

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018443.D
 Acq On : 16 Sep 2020 16:27
 Operator : JC/SP
 Sample : L3988-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP05-20200910

Manual Integrations
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 9/17/2020 11:24:17 AM

Quant Time: Sep 21 09:03:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	430278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	693667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	676918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	314193	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	5.47	113	240676	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	8.70	98	844686	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	11.12	95	325274	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	2790	0.664	ug/l #	90
24) 1,1-Dichloroethane	3.67	63	30303	3.570	ug/l	97
64) Tetrachloroethene	9.32	164	1992	0.400	ug/l #	51
87) 1,3-Dichlorobenzene	12.01	146	2593	0.239	ug/l	94
88) 1,4-Dichlorobenzene	12.08	146	6687m	0.615	ug/l	

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

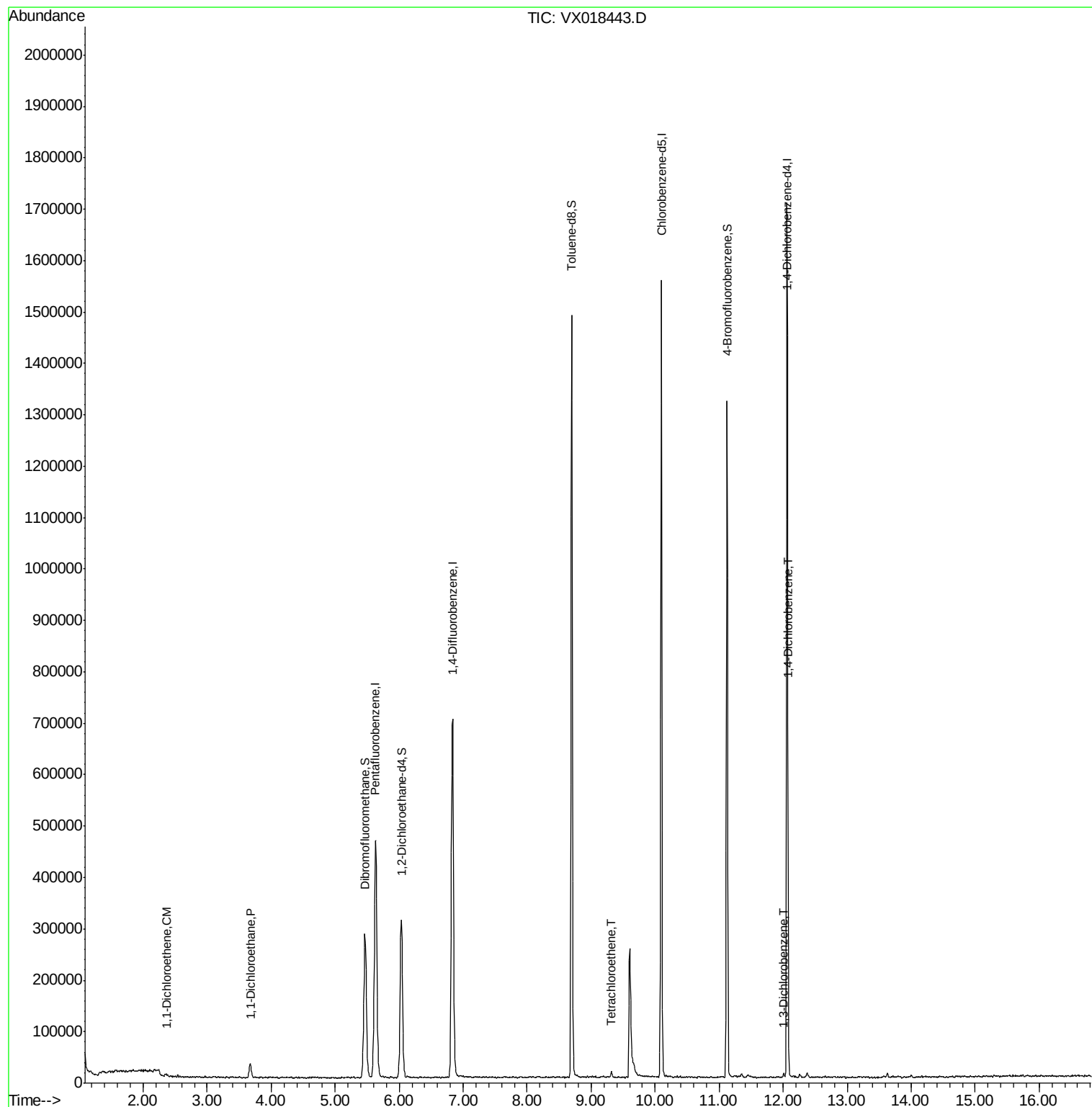
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091620\
Data File : VX018443.D
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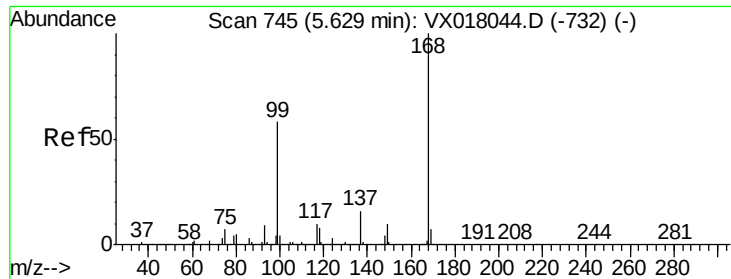
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Sep 21 09:03:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion:168 Resp: 430278

