

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015689.D
 Acq On : 15 Apr 2020 17:31
 Operator : JC/SP
 Sample : L2233-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW206-200408

Quant Time: Apr 16 07:16:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1013680	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	1576565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1509173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	797121	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	631459	44.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.34%	
35) Dibromofluoromethane	5.47	113	480064	47.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.28%	
50) Toluene-d8	8.70	98	1874415	50.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.12	95	779707	51.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.42%	

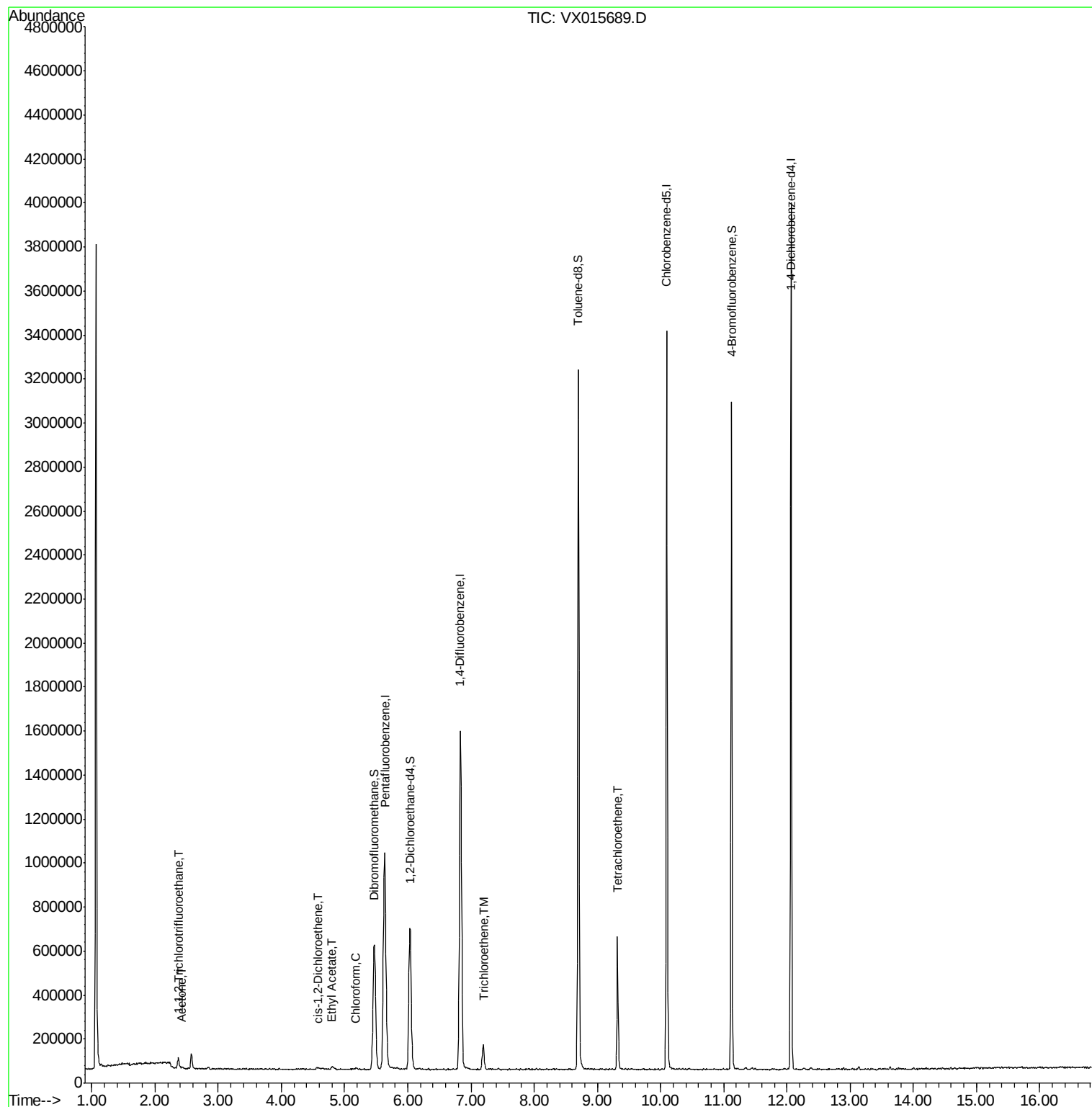
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	19990	2.189	ug/l	89
16) Acetone	2.42	43	11817	1.924	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	6319	0.514	ug/l	85
30) Chloroform	5.19	83	8190	0.408	ug/l	94
37) Ethyl Acetate	4.81	43	23808	1.259	ug/l #	92
44) Trichloroethene	7.19	130	47574	4.099	ug/l	83
64) Tetrachloroethene	9.32	164	123016	10.801	ug/l	99

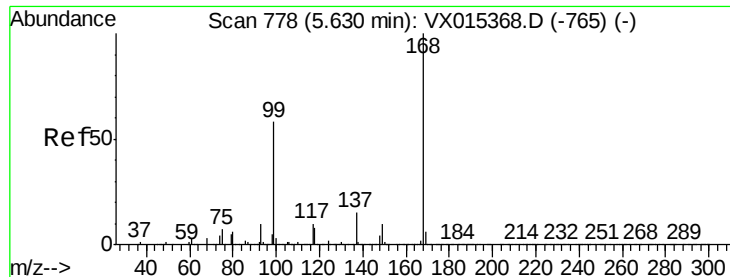
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
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: VX015689.D

