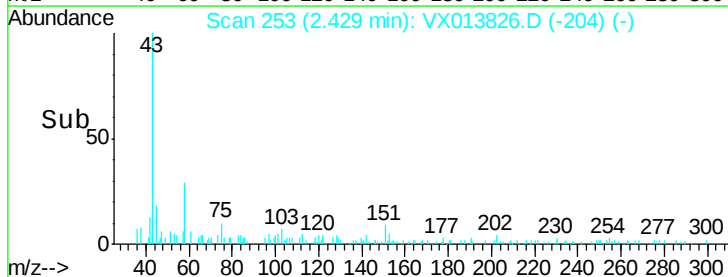
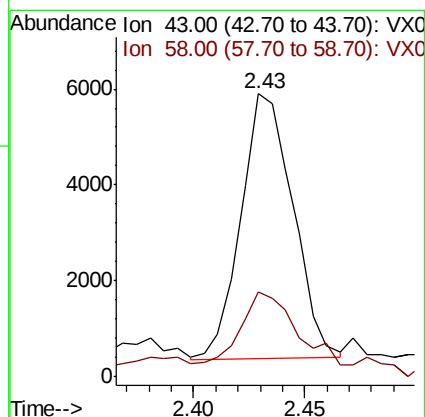
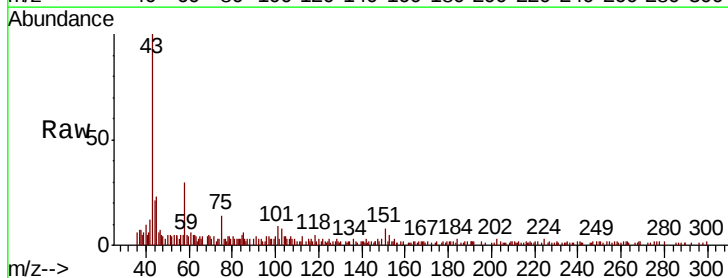
Acq: 07 Dec 2019 02:21

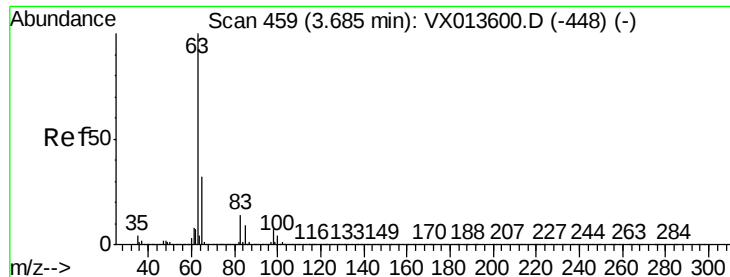
Tgt Ion: 43 Resp: 9004

Ion Ratio Lower Upper

43 100

58 27.6 24.6 36.8





#24

1,1-Dichloroethane

Concen: 0.716 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20191205

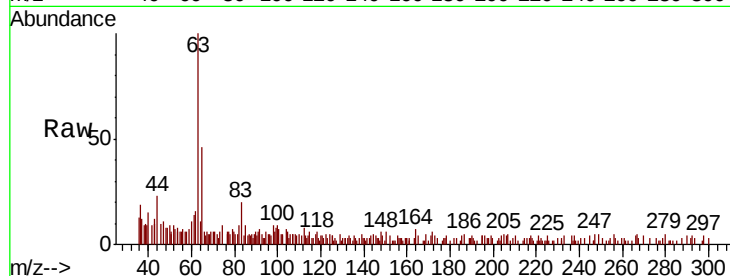
Tot Ion: 63 Resp: 8090

Ion Ratio Lower Upper

63 100

98 10.9 3.5 10.4#

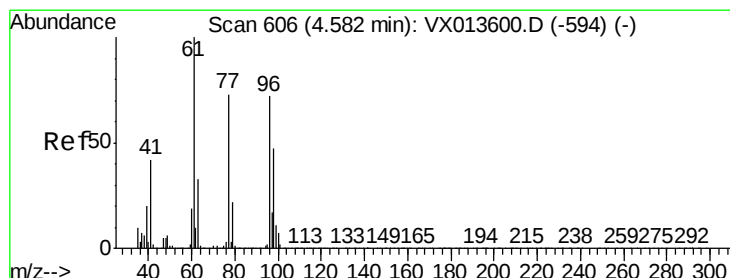
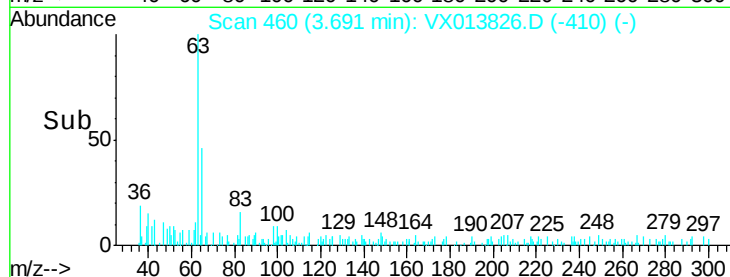
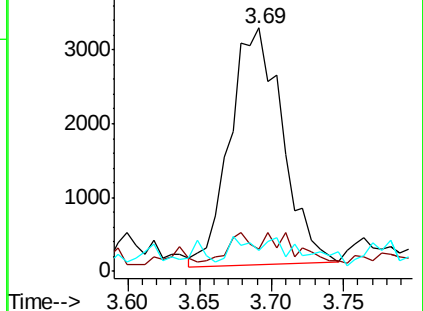
100 11.4 2.1 6.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 4.076 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

