

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101321\
 Data File : VW020459.D
 Acq On : 13 Oct 2021 14:38
 Operator : SY/VA
 Sample : M4181-01
 Misc : 4.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ1

Quant Time: Oct 14 01:02:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 14 00:58:33 2021
 Response via : Initial Calibration

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

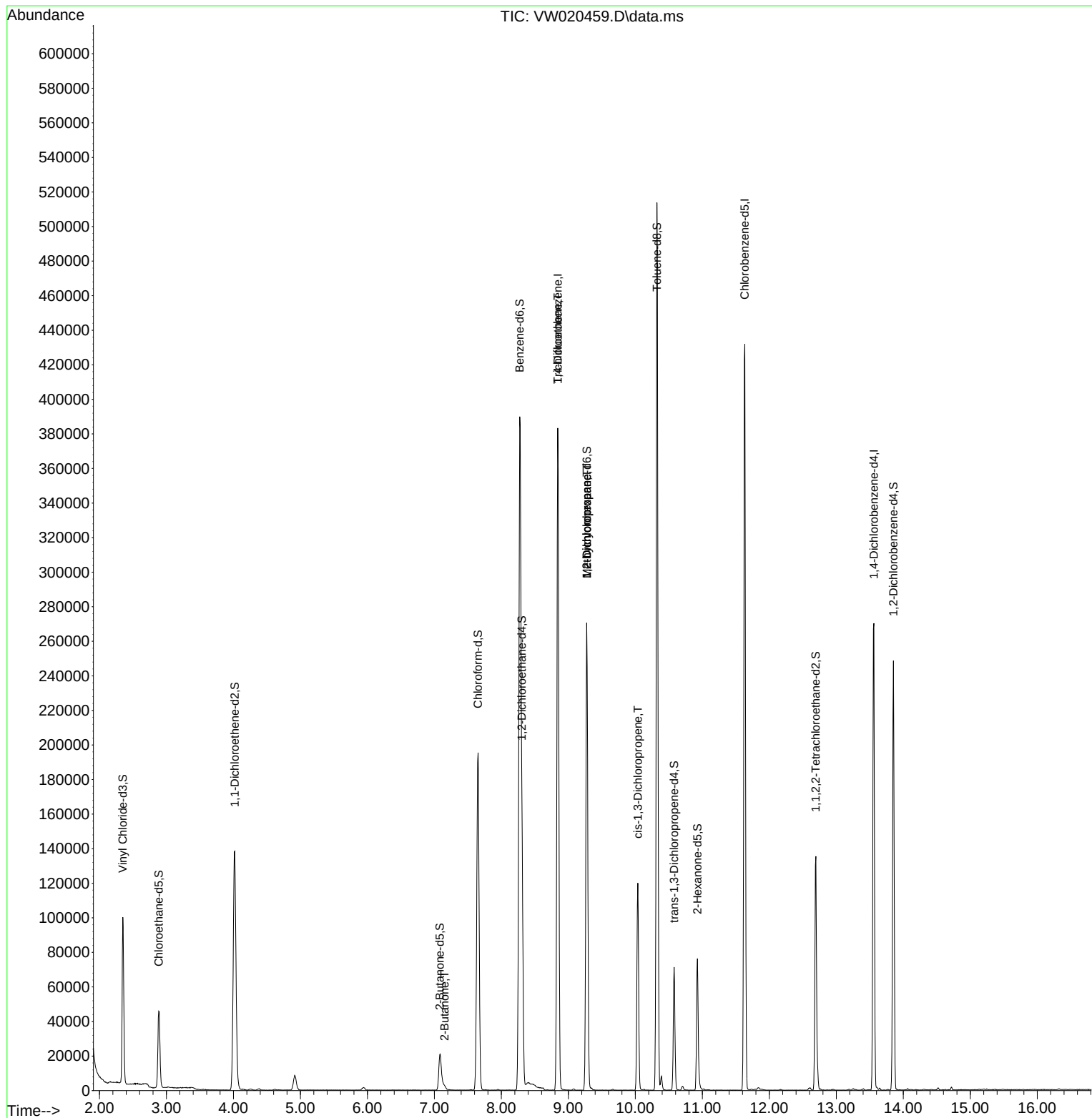
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	294675	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	225263	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	66721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	95429	22.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.040%
7) Chloroethane-d5	2.885	69	50348	22.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.920%
11) 1,1-Dichloroethene-d2	4.019	63	143324	16.313	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.240%
21) 2-Butanone-d5	7.080	46	36703	28.126	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.260%
24) Chloroform-d	7.653	84	198088	21.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.360%
26) 1,2-Dichloroethane-d4	8.305	65	102199	19.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	8.275	84	382724	25.829	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.320%
36) 1,2-Dichloropropane-d6	9.274	67	121643	25.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.760%
41) Toluene-d8	10.323	98	317400	23.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	10.579	79	37498	19.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.440%
47) 2-Hexanone-d5	10.926	63	23942	32.228	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.460%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	67305	18.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	60353	23.124	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.480%
Target Compounds						Qvalue
22) 2-Butanone	7.153	43	4471	2.981	ug/L #	51
34) Trichloroethene	8.841	95	9364	2.369	ug/L #	8
35) Methylcyclohexane	9.274	83	28569	4.223	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	14062	3.384	ug/L #	87
39) cis-1,3-Dichloropropene	10.036	75	2938	0.513	ug/L #	67

