

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080718\
 Data File : VR025574.D
 Acq On : 7 Aug 2018 13:52
 Operator : SY/MD
 Sample : J4358-08
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW8

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 11:11:47 AM

Quant Time: Aug 09 23:46:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 23:37:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	505860	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	439188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	153189	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	120566	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	2.63	69	107377	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	3.63	63	226316	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	6.60	46	153004	59.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.12%
24) Chloroform-d	7.20	84	253069	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	7.90	65	90035	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	7.86	84	533830	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	8.90	67	153587	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	9.97	98	485914	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	10.24	79	29879	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	10.59	63	165006	65.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.58%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73706	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	139173	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

						Ovalue
5) Vinyl chloride	2.15	62	143711	3.76	ug/L	99
12) 1,1-Dichloroethene	3.63	96	7602	0.21	ug/L #	1
13) Acetone	3.71	43	38333	17.60	ug/L	96
18) trans-1,2-Dichloroethene	4.88	96	18911m	0.55	ug/L	
21) 2-Butanone	6.69	43	9544	3.15	ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	1628606	51.53	ug/L #	99
25) Chloroform	7.22	83	47090	0.94	ug/L	92
34) Trichloroethene	8.71	95	545281	16.16	ug/L	98
47) Tetrachloroethene	10.52	164	1302040	45.10	ug/L	98

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

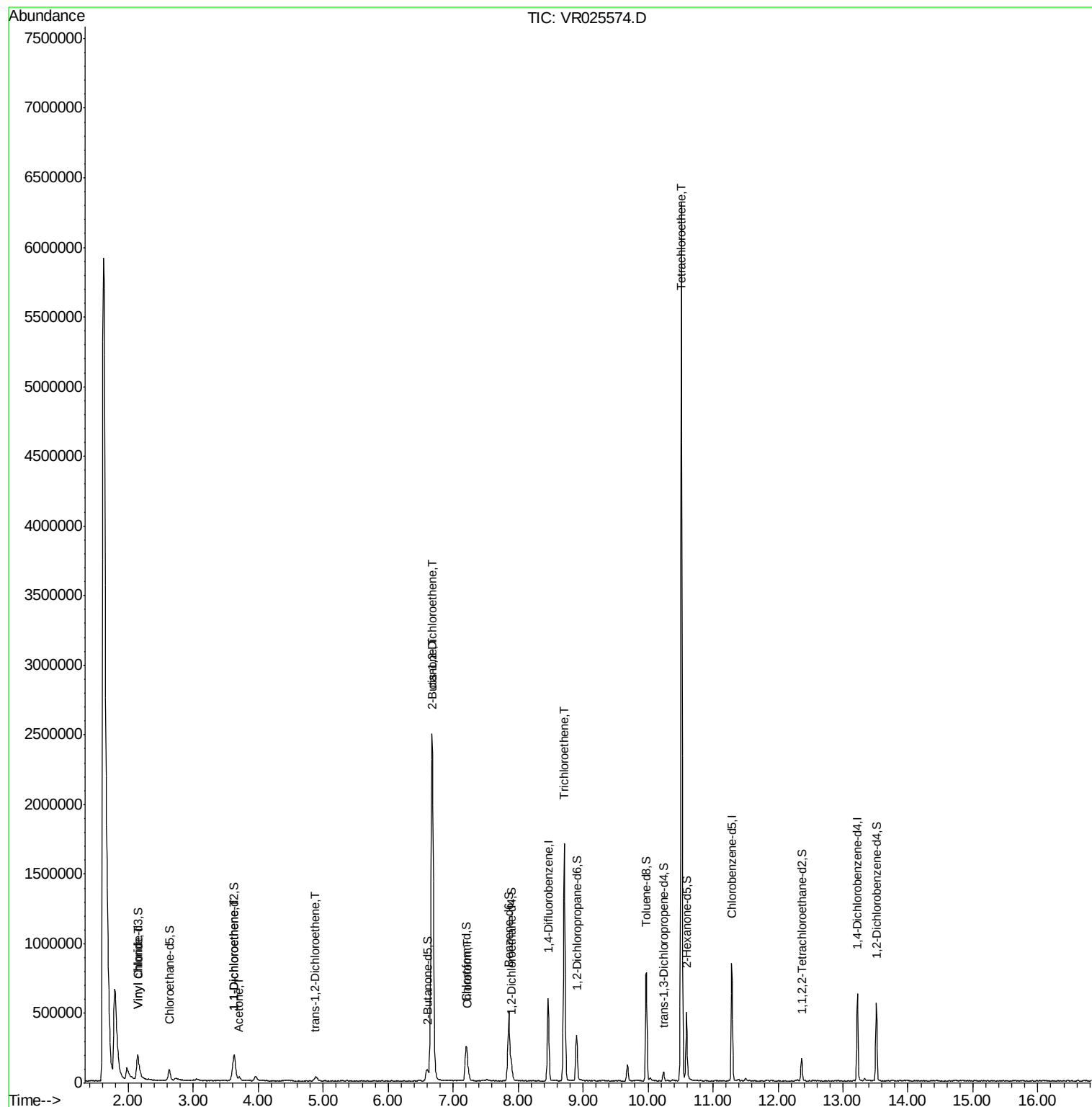
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR080718\
Data File : VR025574.D
Acq On : 7 Aug 2018 13:52
Operator : SY/MD
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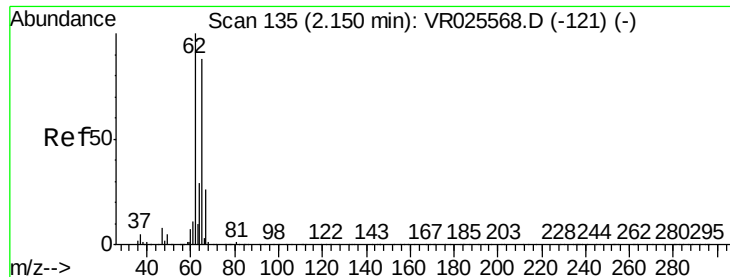
Instrument :
MSVOA_R
ClientSampleId :
ESWW8