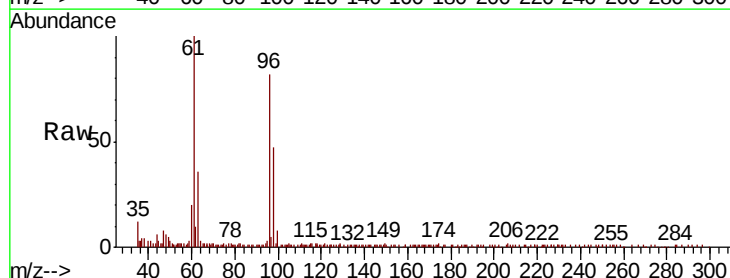
Tgt Ion: 96 Resp: 30178

Ion Ratio Lower Upper

96 100

61 124.0 0.0 286.4

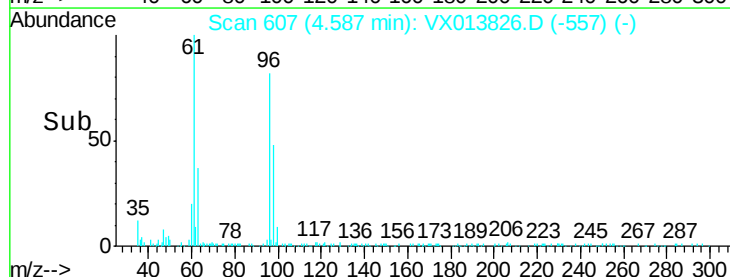
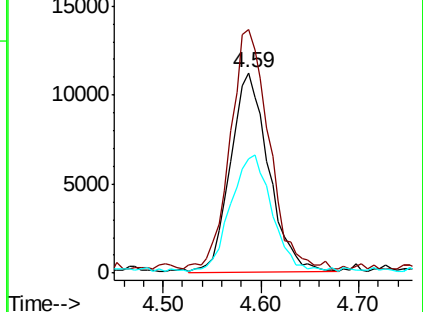
98 63.1 0.0 127.4

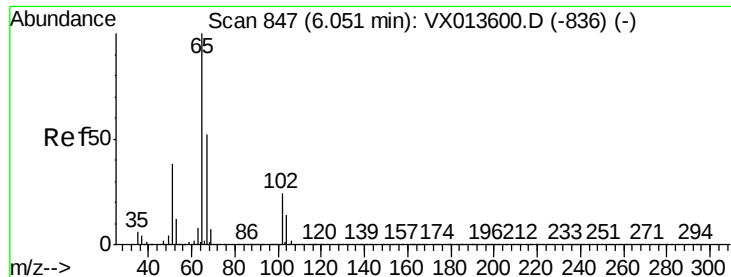


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

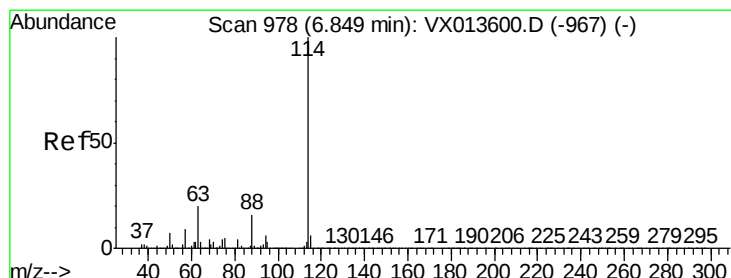
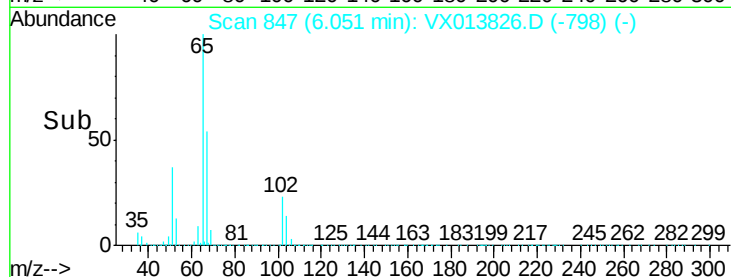
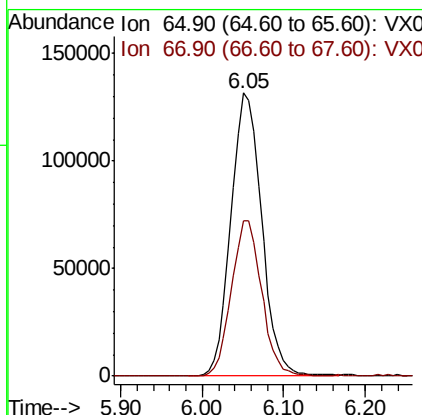
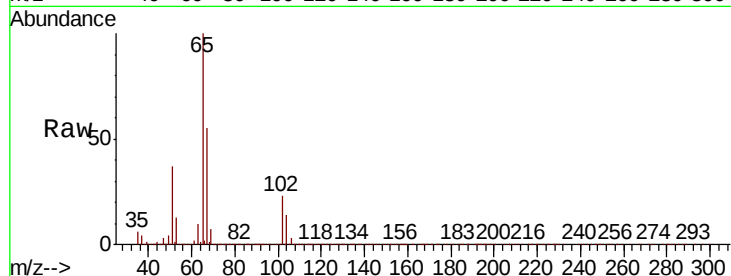




