

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041520\
 Data File : VX015691.D
 Acq On : 15 Apr 2020 18:16
 Operator : JC/SP
 Sample : L2233-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW307-200409

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:03:06 AM

Quant Time: Apr 16 15:36:12 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	1063998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1685871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1596574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	896460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	666392	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
35) Dibromofluoromethane	5.47	113	502870	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	8.70	98	2022492	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.12	95	839278	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	11716	1.069	ug/l #	85
11) Tert butyl alcohol	3.00	59	19928	5.548	ug/l #	92
16) Acetone	2.42	43	18767	2.911	ug/l #	87
21) trans-1,2-Dichloroethene	3.14	96	3507	0.315	ug/l	85
24) 1,1-Dichloroethane	3.67	63	16848	0.769	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	643169	49.866	ug/l	88
30) Chloroform	5.19	83	9769	0.464	ug/l	88
44) Trichloroethene	7.19	130	62876	5.067	ug/l	93
64) Tetrachloroethene	9.32	164	10264	0.852	ug/l	98
65) Chlorobenzene	10.12	112	137591	4.321	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	6317	0.225	ug/l	92
88) 1,4-Dichlorobenzene	12.08	146	23887m	0.836	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	148344	5.404	ug/l	98

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

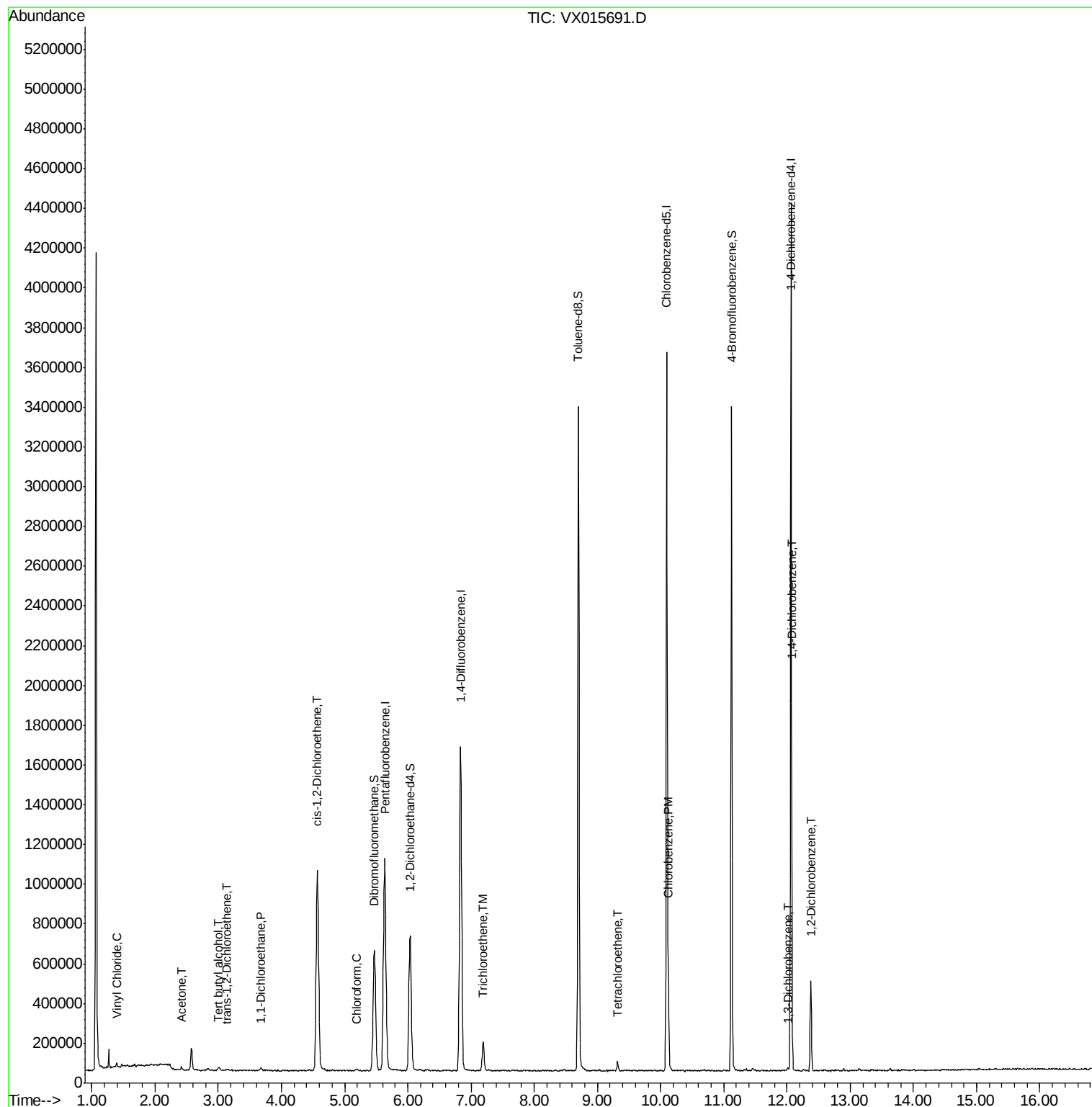
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041520\
Data File : VX015691.D
Acq On : 15 Apr 2020 18:16
Operator : JC/SP
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Quant Time: Apr 16 15:36:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

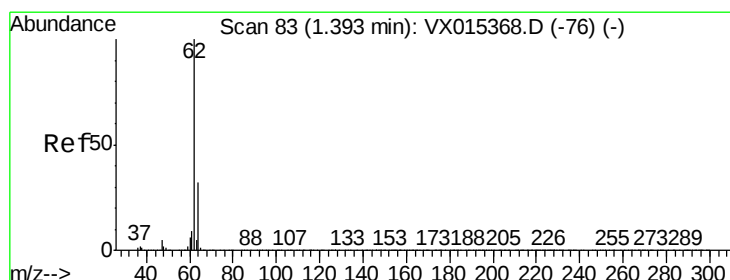
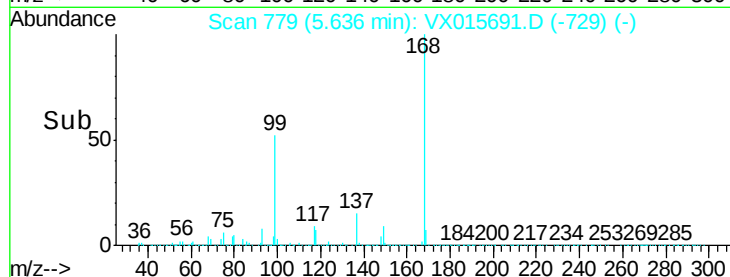
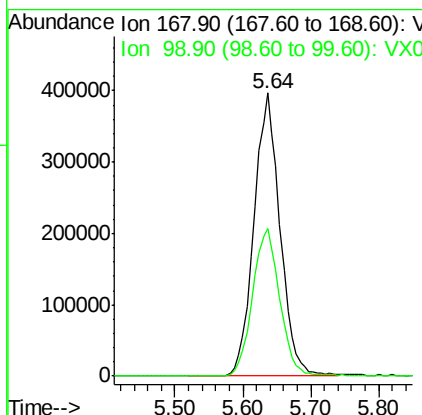
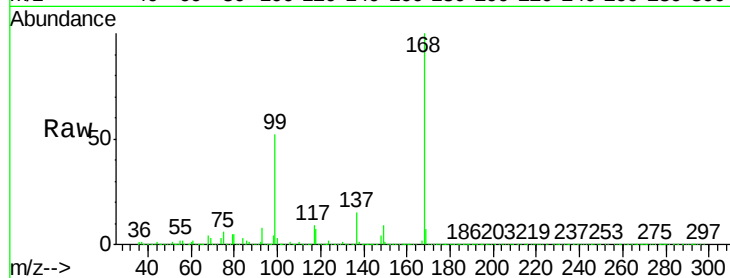
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015691.D
 Acq: 15 Apr 2020 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW307-200409