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Quant Time: Aug 09 23:46:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 23:37:26 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.76 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025574.D

Acq: 7 Aug 2018 13:52

Instrument :

MSVOA_R

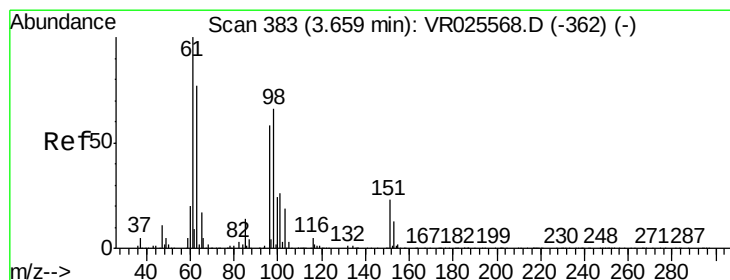
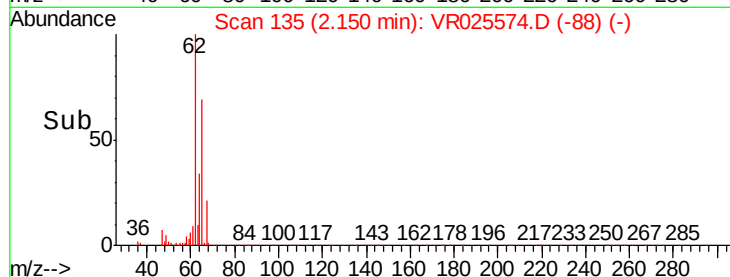
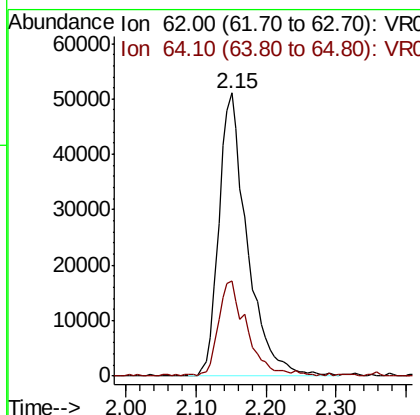
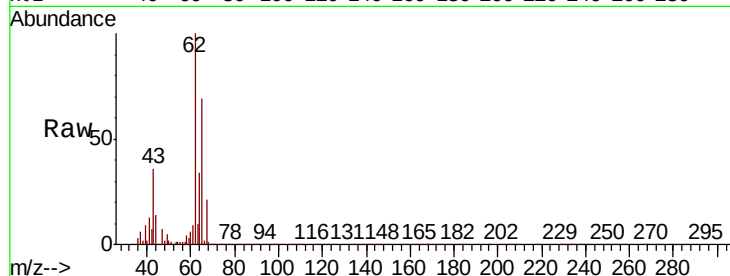
ClientSampled :

