Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020330.D
Acq On : 06 Oct 2021 22:11
Operator : SY/VA
Sample : M4000-03
Misc : 7.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Oct 07 01:56:09 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	169432	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	132692	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	39445	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37466	16.044	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.160%			
7) Chloroethane-d5	2.879	69	21555	21.303	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.200%			
11) 1,1-Dichloroethene-d2	4.013	63	61016	12.688	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.760%			
21) 2-Butanone-d5	7.086	46	25953	43.751	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.500%			
24) Chloroform-d	7.653	84	131605	27.051	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.200%			
26) 1,2-Dichloroethane-d4	8.311	65	87595	32.900	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 131.600%#			
32) Benzene-d6	8.274	84	222476	27.692	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.760%			
36) 1,2-Dichloropropane-d6	9.274	67	84138	33.017	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 132.080%#			
41) Toluene-d8	10.323	98	154091	21.176	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.720%			
43) trans-1,3-Dichloroprop...	10.579	79	26537	25.594	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.360%			
47) 2-Hexanone-d5	10.926	63	8855	25.141	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 50.280%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	54121	30.430	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.720%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	34183	24.748	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.000%			
Target Compounds						Qvalue
13) Acetone	4.141	43	2506	4.109	ug/L	94
15) Methyl Acetate	4.690	43	1558	1.398	ug/L #	88
16) Methylene chloride	4.915	84	8462	2.797	ug/L	95
20) cis-1,2-Dichloroethene	7.183	96	2237	0.886	ug/L	80
33) Benzene	8.384	78	7067	0.766	ug/L	100
34) Trichloroethene	9.091	95	29050	12.797	ug/L	96
35) Methylcyclohexane	9.274	83	19742	4.986	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	9805	4.265	ug/L #	87
39) cis-1,3-Dichloropropene	10.030	75	1904	0.586	ug/L #	80
42) Toluene	10.390	91	3615	0.390	ug/L	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 01:49:38 2021
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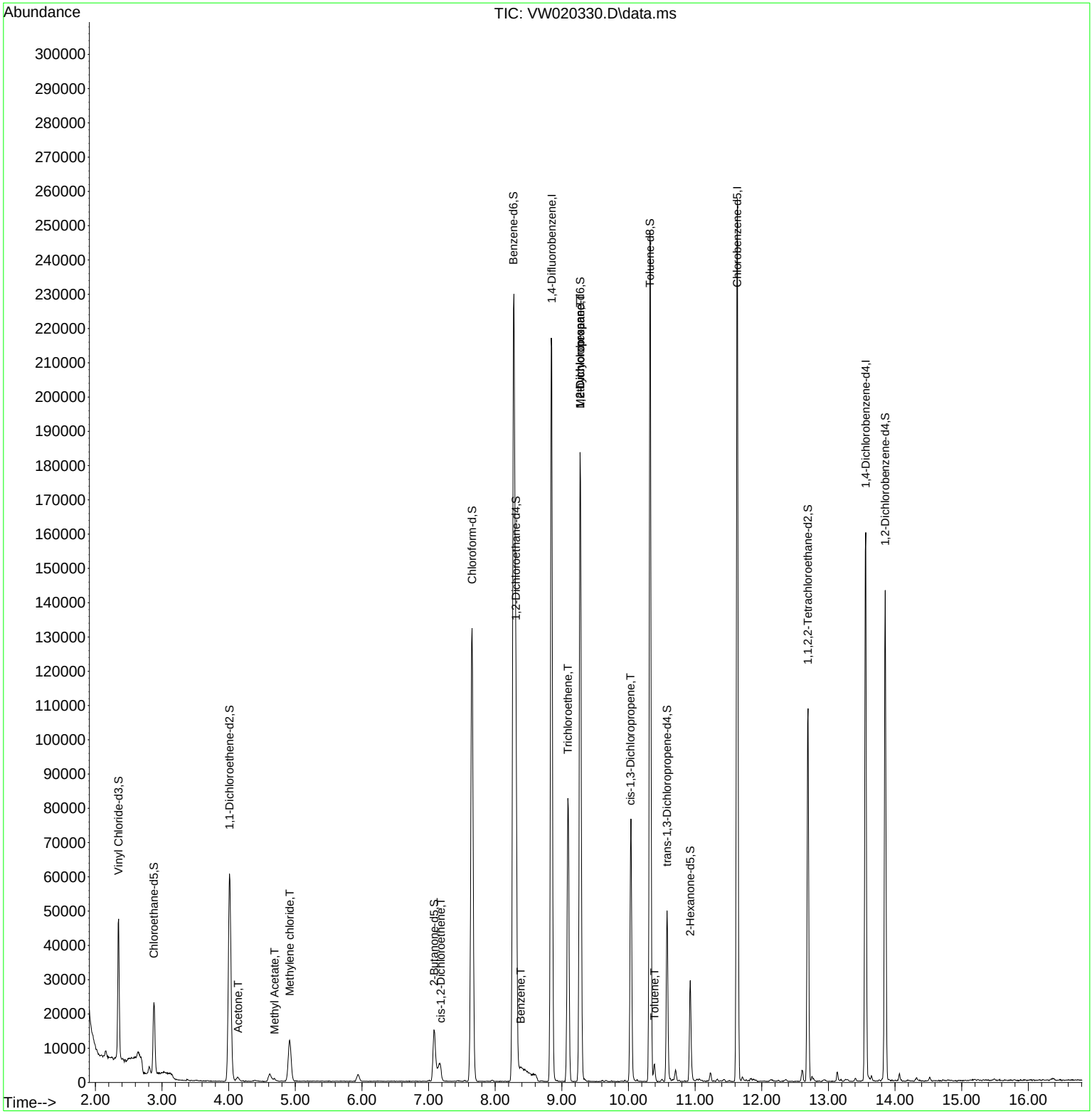

