

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013829.D
 Acq On : 07 Dec 2019 03:31
 Operator : JC/SP
 Sample : K6185-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20191205

Quant Time: Dec 09 09:58:08 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	635353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	966717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	863311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371636	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	350114	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	5.49	113	289965	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	1139113	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.14	95	377879	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	

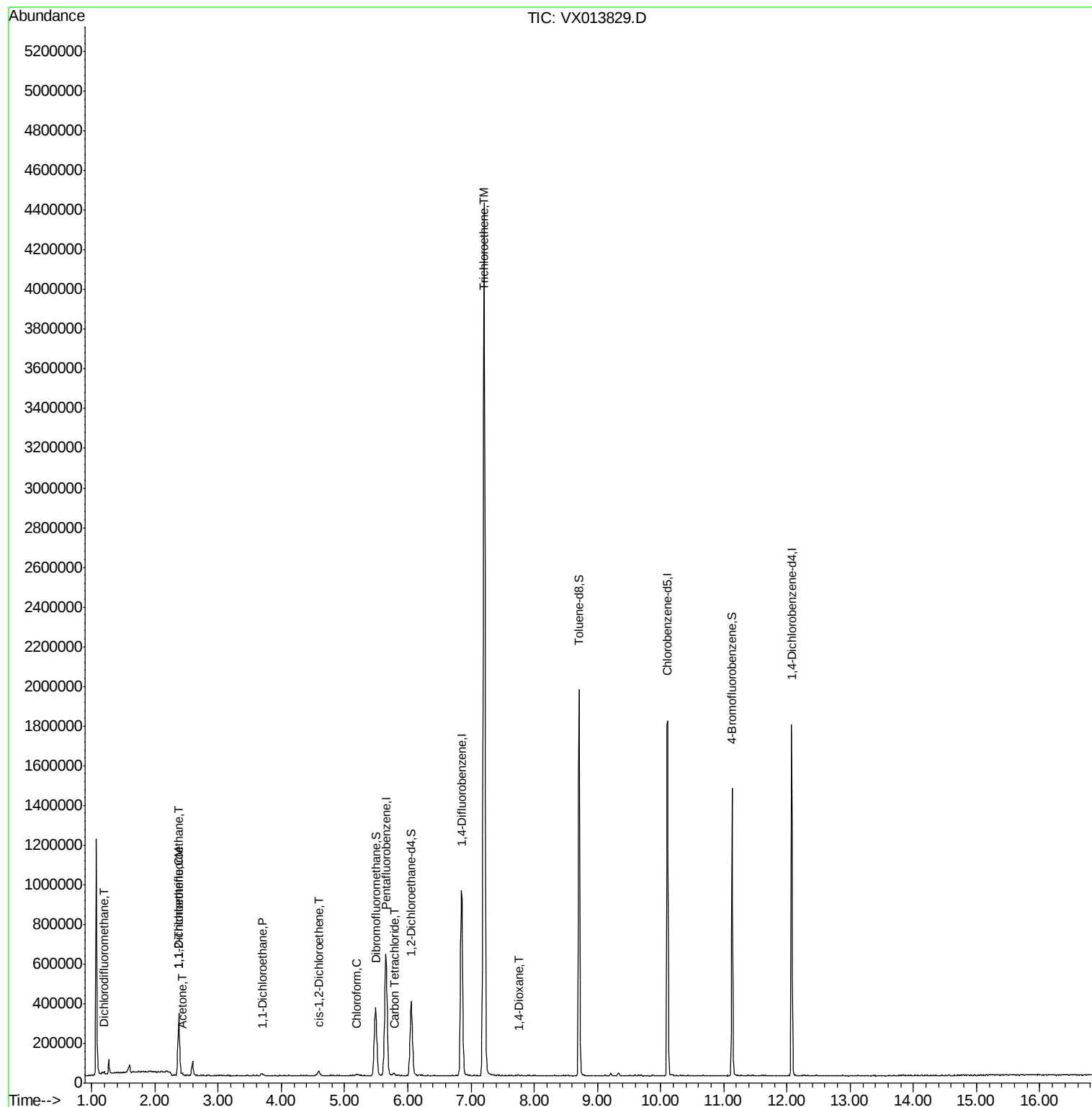
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	5321	0.752	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102012	16.840	ug/l	98
12) 1,1-Dichloroethene	2.37	96	36094	5.969	ug/l	89
16) Acetone	2.43	43	10502	2.884	ug/l	89
24) 1,1-Dichloroethane	3.69	63	12150	1.052	ug/l #	94
27) cis-1,2-Dichloroethene	4.59	96	15238	2.014	ug/l	92
30) Chloroform	5.20	83	9004	0.769	ug/l	97
38) Carbon Tetrachloride	5.78	117	11027	1.363	ug/l	92
44) Trichloroethene	7.21	130	1723345	234.945	ug/l	96
49) 1,4-Dioxane	7.75	88	3199	18.149	ug/l #	66

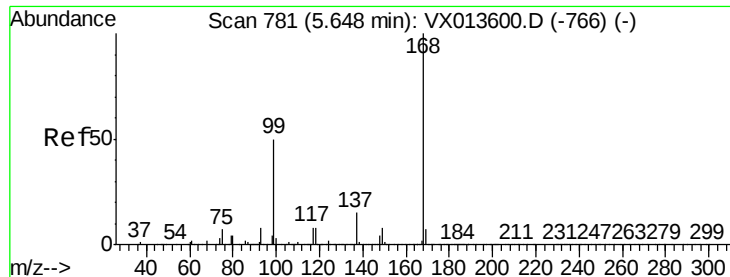
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VX013829.D

