

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015576.D
 Acq On : 08 Apr 2020 17:55
 Operator : JC/SP
 Sample : L2190-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW109-200407

Quant Time: Apr 09 08:04:10 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

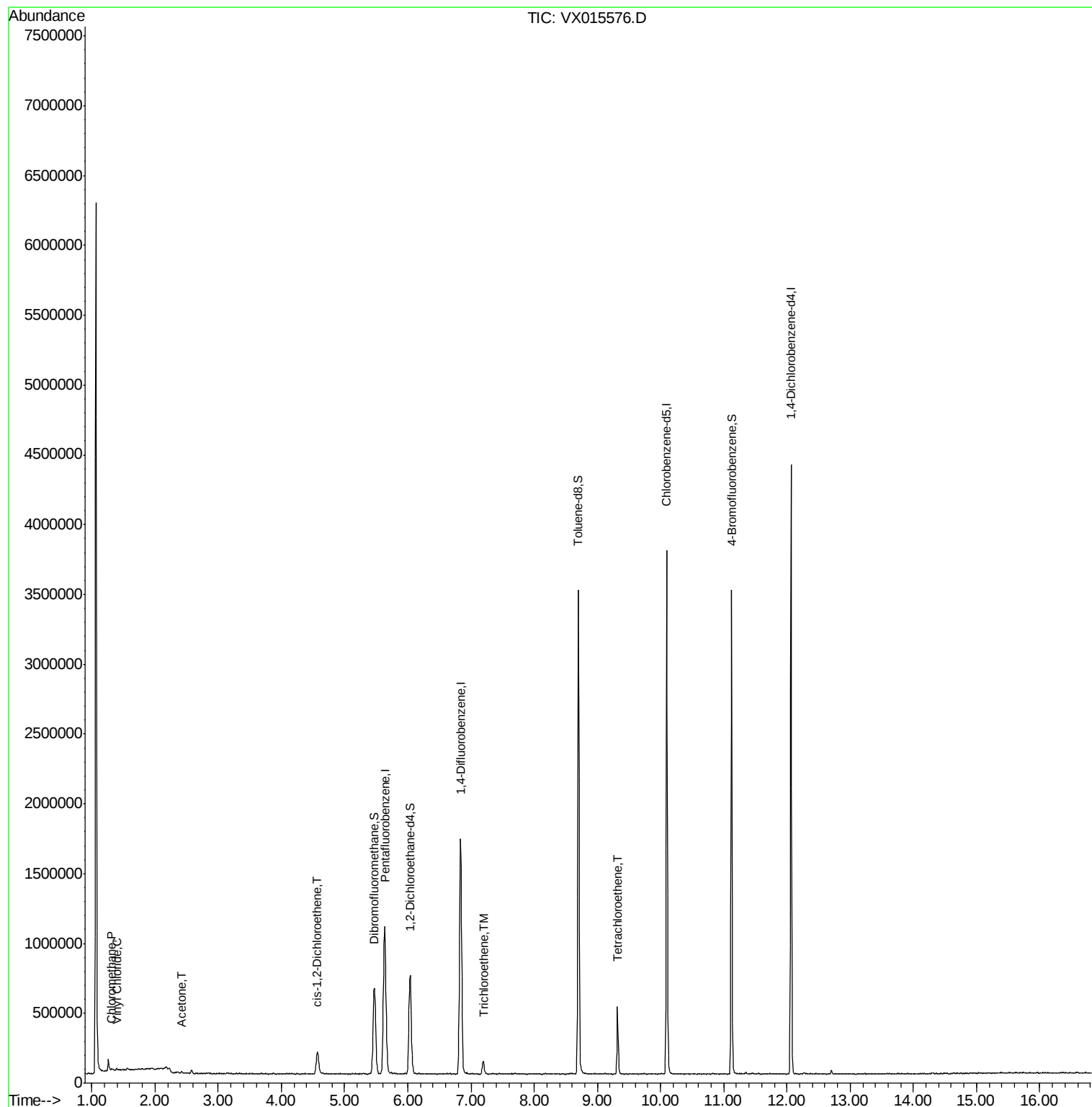
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1071744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1672517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1610304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	890046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	697698	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
35) Dibromofluoromethane	5.47	113	522079	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.70	98	2009569	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.12	95	882915	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
Target Compounds						
3) Chloromethane	1.31	50	5939	0.494	ug/l	96
4) Vinyl Chloride	1.39	62	7480	0.677	ug/l	94
16) Acetone	2.42	43	11365	1.750	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	98830	7.607	ug/l	92
44) Trichloroethene	7.19	130	39726	3.227	ug/l	98
64) Tetrachloroethene	9.32	164	95189	7.833	ug/l	96

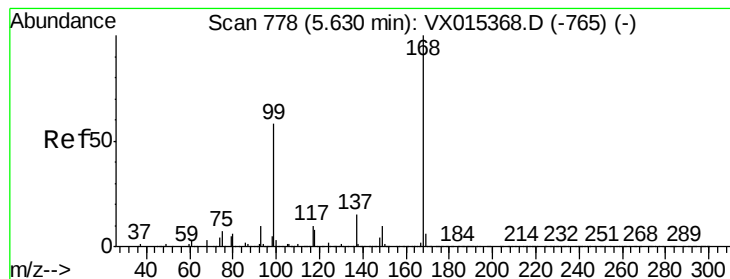
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015576.D

