

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020612.D
 Acq On : 19 Oct 2021 16:19
 Operator : SY/VA
 Sample : M4212-17RE
 Misc : 3.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 01:40:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 20 01:35:36 2021
 Response via : Initial Calibration

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

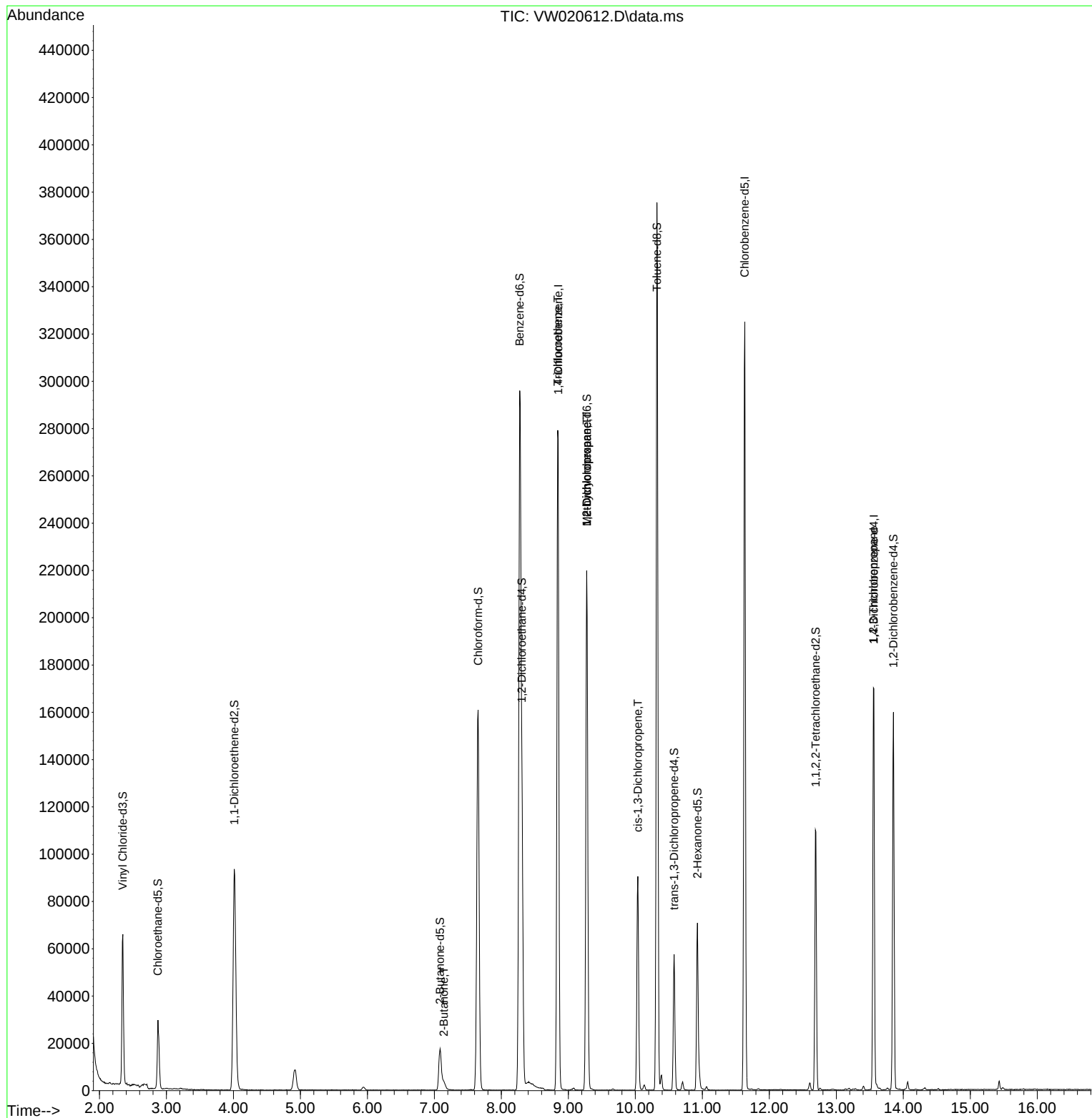
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	217411	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	167071	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	41050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	60877	19.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.960%
7) Chloroethane-d5	2.873	69	28221	16.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.560%
11) 1,1-Dichloroethene-d2	4.013	63	96101	14.825	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.320%
21) 2-Butanone-d5	7.086	46	30465	31.643	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.280%
24) Chloroform-d	7.653	84	158836	22.919	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.680%
26) 1,2-Dichloroethane-d4	8.305	65	86027	21.734	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.920%
32) Benzene-d6	8.275	84	285794	26.006	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.040%
36) 1,2-Dichloropropane-d6	9.274	67	97349	27.180	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.720%
41) Toluene-d8	10.323	98	227607	23.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.320%
43) trans-1,3-Dichloroprop...	10.579	79	29857	20.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.040%
47) 2-Hexanone-d5	10.927	63	21050	38.204	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.400%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	56279	20.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	38185	23.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
22) 2-Butanone	7.141	43	4135	3.737	ug/L #	51
34) Trichloroethene	8.842	95	6748	2.302	ug/L #	8
35) Methylcyclohexane	9.274	83	23009	4.586	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	11632	3.775	ug/L #	87
39) cis-1,3-Dichloropropene	10.036	75	2368	0.557	ug/L #	77
61) 1,2,3-Trichloropropane	13.554	75	5806	6.420	ug/L #	66