Ion Ratio Lower Upper

168 100

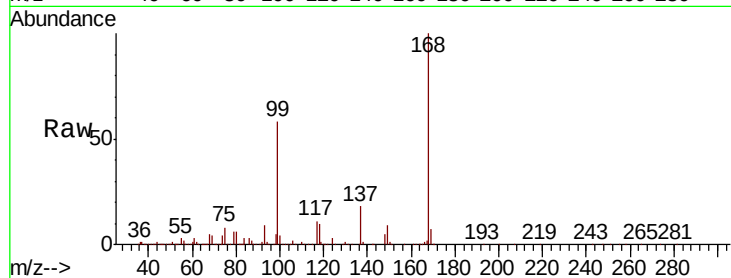
99 57.8 46.3 69.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

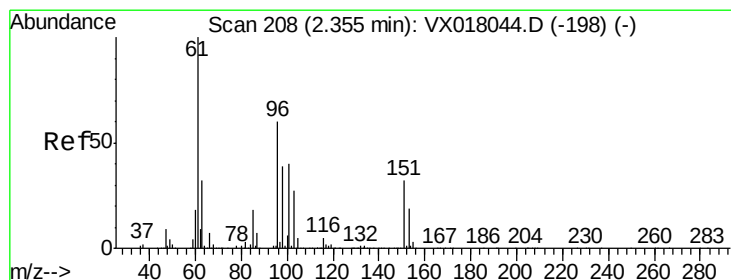
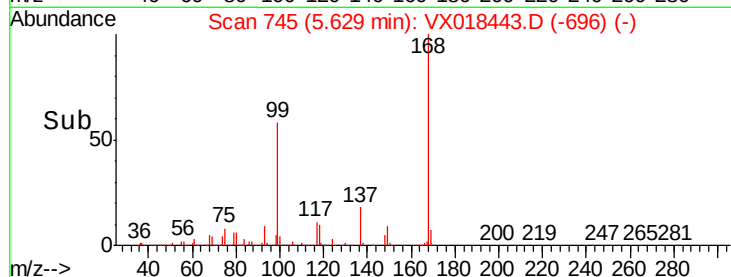
100000

50000

0

5.40 5.50 5.60 5.70 5.80

Time-->



#12

1,1-Dichloroethene

Concen: 0.664 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

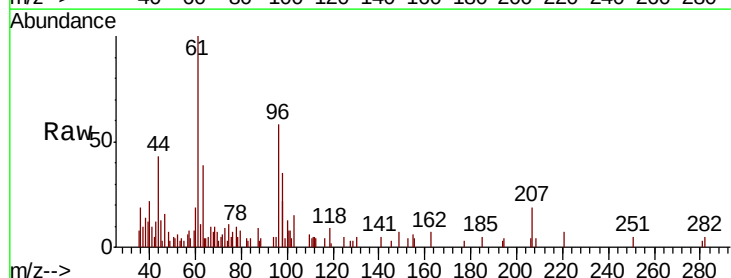
Tgt Ion: 96 Resp: 2790

Ion Ratio Lower Upper

96 100

61 166.6 133.0 199.4

98 91.1 51.6 77.4#



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

2500

2000

1500

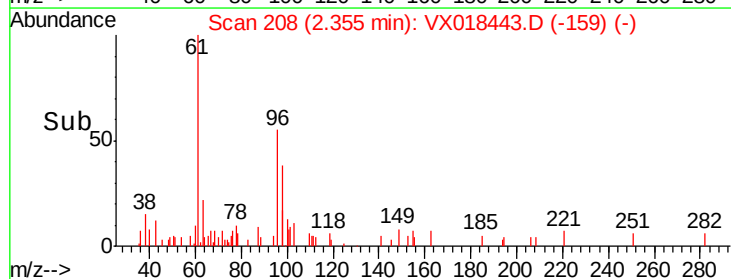
1000

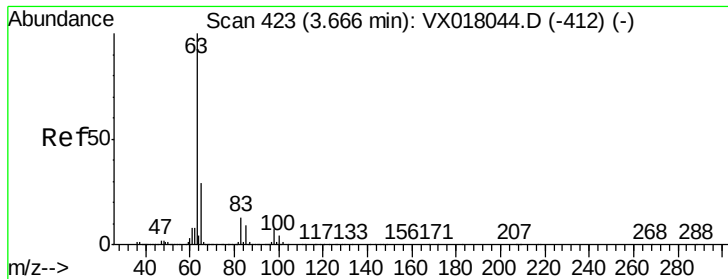
500

0

2.30 2.35 2.40

Time-->





#24

1,1-Dichloroethane

Concen: 3.570 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

Instrument :