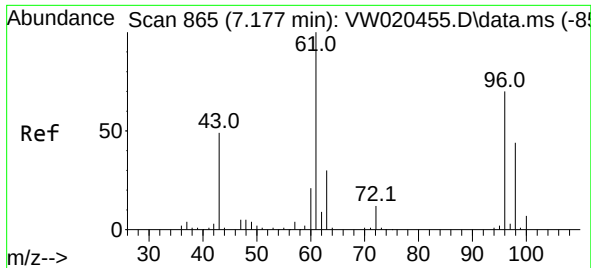
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Oct 14 00:58:33 2021
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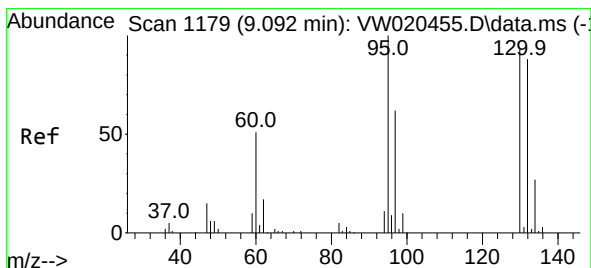
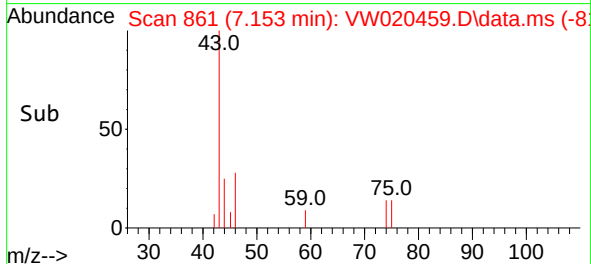
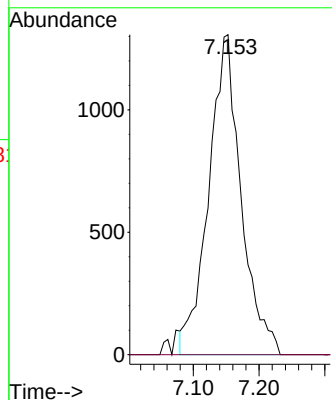
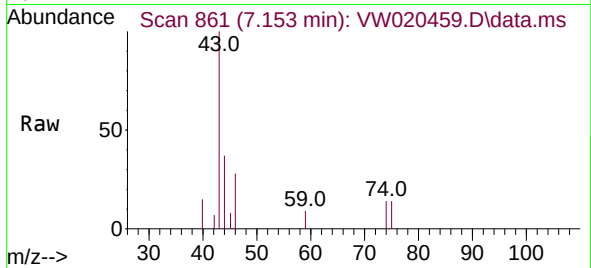