Acq: 07 Dec 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

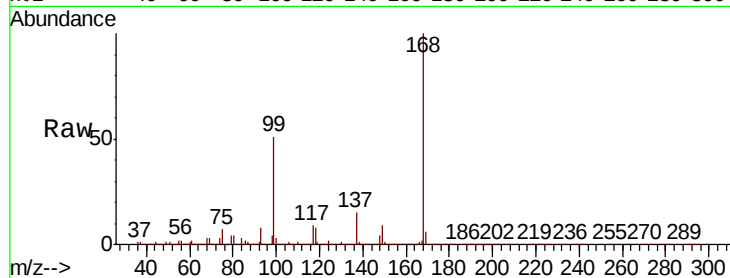
TT101D1-20191205

Tot Ion:168 Resp: 635353

Ion Ratio Lower Upper

168 100

99 50.7 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

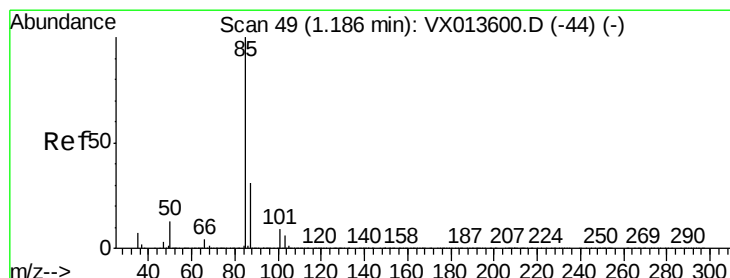
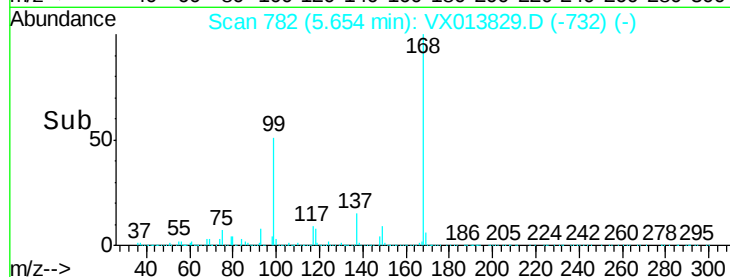
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.752 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013829.D

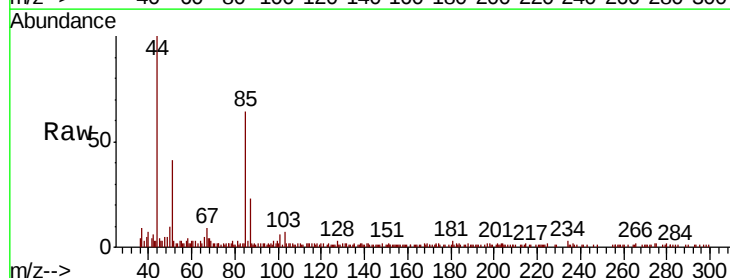
Acq: 07 Dec 2019 03:31

Tgt Ion: 85 Resp: 5321

Ion Ratio Lower Upper

85 100

87 33.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

6000

5000

4000

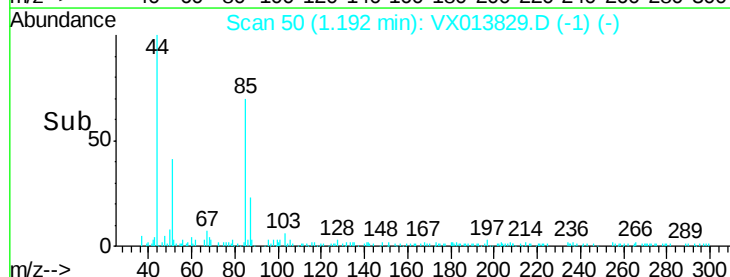
3000

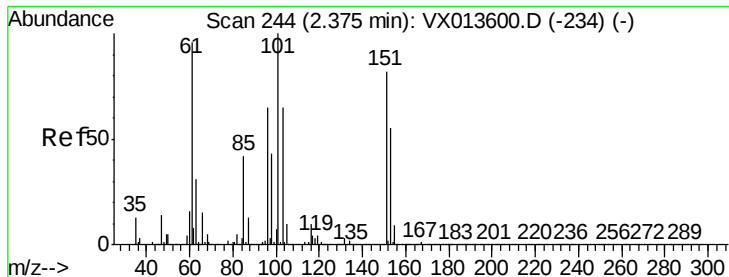
2000

1000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.840 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013829.D

Acq: 07 Dec 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20191205

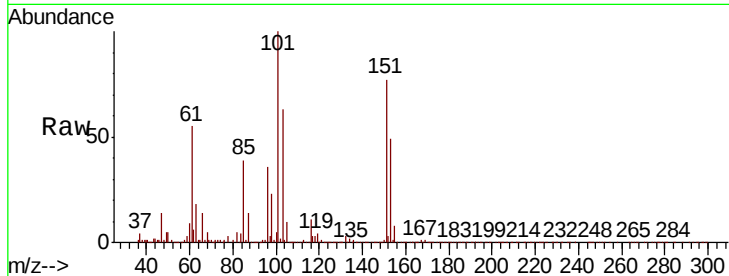
Tot Ion:101 Resp: 102012

Ion Ratio Lower Upper

101 100

85 40.5 33.9 50.9

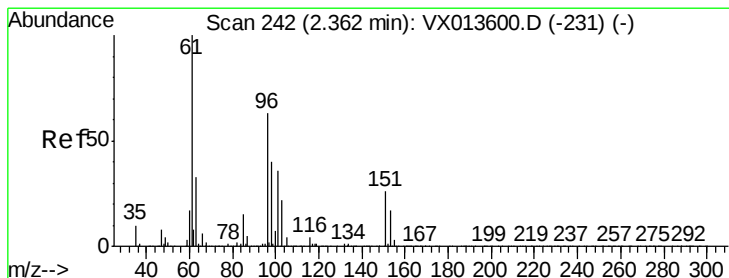
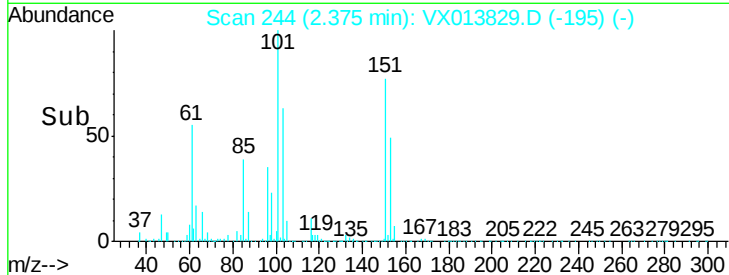
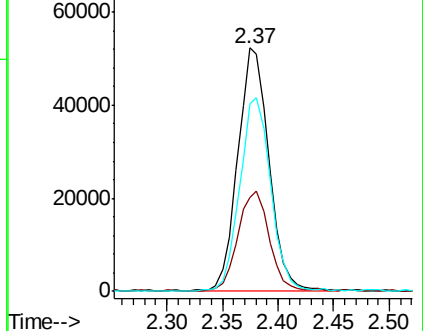
151 78.6 64.2 96.2