ESWW8

Tot Ion	Ratio	Lower	Upper
62	100		
64	33.8	24.1	44.8

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#12

1,1-Dichloroethene

Concen: 0.21 ug/L

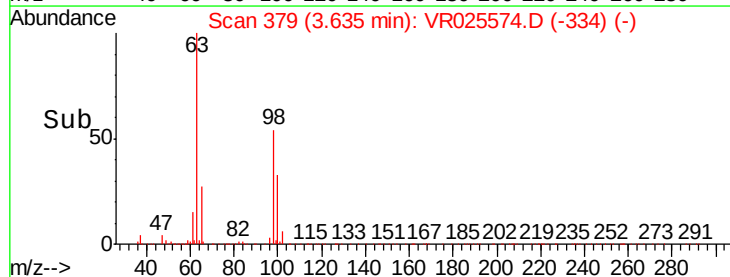
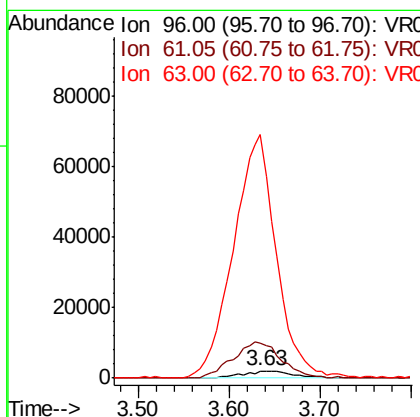
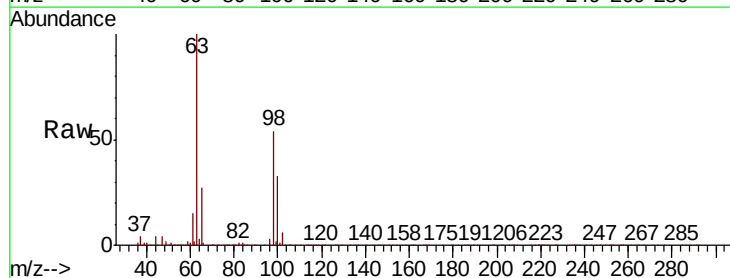
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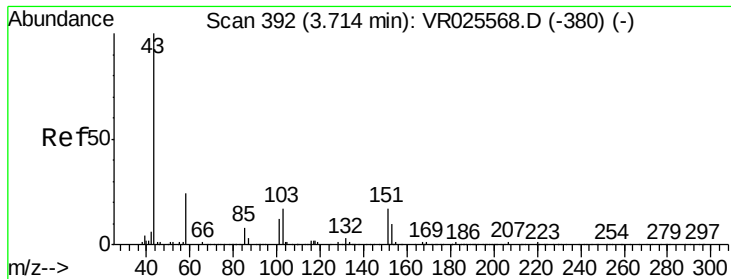
Delta R.T. -0.02 min

