

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020318.D
 Acq On : 06 Oct 2021 15:48
 Operator : SY/VA
 Sample : M4001-03
 Misc : 7.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW918

Manual Integrations
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Quant Time: Oct 07 01:53:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	269212	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	152281	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	35880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	74694	20.131	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.520%		
7) Chloroethane-d5	2.879	69	29953	18.631	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.520%		
11) 1,1-Dichloroethene-d2	4.019	63	101914	13.338	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.360%		
21) 2-Butanone-d5	7.092	46	47347	50.234	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.460%		
24) Chloroform-d	7.653	84	148634	19.228	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.920%		
26) 1,2-Dichloroethane-d4	8.311	65	95672	22.615	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.480%		
32) Benzene-d6	8.275	84	265310	28.775	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	115.120%		
36) 1,2-Dichloropropane-d6	9.281	67	81254	27.784	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.120%		
41) Toluene-d8	10.323	98	158178	18.941	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.760%		
43) trans-1,3-Dichloroprop...	10.579	79	25605	21.518	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.080%		
47) 2-Hexanone-d5	10.927	63	25249	62.466	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.940%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	44403	21.754	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.000%		
66) 1,2-Dichlorobenzene-d4	13.853	152	23673	18.842	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	75.360%		
Target Compounds						
5) Vinyl chloride	2.355	62	23945	4.881	ug/L #	81
12) 1,1-Dichloroethene	4.044	96	20188	5.389	ug/L #	57
13) Acetone	4.141	43	6660	6.873	ug/L	91
14) Carbon disulfide	4.385	76	14964	1.215	ug/L	97
15) Methyl Acetate	4.684	43	1900	1.073	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	57500	14.662	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	2468296	615.483	ug/L	96
34) Trichloroethene	9.092	95	23122473m	8875.661	ug/L	
42) Toluene	10.390	91	7857	0.738	ug/L	98