Acq: 08 Apr 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

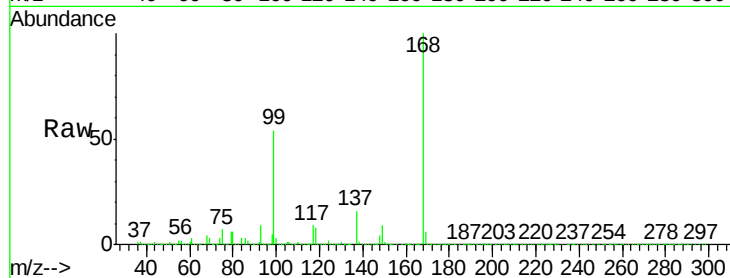
SS037MW109-200407

Tot Ion:168 Resp: 1071744

Ion Ratio Lower Upper

168 100

99 53.6 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

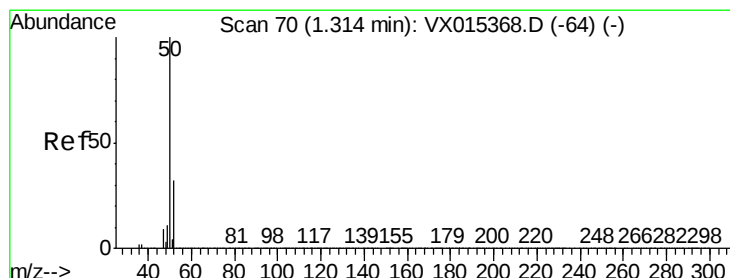
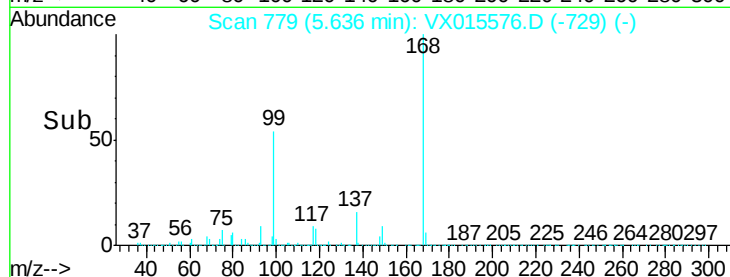
300000