Lab File: VR025574.D

Acq: 7 Aug 2018 13:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	481.0	124.3	230.8#
63	3306.6	108.1	200.7#





#13

Acetone

Concen: 17.60 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.00 min

Lab File: VR025574.D

Acq: 7 Aug 2018 13:52

Instrument :

MSVOA_R

ClientSampleId :

ESWW8

Tot Ion: 43 Resp: 38333

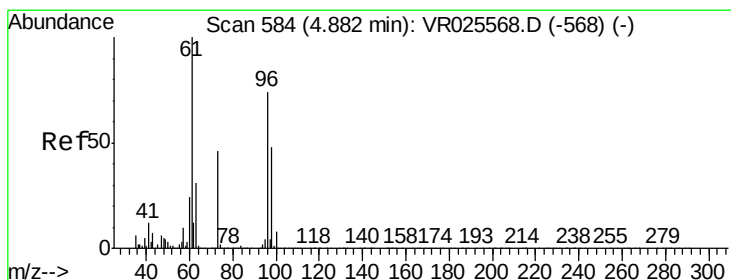
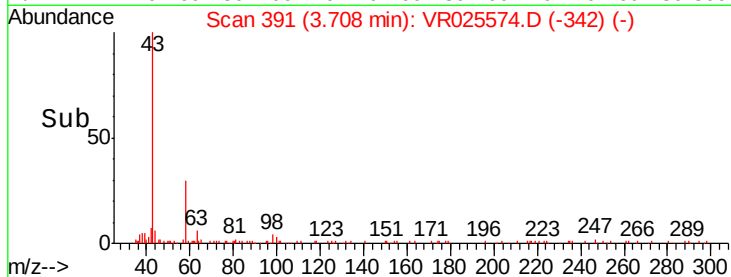
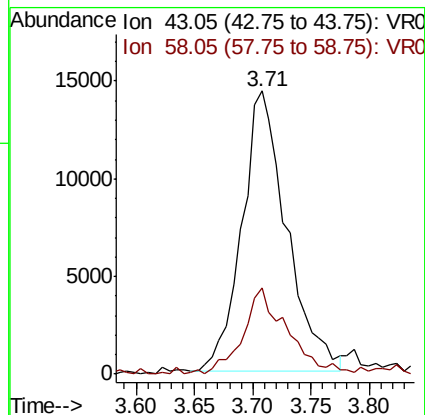
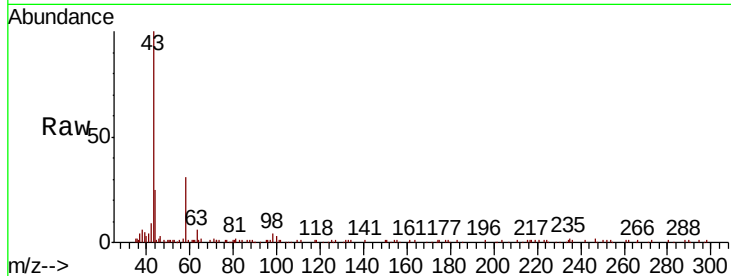
Ion Ratio Lower Upper