Acq: 15 Apr 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

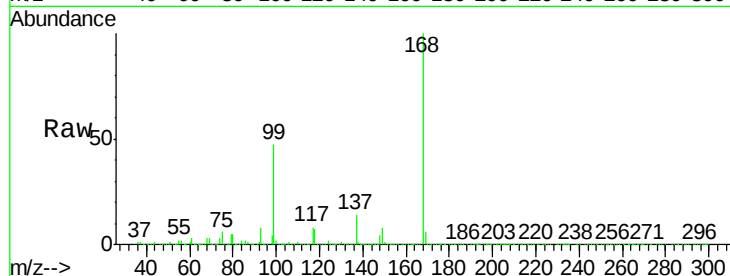
SS037MW206-200408

Tot Ion:168 Resp: 1013680

Ion Ratio Lower Upper

168 100

99 47.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

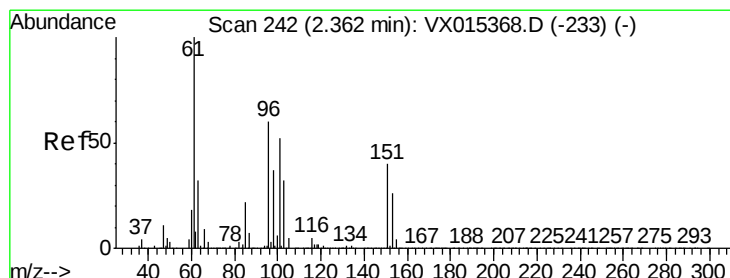
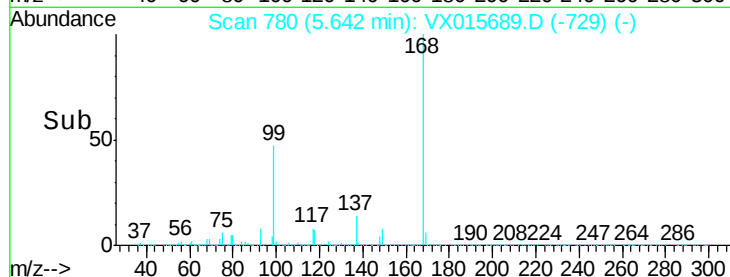
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.189 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015689.D

Acq: 15 Apr 2020 17:31

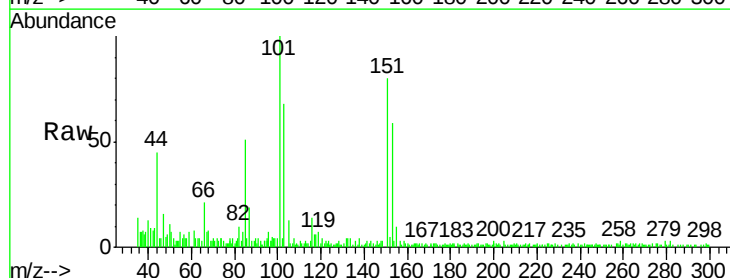
Tgt Ion:101 Resp: 19990

Ion Ratio Lower Upper

101 100

85 36.7 35.0 52.4

151 71.0 64.1 96.1



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

12000

10000

8000

6000

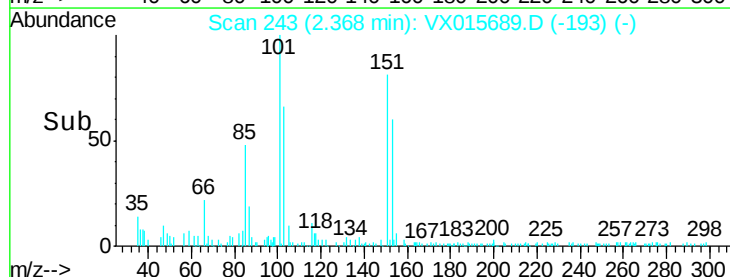
4000

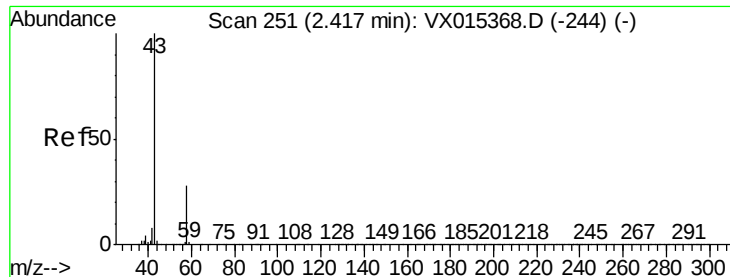
2000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 1.924 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015689.D