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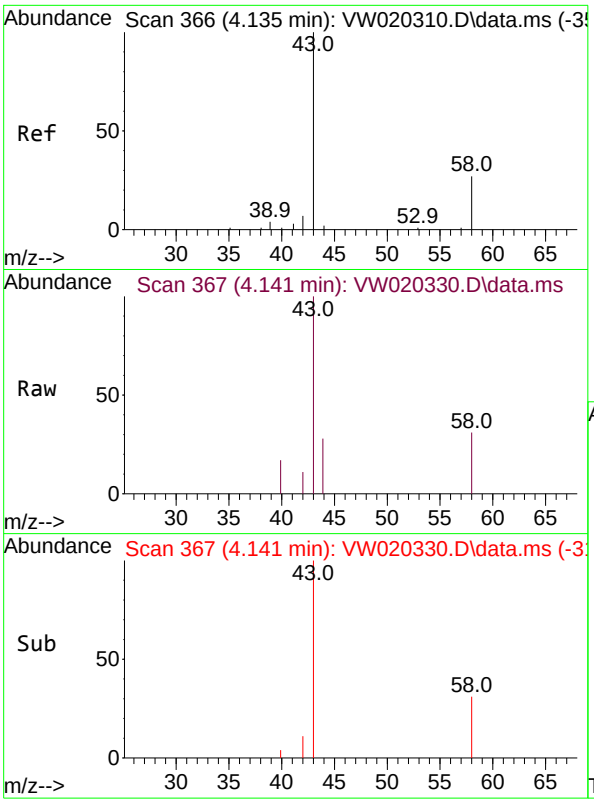
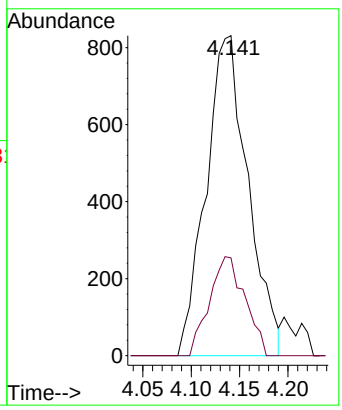
MSVOA_W
ClientSampleId :