#33
 1,2-Dichloroethane-d4
 Concen: 47.503 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013826.D
 Acq: 07 Dec 2019 02:21

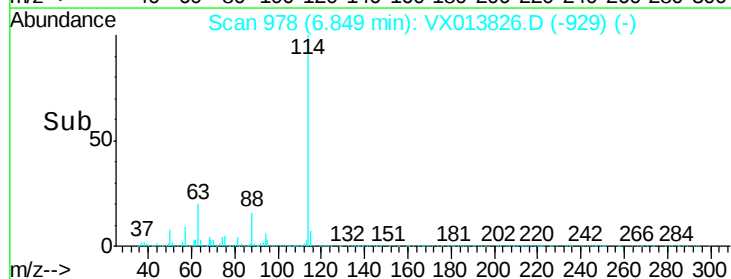
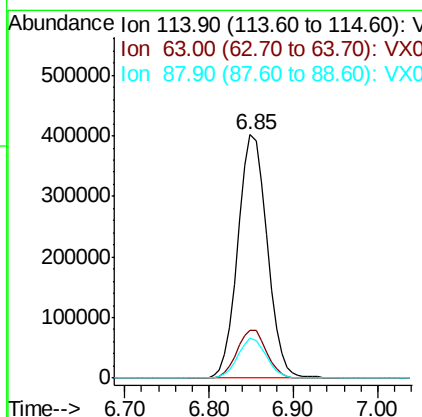
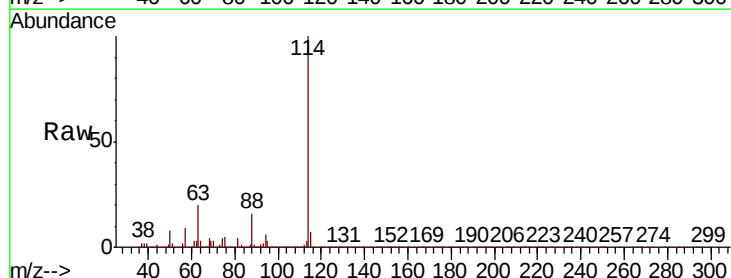
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20191205

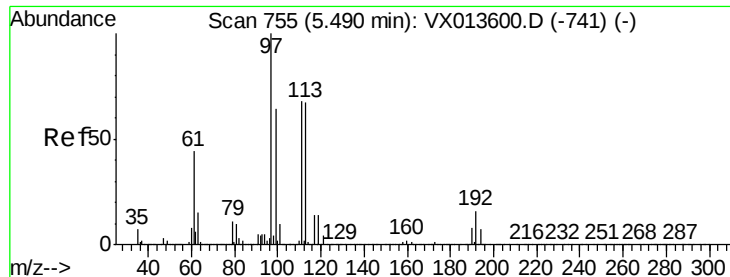
Tot Ion: 65 Resp: 342884
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013826.D
 Acq: 07 Dec 2019 02:21

Tgt Ion: 114 Resp: 942737
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 16.3 0.0 31.4

