

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020252.D
 Acq On : 30 Sep 2021 00:42
 Operator : SY/VA
 Sample : M3974-06
 Misc : 6.87g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Z0

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 3:19:00 PM

Quant Time: Sep 30 02:12:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 30 02:06:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	309754	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	212607	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76452	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	103470	16.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.320%
7) Chloroethane-d5	2.897	69	96926	20.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	4.025	63	109036	10.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.960%#
21) 2-Butanone-d5	7.080	46	31389	32.100	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.200%
24) Chloroform-d	7.653	84	167824	17.228	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.920%
26) 1,2-Dichloroethane-d4	8.311	65	99330	18.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.800%
32) Benzene-d6	8.275	84	358952	26.464	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.840%
36) 1,2-Dichloropropane-d6	9.274	67	91418	23.288	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	10.323	98	303503	24.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.360%
43) trans-1,3-Dichloroprop...	10.579	79	35032	20.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.520%
47) 2-Hexanone-d5	10.927	63	23505	43.268	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	62290	20.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	60917	21.250	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	462901	78.579	ug/L	96
13) Acetone	4.123	43	4230m	5.051	ug/L	
20) cis-1,2-Dichloroethene	7.177	96	222110	50.467	ug/L	91
34) Trichloroethene	9.098	95	4921	1.433	ug/L	94

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

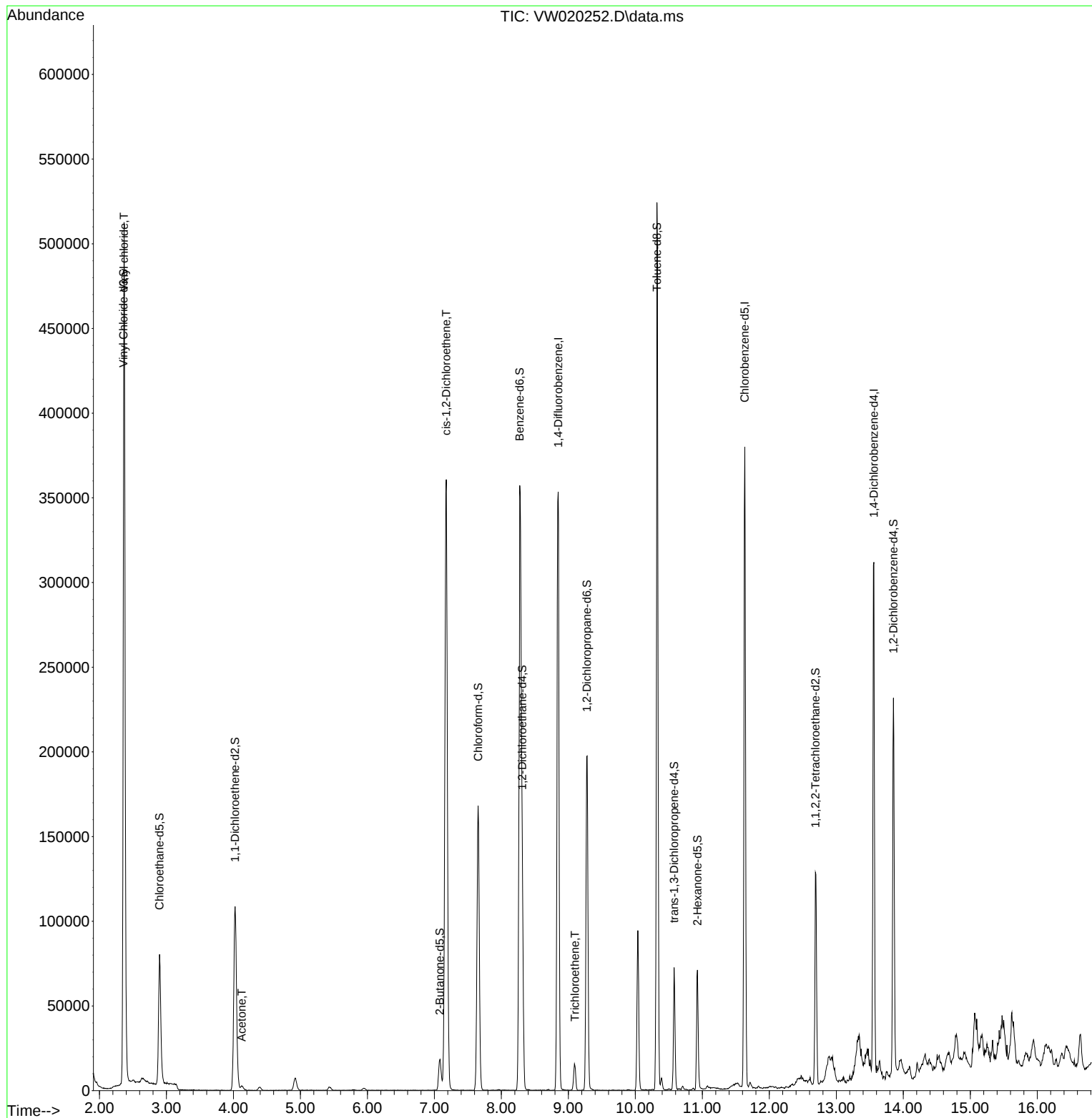
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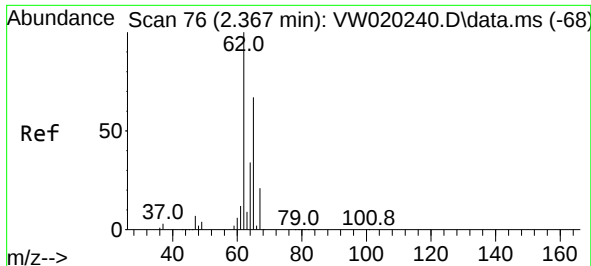
Instrument :
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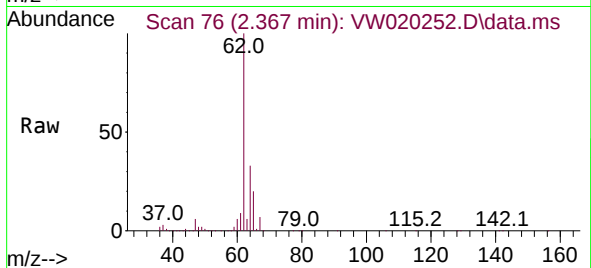
Quant Time: Sep 30 02:12:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 30 02:06:51 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 78.579 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW020252.D
 Acq: 30 Sep 2021 00:42