200000

100000

0

Time--> 5.40 5.60 5.80



#3

Chloromethane

Concen: 0.494 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015576.D

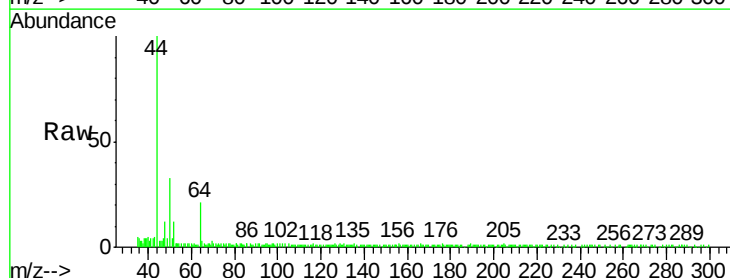
Acq: 08 Apr 2020 17:55

Tgt Ion: 50 Resp: 5939

Ion Ratio Lower Upper

50 100

52 33.8 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

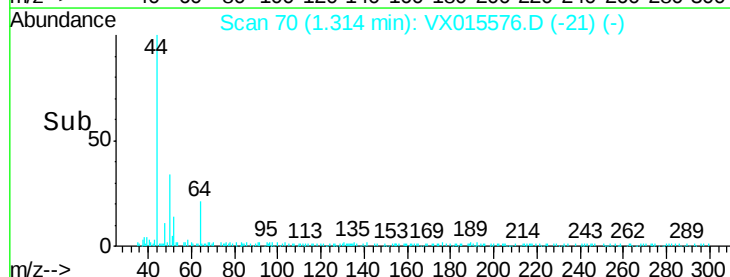
6000

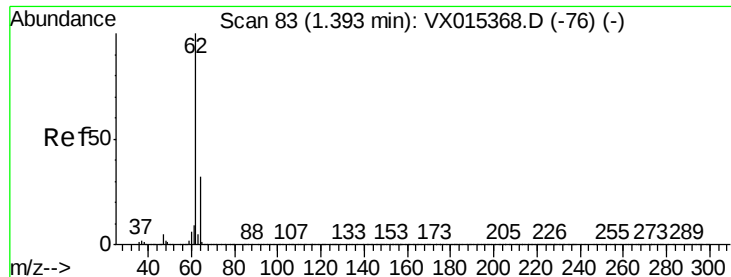
4000

2000

0

Time--> 1.28 1.30 1.32 1.34 1.36





#4

Vinyl Chloride

Concen: 0.677 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015576.D

Acq: 08 Apr 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

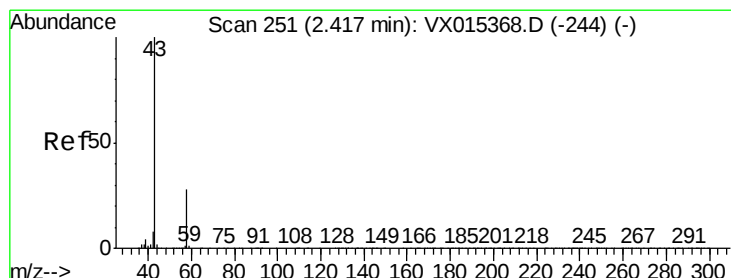
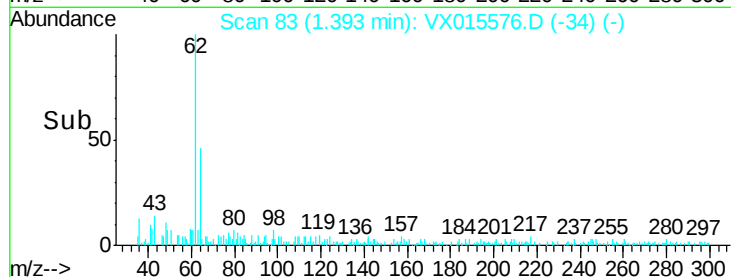
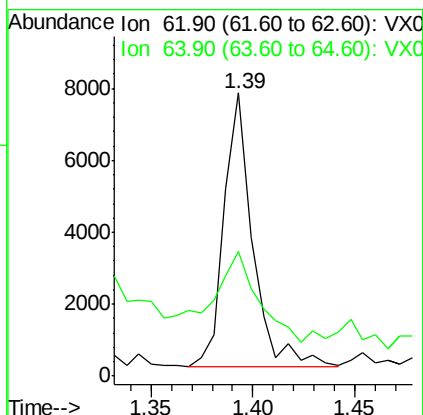
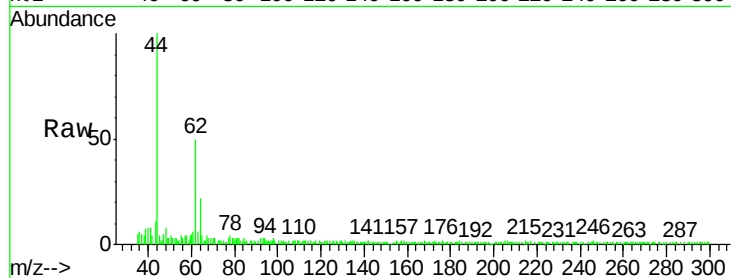
SS037MW109-200407

Tot Ion: 62 Resp: 7480

Ion Ratio Lower Upper

62 100

64 29.3 26.0 39.0



#16

Acetone

Concen: 1.750 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015576.D

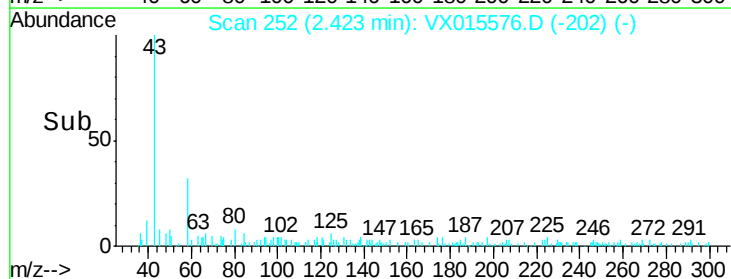
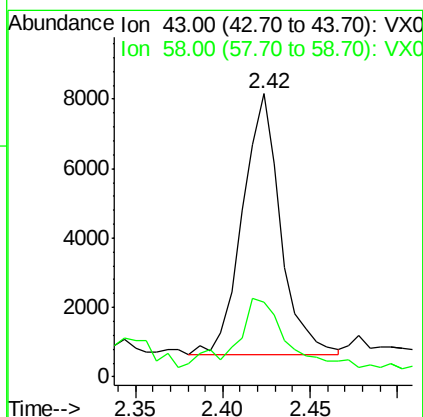
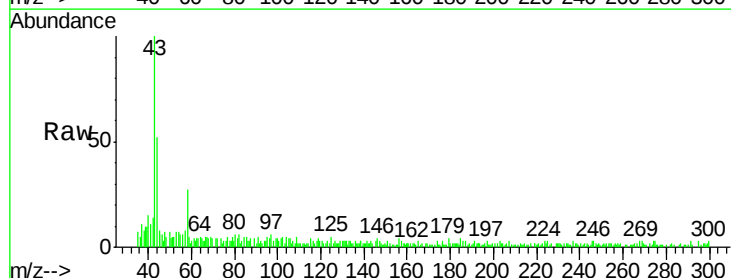
Acq: 08 Apr 2020 17:55