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



#12

1,1-Dichloroethene

Concen: 5.969 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013829.D

Acq: 07 Dec 2019 03:31

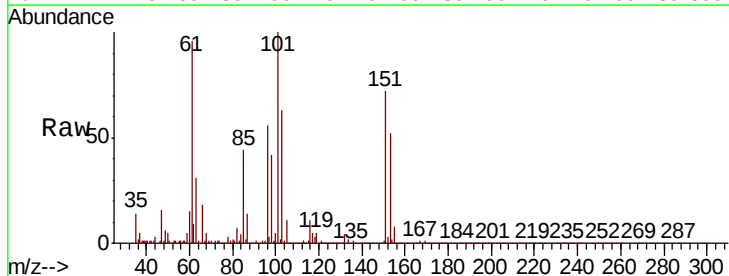
Tgt Ion: 96 Resp: 36094

Ion Ratio Lower Upper

96 100

61 172.0 126.6 190.0

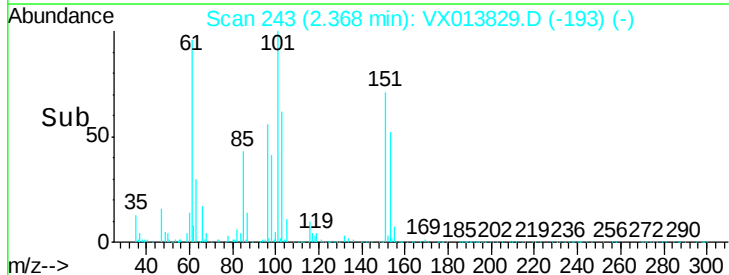
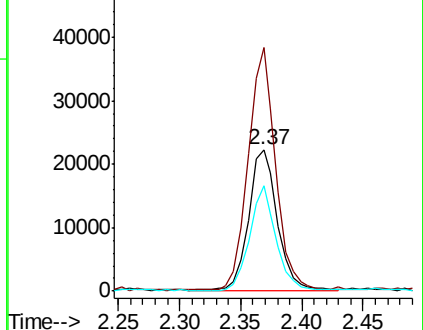
98 74.2 50.6 76.0

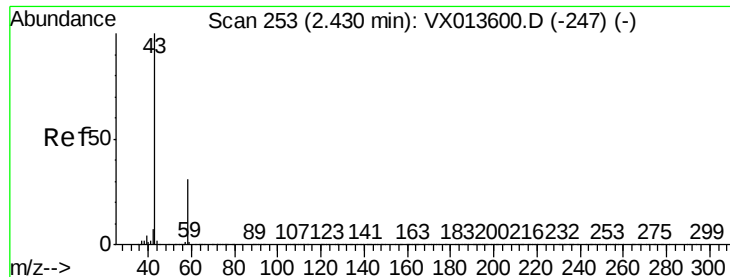


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 2.884 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013829.D

Acq: 07 Dec 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

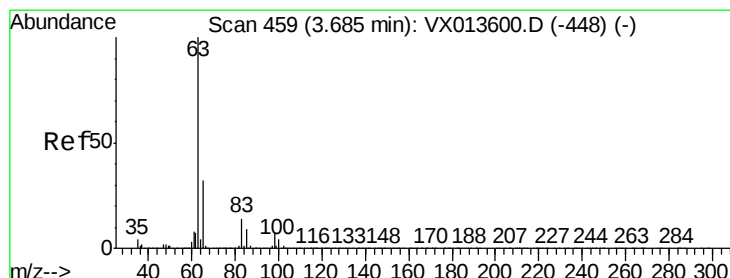
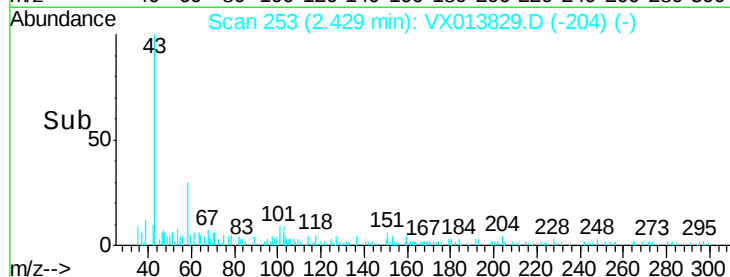
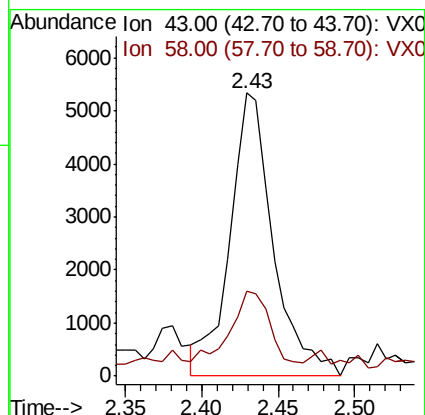
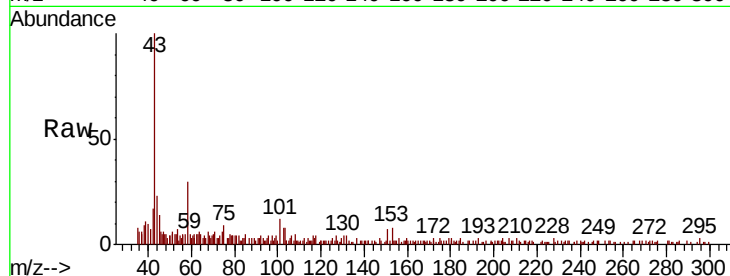
TT101D1-20191205