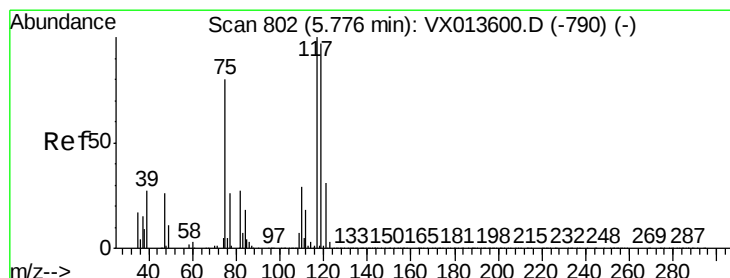
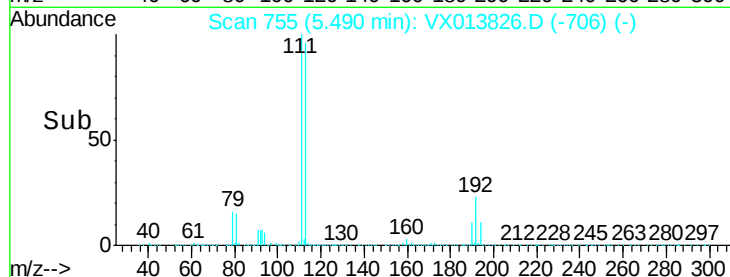
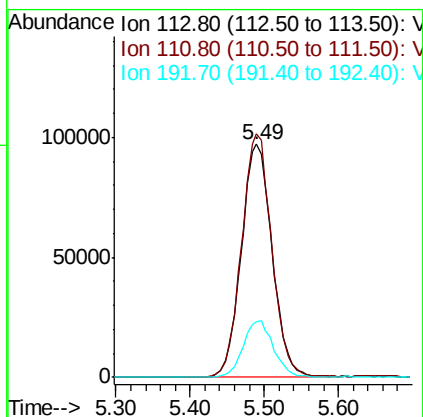
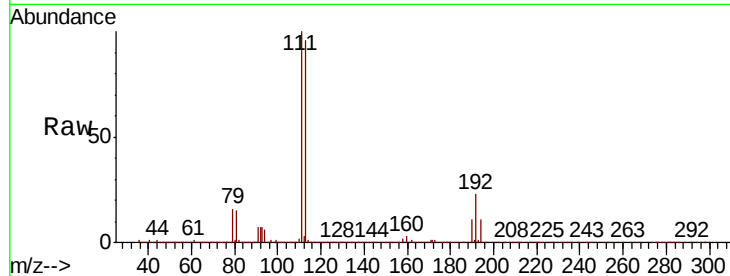




#35
Dibromofluoromethane
Concen: 48.259 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013826.D
Acq: 07 Dec 2019 02:21

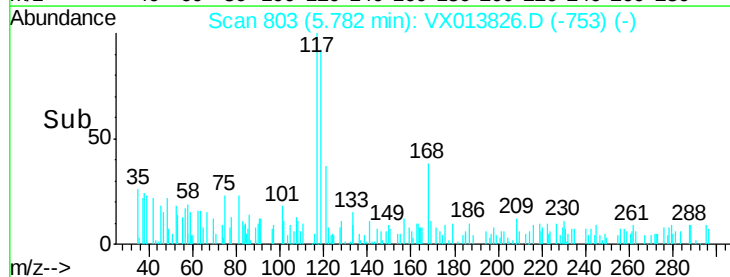
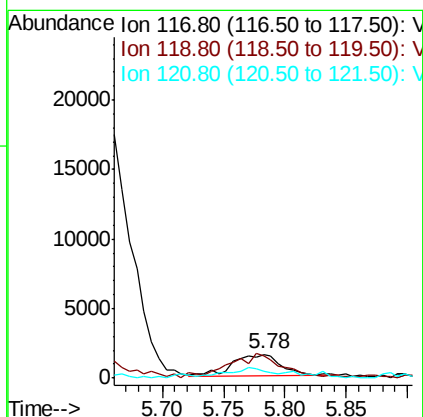
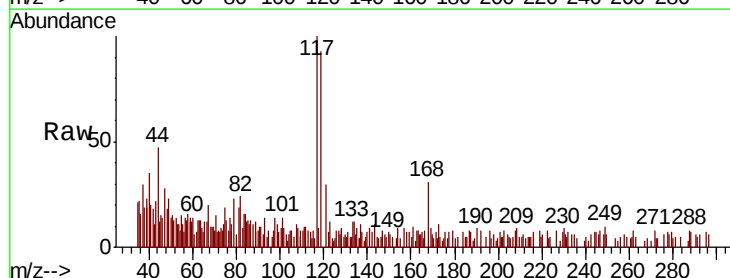
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20191205

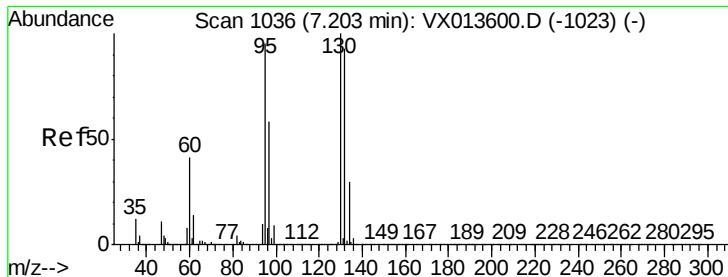
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.6	125.4
192	23.8	19.2	28.8