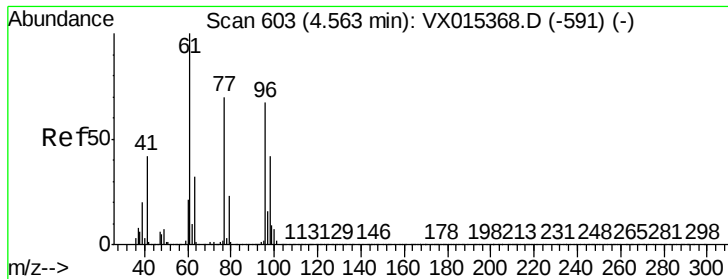
Tgt Ion: 43 Resp: 11365

Ion Ratio Lower Upper

43 100

58 23.9 22.1 33.1



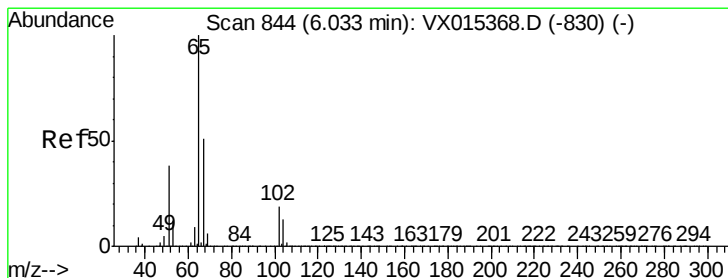
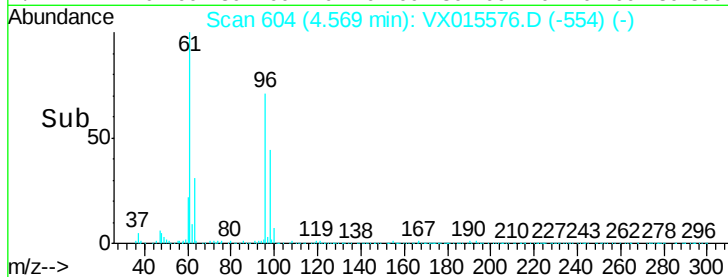
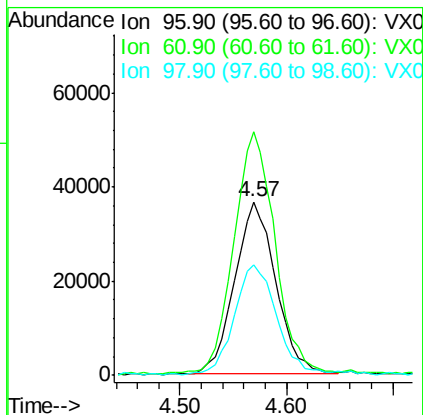
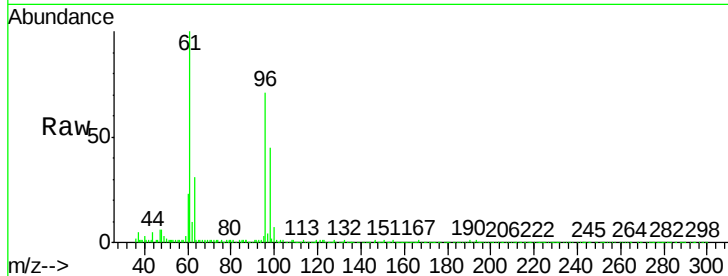


#27

cis-1,2-Dichloroethene
Concen: 7.607 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015576.D
Acq: 08 Apr 2020 17:55

Instrument :
MSVOA_X
ClientSampleId :
SS037MW109-200407

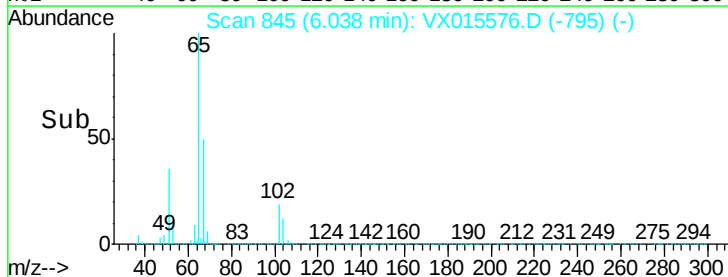
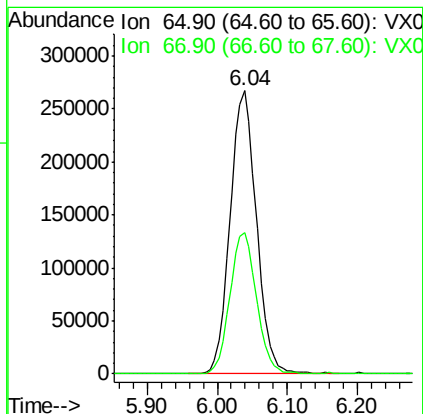
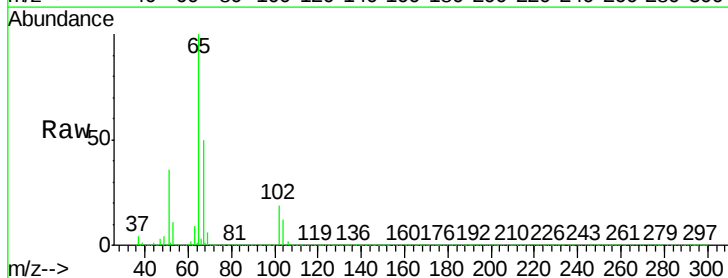
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	308.4
98	65.5	0.0	129.2