MSVOA_X

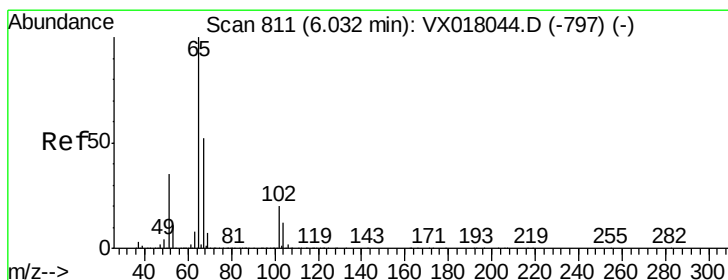
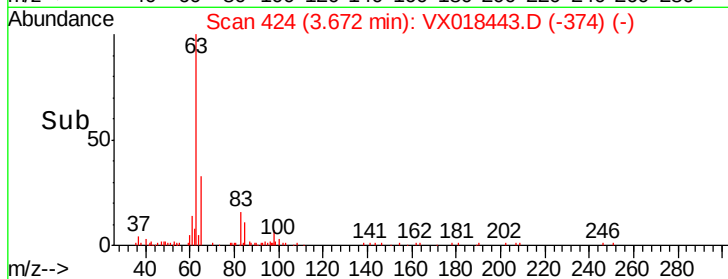
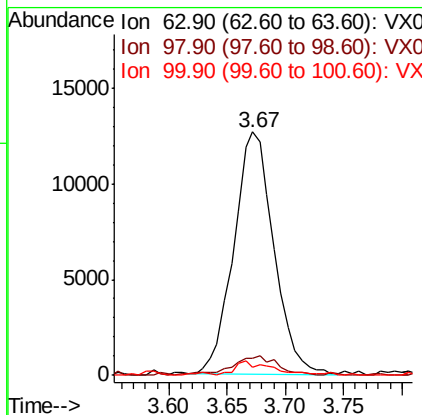
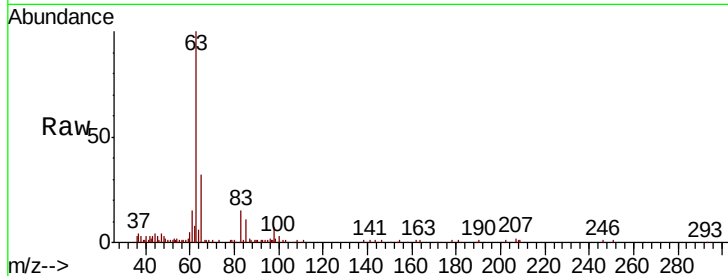
ClientSampleId :

SA-DUP05-20200910

Tot Ion:	63	Resp:	30303
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.6	10.8
100	2.6	2.0	6.0

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#33

1,2-Dichloroethane-d4

Concen: 52.599 ug/l

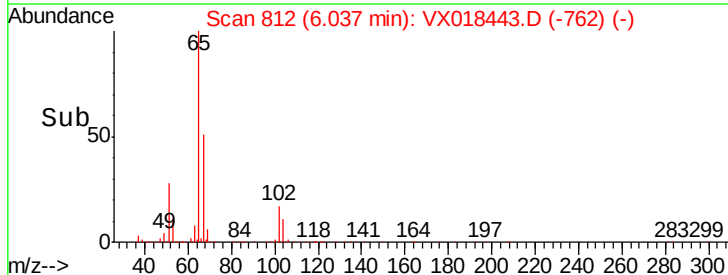
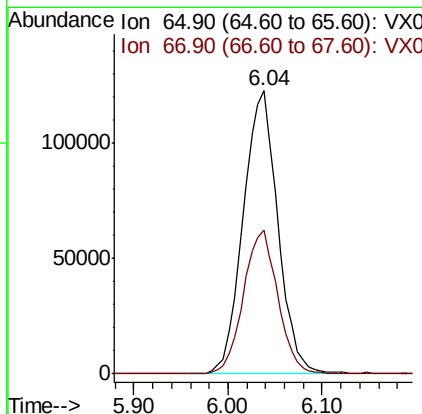
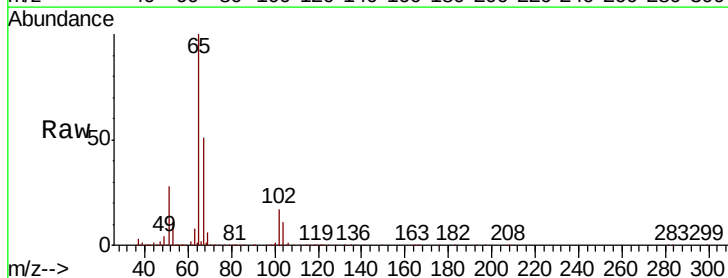
RT: 6.04 min Scan# 812