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

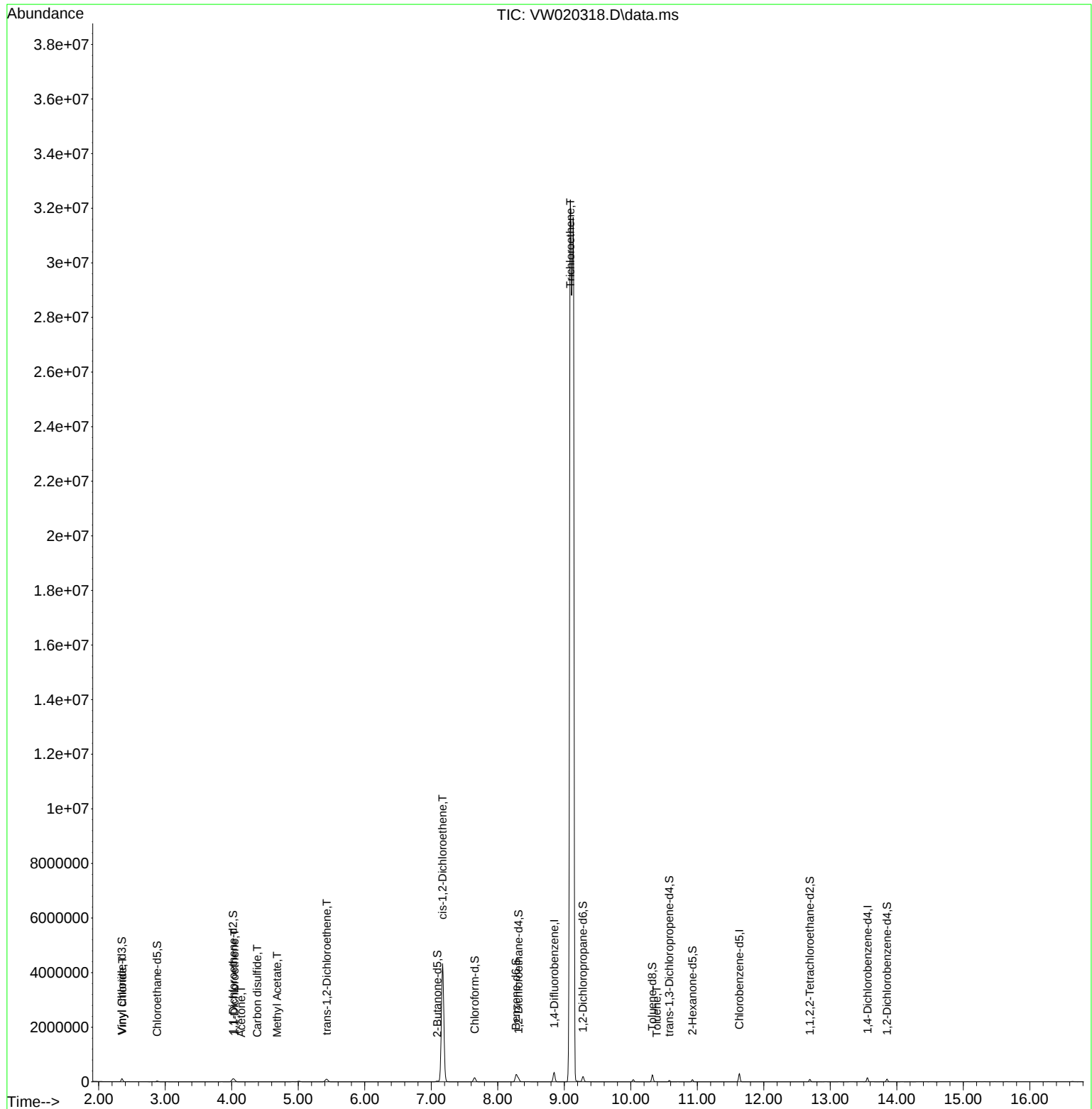
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
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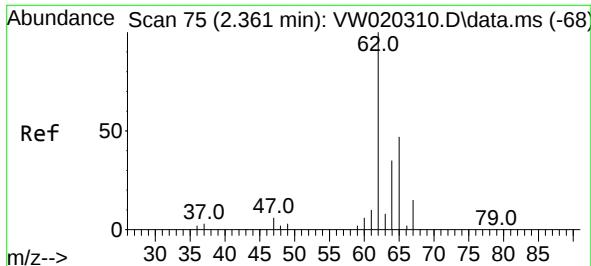
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Quant Time: Oct 07 01:53:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
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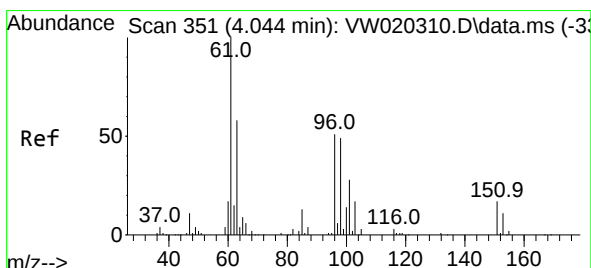
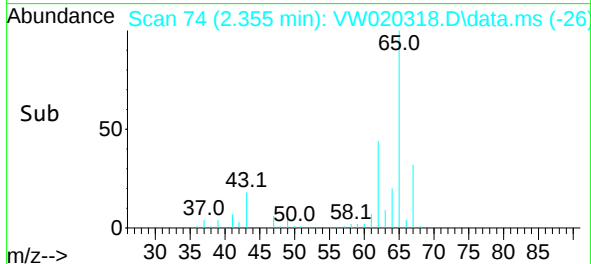
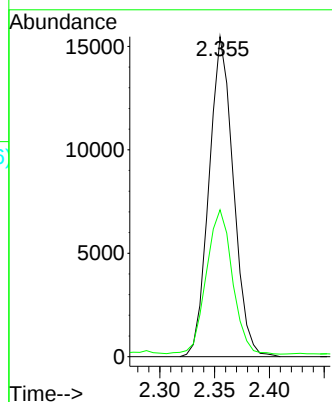
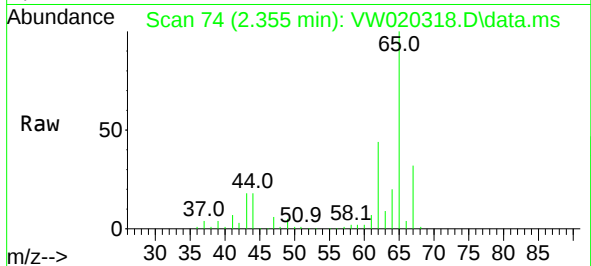
#5
 Vinyl chloride
 Concen: 4.881 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020318.D
 Acq: 06 Oct 2021 15:48