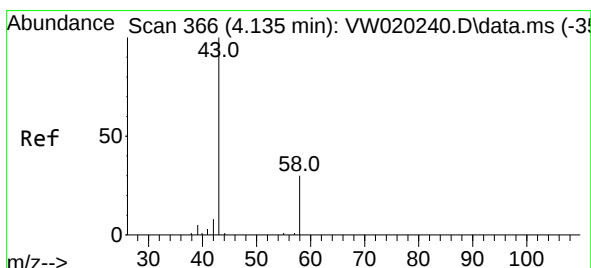
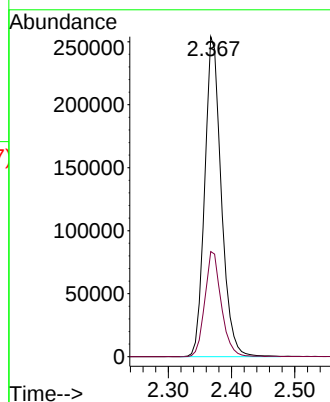
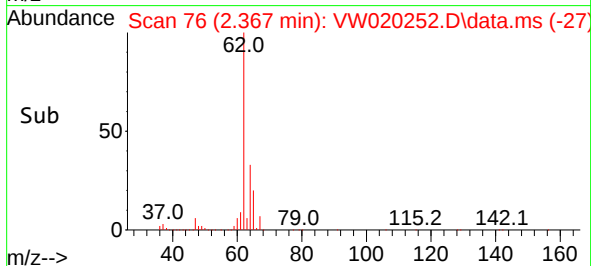
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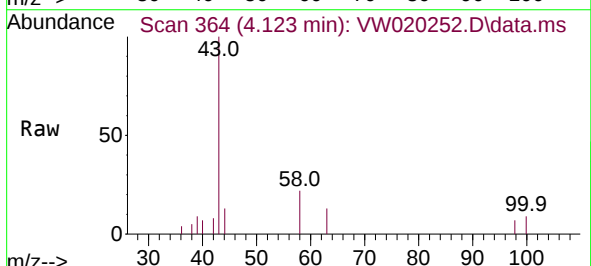
Tgt Ion: 62 Resp: 462901
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.5 45.5

Manual Integrations
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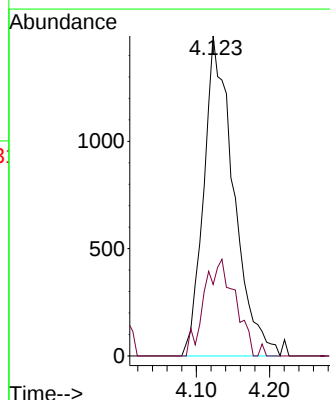
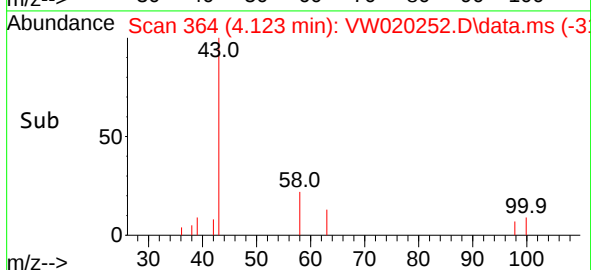
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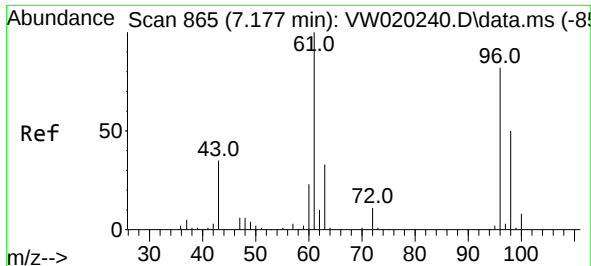