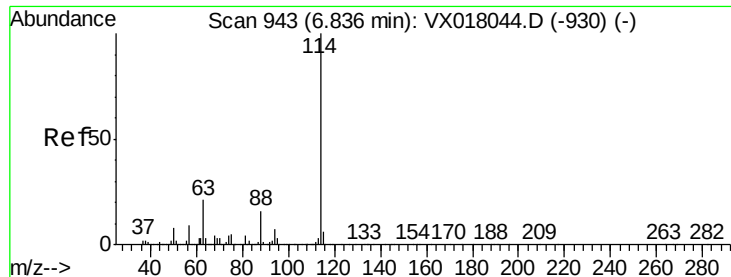
Delta R.T. 0.01 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

Tgt Ion:	65	Resp:	314193
Ion Ratio	Lower	Upper	
65	100		
67	50.6	0.0	105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

Instrument :

MSVOA_X

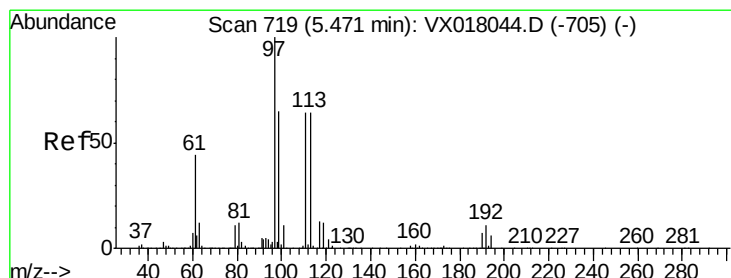
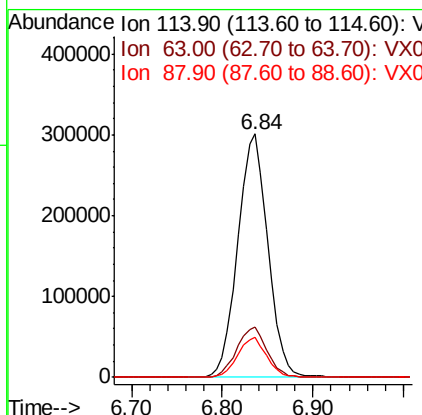
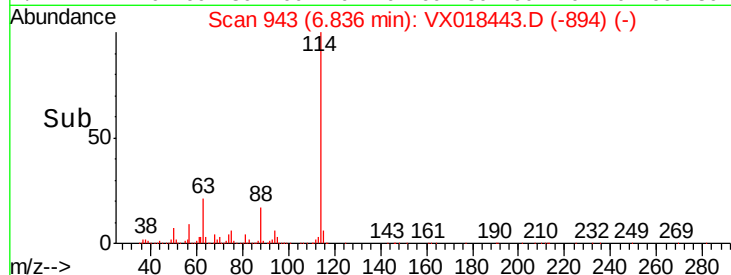
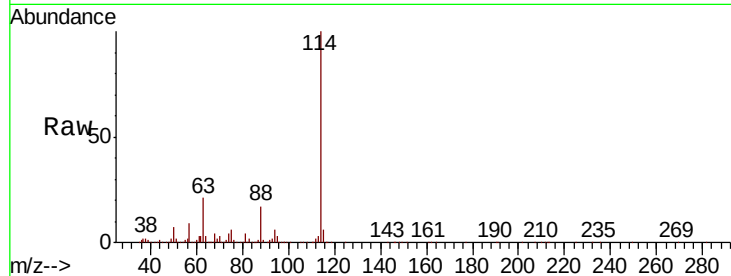
ClientSampleId :

SA-DUP05-20200910

Tot Ion:	114	Resp:	693667
Ion Ratio		Lower	Upper
114	100		
63	20.9	0.0	42.6
88	16.5	0.0	31.8