Tgt Ion: 62 Resp: 23945
 Ion Ratio Lower Upper
 62 100
 64 45.9 24.6 45.6#

Instrument :
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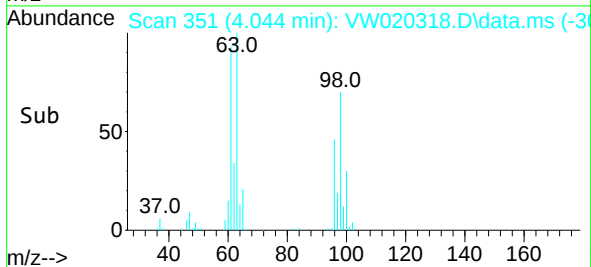
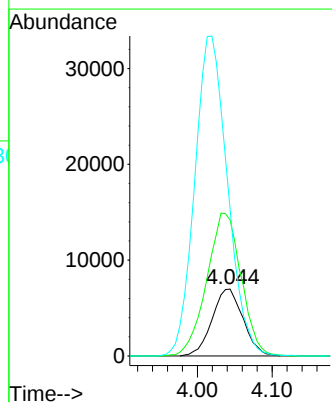
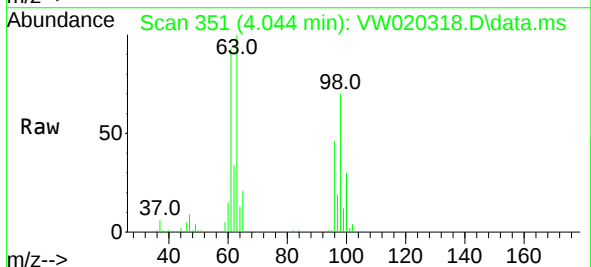
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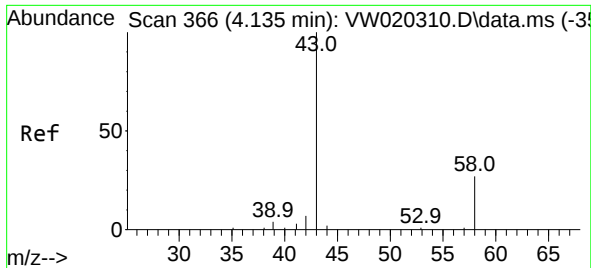
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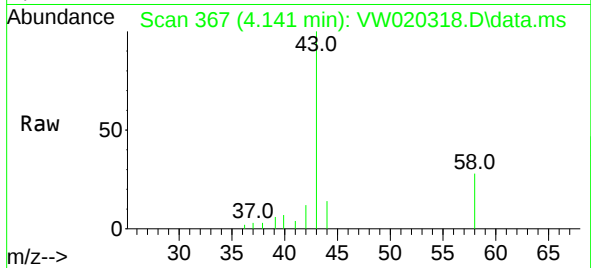
#12
 1,1-Dichloroethene
 Concen: 5.389 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW020318.D
 Acq: 06 Oct 2021 15:48

Tgt Ion: 96 Resp: 20188
 Ion Ratio Lower Upper
 96 100
 61 203.2 133.9 248.7
 63 219.1 77.3 143.7#

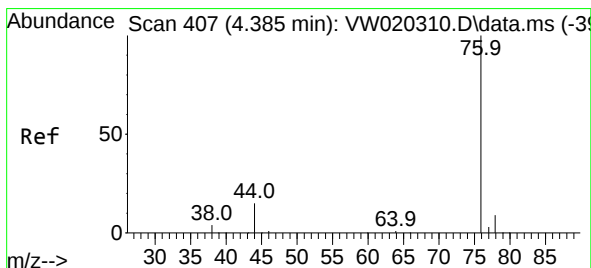
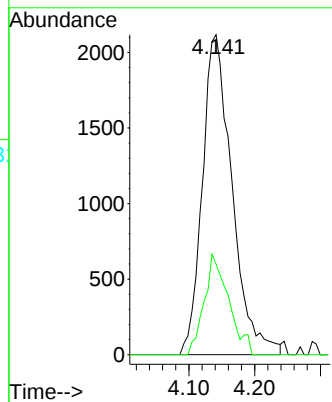
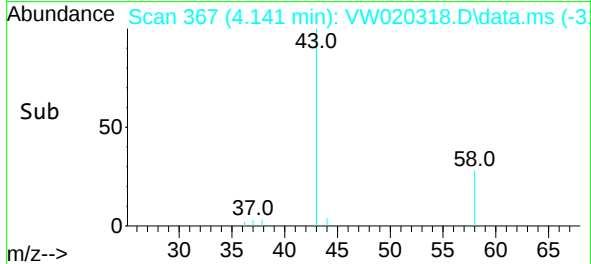