Tot Ion: 43 Resp: 10502

Ion Ratio Lower Upper

43 100

58 24.7 24.6 36.8



#24

1,1-Dichloroethane

Concen: 1.052 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013829.D

Acq: 07 Dec 2019 03:31

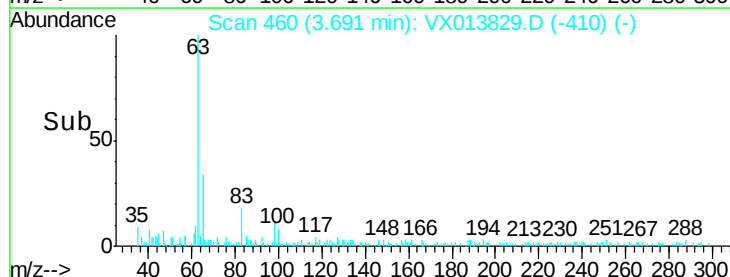
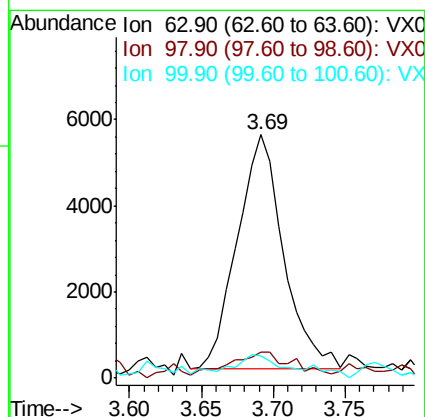
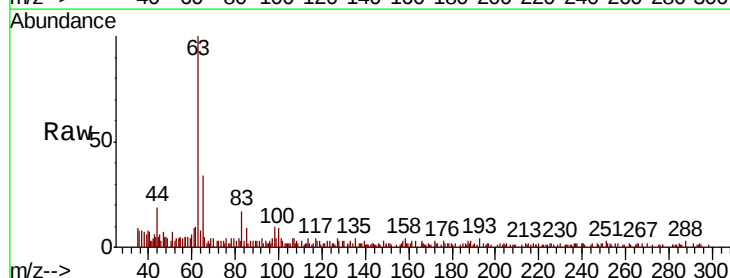
Tgt Ion: 63 Resp: 12150

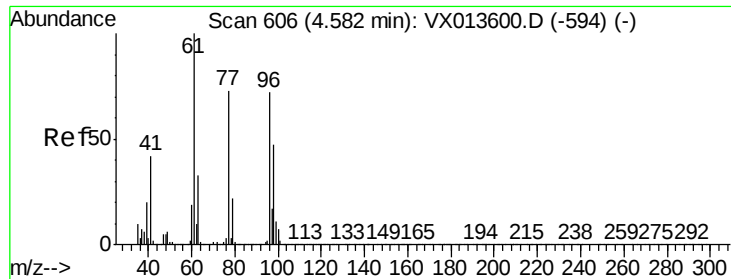
Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.4

100 7.4 2.1 6.3#



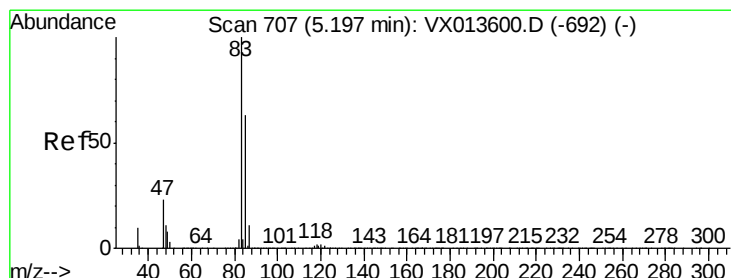
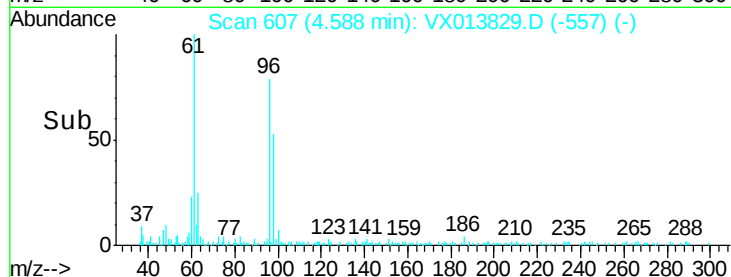
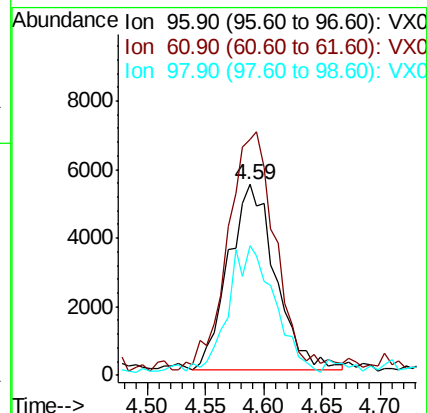
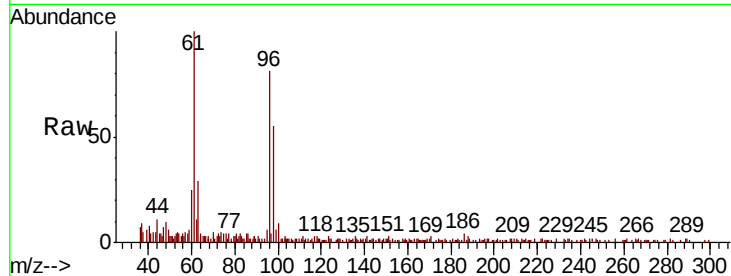


#27

cis-1,2-Dichloroethene
 Concen: 2.014 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013829.D
 Acq: 07 Dec 2019 03:31

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20191205

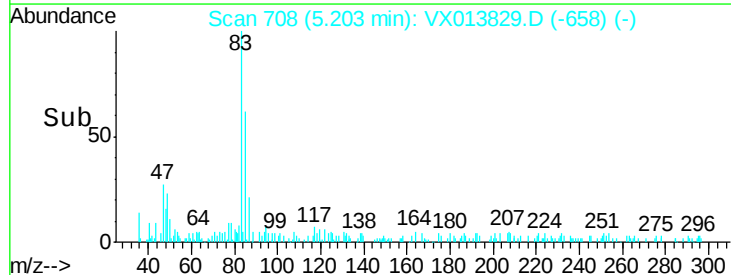
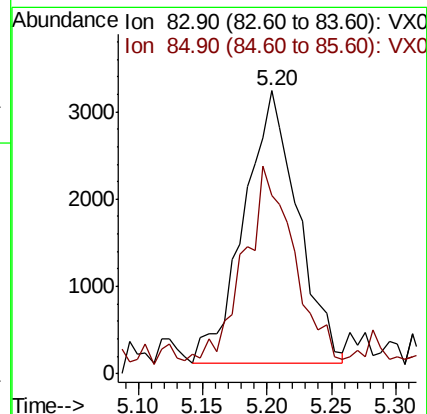
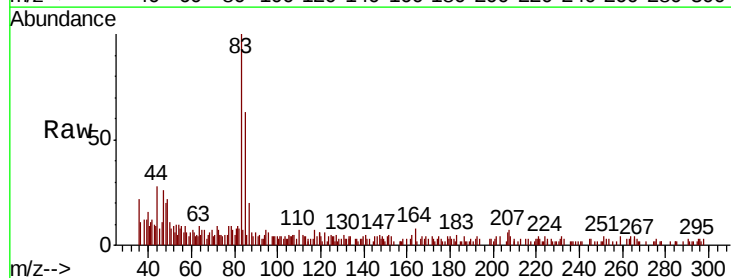
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	286.4
98	66.2	0.0	127.4