Acq: 15 Apr 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

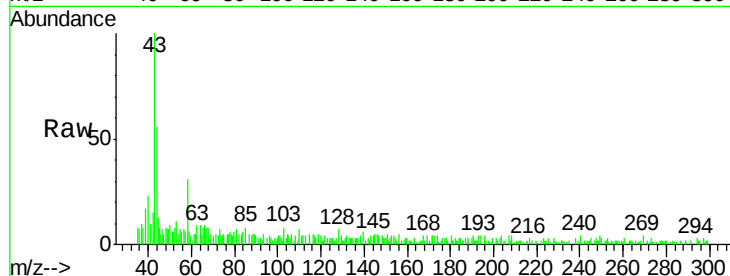
SS037MW206-200408

Tot Ion: 43 Resp: 11817

Ion Ratio Lower Upper

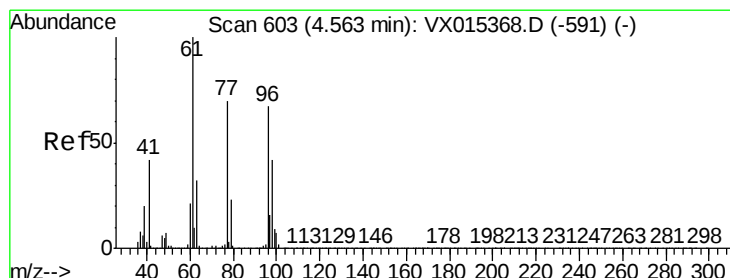
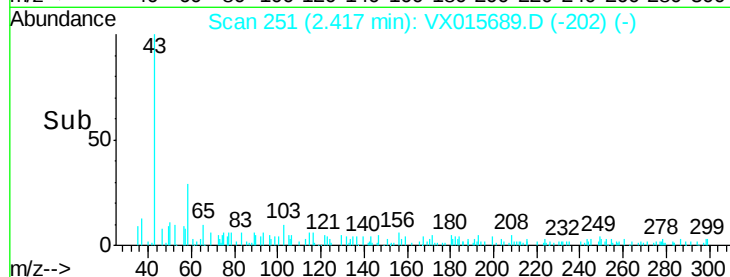
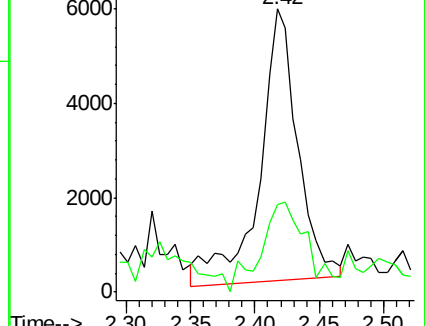
43 100

58 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.514 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX015689.D

Acq: 15 Apr 2020 17:31

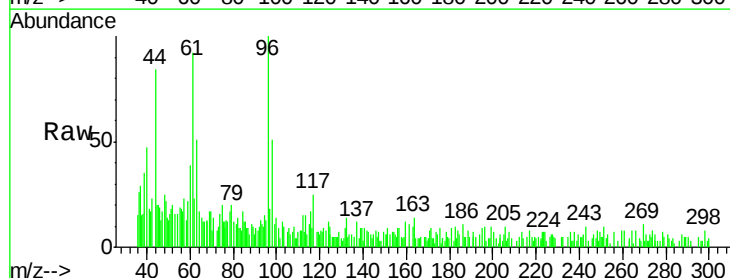
Tgt Ion: 96 Resp: 6319

Ion Ratio Lower Upper

96 100

61 132.5 0.0 308.4

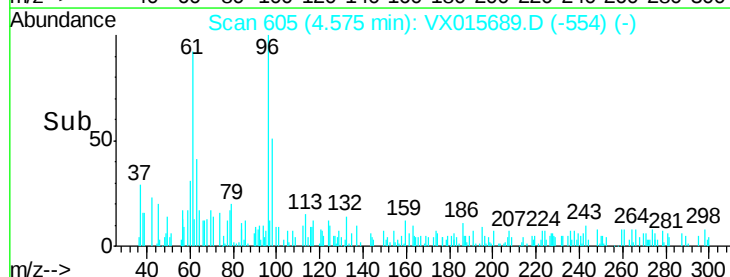
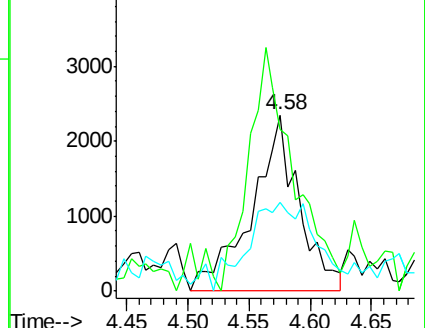
98 73.0 0.0 129.2

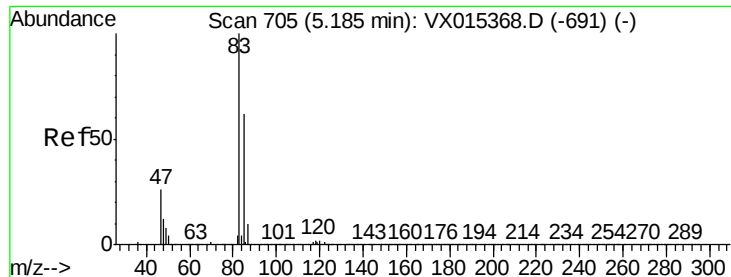


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

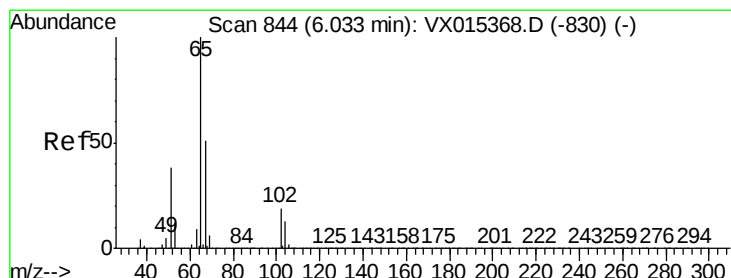
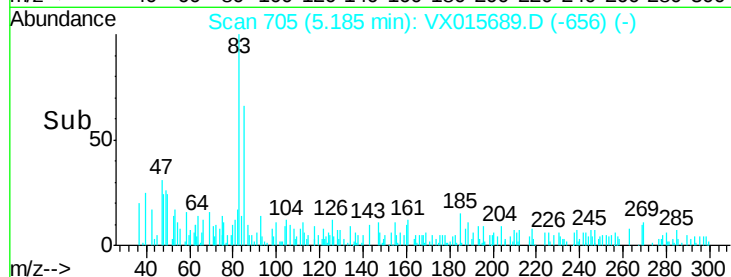
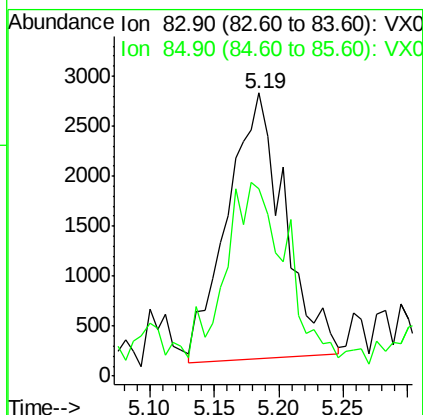
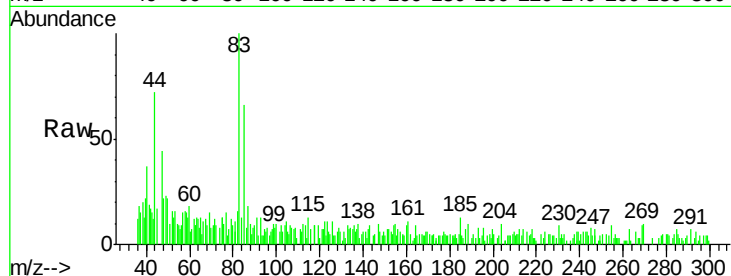