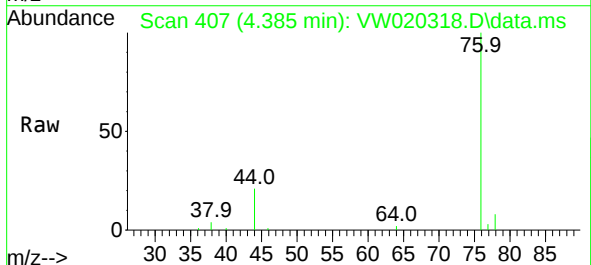
#13
Acetone
Concen: 6.873 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW020318.D
Acq: 06 Oct 2021 15:48



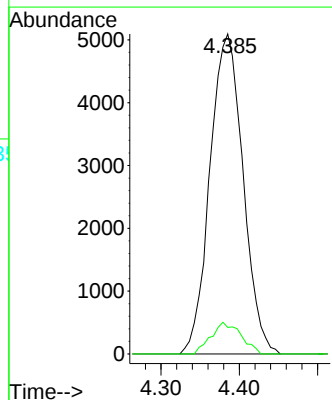
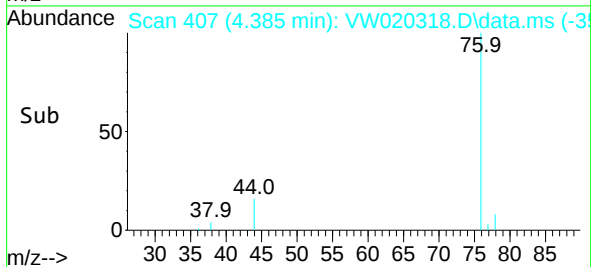
Tgt Ion: 43 Resp: 6660
Ion Ratio Lower Upper
43 100
58 24.4 0.0 58.4



#14
Carbon disulfide
Concen: 1.215 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW020318.D
Acq: 06 Oct 2021 15:48



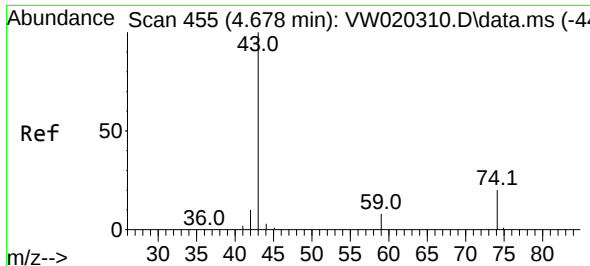
Tgt Ion: 76 Resp: 14964
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



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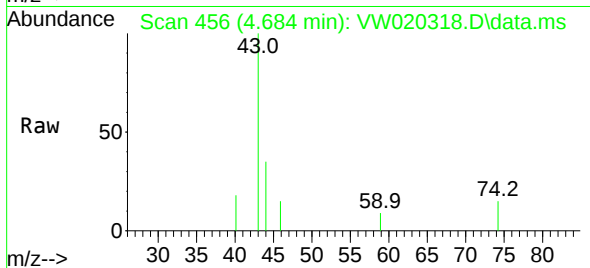
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#15
Methyl Acetate
Concen: 1.073 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020318.D
Acq: 06 Oct 2021 15:48

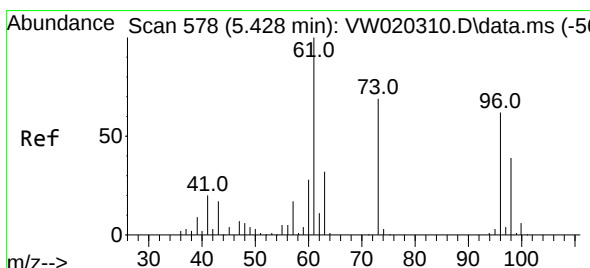
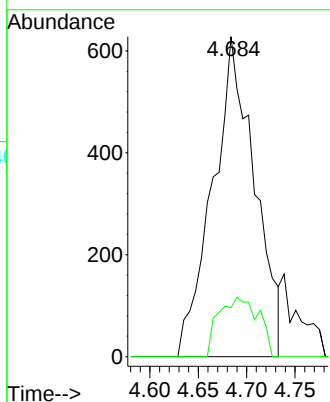
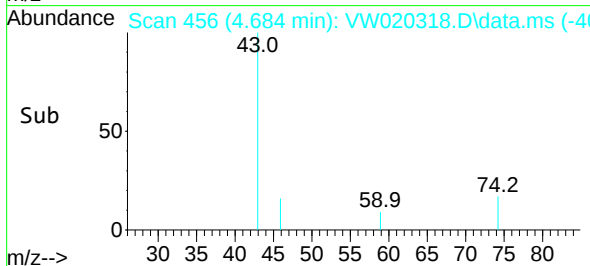
Instrument :
MSVOA_W
ClientSampleId :
EW918