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#35

Dibromofluoromethane

Concen: 50.945 ug/l

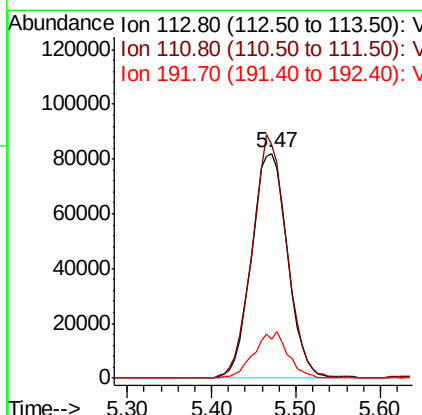
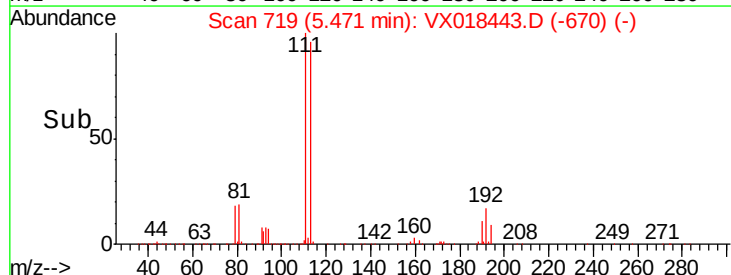
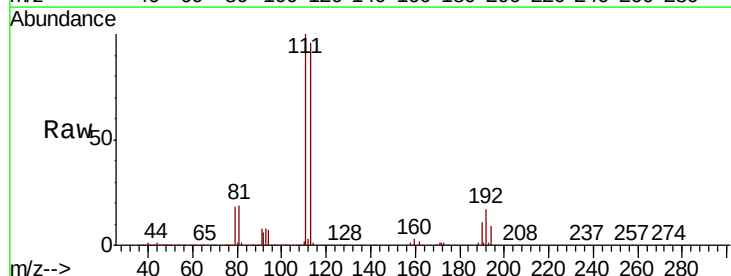
RT: 5.47 min Scan# 719

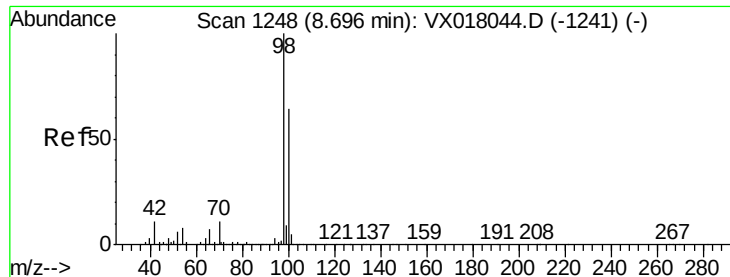
Delta R.T. -0.00 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

Tgt Ion:	113	Resp:	240676
Ion Ratio		Lower	Upper
113	100		
111	103.0	81.6	122.4
192	19.3	15.8	23.8





#50

Toluene-d8

Concen: 48.006 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP05-20200910

Tot Ion: 98 Resp: 844686

Ion Ratio Lower Upper

98 100

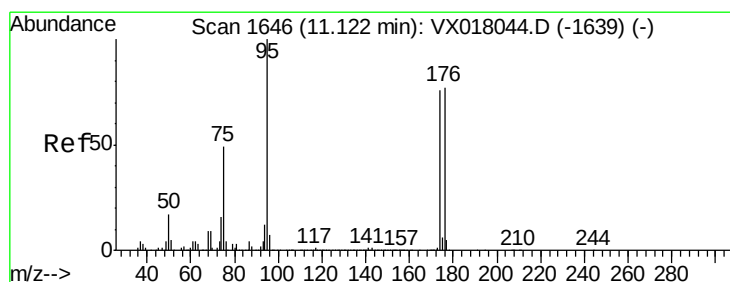
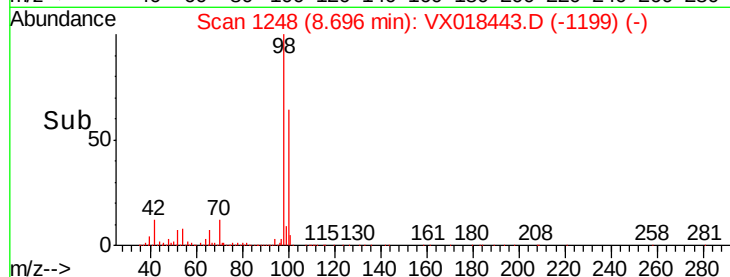
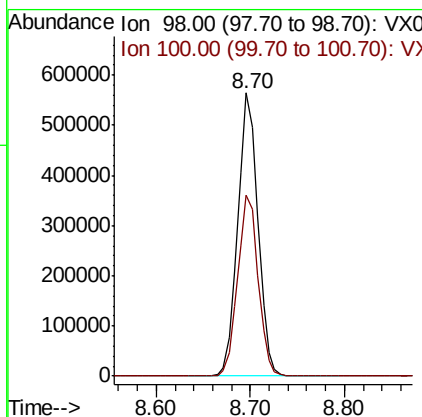
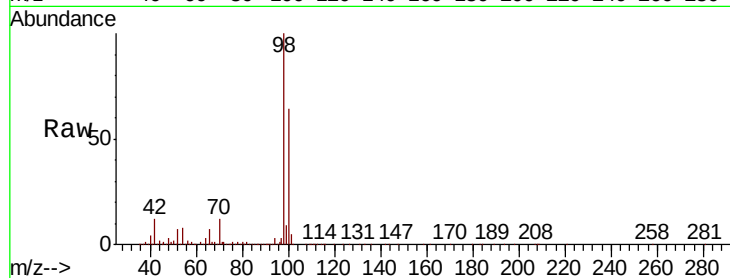
100 64.8 52.2 78.4