Tot Ion:168 Resp: 1063998
 Ion Ratio Lower Upper
 168 100
 99 52.0 46.4 69.6

Manual Integrations
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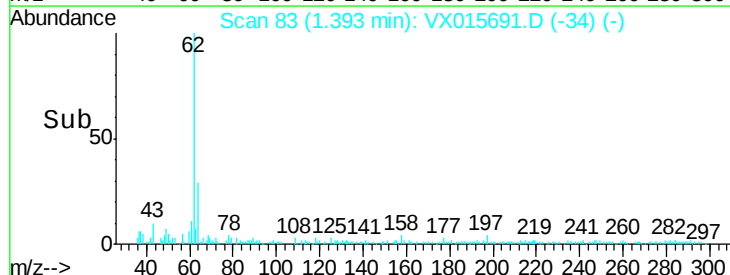
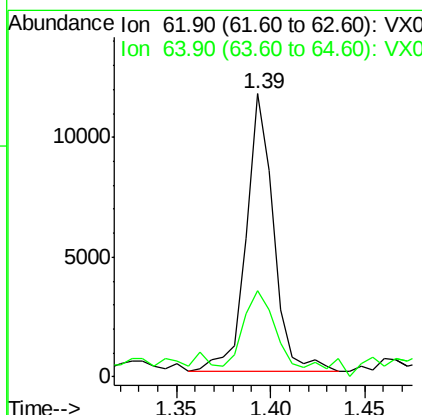
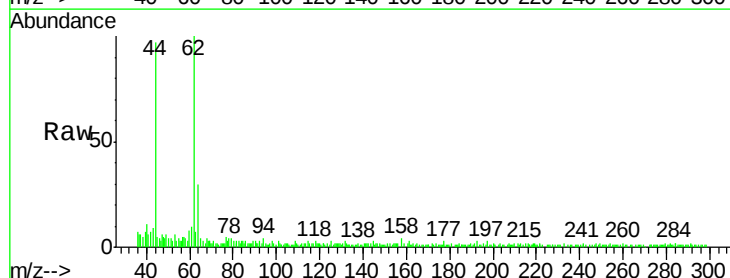
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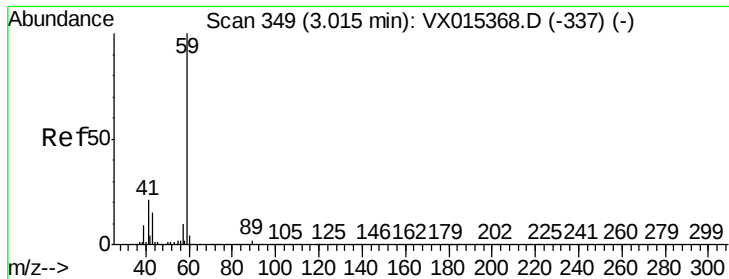


#4

Vinyl Chloride
 Concen: 1.069 ug/l
 RT: 1.39 min Scan# 83
 Delta R.T. -0.00 min
 Lab File: VX015691.D
 Acq: 15 Apr 2020 18:16

Tgt Ion: 62 Resp: 11716
 Ion Ratio Lower Upper
 62 100
 64 24.1 26.0 39.0#





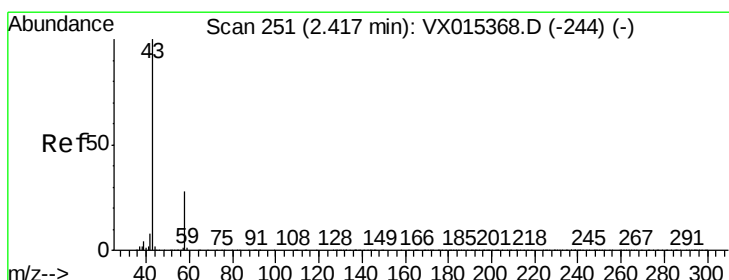
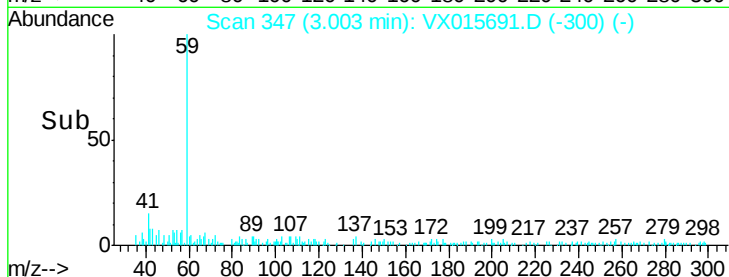
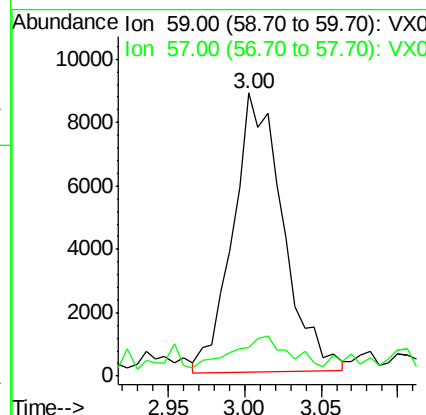
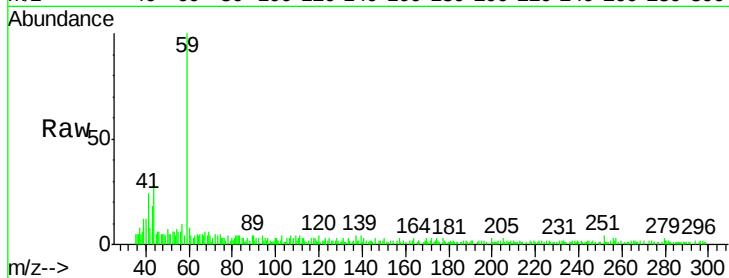
#11
Tert butyl alcohol
Concen: 5.548 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.01 min
Lab File: VX015691.D
Acq: 15 Apr 2020 18:16

Instrument :
MSVOA_X
ClientSampleId :
SS037MW307-200409

Tot Ion	Ratio	Lower	Upper
59	100		
57	13.1	8.1	12.1#

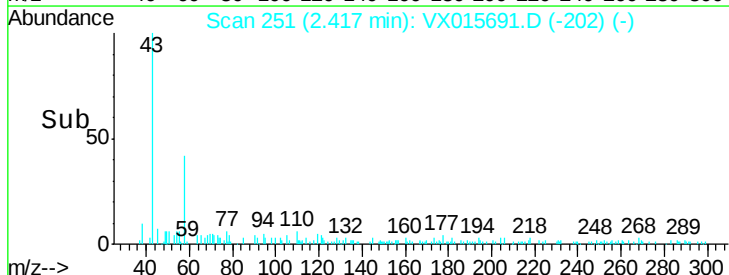
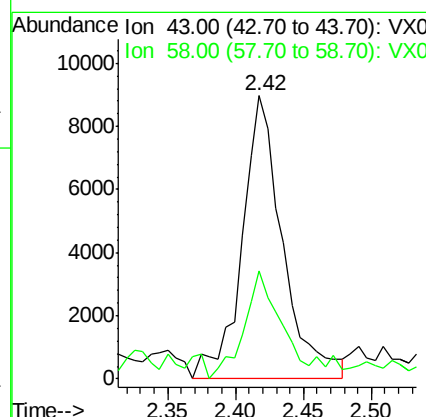
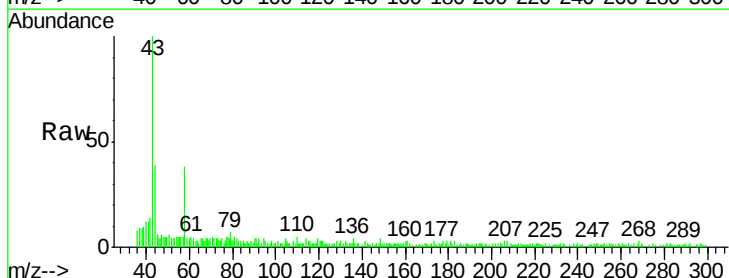
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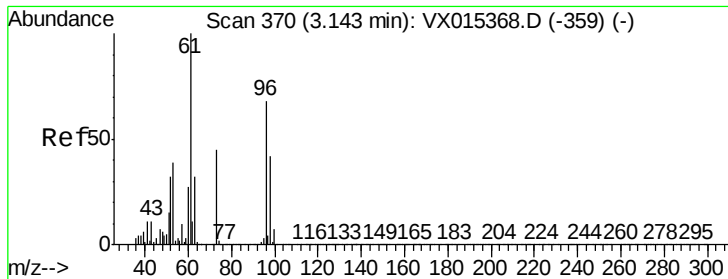
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#16
Acetone
Concen: 2.911 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015691.D
Acq: 15 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.5	22.1	33.1#