#30
Chloroform
Concen: 0.408 ug/l
RT: 5.19 min Scan# 705
Delta R.T. -0.00 min
Lab File: VX015689.D
Acq: 15 Apr 2020 17:31

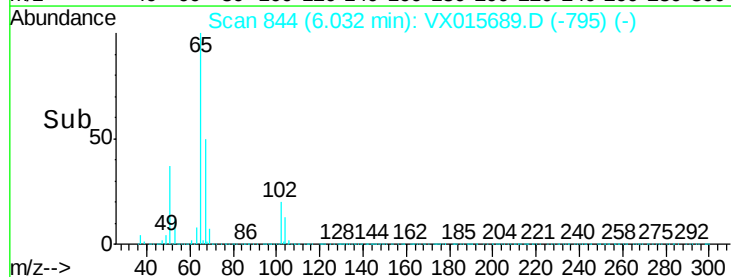
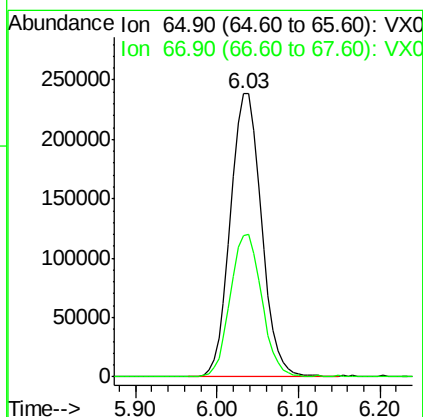
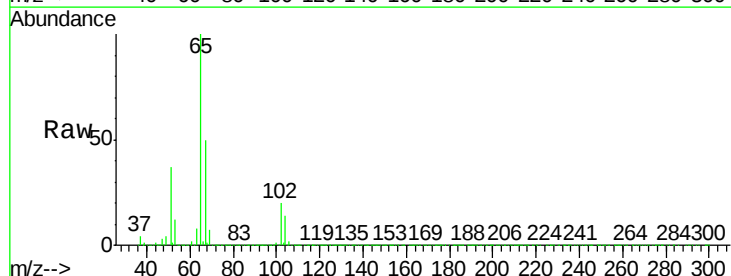
Instrument :
MSVOA_X
ClientSampleId :
SS037MW206-200408

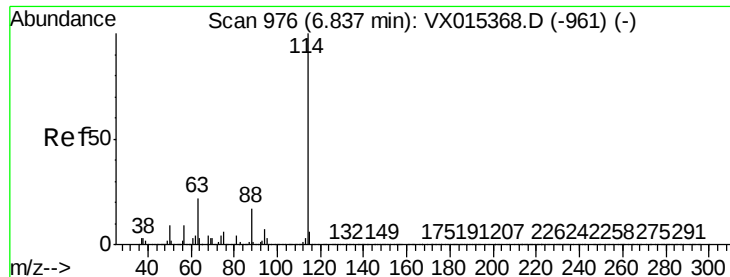
Tot Ion: 83 Resp: 8190
Ion Ratio Lower Upper
83 100
85 66.4 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 44.168 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015689.D
Acq: 15 Apr 2020 17:31

Tgt Ion: 65 Resp: 631459
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015689.D