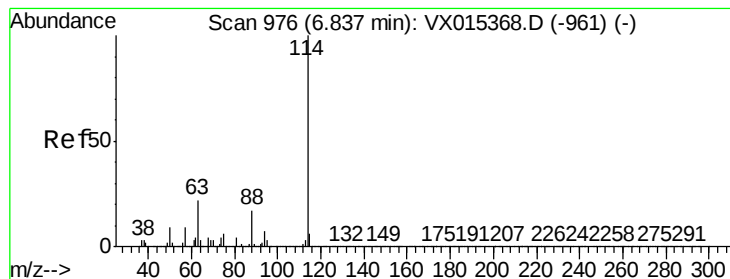


#33

1,2-Dichloroethane-d4
Concen: 46.157 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015576.D
Acq: 08 Apr 2020 17:55

Tgt 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: VX015576.D

Acq: 08 Apr 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

SS037MW109-200407

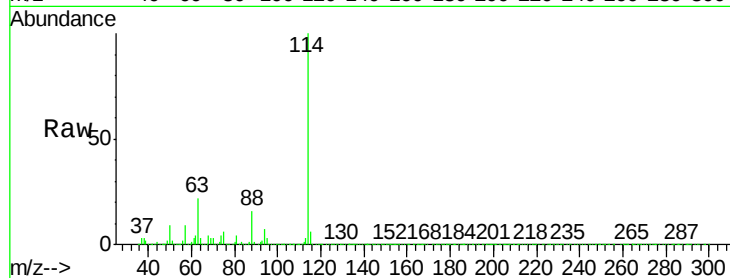
Tot Ion:114 Resp: 1672517

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

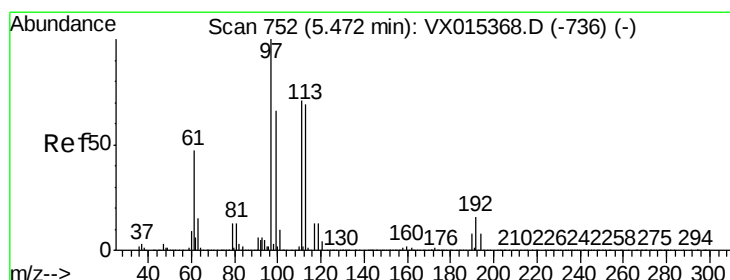
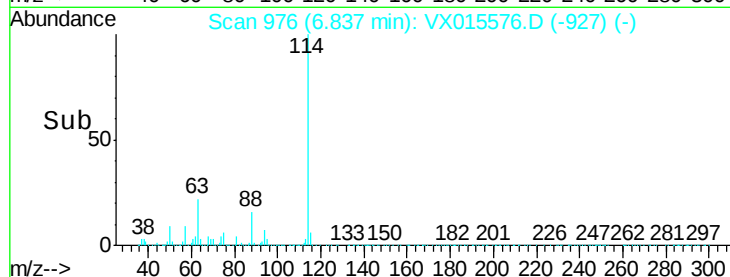
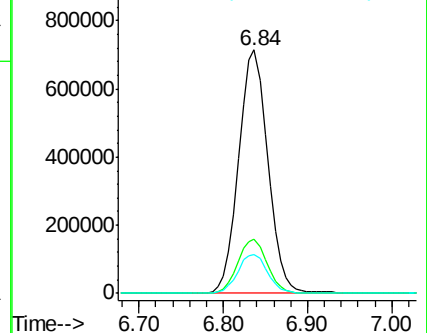
88 15.9 0.0 33.8



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: 48.833 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015576.D

Acq: 08 Apr 2020 17:55

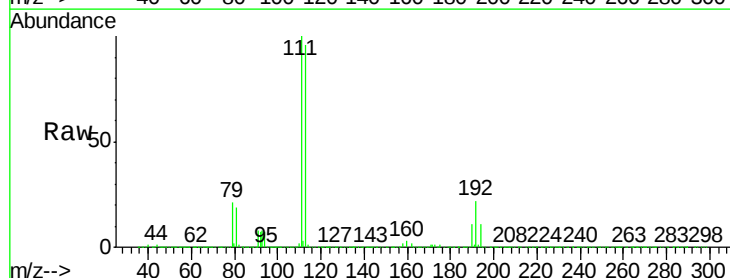
Tgt Ion:113 Resp: 522079

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

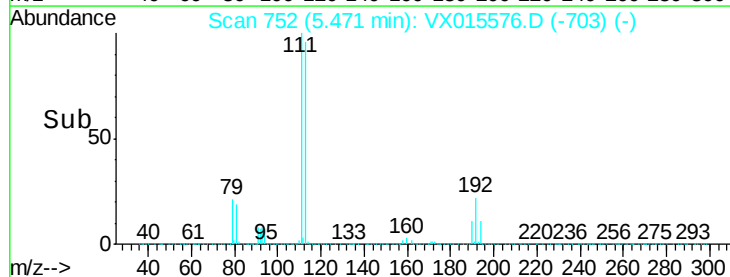
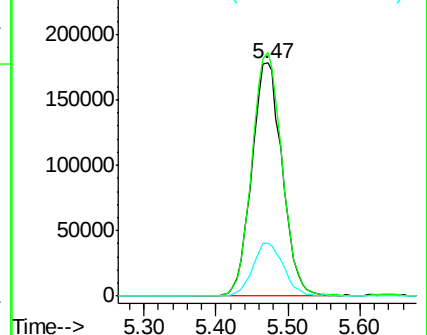
192 22.8 17.8 26.6