#21

trans-1,2-Dichloroethene

Concen: 0.315 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015691.D

Acq: 15 Apr 2020 18:16

Instrument :

MSVOA_X

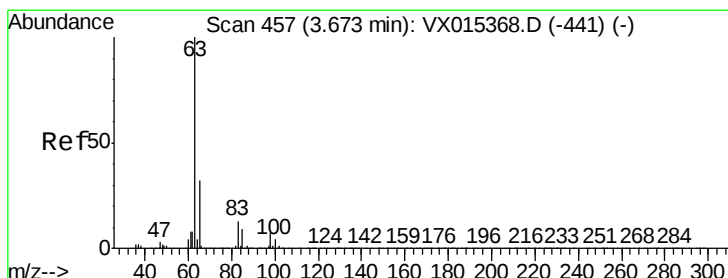
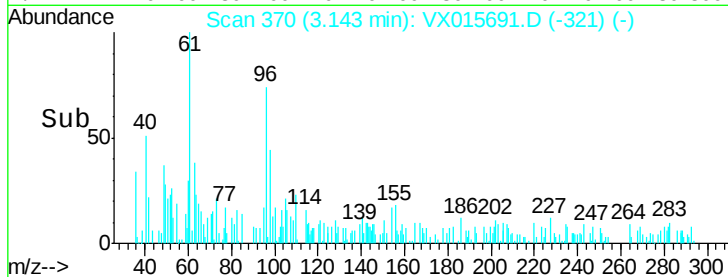
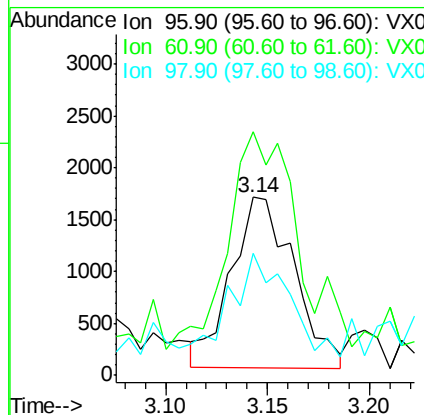
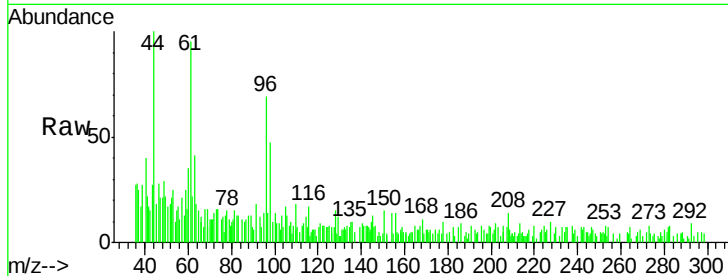
ClientSampleId :

SS037MW307-200409

Tot Ion:	96	Resp:	3507
Ion	Ratio	Lower	Upper
96	100		
61	122.9	116.9	175.3
98	65.4	48.6	73.0

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#24

1,1-Dichloroethane

Concen: 0.769 ug/l

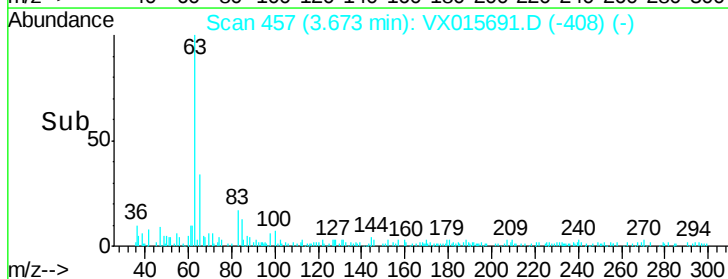
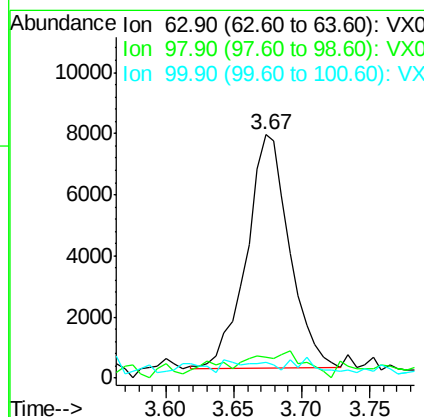
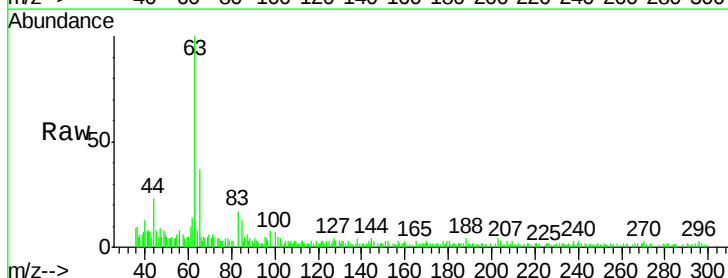
RT: 3.67 min Scan# 457

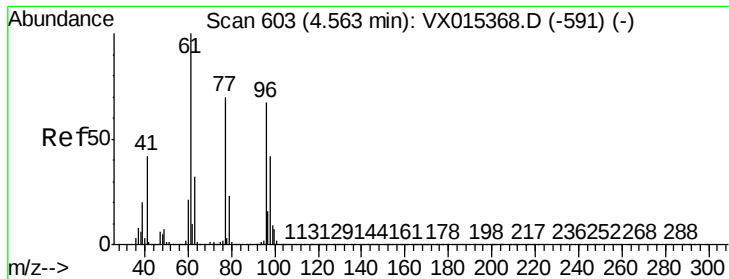
Delta R.T. 0.00 min

Lab File: VX015691.D

Acq: 15 Apr 2020 18:16

Tgt Ion:	63	Resp:	16848
Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.3	9.8
100	4.2	2.1	6.5