43 100

58 28.9 0.0 53.4

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#18

trans-1,2-Dichloroethene

Concen: 0.55 ug/L m

RT: 4.88 min Scan# 583

Delta R.T. -0.01 min

Lab File: VR025574.D

Acq: 7 Aug 2018 13:52

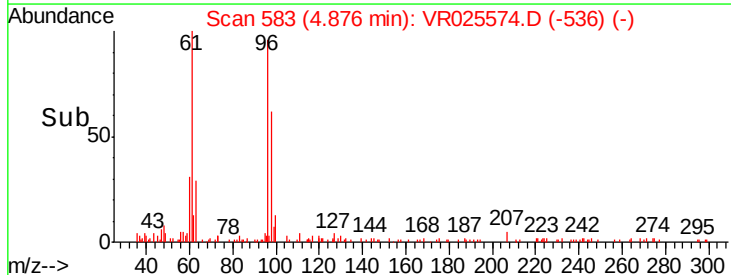
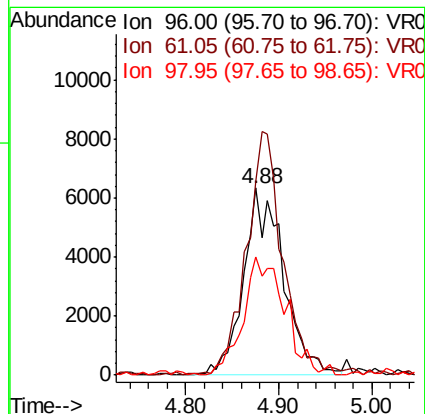
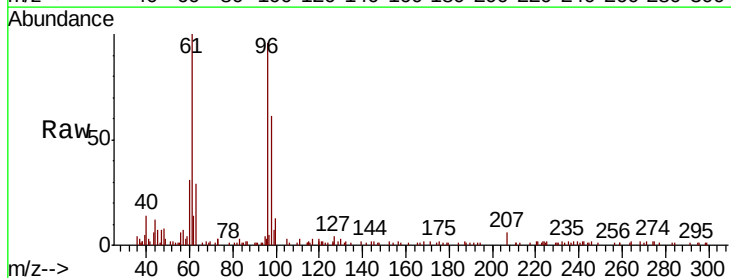
Tgt Ion: 96 Resp: 18911

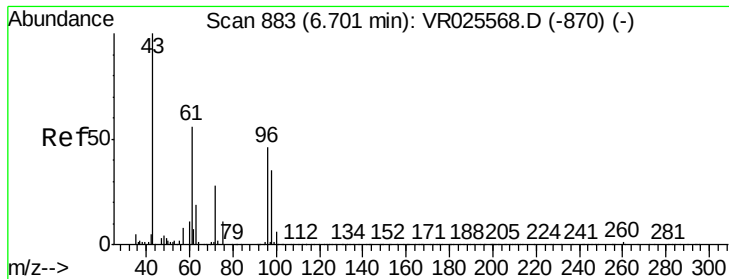
Ion Ratio Lower Upper

96 100

61 104.0 85.5 158.9

98 63.6 42.1 78.1





#21

2-Butanone

Concen: 3.15 ug/L

RT: 6.69 min Scan# 881

Delta R.T. -0.01 min

Lab File: VR025574.D

Acq: 7 Aug 2018 13:52

Instrument :

MSVOA_R

ClientSampleId :