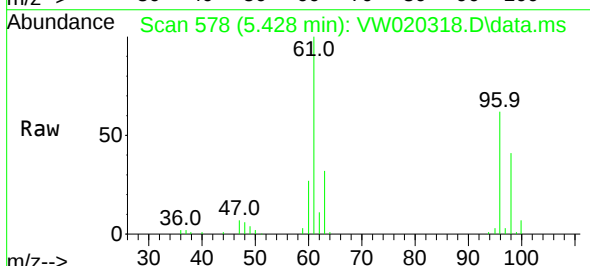
Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
74 17.5 16.1 24.1

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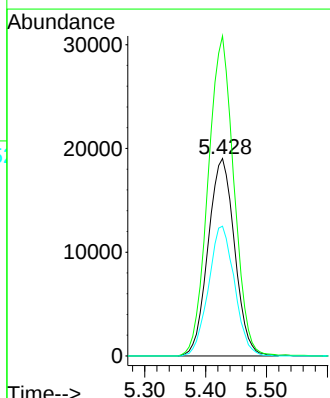
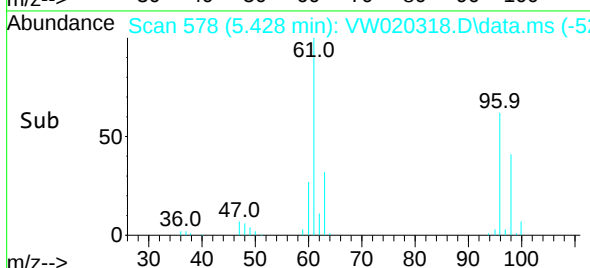
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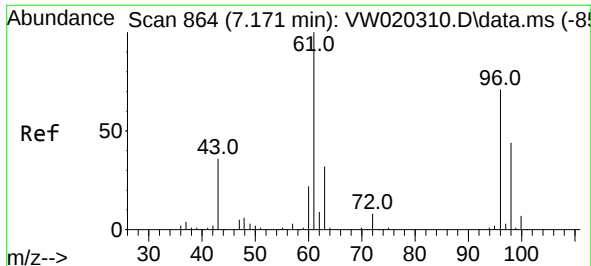


#17
trans-1,2-Dichloroethene
Concen: 14.662 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020318.D
Acq: 06 Oct 2021 15:48



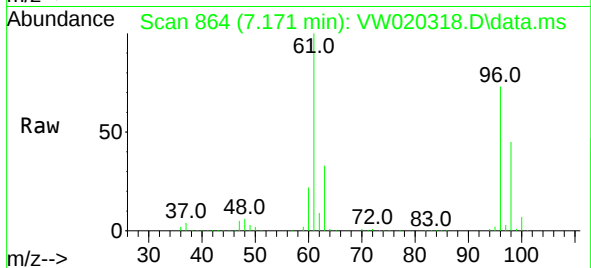
Tgt Ion: 96 Resp: 57500
Ion Ratio Lower Upper
96 100
61 162.1 110.7 205.5
98 65.7 43.9 81.5





#20
cis-1,2-Dichloroethene
Concen: 615.483 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020318.D
Acq: 06 Oct 2021 15:48