#22
2-Butanone
Concen: 2.981 ug/L
RT: 7.153 min Scan# 861
Delta R.T. -0.025 min
Lab File: VW020459.D
Acq: 13 Oct 2021 14:38

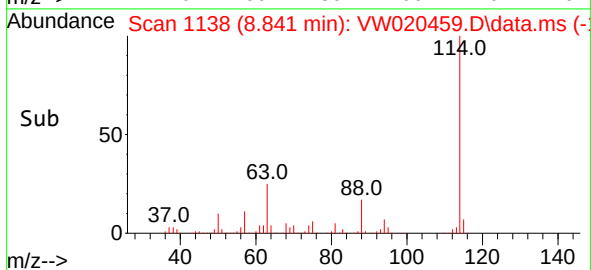
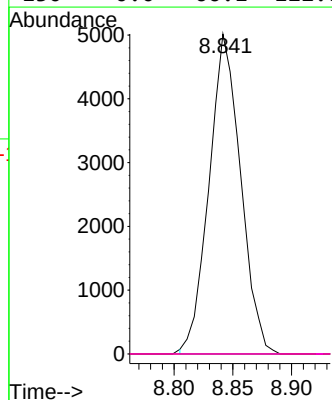
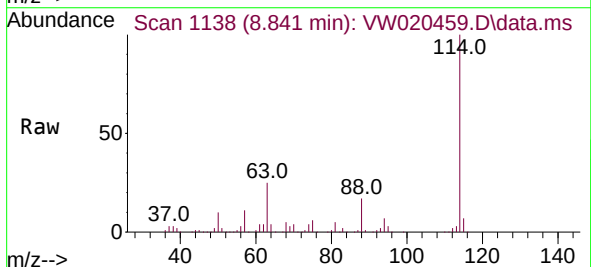
Instrument :
MSVOA_W
ClientSampled :
C0AZ1

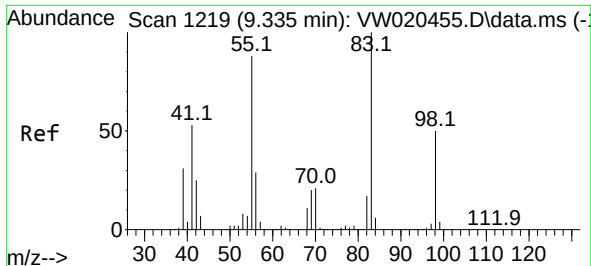
Tgt Ion: 43 Resp: 4471
Ion Ratio Lower Upper
43 100
72 0.0 12.2 36.6#



#34
Trichloroethene
Concen: 2.369 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW020459.D
Acq: 13 Oct 2021 14:38

Tgt Ion: 95 Resp: 9364
Ion Ratio Lower Upper
95 100
97 0.0 43.2 80.2#
132 0.0 62.3 115.7#
130 0.0 66.1 122.7#