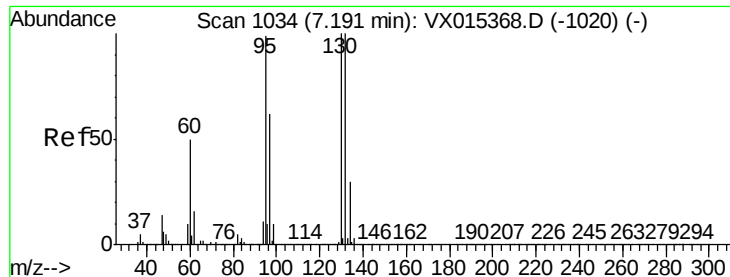


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

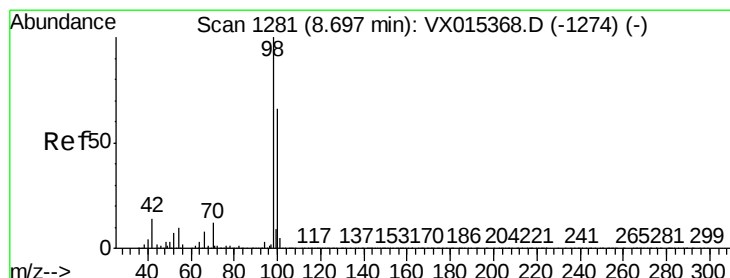
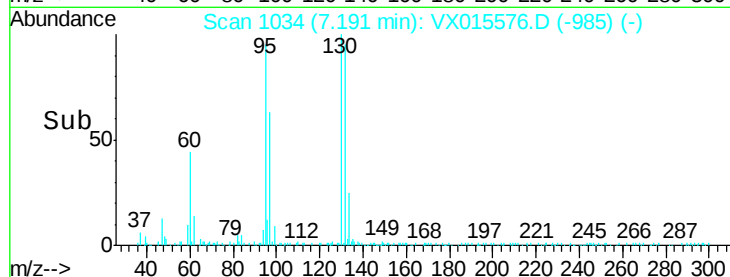
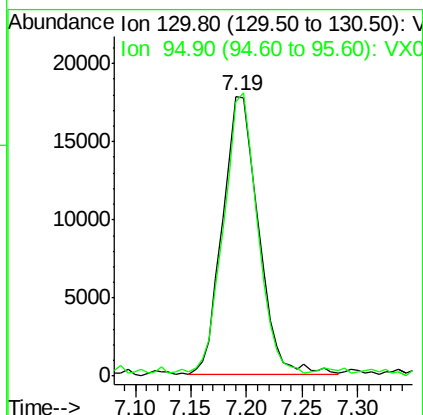
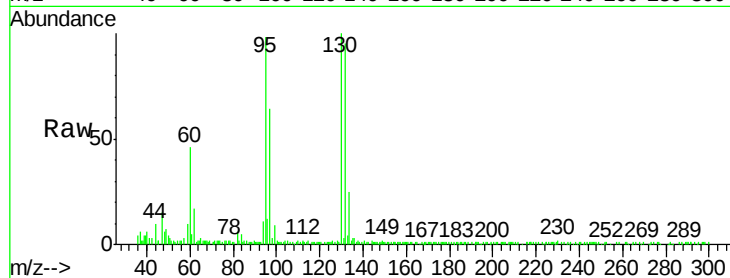




#44
 Trichloroethene
 Concen: 3.227 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015576.D
 Acq: 08 Apr 2020 17:55

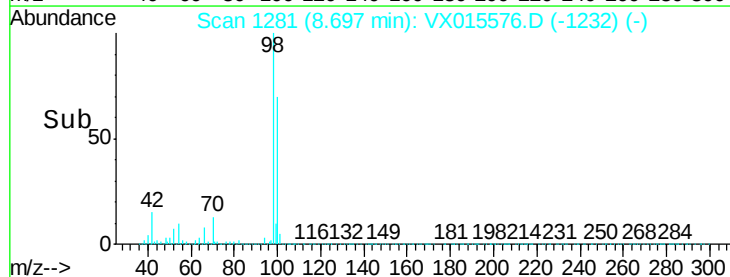
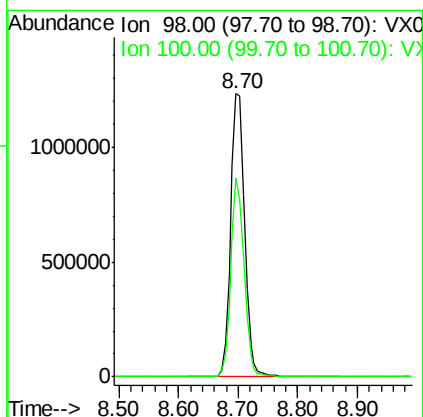
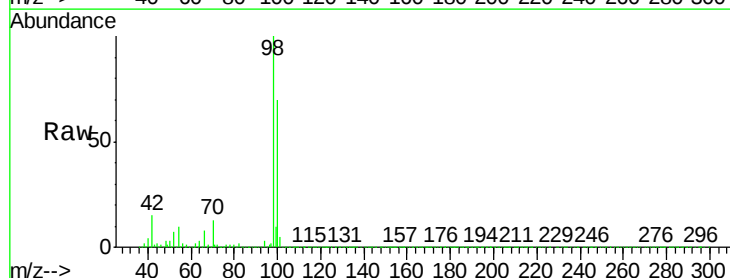
Instrument :
 MSVOA_X
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 SS037MW109-200407