#38
Carbon Tetrachloride
Concen: 0.544 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013826.D
Acq: 07 Dec 2019 02:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.5	116.3
121	18.4	25.0	37.6#





#44

Trichloroethene

Concen: 275.994 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

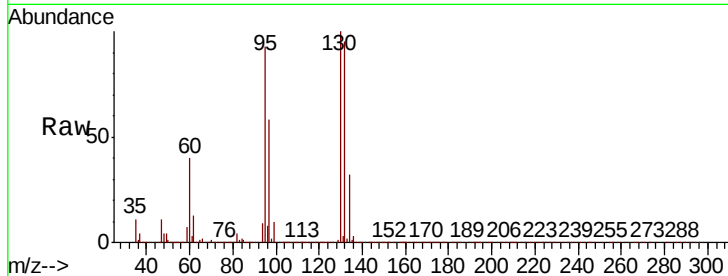
RE125D2-20191205

Tot Ion:130 Resp: 1974224

Ion Ratio Lower Upper

130 100

95 92.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

1000000

800000

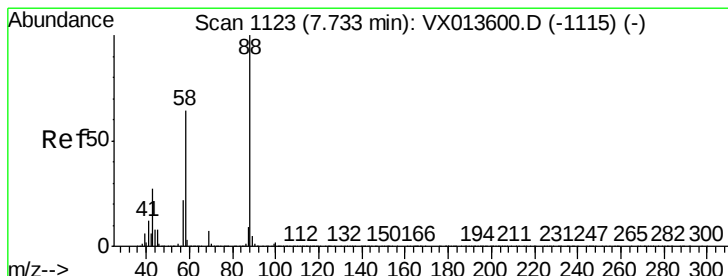
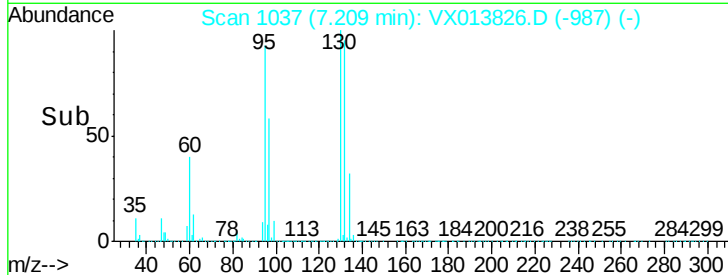
600000

400000

200000

0

Time-->



#49

1,4-Dioxane

Concen: 25.260 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

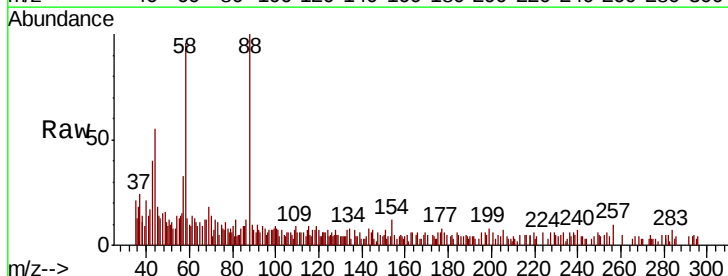
Tgt Ion: 88 Resp: 4342

Ion Ratio Lower Upper

88 100

43 25.3 25.8 38.6#

58 75.0 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

3000

2500

2000

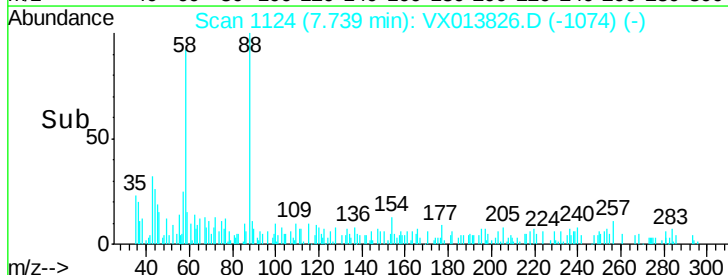
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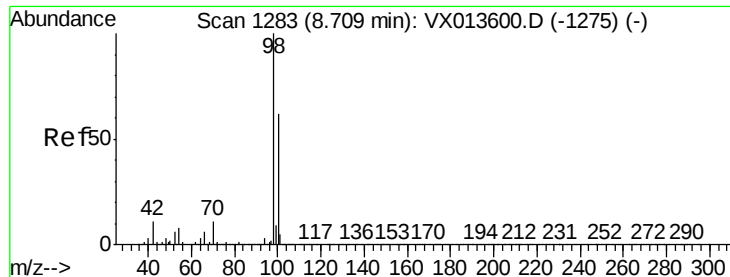
1000