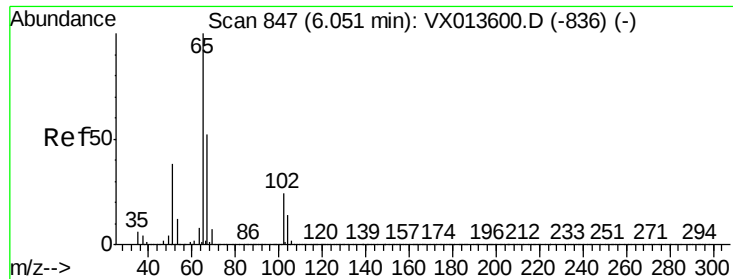


#30

Chloroform
 Concen: 0.769 ug/l
 RT: 5.20 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VX013829.D
 Acq: 07 Dec 2019 03:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.4	50.2	75.4





#33

1,2-Dichloroethane-d4

Concen: 47.473 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013829.D

Acq: 07 Dec 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

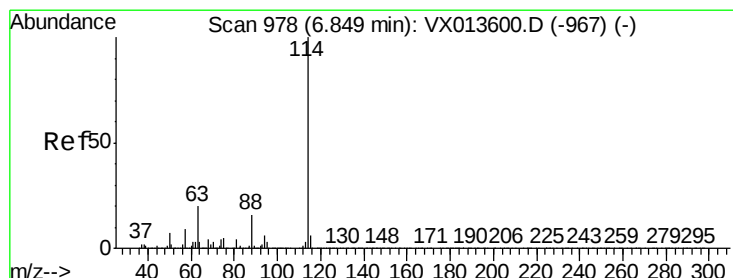
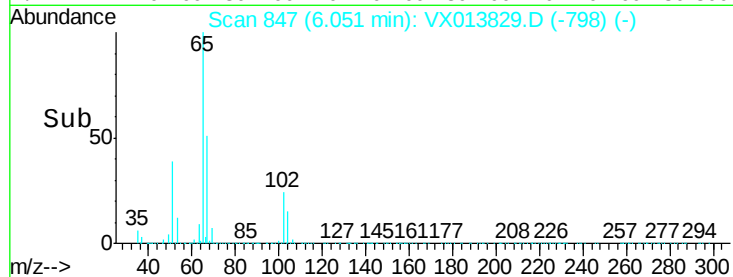
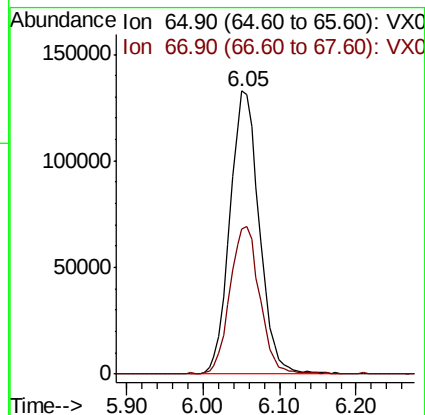
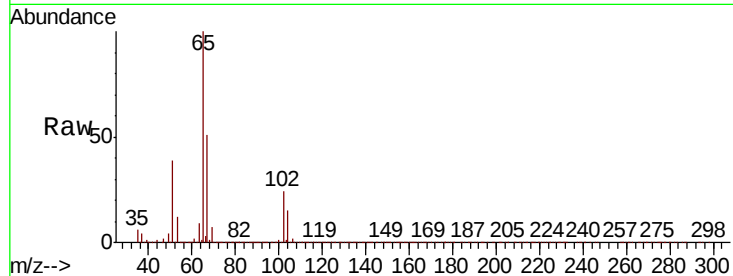
TT101D1-20191205

Tot Ion: 65 Resp: 350114

Ion Ratio Lower Upper

65 100

67 52.7 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: VX013829.D

Acq: 07 Dec 2019 03:31

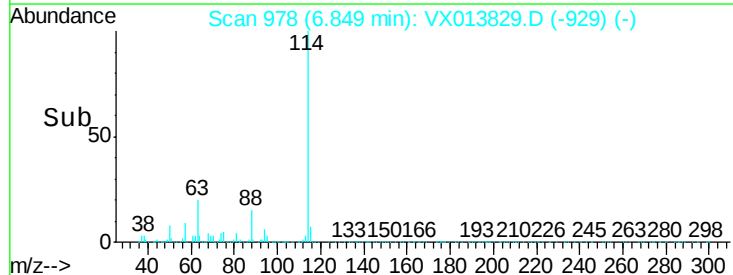
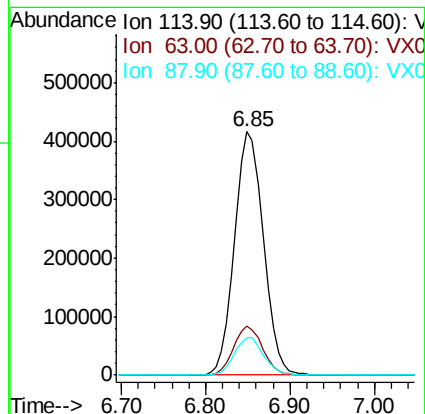
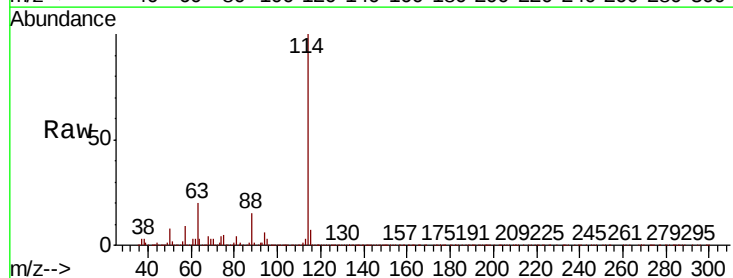
Tgt Ion: 114 Resp: 966717