ESWW8

Tot Ion: 43 Resp: 9544

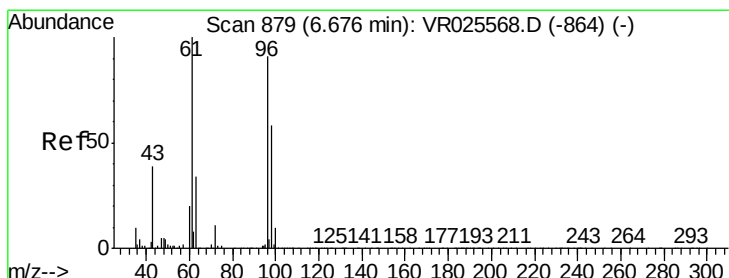
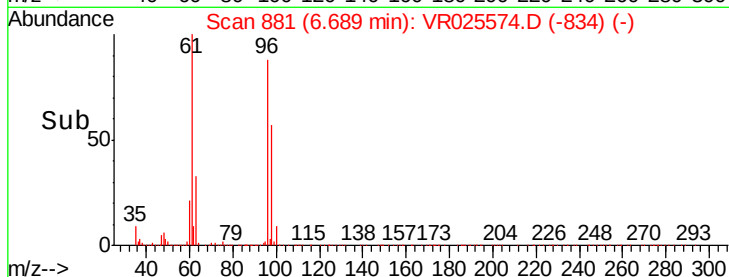
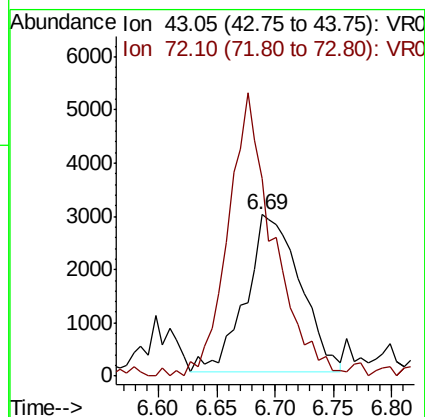
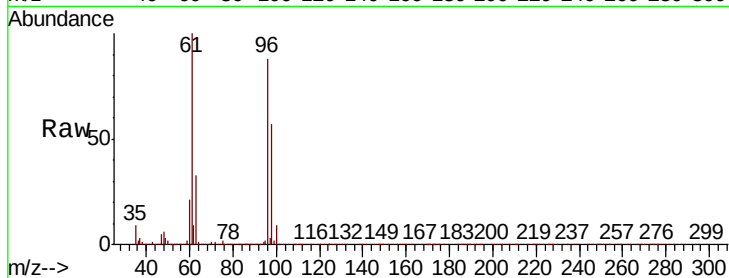
Ion Ratio Lower Upper

43 100

72 149.8 13.2 39.6#

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#22

cis-1,2-Dichloroethene

Concen: 51.53 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025574.D

Acq: 7 Aug 2018 13:52

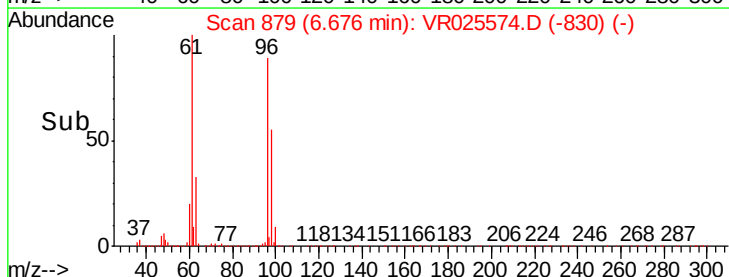
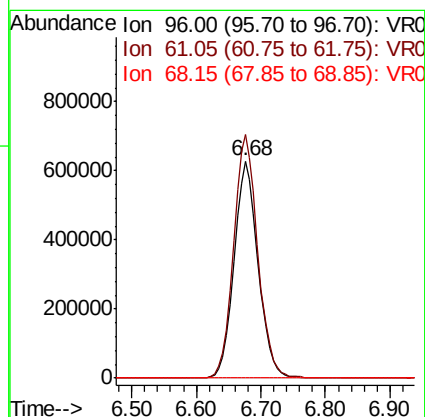
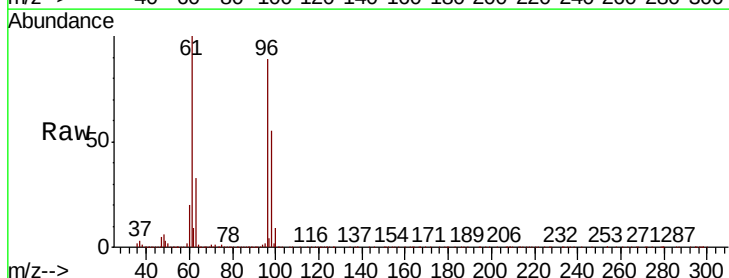
Tgt Ion: 96 Resp: 1628606