500

0

Time-->





#50

Toluene-d8

Concen: 49.572 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

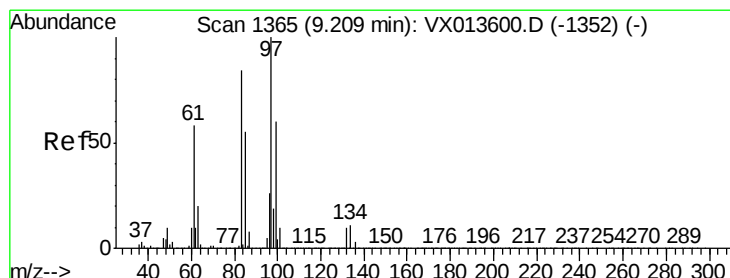
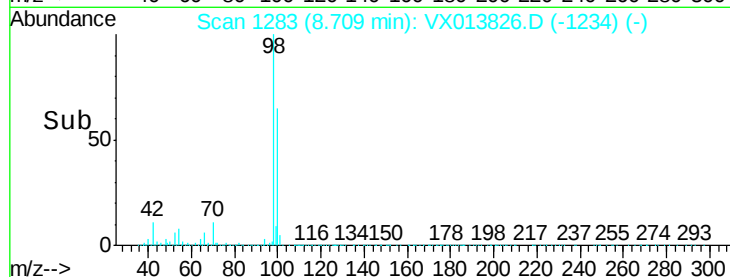
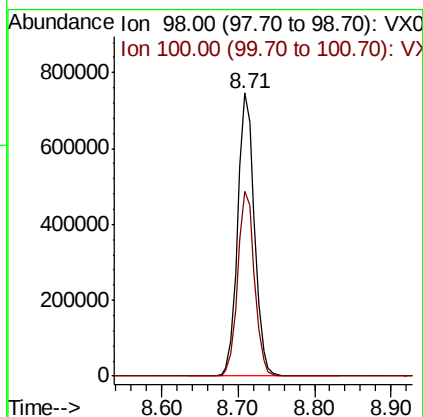
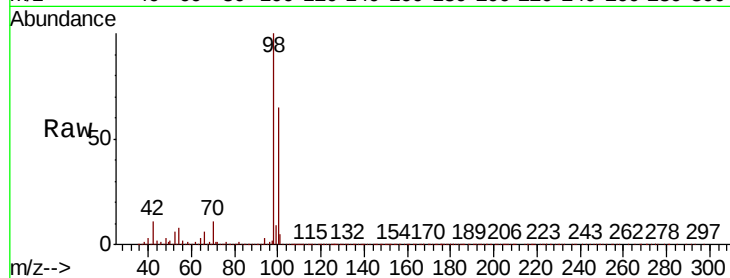
RE125D2-20191205

Tot Ion: 98 Resp: 1125637

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#55

1,1,2-Trichloroethane

Concen: 0.404 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

Tgt Ion: 97 Resp: 2633

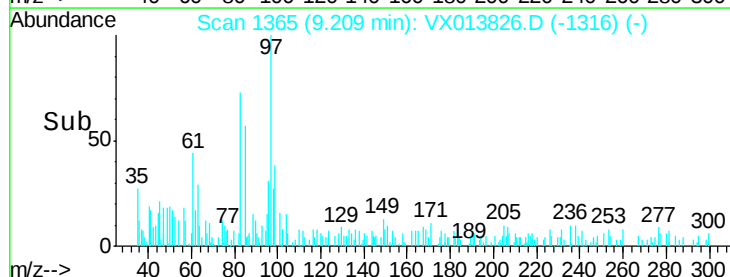
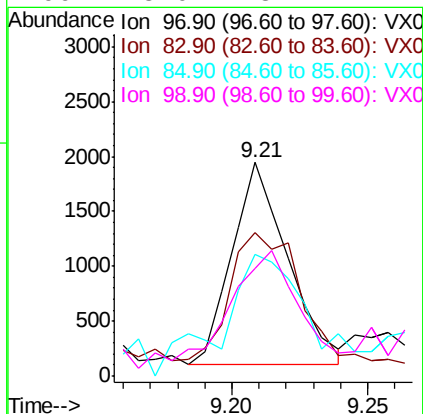
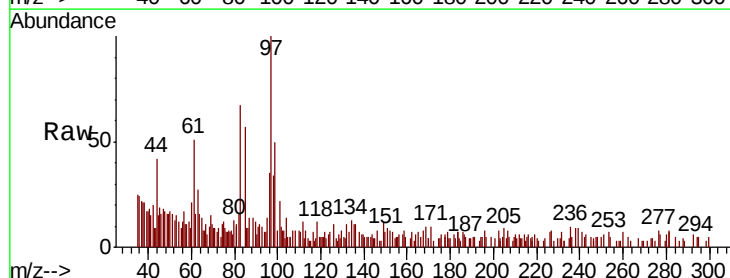
Ion Ratio Lower Upper