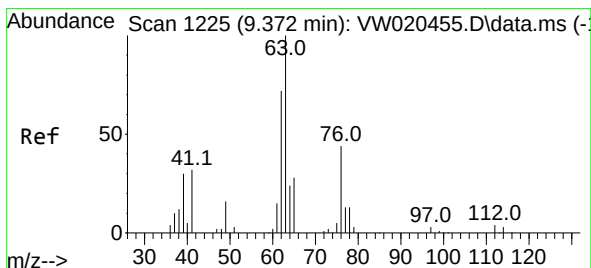
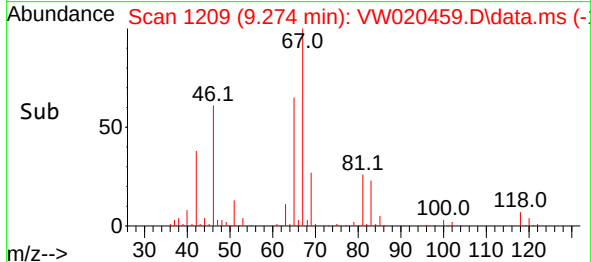
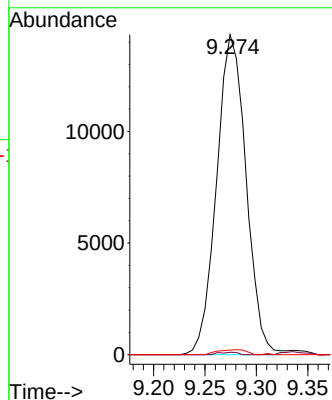
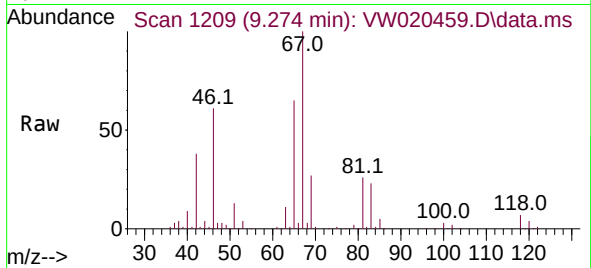




#35
Methylcyclohexane
Concen: 4.223 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020459.D
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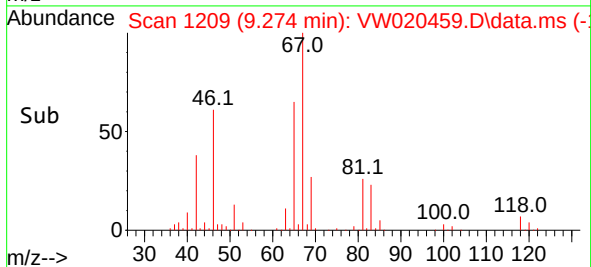
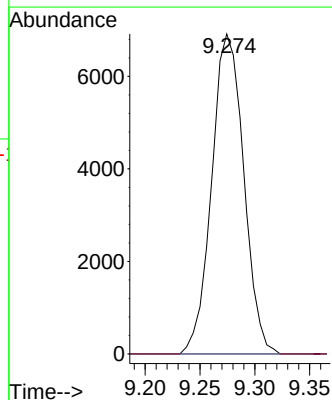
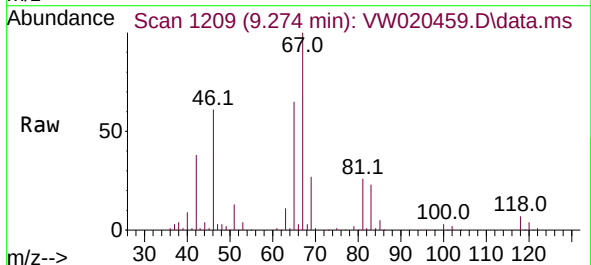
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C0AZ1

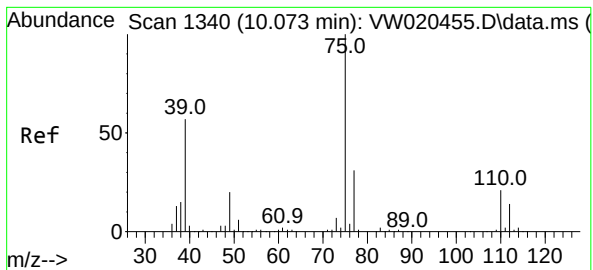
Tgt Ion: 83 Resp: 28569
Ion Ratio Lower Upper
83 100
55 0.5 69.7 104.5#
98 1.5 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 3.384 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020459.D
Acq: 13 Oct 2021 14:38

Tgt Ion: 63 Resp: 14062
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39
 cis-1,3-Dichloropropene
 Concen: 0.513 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW020459.D
 Acq: 13 Oct 2021 14:38

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ1

Tgt Ion: 75 Resp: 2938
 Ion Ratio Lower Upper
 75 100
 77 50.3 22.4 41.6#