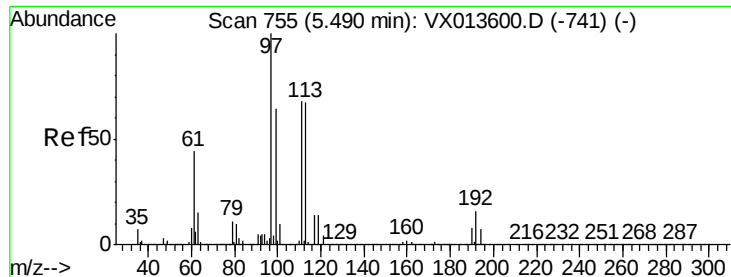
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.2 0.0 31.4

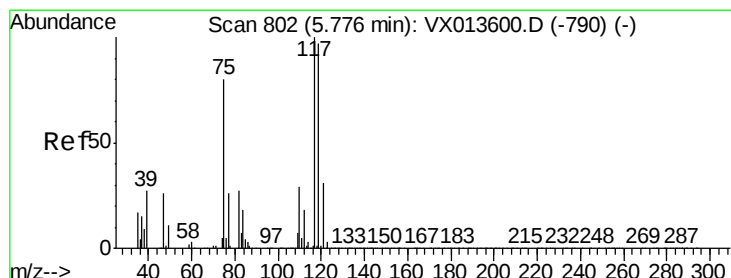
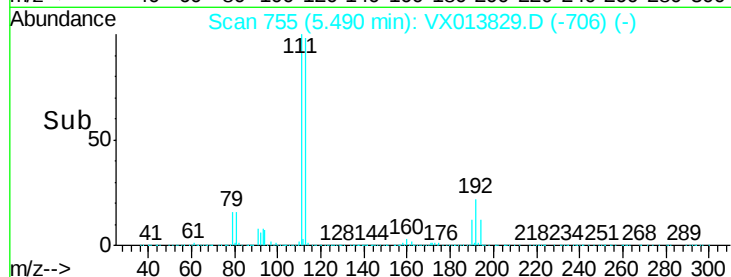
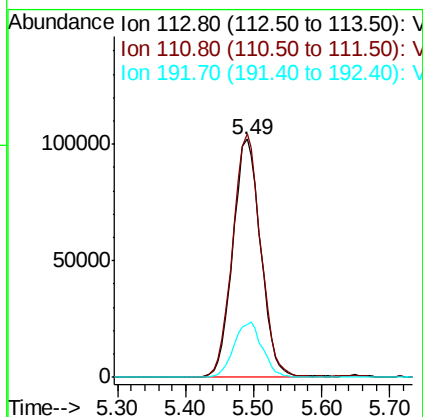
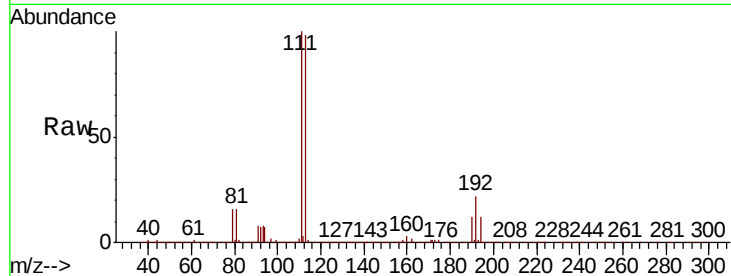




#35
Dibromofluoromethane
Concen: 48.519 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

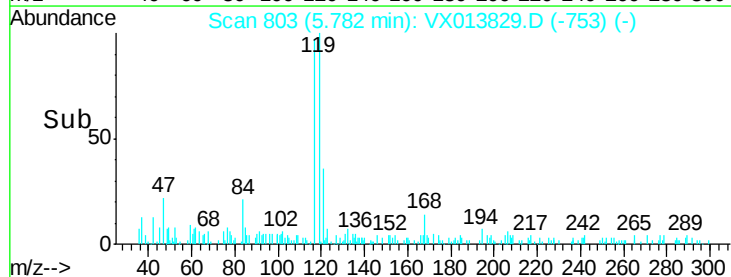
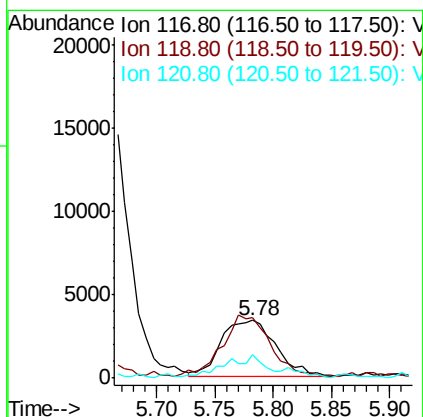
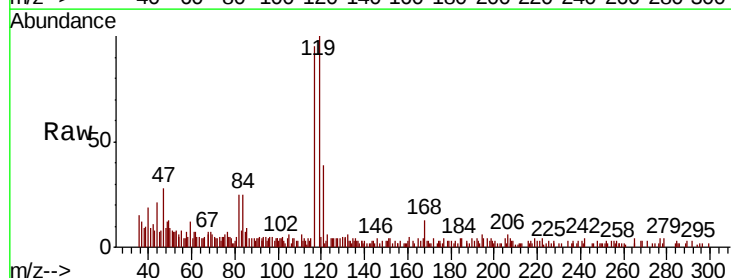
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

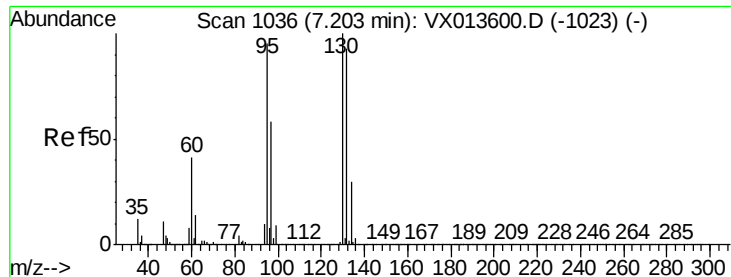
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.6	125.4
192	23.9	19.2	28.8



#38
Carbon Tetrachloride
Concen: 1.363 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.7	77.5	116.3
121	37.1	25.0	37.6





#44

Trichloroethene

Concen: 234.945 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013829.D

Acq: 07 Dec 2019 03:31

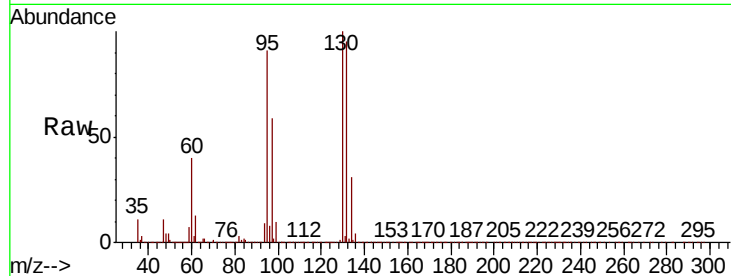
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tot Ion:130 Resp: 1723345