Acq: 15 Apr 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

SS037MW206-200408

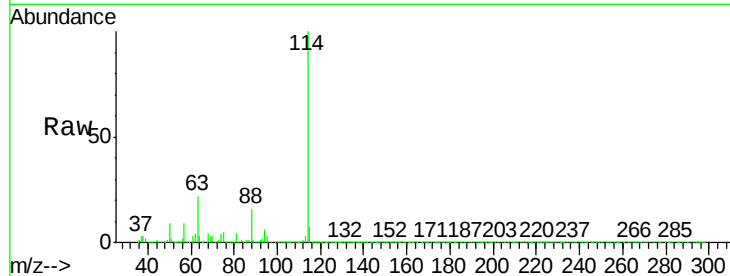
Tot Ion:114 Resp: 1576565

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.2

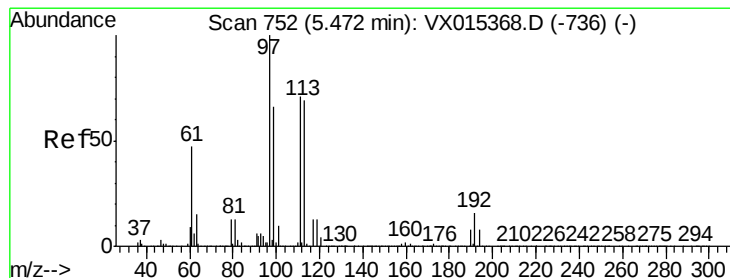
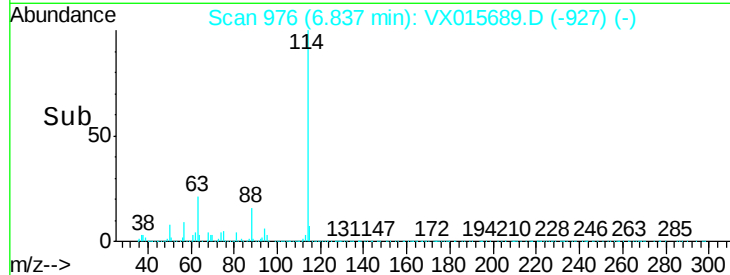
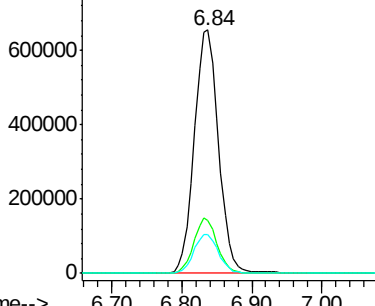
88 15.8 0.0 33.8



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: 47.636 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015689.D

Acq: 15 Apr 2020 17:31

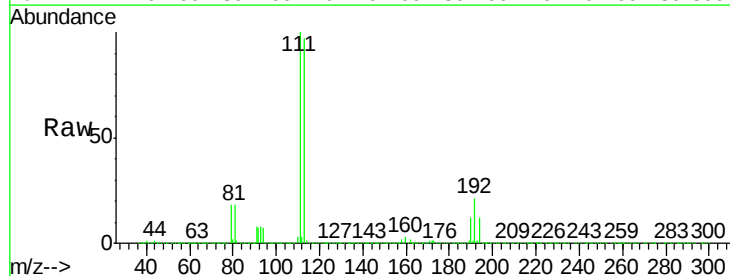
Tgt Ion:113 Resp: 480064

Ion Ratio Lower Upper

113 100

111 104.0 81.5 122.3

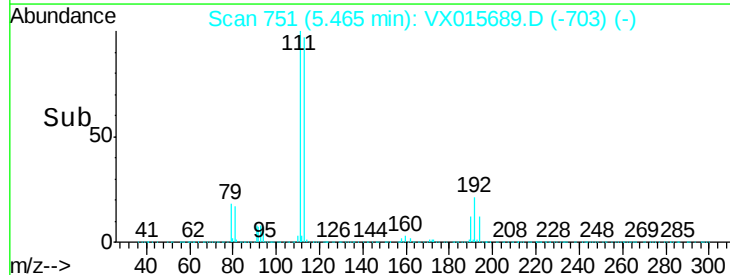
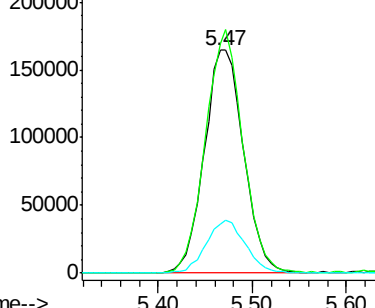
192 23.6 17.8 26.6

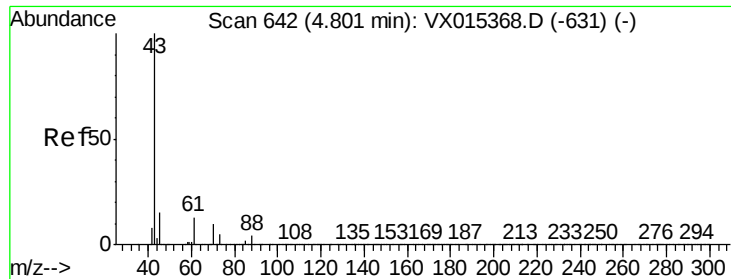


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

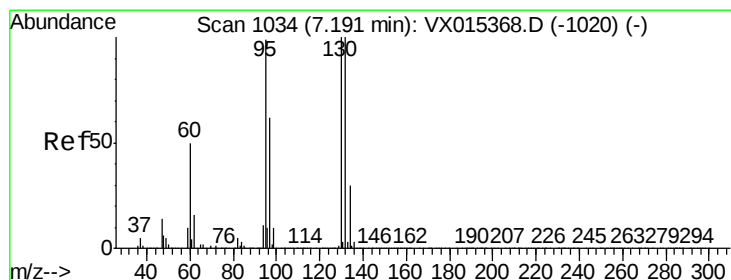
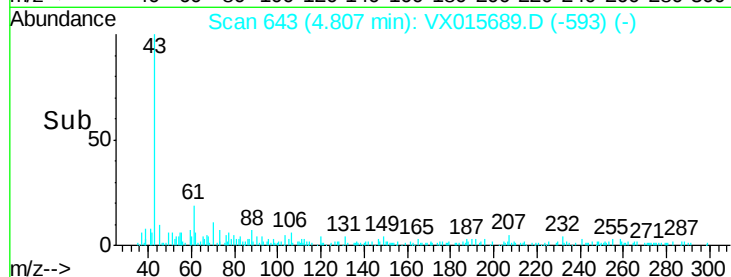
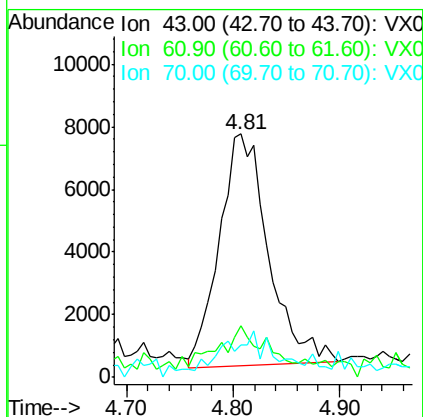
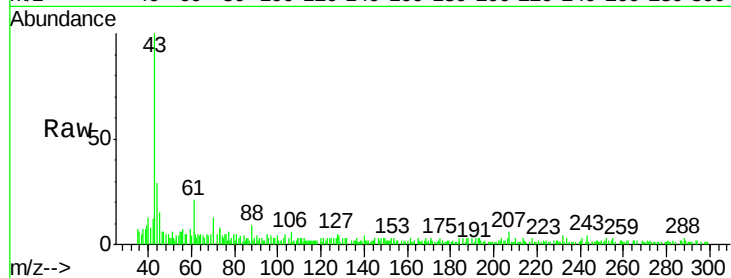