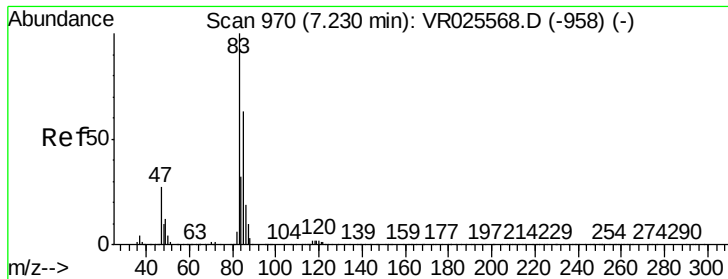
Ion Ratio Lower Upper

96 100

61 112.2 77.7 144.3

68 0.0 0.0 0.0#





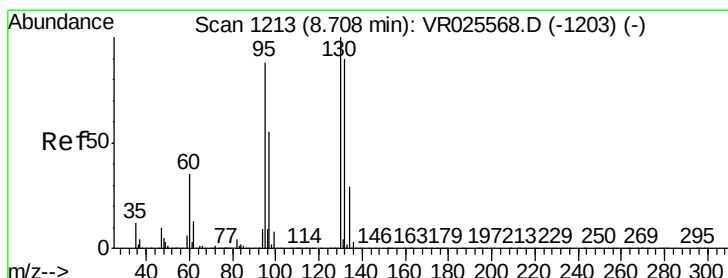
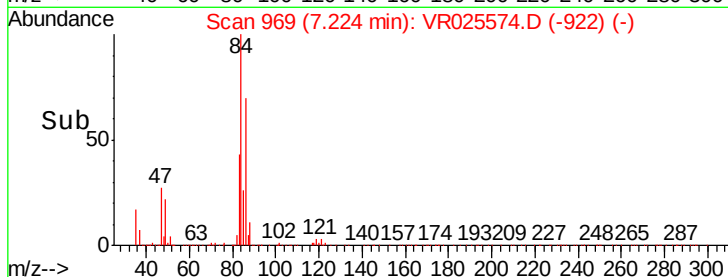
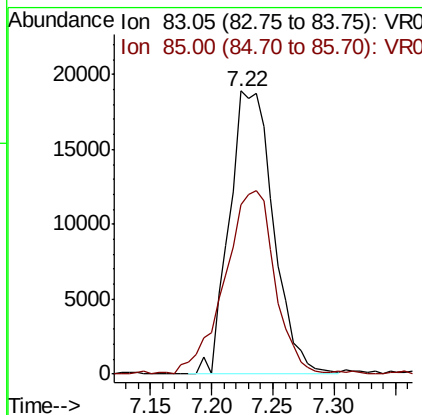
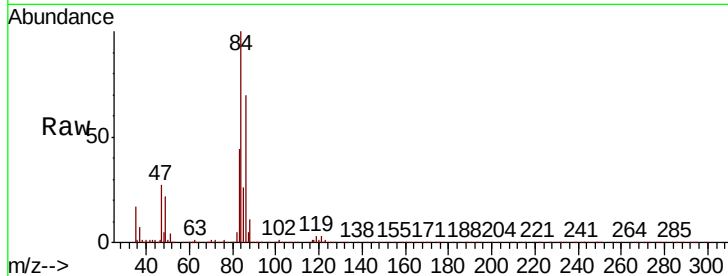
#25
Chloroform
Concen: 0.94 ug/L
RT: 7.22 min Scan# 969
Delta R.T. -0.01 min
Lab File: VR025574.D
Acq: 7 Aug 2018 13:52