Ion Ratio Lower Upper

130 100

95 91.1 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

800000

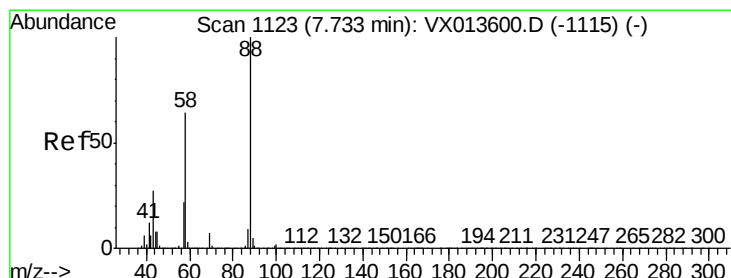
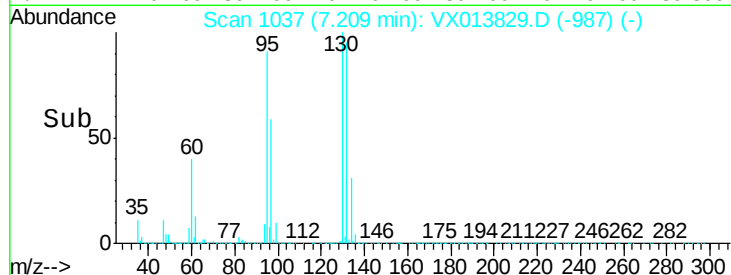
600000

400000

200000

0

Time--> 7.00 7.10 7.20 7.30 7.40



#49

1,4-Dioxane

Concen: 18.149 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX013829.D

Acq: 07 Dec 2019 03:31

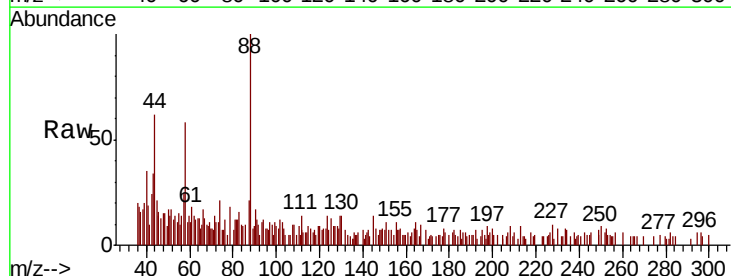
Tgt Ion: 88 Resp: 3199

Ion Ratio Lower Upper

88 100

43 29.9 25.8 38.6

58 107.8 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

2000

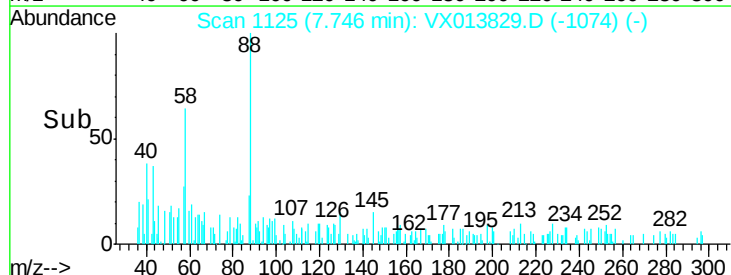
1500

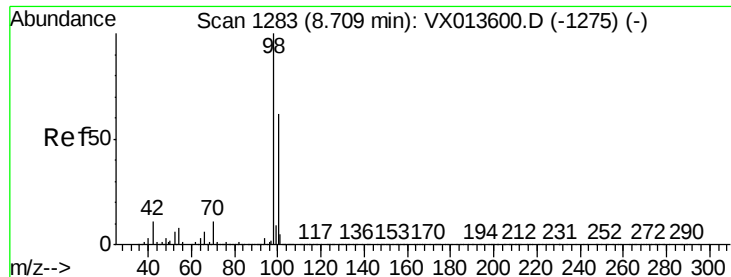
1000

500

0

Time--> 7.70 7.75 7.80





#50

Toluene-d8

Concen: 48.921 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013829.D

Acq: 07 Dec 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

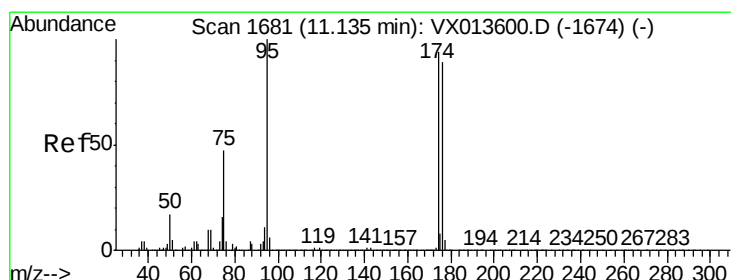
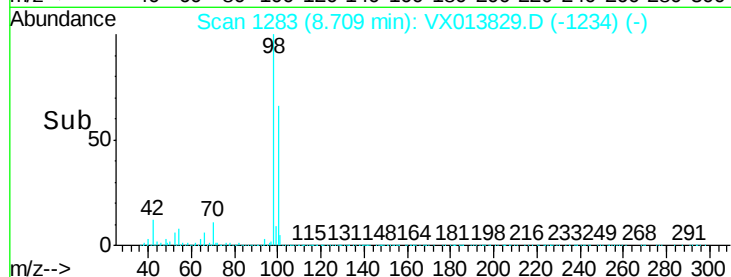
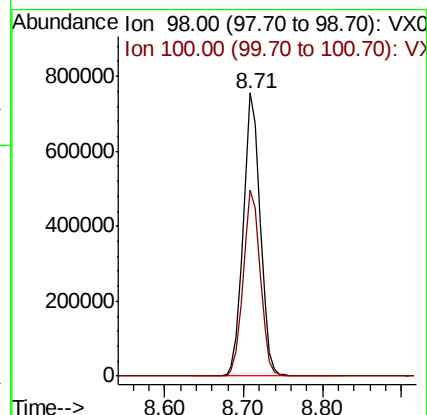
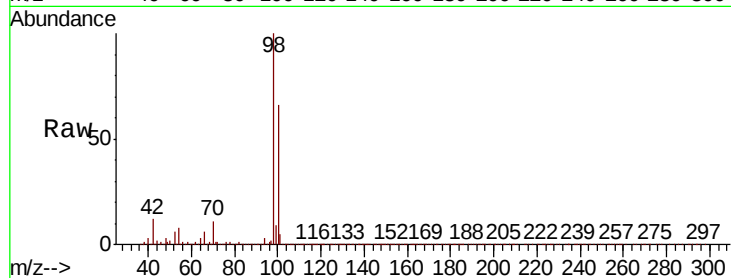
TT101D1-20191205