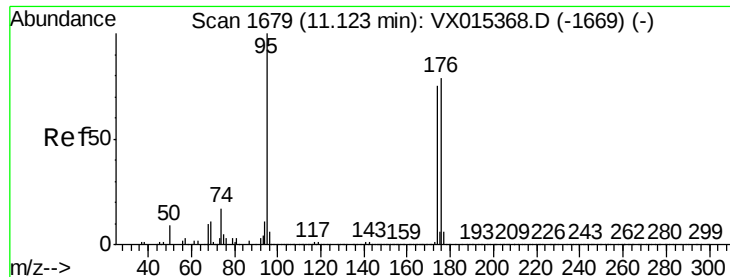
Tot Ion:130 Resp: 39726
 Ion Ratio Lower Upper
 130 100
 95 97.5 0.0 199.0



#50
 Toluene-d8
 Concen: 51.053 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VX015576.D
 Acq: 08 Apr 2020 17:55

Tgt Ion: 98 Resp: 2009569
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.5 80.3

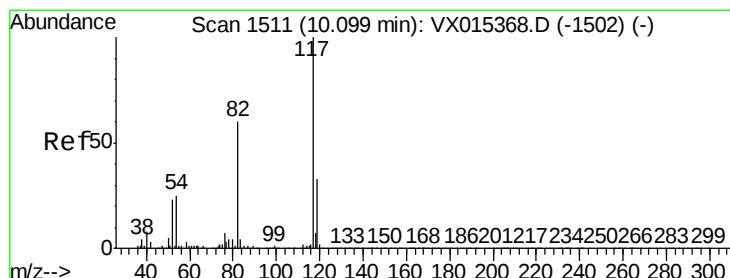
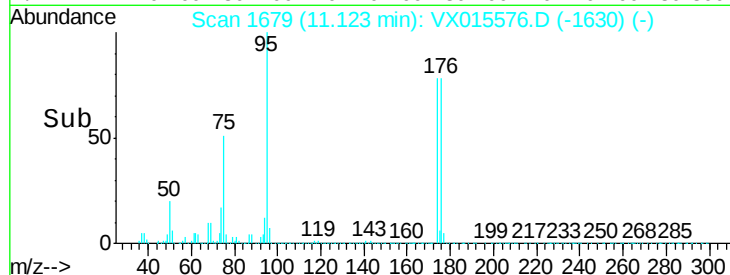
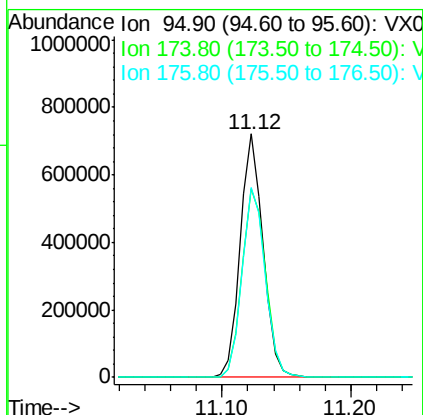
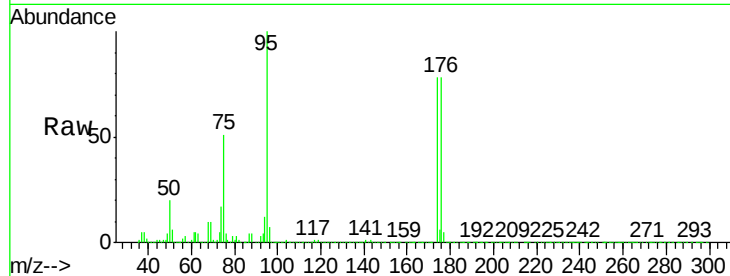




#62
4-Bromofluorobenzene
Concen: 55.193 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015576.D
Acq: 08 Apr 2020 17:55