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#62

4-Bromofluorobenzene

Concen: 46.986 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

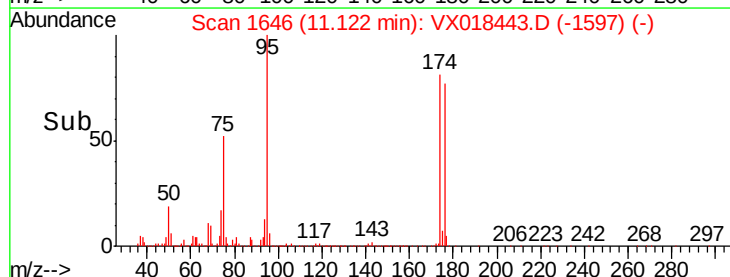
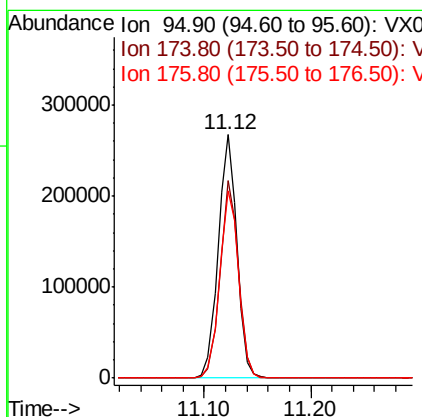
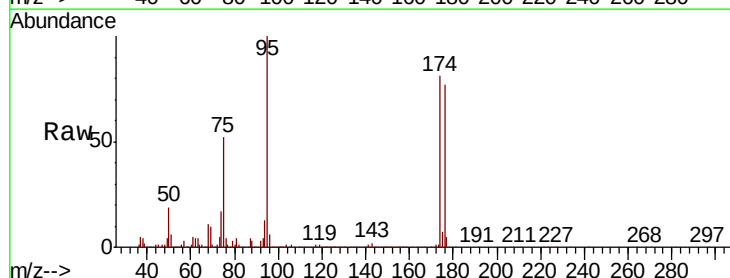
Tgt Ion: 95 Resp: 325274

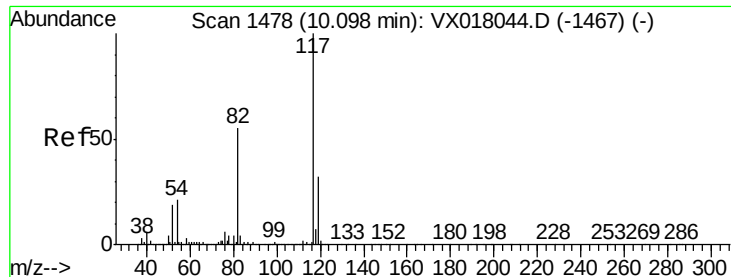
Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.2

176 78.4 0.0 155.8





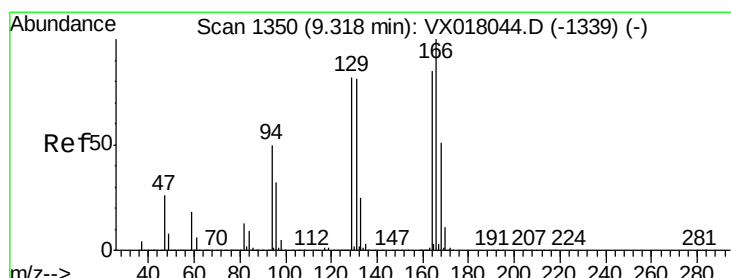
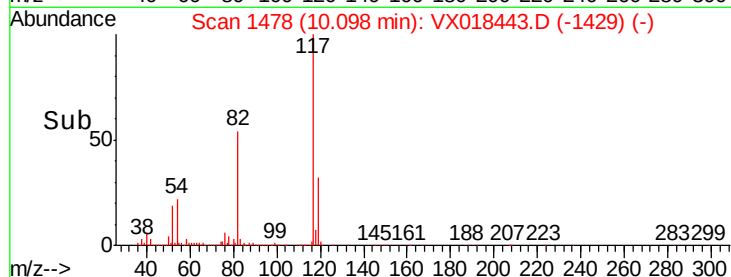
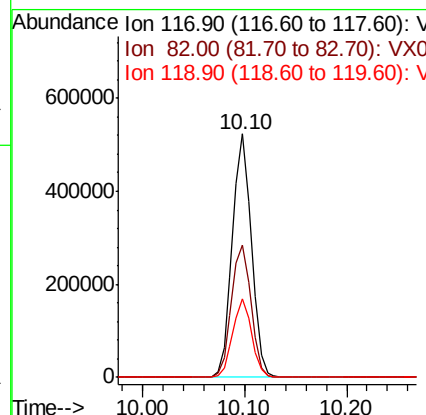
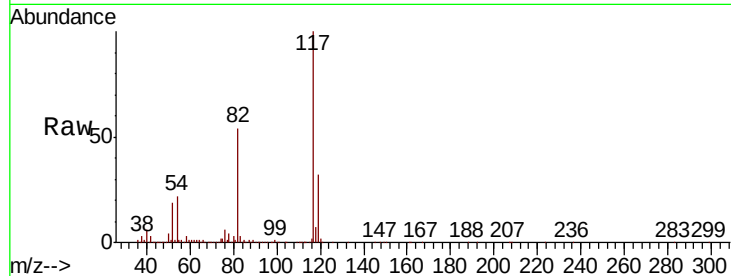
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018443.D
Acq: 16 Sep 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP05-20200910