#27

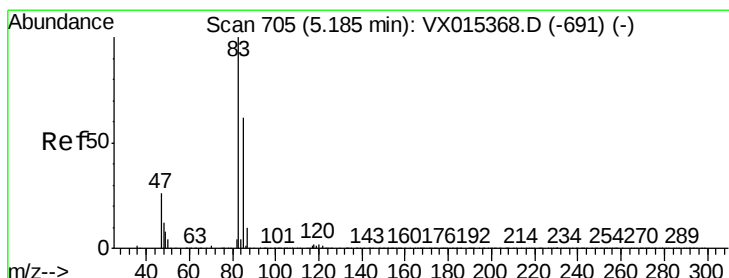
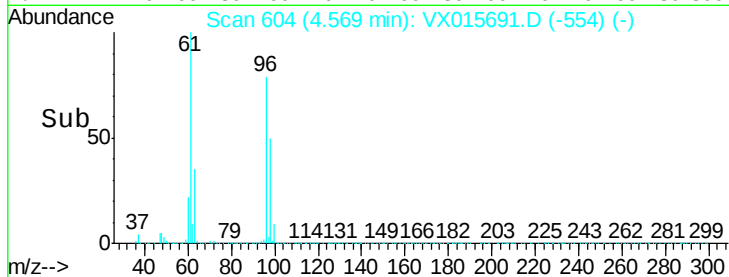
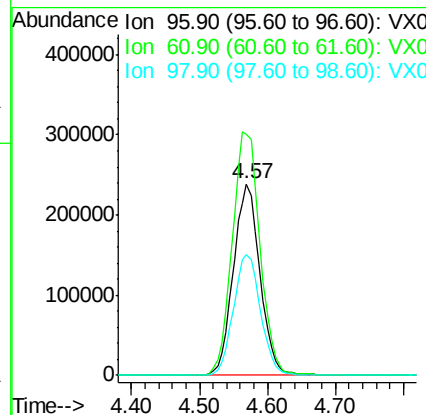
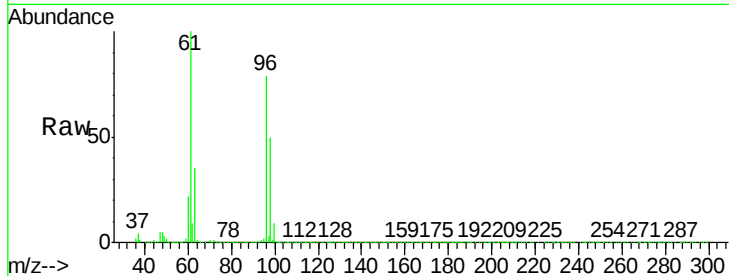
cis-1,2-Dichloroethene
 Concen: 49.866 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX015691.D
 Acq: 15 Apr 2020 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW307-200409

Tot Ion	Ratio	Resp	Lower	Upper
96	100	643169		
61	133.2	0.0	308.4	
98	64.5	0.0	129.2	

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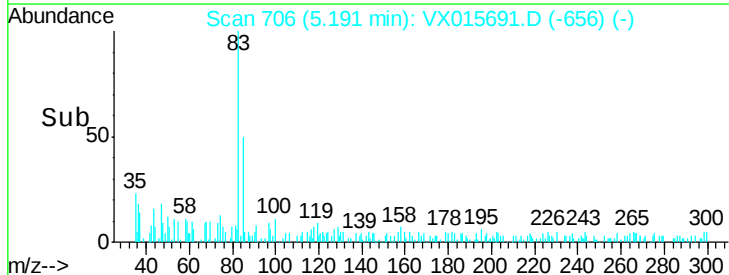
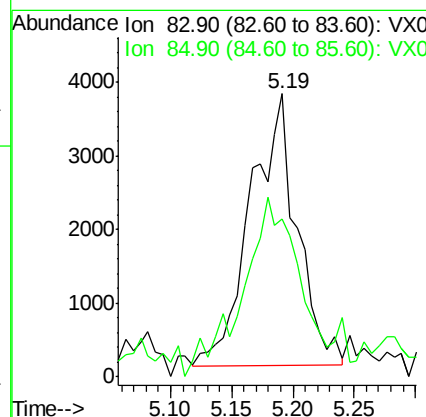
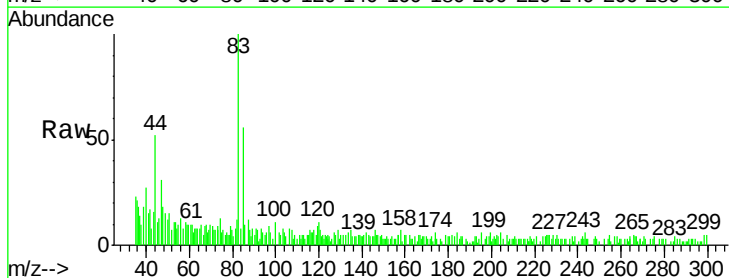
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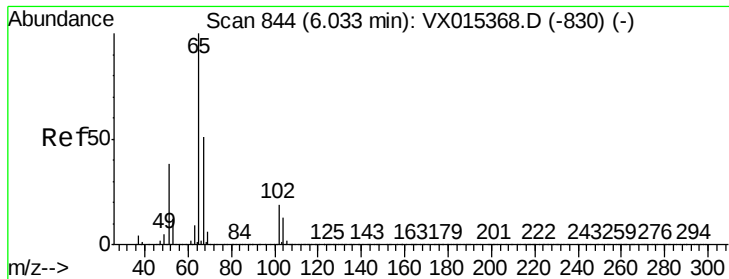


#30

Chloroform
 Concen: 0.464 ug/l
 RT: 5.19 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: VX015691.D
 Acq: 15 Apr 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	9769		
85	52.7	49.5	74.3	





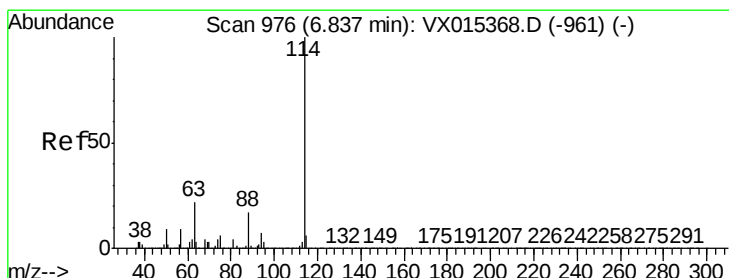
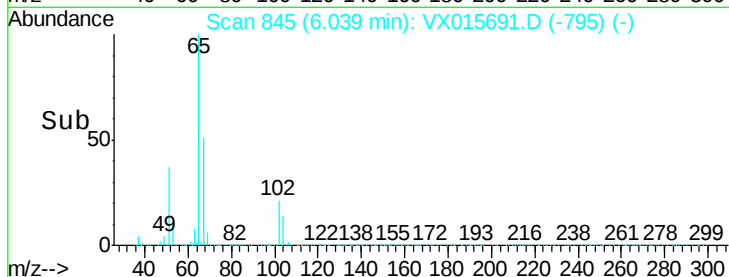
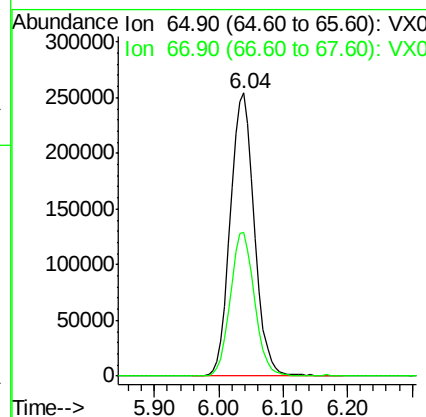
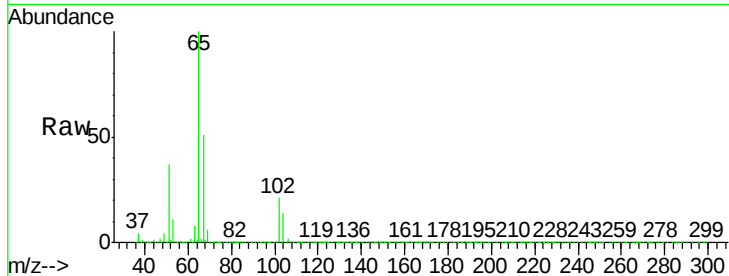
#33
 1,2-Dichloroethane-d4
 Concen: 44.407 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015691.D
 Acq: 15 Apr 2020 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW307-200409