#37
Ethyl Acetate
Concen: 1.259 ug/l
RT: 4.81 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX015689.D
Acq: 15 Apr 2020 17:31

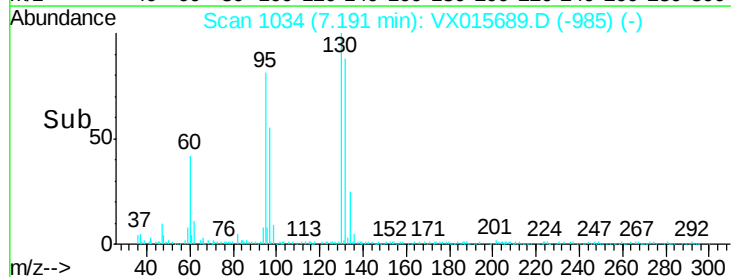
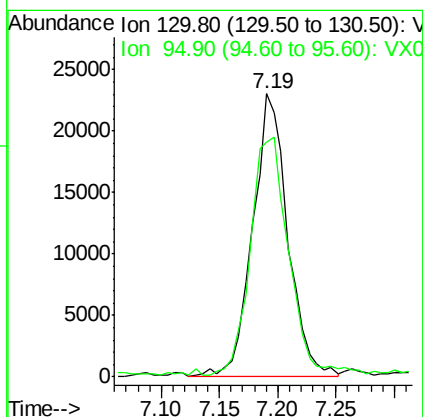
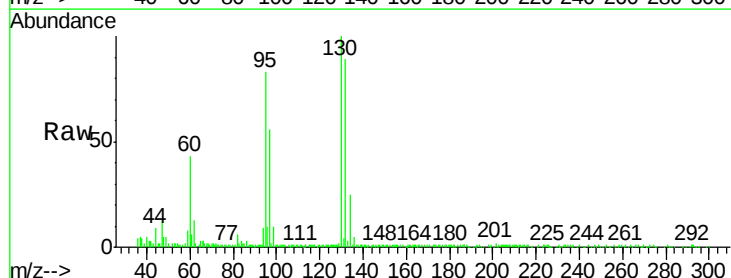
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SS037MW206-200408

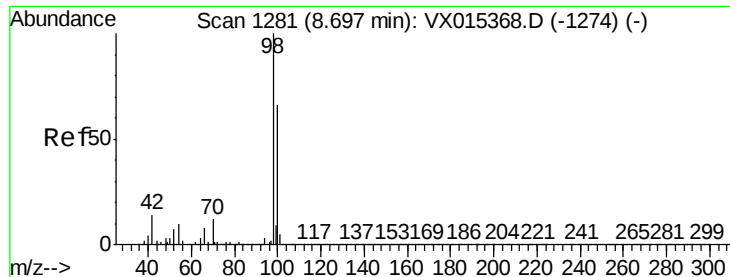
Tot Ion: 43 Resp: 23808
Ion Ratio Lower Upper
43 100
61 13.6 9.9 14.9
70 4.7 8.1 12.1#



#44
Trichloroethene
Concen: 4.099 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX015689.D
Acq: 15 Apr 2020 17:31