Tot Ion	Ratio	Resp	Lower	Upper
117	100	676918		
82	54.1	44.2	66.2	
119	32.1	25.7	38.5	

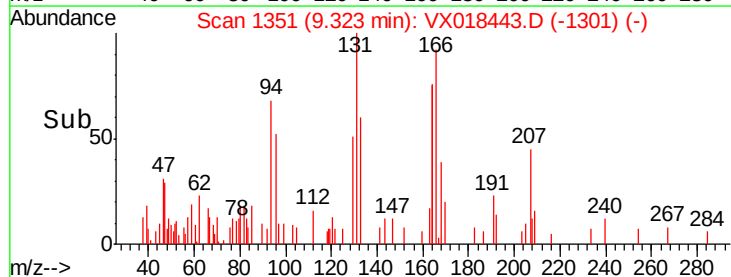
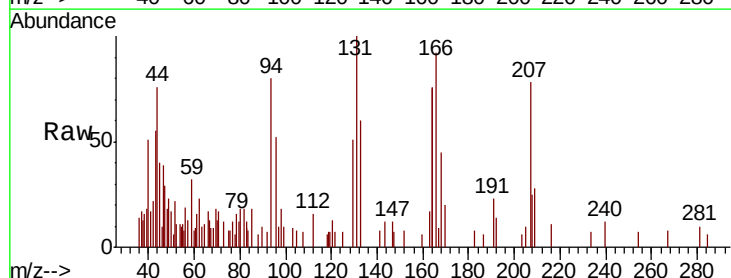
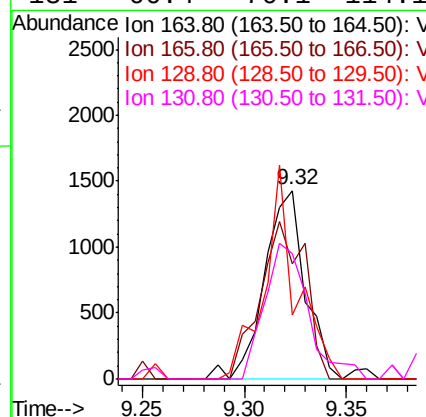
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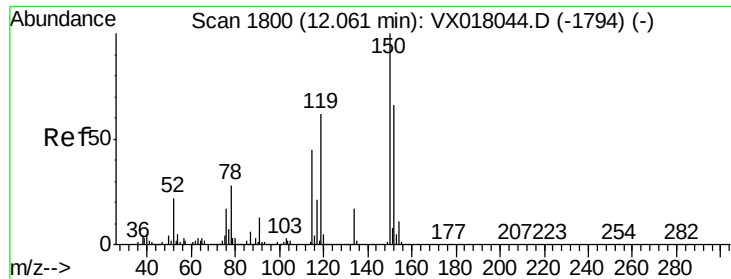
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#64
Tetrachloroethene
Concen: 0.400 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018443.D
Acq: 16 Sep 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1992		
166	61.0	94.2	141.2#	
129	33.7	76.9	115.3#	
131	66.4	76.1	114.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

Instrument :