#13
 Acetone
 Concen: 5.051 ug/L m
 RT: 4.123 min Scan# 364
 Delta R.T. -0.012 min
 Lab File: VW020252.D
 Acq: 30 Sep 2021 00:42

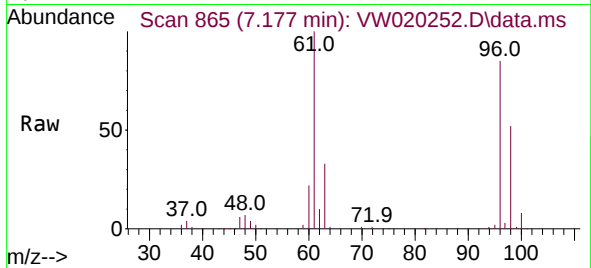


Tgt Ion: 43 Resp: 4230
 Ion Ratio Lower Upper
 43 100
 58 8.3 0.0 61.6

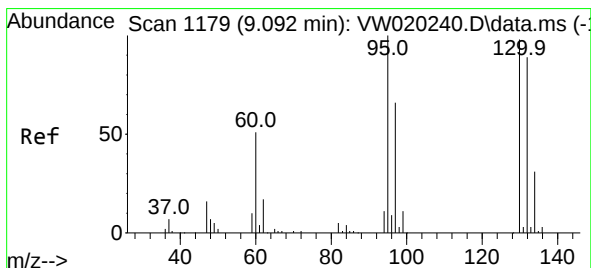
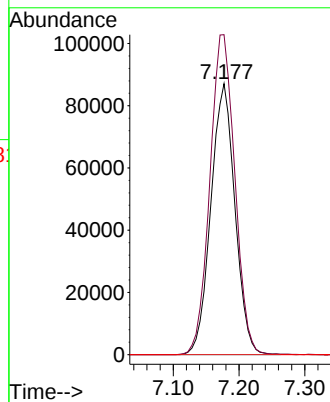
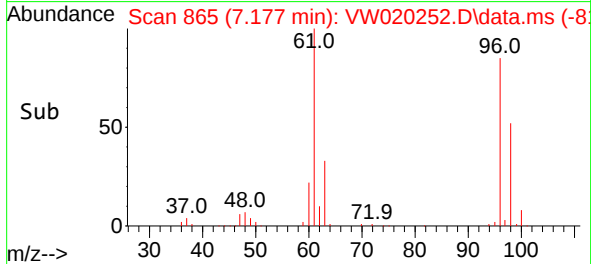




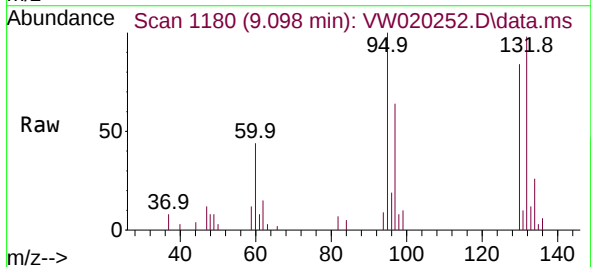
#20
cis-1,2-Dichloroethene
Concen: 50.467 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020252.D
Acq: 30 Sep 2021 00:42



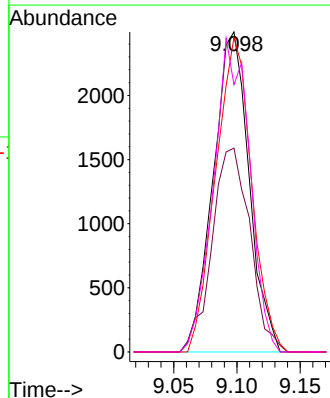
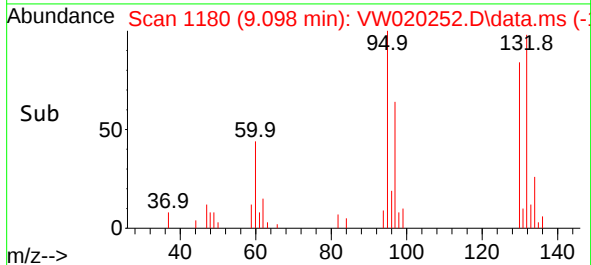
Tgt Ion: 96 Resp: 222110
Ion Ratio Lower Upper
96 100
61 118.1 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.433 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020252.D
Acq: 30 Sep 2021 00:42



Tgt Ion: 95 Resp: 4921
Ion Ratio Lower Upper
95 100
97 63.7 45.1 83.7
132 98.2 67.9 126.1
130 83.6 69.1 128.3



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