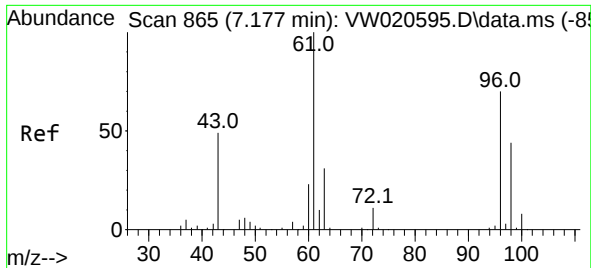
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Oct 20 01:35:36 2021
Response via : Initial Calibration

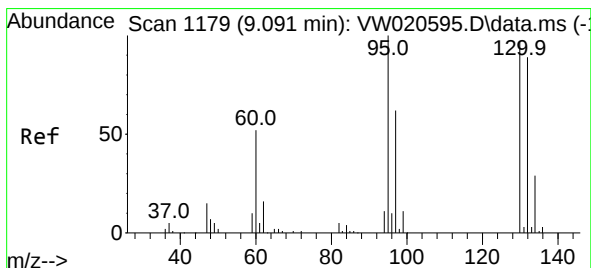
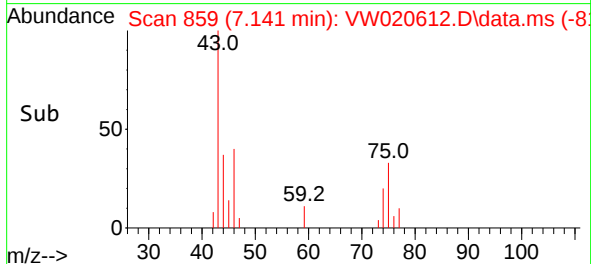
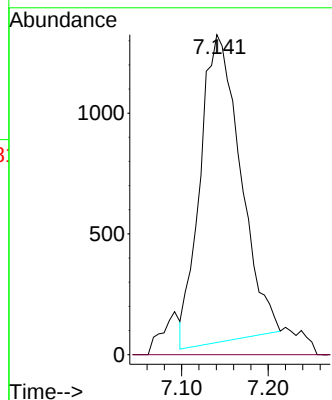
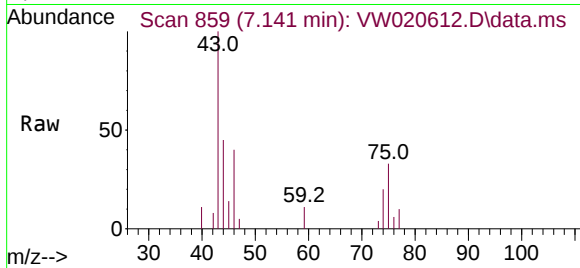




#22
2-Butanone
Concen: 3.737 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.037 min
Lab File: VW020612.D
Acq: 19 Oct 2021 16:19