MSVOA_X

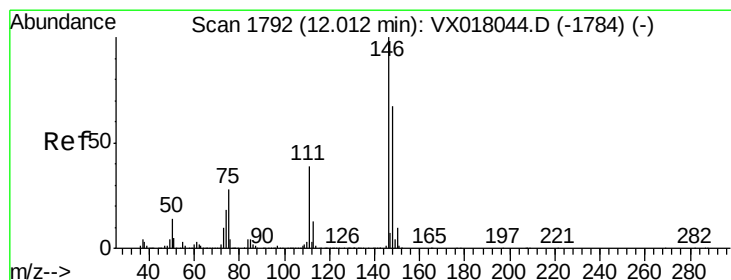
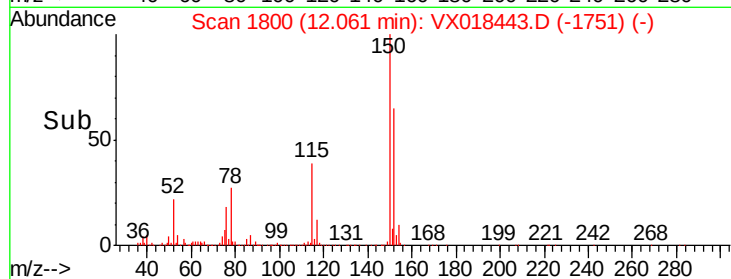
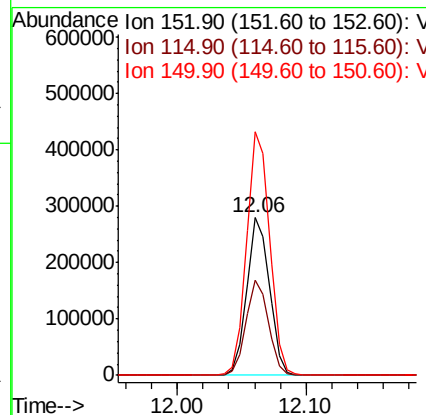
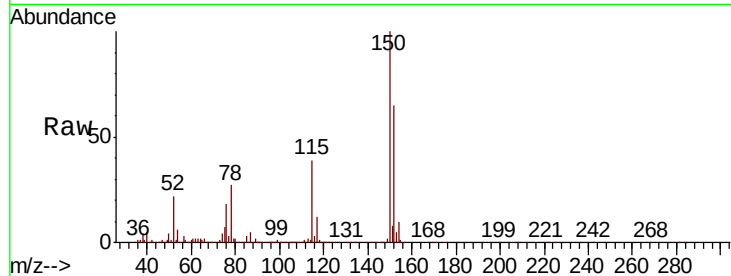
ClientSampleId :

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Tot Ion:	152	Resp:	339416
Ion Ratio	Lower	Upper	
152	100		
115	59.4	41.5	124.5
150	156.1	0.0	343.8

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#87

1,3-Dichlorobenzene

Concen: 0.239 ug/l

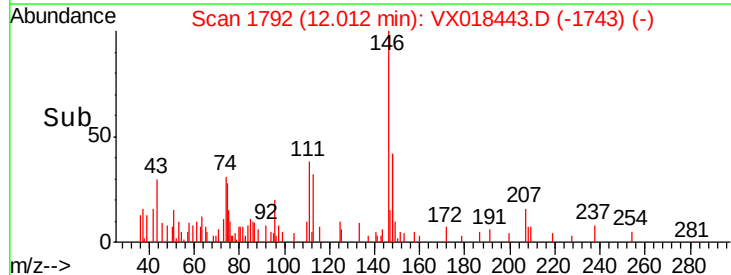
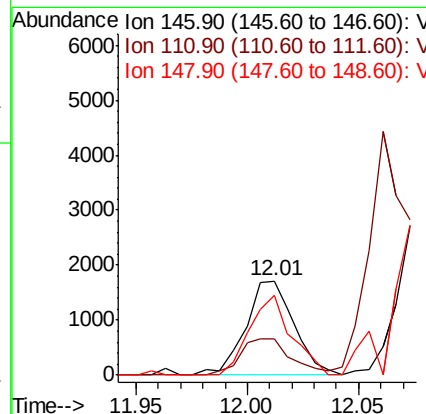
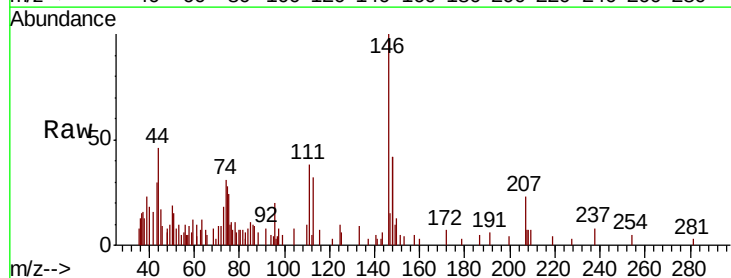
RT: 12.01 min Scan# 1792

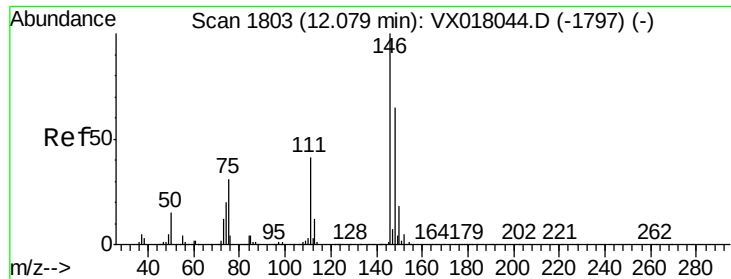
Delta R.T. -0.00 min

Lab File: VX018443.D

Acq: 16 Sep 2020 16:27

Tgt Ion:	146	Resp:	2593
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.6	61.8
148	73.6	33.1	99.2





#88
 1,4-Dichlorobenzene
 Concen: 0.615 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018443.D
 Acq: 16 Sep 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP05-20200910

Tot Ion	Ratio	Lower	Upper
146	100		
111	15.9	20.3	60.8#
148	28.5	33.1	99.2#

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