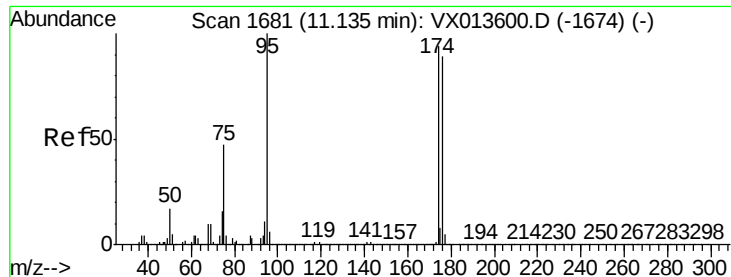
97 100

83 68.3 67.3 100.9

85 42.3 43.6 65.4#

99 45.0 48.2 72.4#





#62

4-Bromofluorobenzene

Concen: 44.823 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20191205

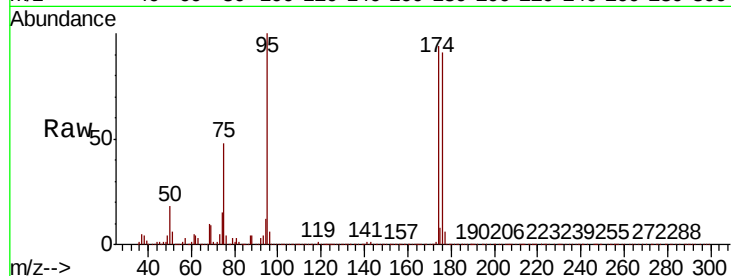
Tot Ion: 95 Resp: 367018

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

176 86.7 0.0 173.6

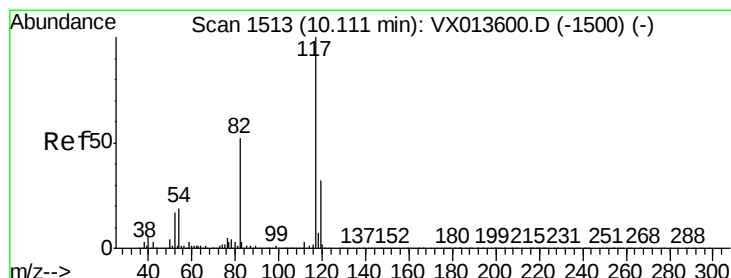
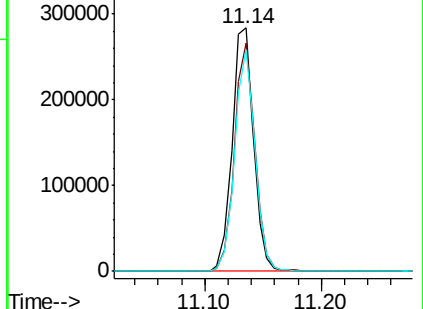
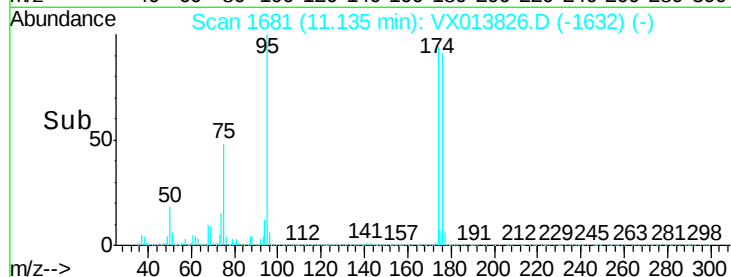


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

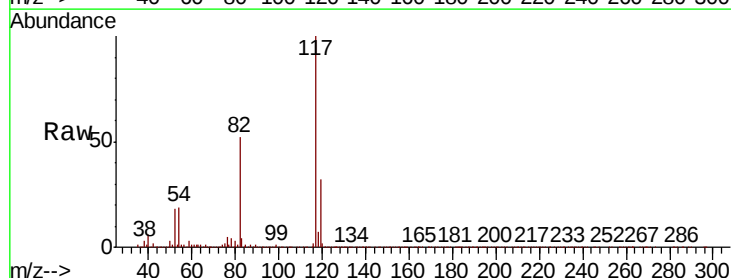
Tgt Ion: 117 Resp: 847265

Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.8

119 32.3 25.8 38.8

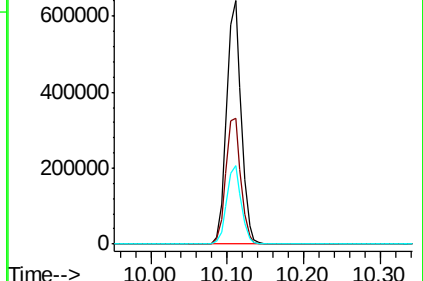
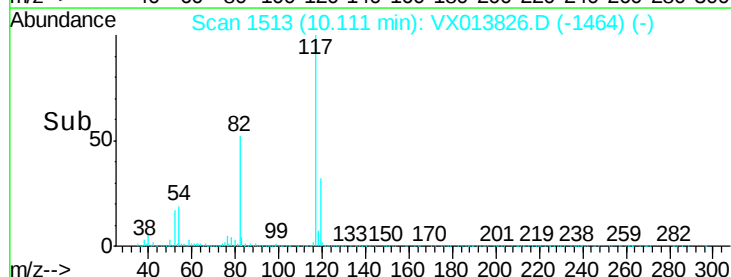