Instrument :
MSVOA_R
ClientSampleId :
ESWW8

Tot Ion	83	Resp	Lower	Upper
83	100			
85	59.6	46.5	86.3	

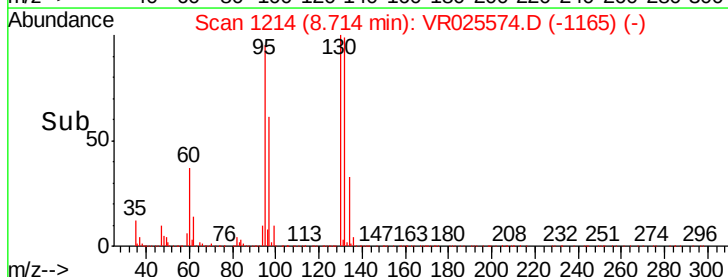
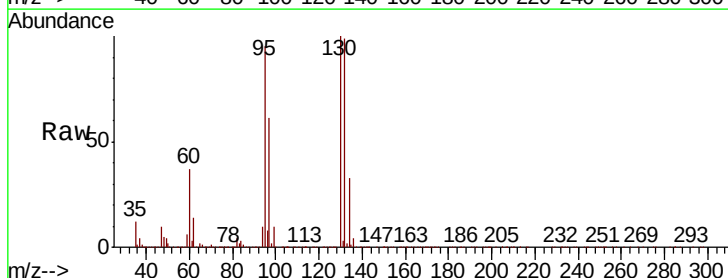
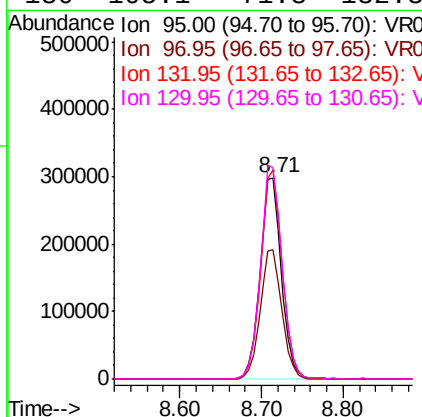
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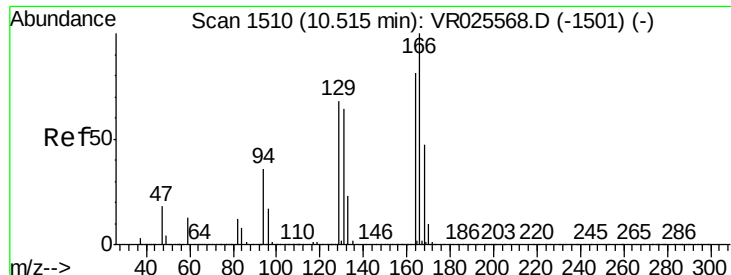
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#34
Trichloroethene
Concen: 16.16 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.00 min
Lab File: VR025574.D
Acq: 7 Aug 2018 13:52

Tgt Ion	95	Resp	Lower	Upper
95	100			
97	64.4	46.7	86.7	
132	103.5	71.7	133.1	
130	105.1	71.3	132.3	





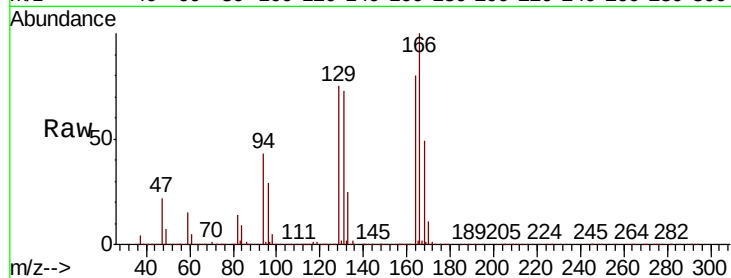
#47
Tetrachloroethene
Concen: 45.10 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VR025574.D
Acq: 7 Aug 2018 13:52

Instrument :
MSVOA_R
ClientSampleId :
ESWW8

Tot Ion	Ratio	Lower	Upper
164	100		
129	93.2	63.0	117.0
131	90.9	60.6	112.6
166	125.0	87.6	162.8

Manual Integrations
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8/10/2018 11:11:47 AM



Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