Tot Ion: 98 Resp: 1139113

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.004 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013829.D

Acq: 07 Dec 2019 03:31

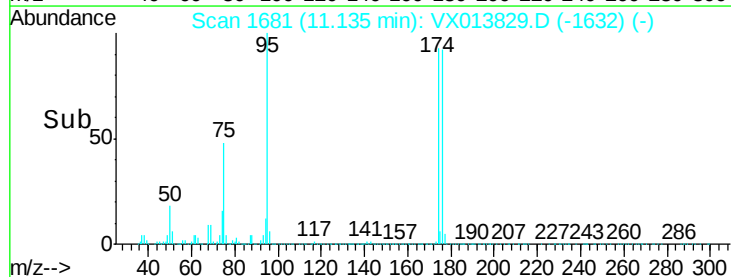
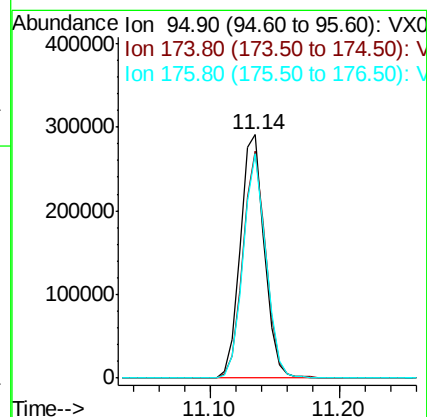
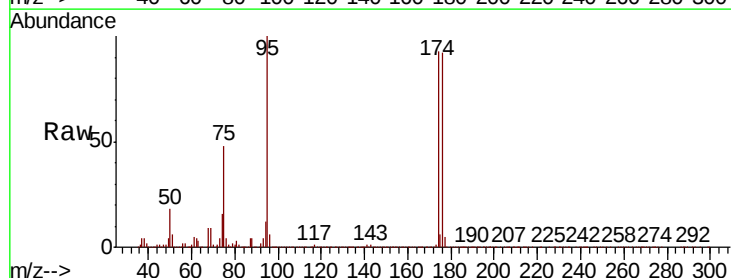
Tgt Ion: 95 Resp: 377879

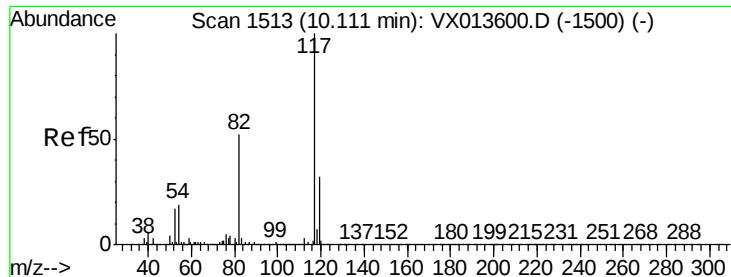
Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

176 87.3 0.0 173.6

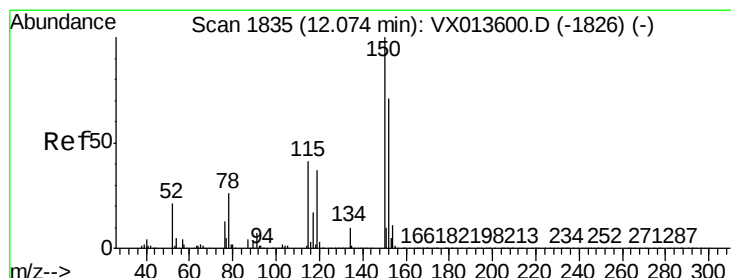
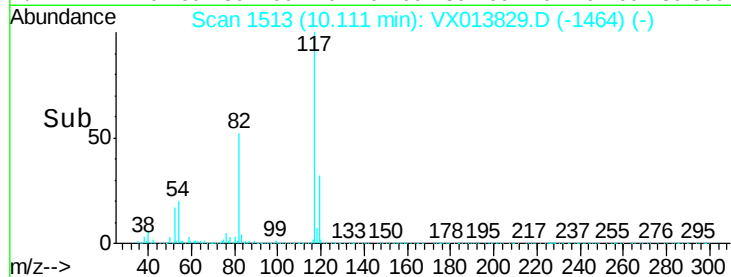
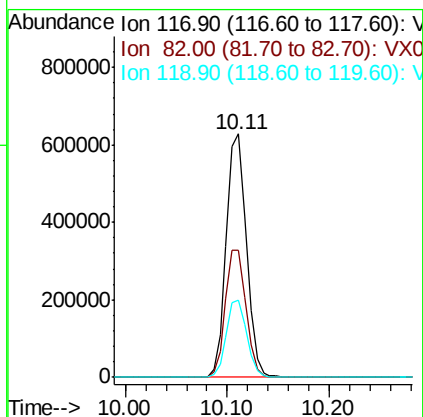
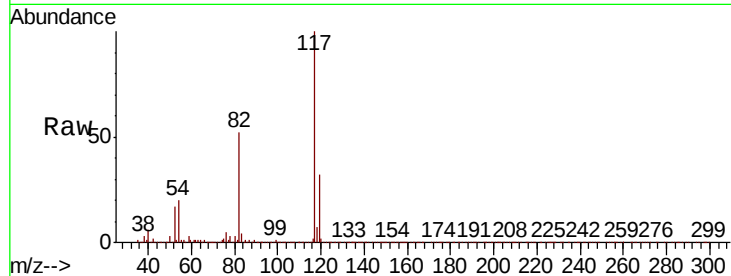




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013829.D
Acq: 07 Dec 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20191205

Tot Ion:117 Resp: 863311
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 31.7 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: VX013829.D
Acq: 07 Dec 2019 03:31

Tgt Ion:152 Resp: 371636
Ion Ratio Lower Upper
152 100
115 54.6 38.4 115.1
150 154.6 0.0 346.8