Tgt Ion: 130 Resp: 47574
Ion Ratio Lower Upper
130 100
95 82.7 0.0 199.0





#50

Toluene-d8

Concen: 50.518 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015689.D

Acq: 15 Apr 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

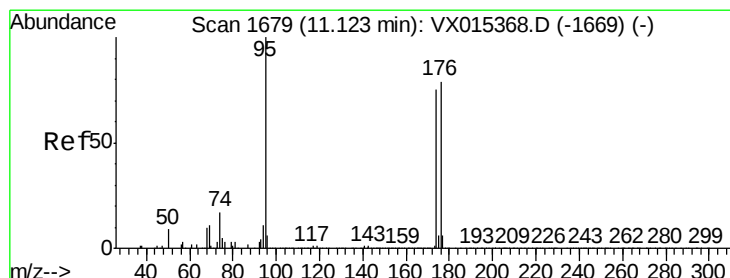
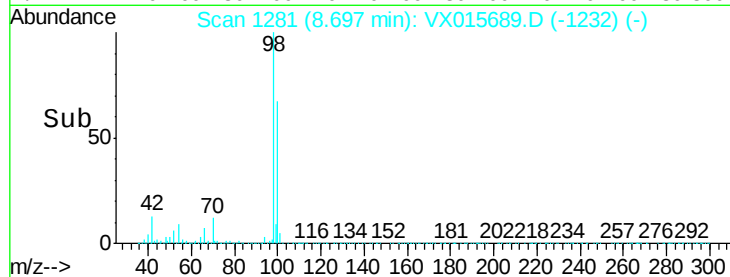
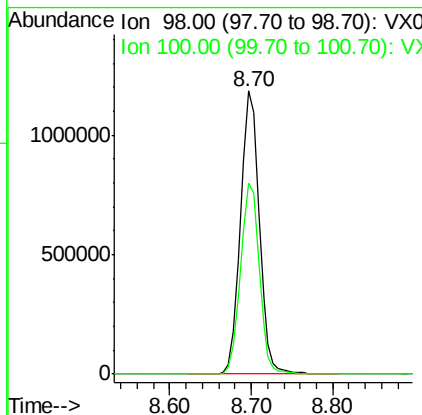
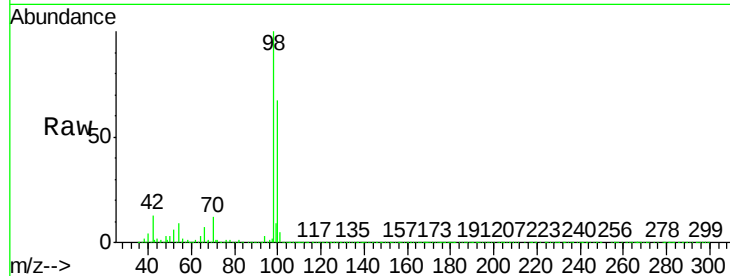
SS037MW206-200408

Tot Ion: 98 Resp: 1874415

Ion Ratio Lower Upper

98 100

100 67.7 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 51.708 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015689.D

Acq: 15 Apr 2020 17:31

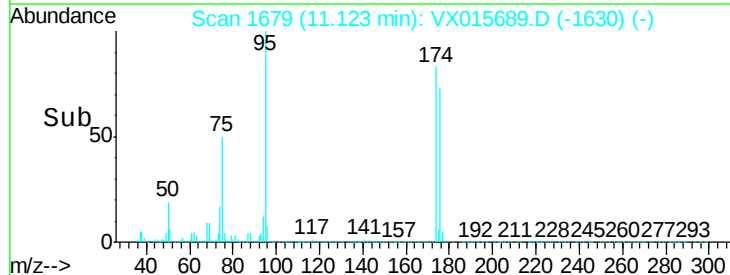
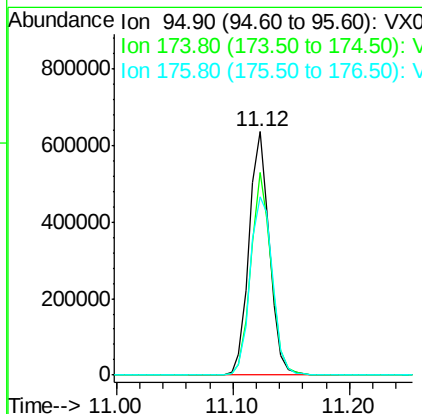
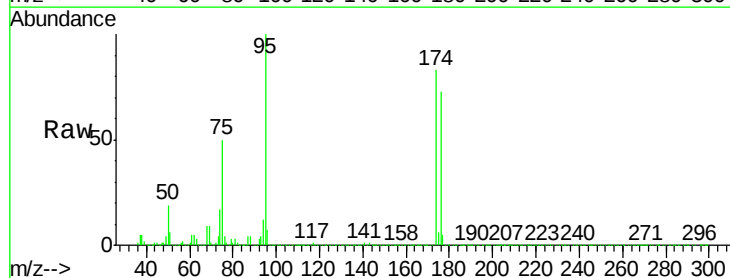
Tgt Ion: 95 Resp: 779707