Tot Ion	Ratio	Resp	Lower	Upper
65	100	666392		
67	50.9	0.0	102.6	

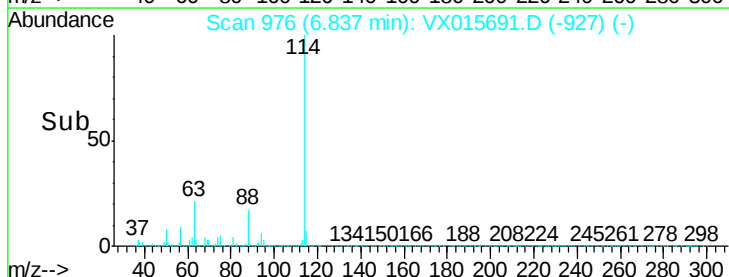
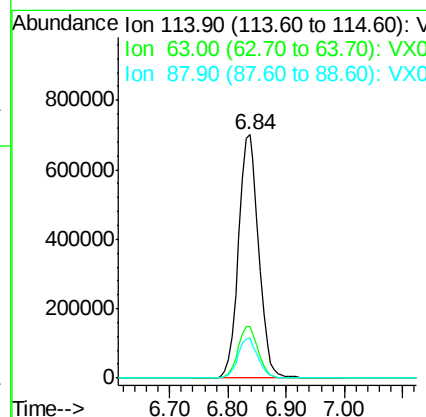
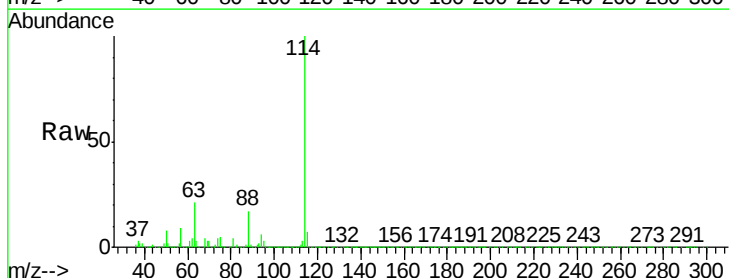
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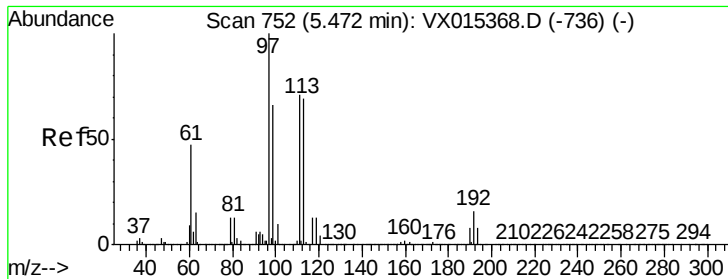
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015691.D
 Acq: 15 Apr 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1685871		
63	21.4	0.0	44.2	
88	16.6	0.0	33.8	





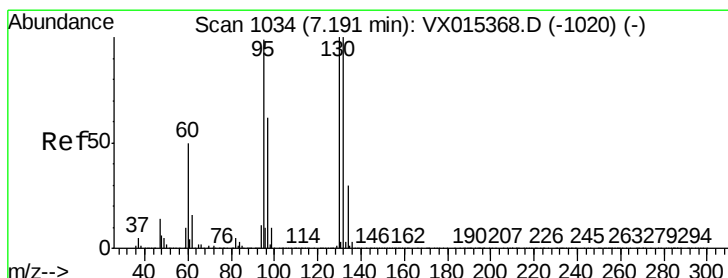
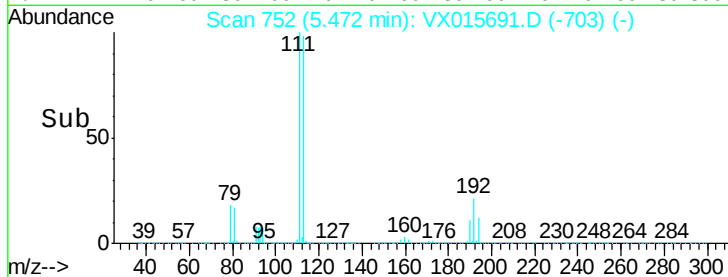
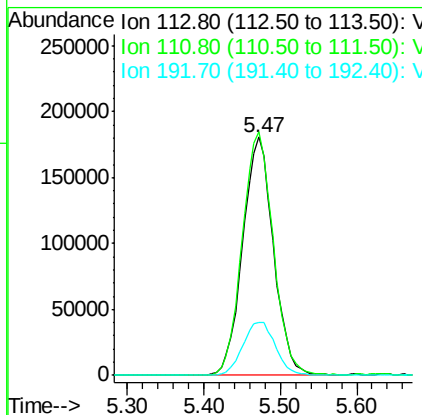
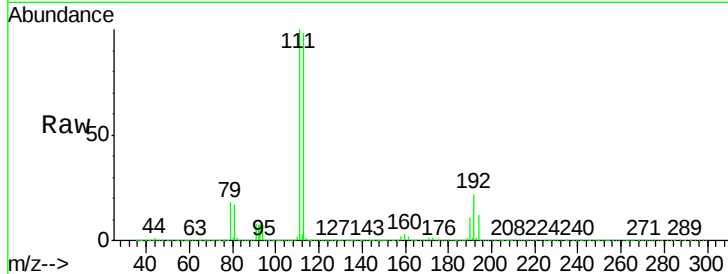
#35
Dibromofluoromethane
Concen: 46.663 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015691.D
Acq: 15 Apr 2020 18:16

Instrument :
MSVOA_X
ClientSampleId :
SS037MW307-200409

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.5	122.3
192	23.9	17.8	26.6

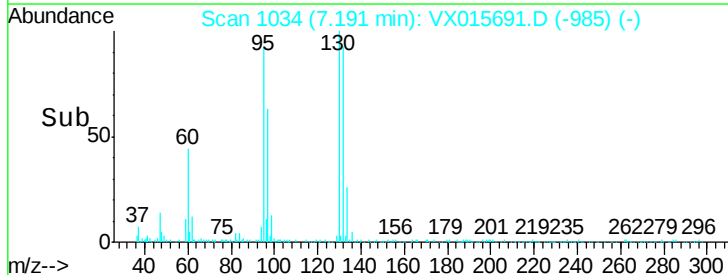
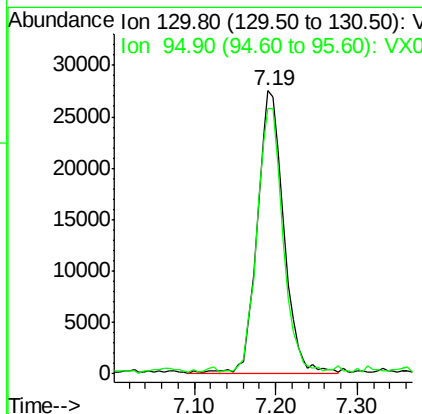
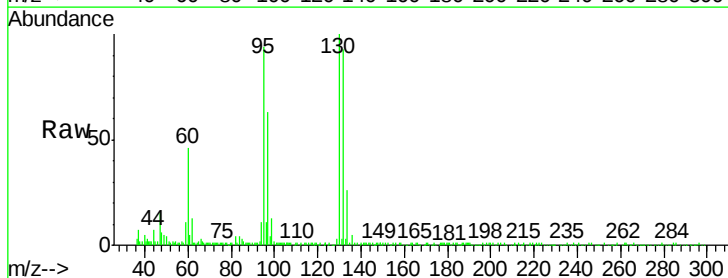
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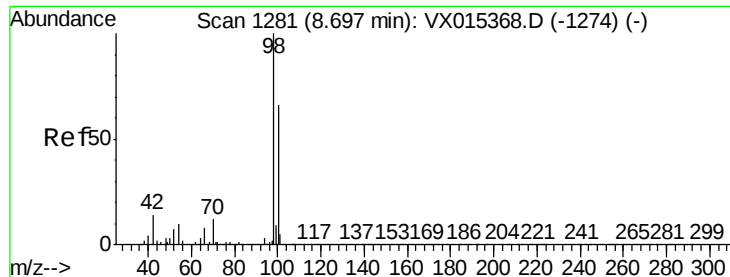
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#44
Trichloroethene
Concen: 5.067 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015691.D
Acq: 15 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	199.0