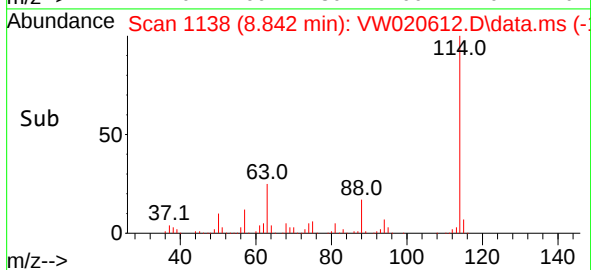
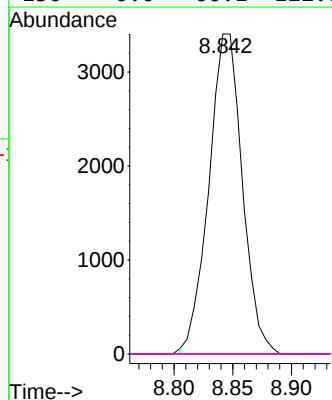
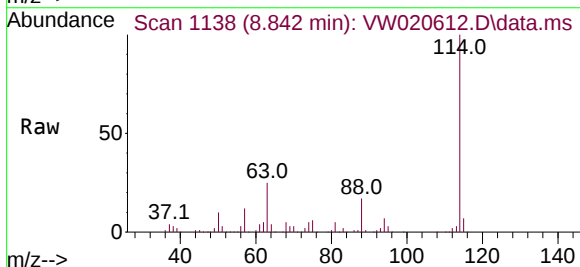
Instrument :
MSVOA_W
ClientSampled :

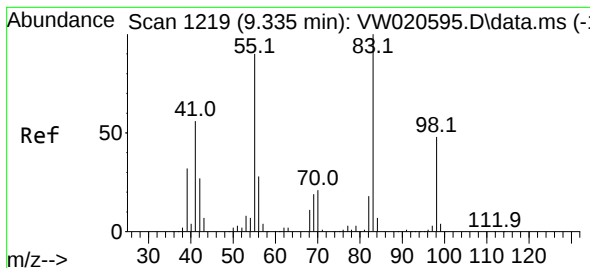
Tgt Ion: 43 Resp: 4135
Ion Ratio Lower Upper
43 100
72 0.0 12.2 36.6#



#34
Trichloroethene
Concen: 2.302 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW020612.D
Acq: 19 Oct 2021 16:19

Tgt Ion: 95 Resp: 6748
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#

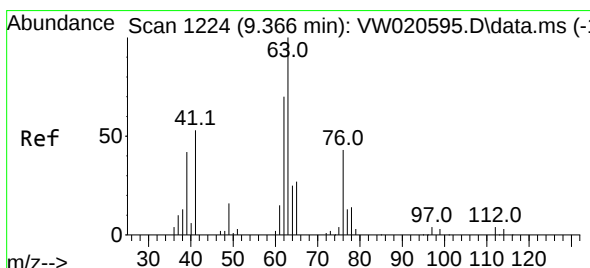
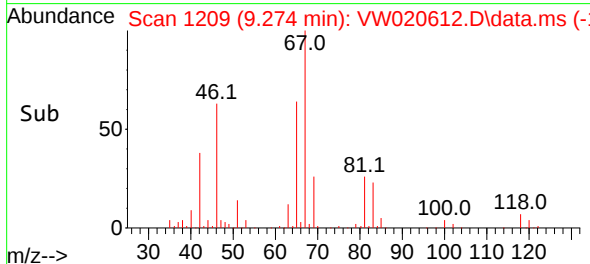
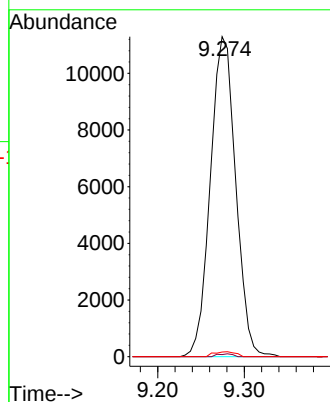
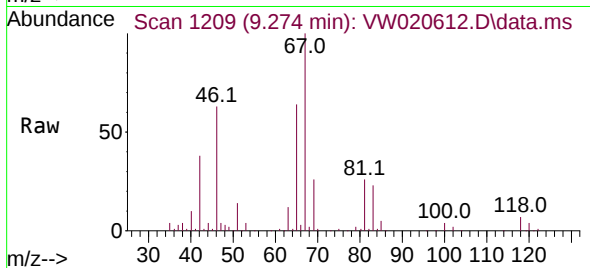




#35
Methylcyclohexane
Concen: 4.586 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020612.D
Acq: 19 Oct 2021 16:19