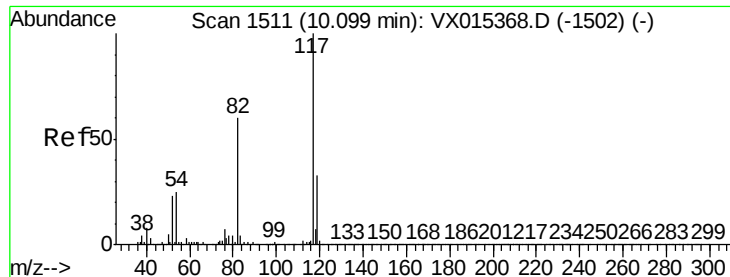
Ion Ratio Lower Upper

95 100

174 82.8 0.0 158.6

176 80.8 0.0 159.0

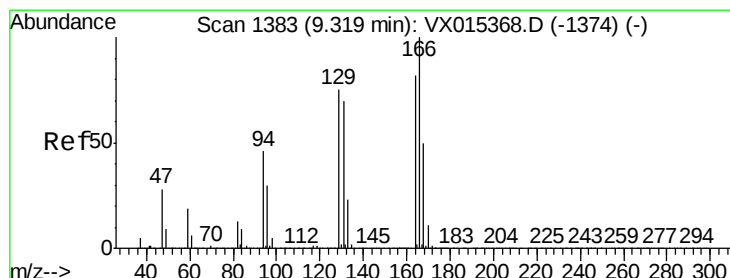
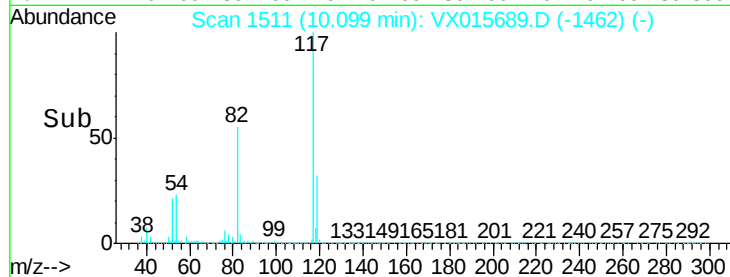
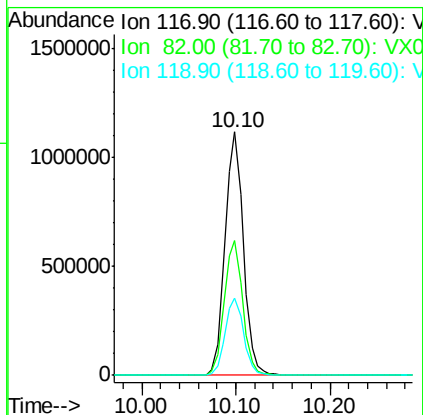
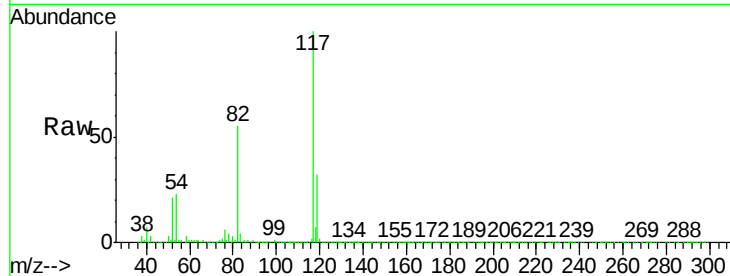




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015689.D
Acq: 15 Apr 2020 17:31

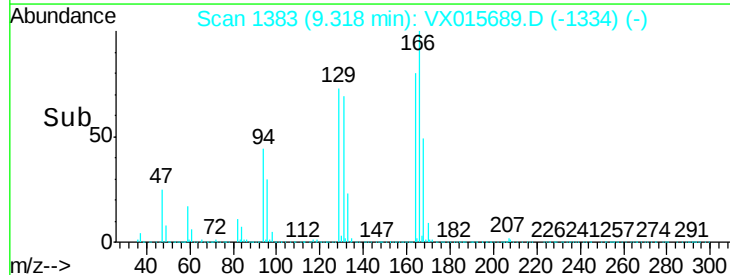
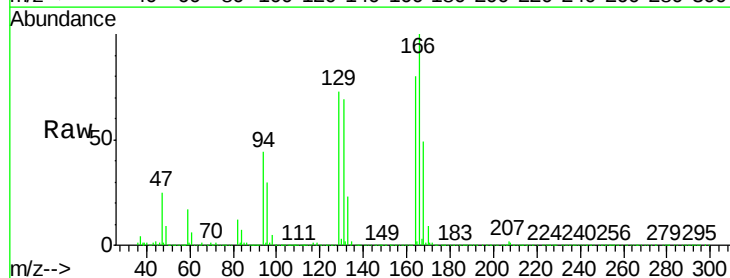
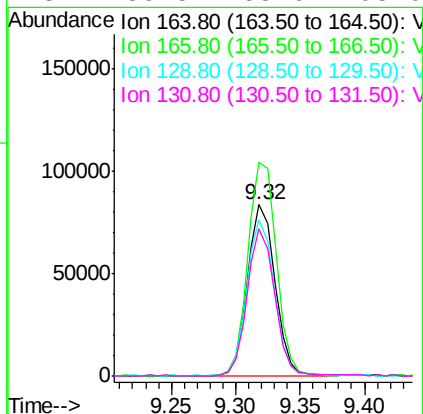
Instrument :
MSVOA_X
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SS037MW206-200408

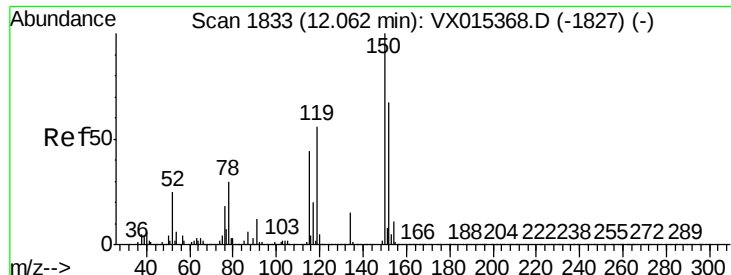
Tot Ion:117 Resp: 1509173
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.8
119 31.5 26.8 40.2



#64
Tetrachloroethene
Concen: 10.801 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015689.D
Acq: 15 Apr 2020 17:31

Tgt Ion:164 Resp: 123016
Ion Ratio Lower Upper
164 100
166 124.5 97.8 146.6
129 90.9 73.0 109.4
131 85.5 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015689.D

Acq: 15 Apr 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

SS037MW206-200408

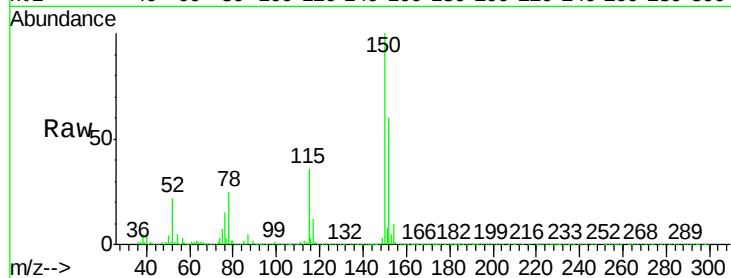
Tot Ion:152 Resp: 797121

Ion Ratio Lower Upper

152 100

115 57.8 39.0 116.9

150 160.7 0.0 340.8



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