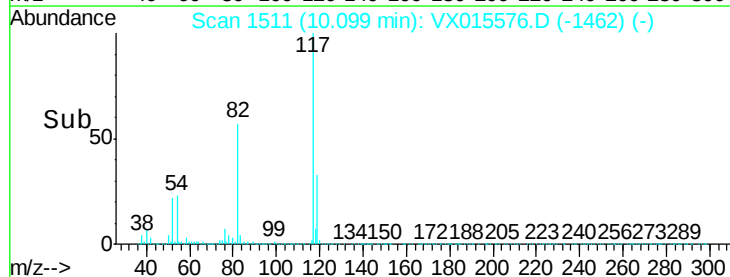
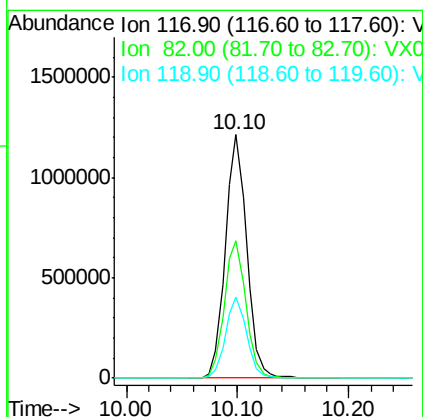
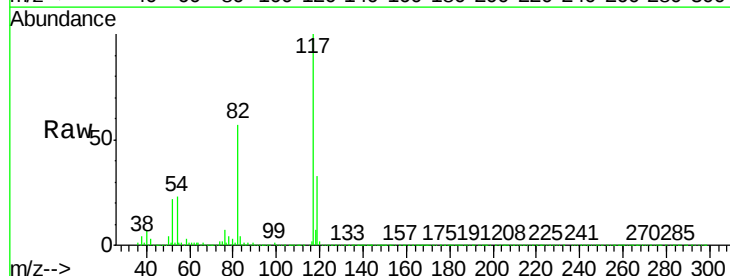
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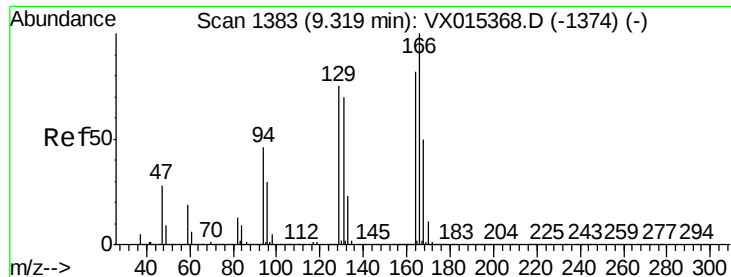
Tot Ion: 95 Resp: 882915
Ion Ratio Lower Upper
95 100
174 80.7 0.0 158.6
176 79.1 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015576.D
Acq: 08 Apr 2020 17:55

Tgt Ion: 117 Resp: 1610304
Ion Ratio Lower Upper
117 100
82 56.5 47.8 71.8
119 33.1 26.8 40.2

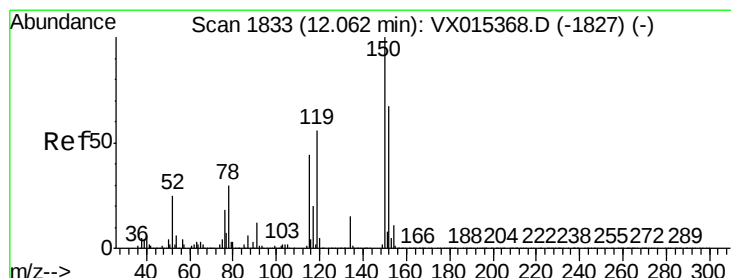
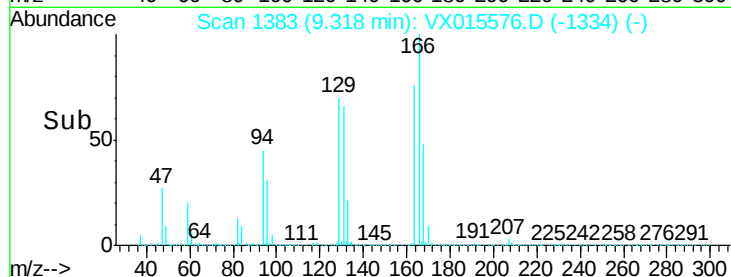
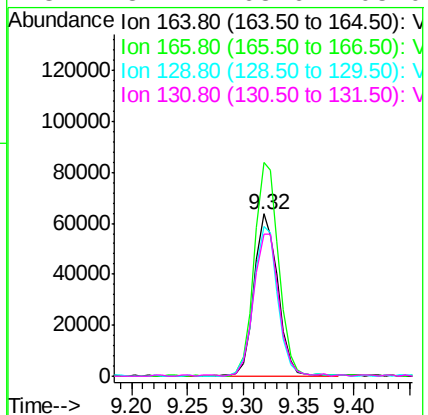
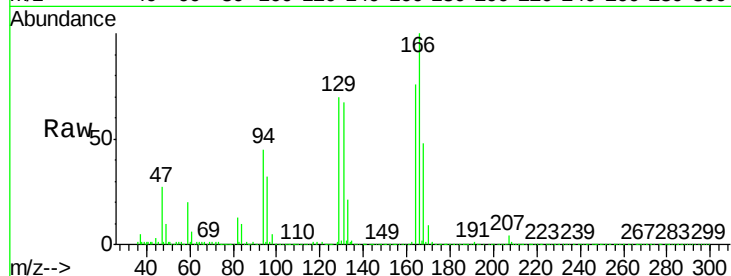




#64
Tetrachloroethene
Concen: 7.833 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015576.D
Acq: 08 Apr 2020 17:55

Instrument :
MSVOA_X
ClientSampleId :
SS037MW109-200407

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.3	97.8	146.6
129	91.7	73.0	109.4
131	87.1	68.6	103.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VX015576.D
Acq: 08 Apr 2020 17:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	39.0	116.9
150	154.9	0.0	340.8