#50

Toluene-d8

Concen: 50.975 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015691.D

Acq: 15 Apr 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

SS037MW307-200409

Tot Ion: 98 Resp: 2022492

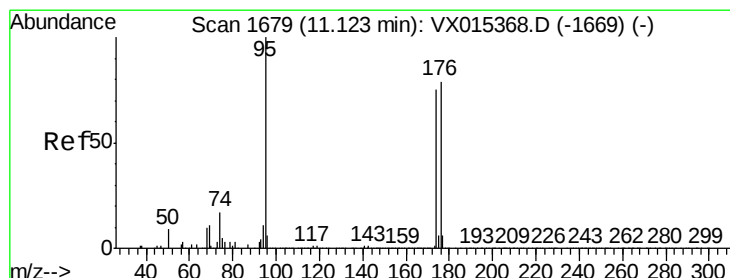
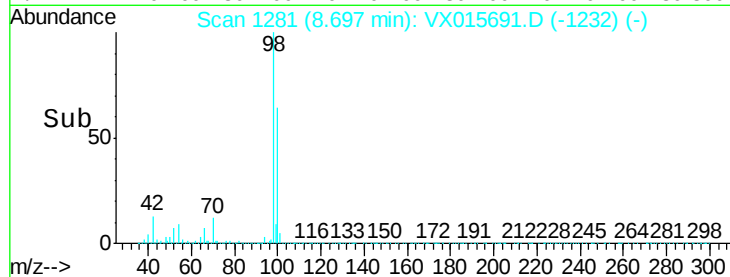
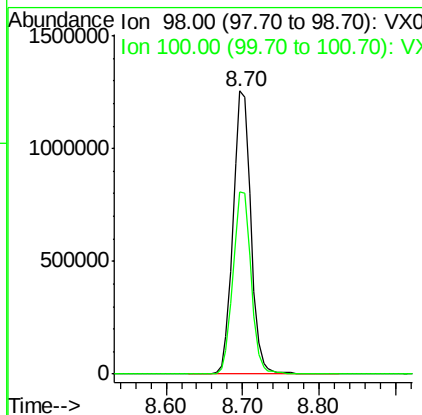
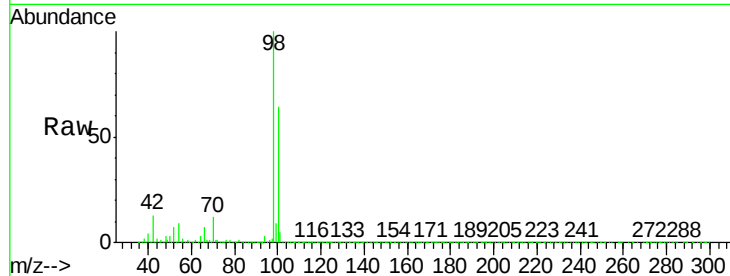
Ion Ratio Lower Upper

98 100

100 65.5 53.5 80.3

Manual Integrations
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4/16/2020 11:03:06 AM



#62

4-Bromofluorobenzene

Concen: 52.050 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015691.D

Acq: 15 Apr 2020 18:16

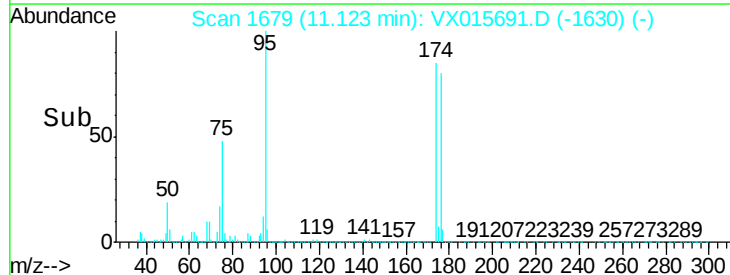
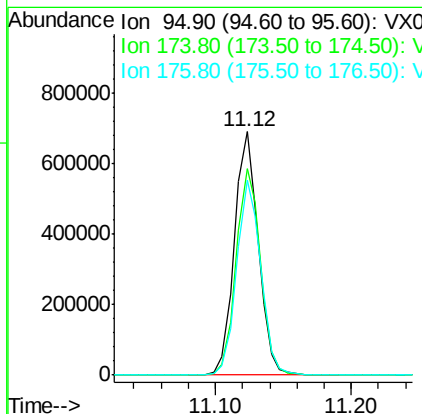
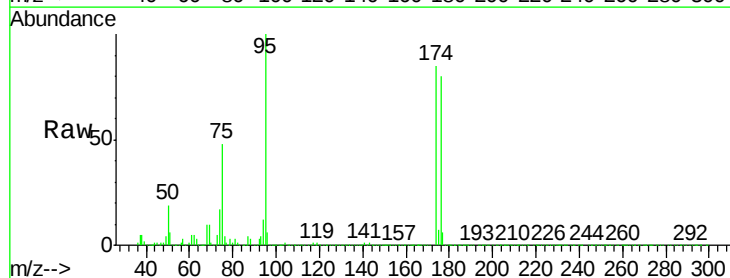
Tgt Ion: 95 Resp: 839278

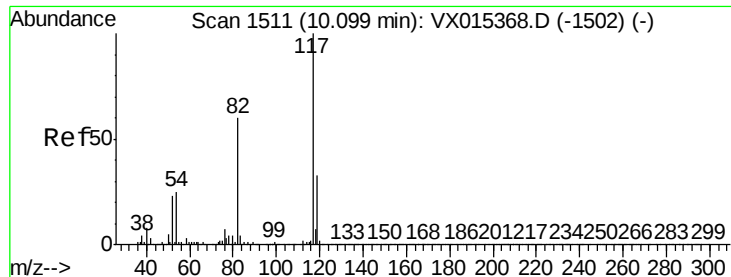
Ion Ratio Lower Upper

95 100

174 86.8 0.0 158.6

176 81.0 0.0 159.0





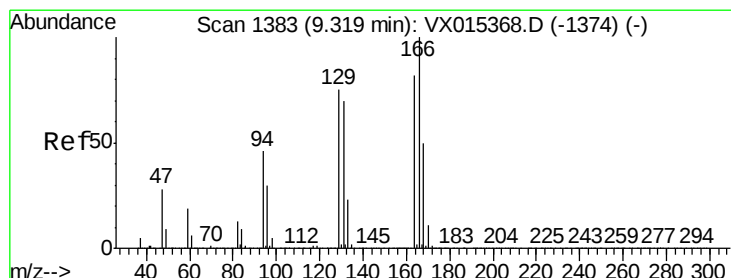
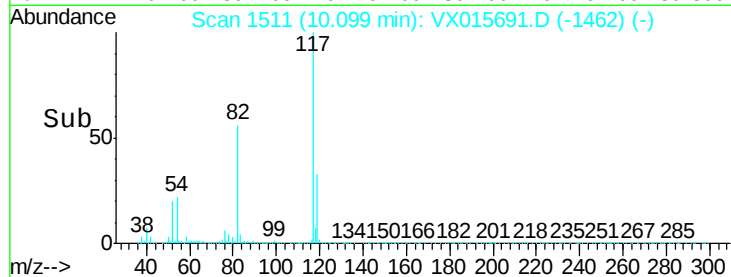
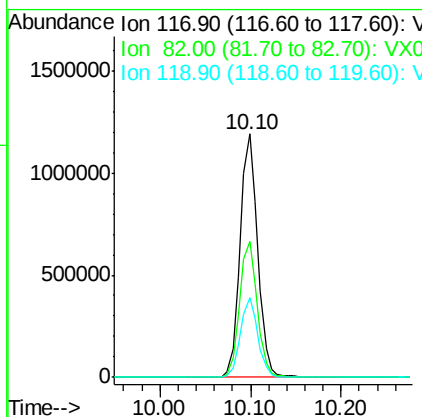
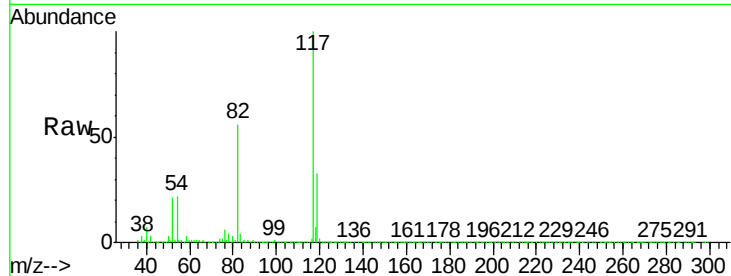
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015691.D
Acq: 15 Apr 2020 18:16