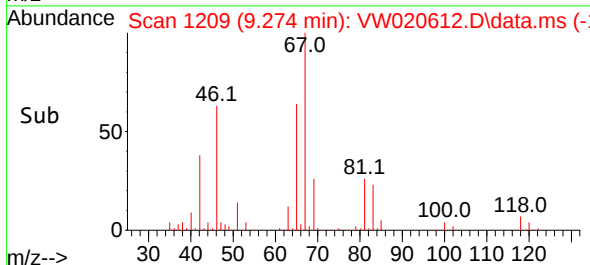
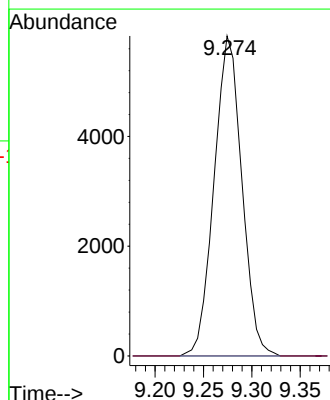
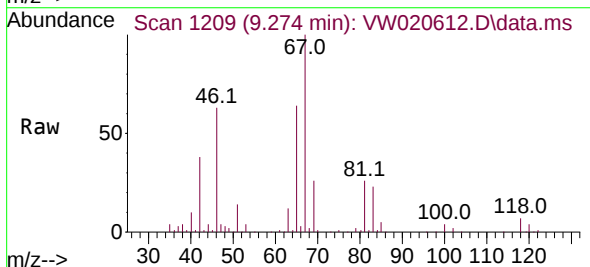
Instrument :
MSVOA_W
ClientSampled :

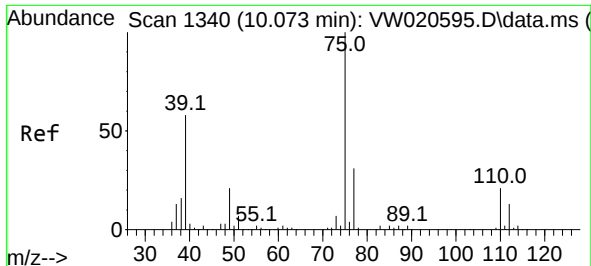
Tgt Ion: 83 Resp: 23009
Ion Ratio Lower Upper
83 100
55 0.5 69.7 104.5#
98 1.3 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 3.775 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW020612.D
Acq: 19 Oct 2021 16:19

Tgt Ion: 63 Resp: 11632
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

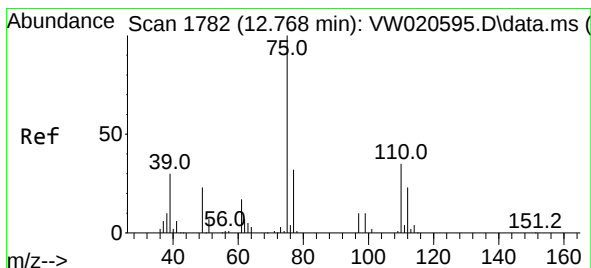
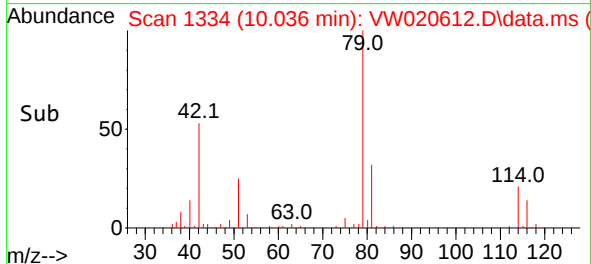
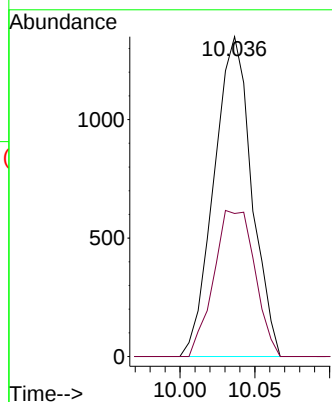
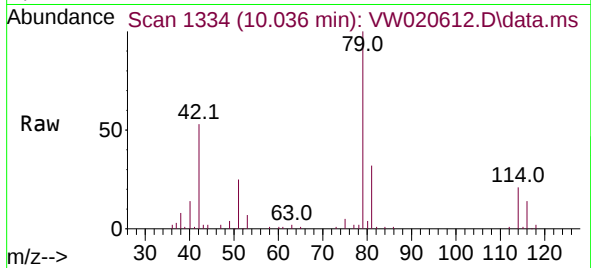




#39
cis-1,3-Dichloropropene
Concen: 0.557 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020612.D
Acq: 19 Oct 2021 16:19

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 2368
Ion Ratio Lower Upper
75 100
77 44.7 22.4 41.6#



#61
1,2,3-Trichloropropane
Concen: 6.420 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW020612.D
Acq: 19 Oct 2021 16:19

Tgt Ion: 75 Resp: 5806
Ion Ratio Lower Upper
75 100
77 34.6 25.1 37.7
110 2.2 29.4 44.0#