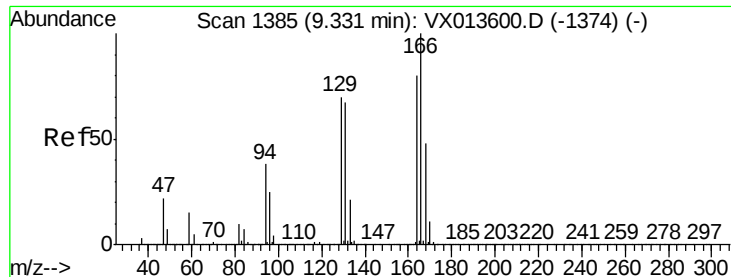
Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->





#64

Tetrachloroethene

Concen: 4.293 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20191205

Tot Ion:164 Resp: 27122

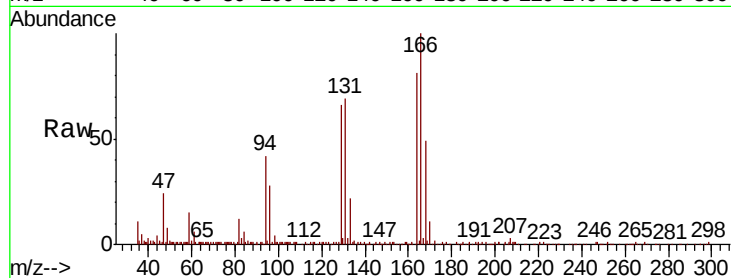
Ion Ratio Lower Upper

164 100

166 123.4 99.7 149.5

129 80.3 70.1 105.1

131 84.2 66.9 100.3

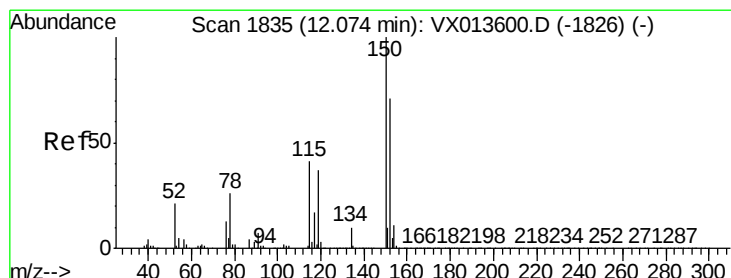
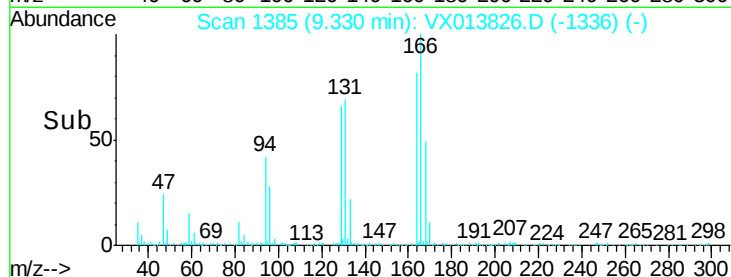
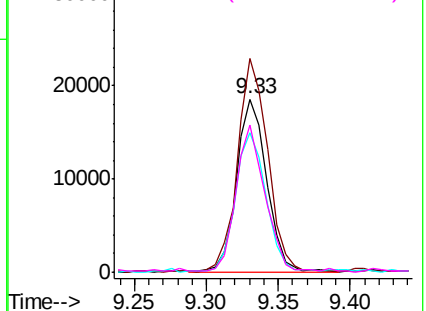


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013826.D

Acq: 07 Dec 2019 02:21

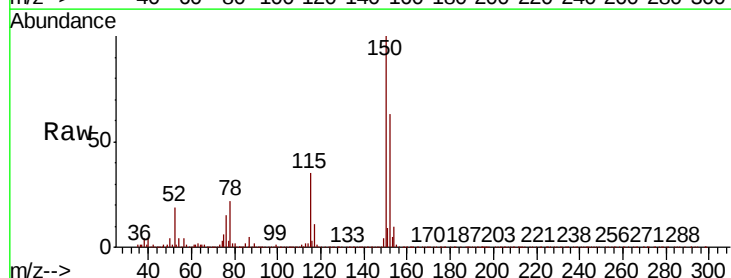
Tgt Ion:152 Resp: 366104

Ion Ratio Lower Upper

152 100

115 55.3 38.4 115.1

150 155.4 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