Instrument :
MSVOA_X
ClientSampleId :
SS037MW307-200409

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.8	71.8
119	32.6	26.8	40.2

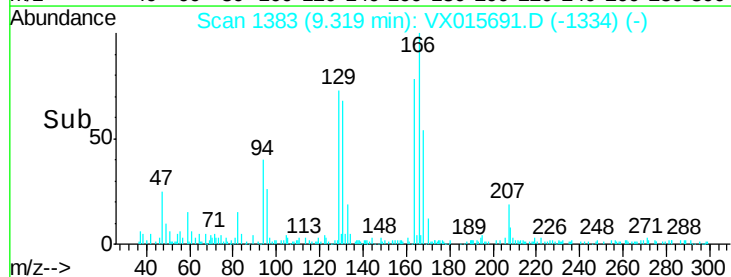
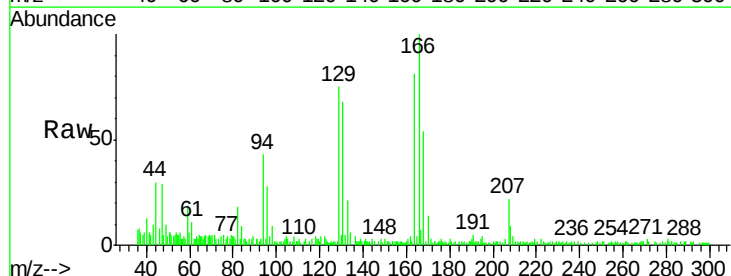
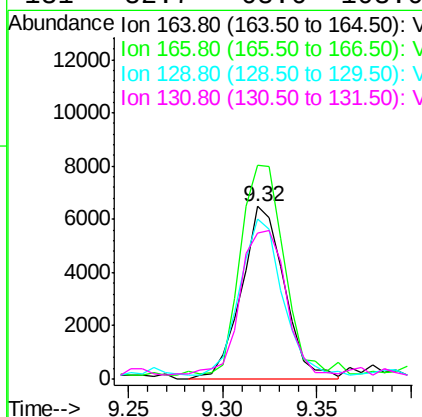
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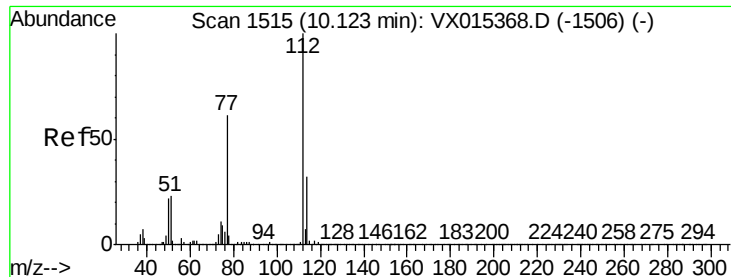
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4/16/2020 11:03:06 AM



#64
Tetrachloroethene
Concen: 0.852 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015691.D
Acq: 15 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.2	97.8	146.6
129	92.3	73.0	109.4
131	82.7	68.6	103.0





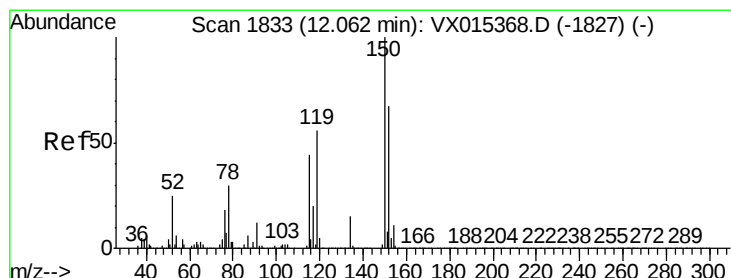
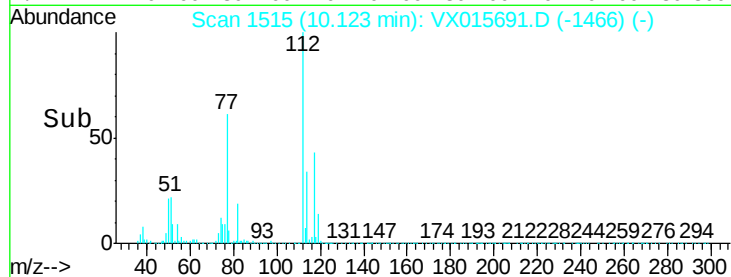
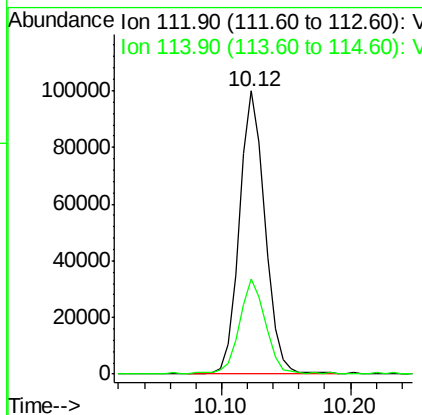
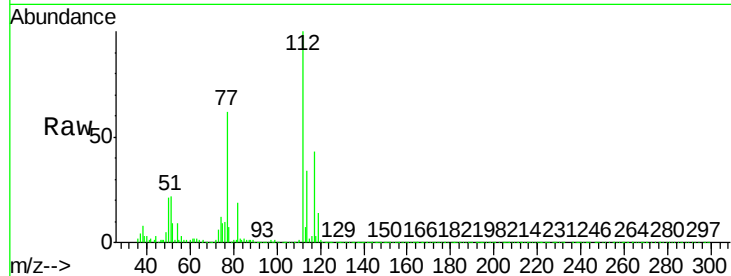
#65
Chlorobenzene
Concen: 4.321 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015691.D
Acq: 15 Apr 2020 18:16