Instrument :
MSVOA_W
ClientSampled :
EW918

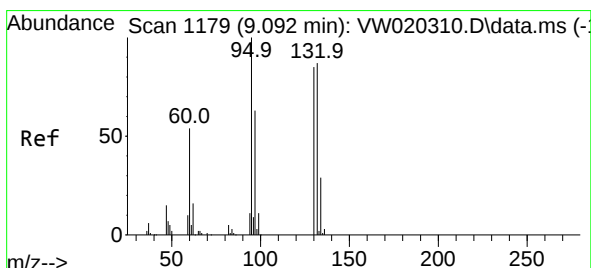
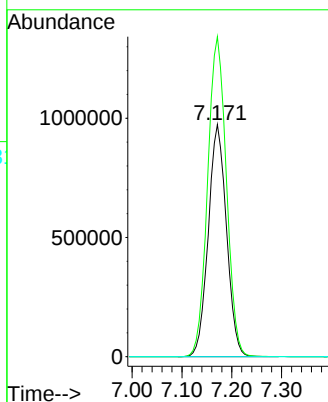
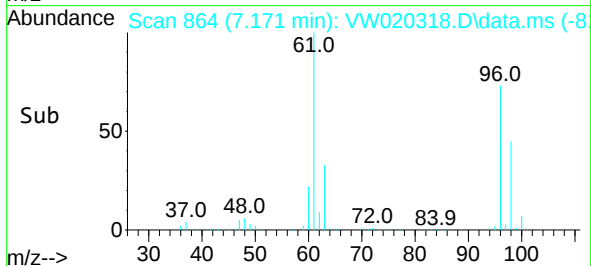


Tgt Ion: 96 Resp: 2468296

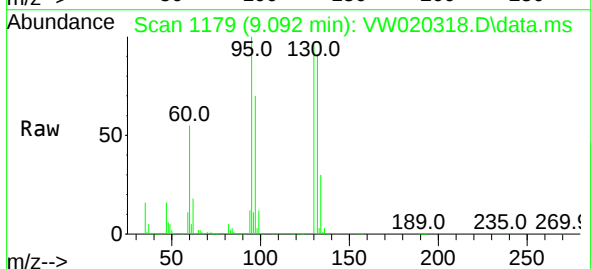
Ion	Ratio	Lower	Upper
96	100		
61	137.8	100.3	186.3
68	0.0	0.0	0.0

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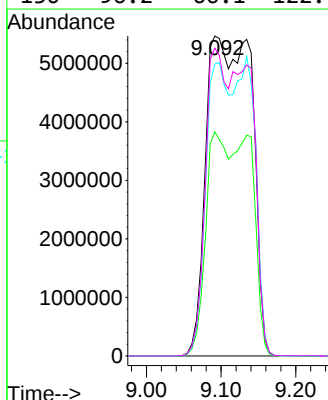
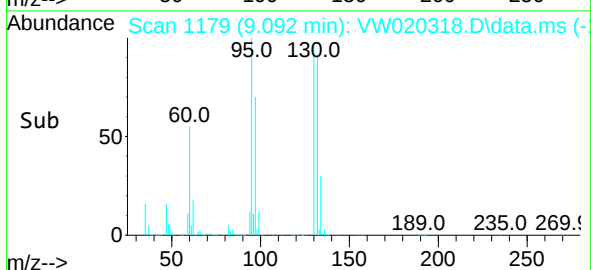


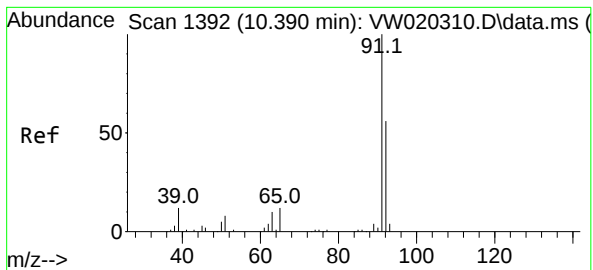
#34
Trichloroethene
Concen: 8875.661 ug/L m
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020318.D
Acq: 06 Oct 2021 15:48



Tgt Ion: 95 Resp: 23122473

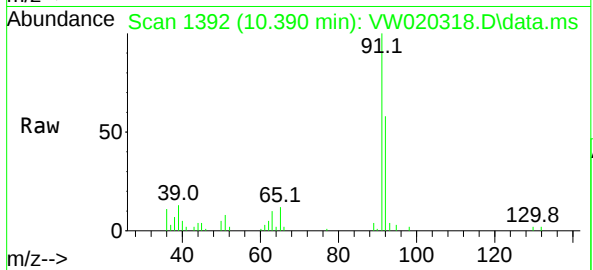
Ion	Ratio	Lower	Upper
95	100		
97	70.0	43.2	80.2
132	91.2	62.3	115.7
130	96.2	66.1	122.7





#42
Toluene
Concen: 0.738 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
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Tgt Ion: 91 Resp: 7857
Ion Ratio Lower Upper
91 100
92 58.0 41.5 77.1

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