Instrument :
MSVOA_X
ClientSampleId :
SS037MW307-200409

Tot Ion	Ratio	Resp	Lower	Upper
112	100	137591		
114	33.5	25.5	38.3	

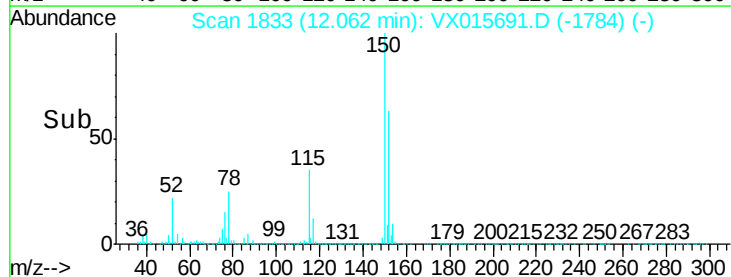
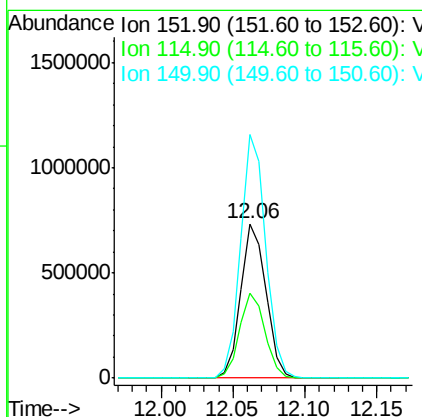
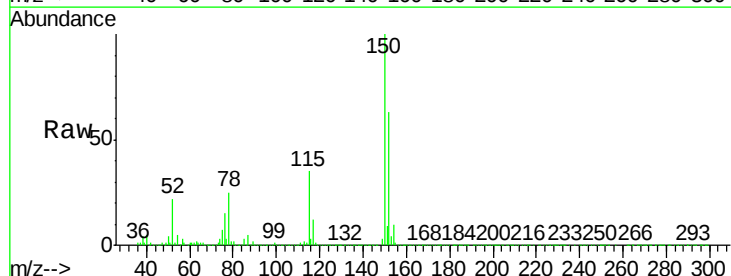
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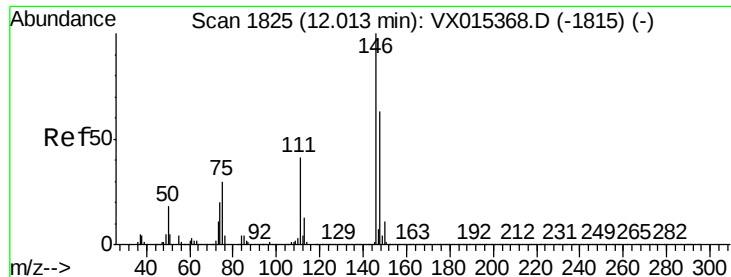
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4/16/2020 11:03:06 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015691.D
Acq: 15 Apr 2020 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	896460		
115	55.2	39.0	116.9	
150	155.9	0.0	340.8	





#87

1,3-Dichlorobenzene

Concen: 0.225 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015691.D

Acq: 15 Apr 2020 18:16

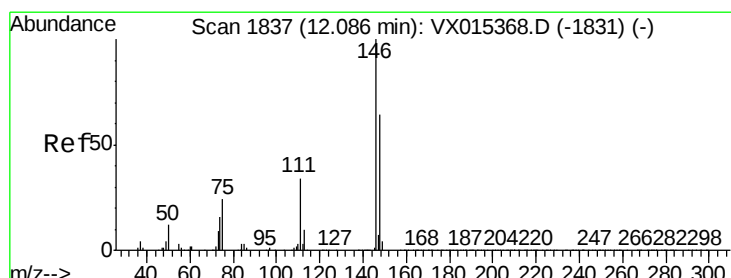
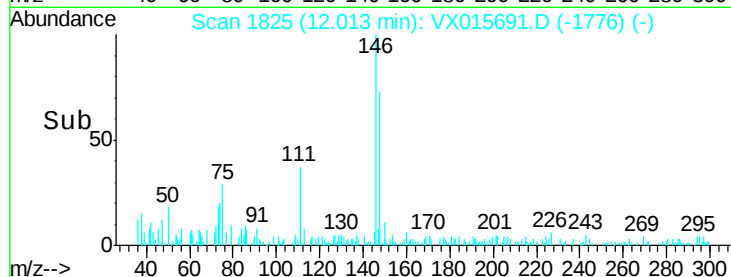
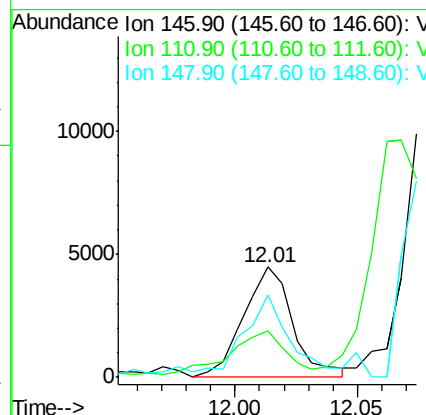
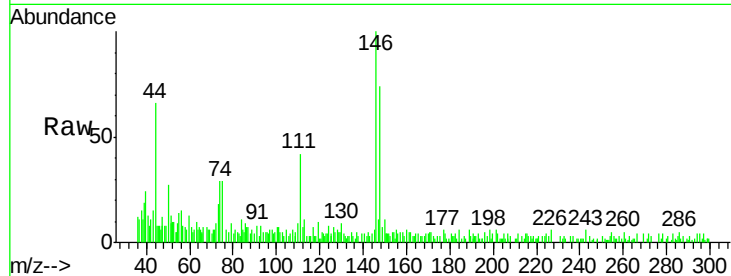
Instrument :
MSVOA_X

ClientSampleId :
SS037MW307-200409

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	20.3	60.9
148	69.2	31.3	93.9

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#88

1,4-Dichlorobenzene

Concen: 0.836 ug/l m

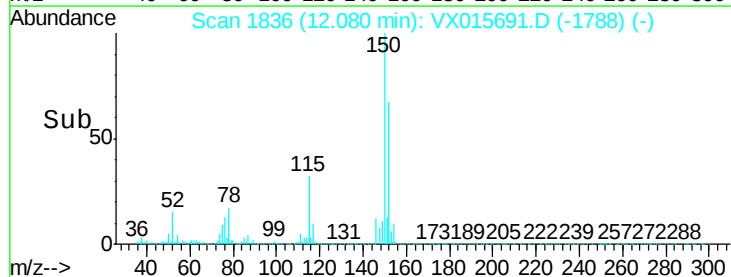
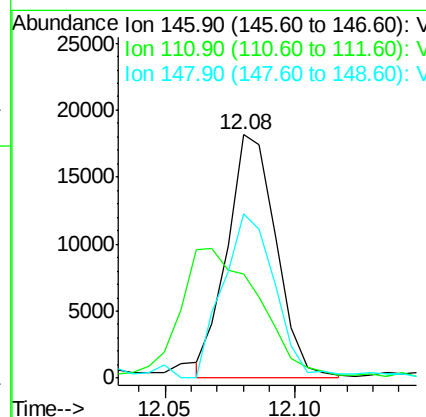
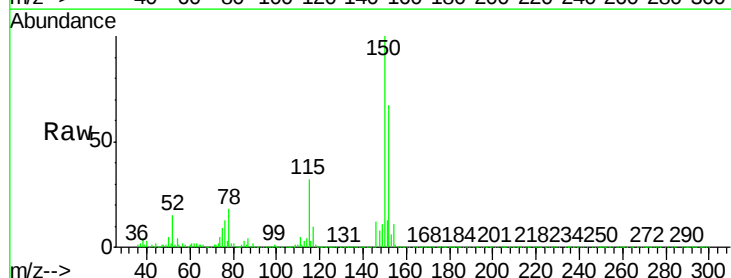
RT: 12.08 min Scan# 1836

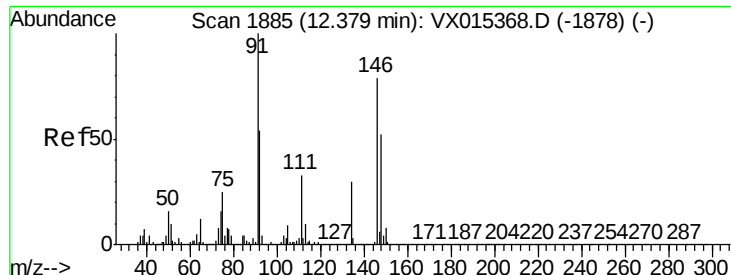
Delta R.T. -0.01 min

Lab File: VX015691.D

Acq: 15 Apr 2020 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	11.8	19.1	57.5#
148	16.1	32.4	97.2#





#91
 1,2-Dichlorobenzene
 Concen: 5.404 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015691.D
 Acq: 15 Apr 2020 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW307-200409

Tot Ion:	146	Resp:	148344
Ion Ratio	Lower	Upper	
146	100		
111	39.6	21.0	63.0
148	63.5	32.4	97.0

Manual Integrations
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 4/16/2020 11:03:06 AM