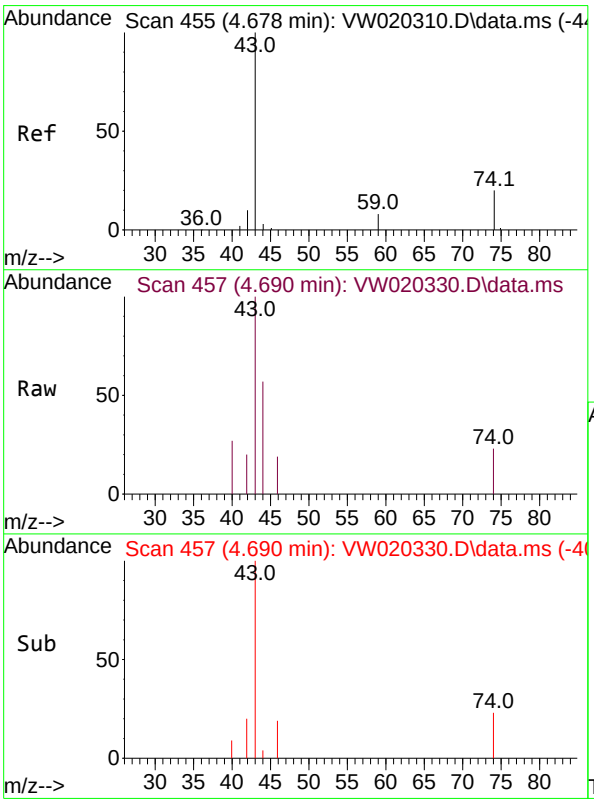


#13
Acetone
Concen: 4.109 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 43 Resp: 2506

Ion	Ratio	Lower	Upper
43	100		
58	26.2	0.0	58.4

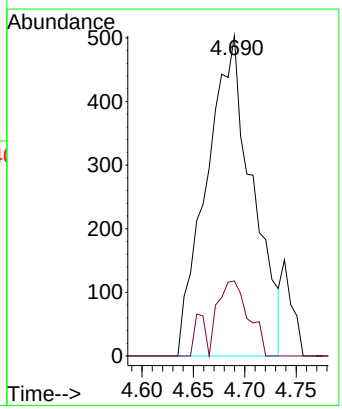


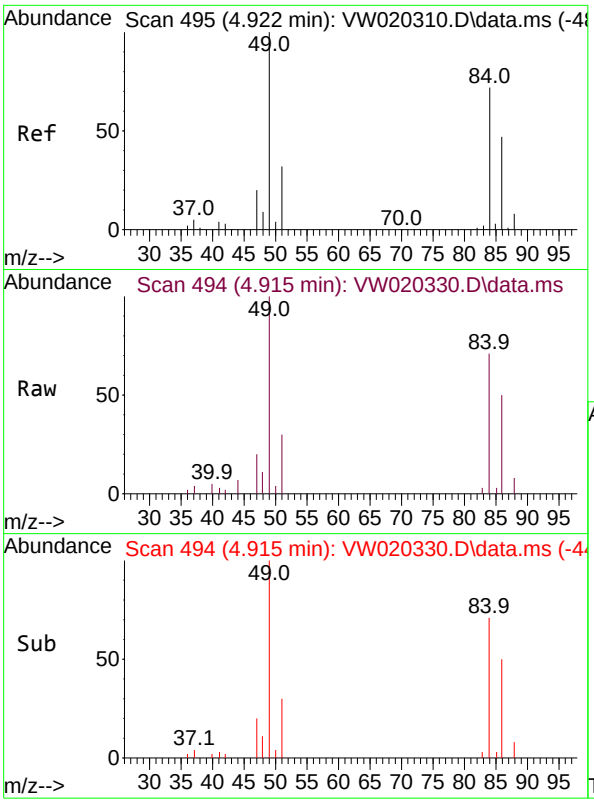


#15
Methyl Acetate
Concen: 1.398 ug/L
RT: 4.690 min Scan# 457
Delta R.T. 0.012 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 43 Resp: 1558

Ion	Ratio	Lower	Upper
43	100		
74	14.4	16.1	24.1#

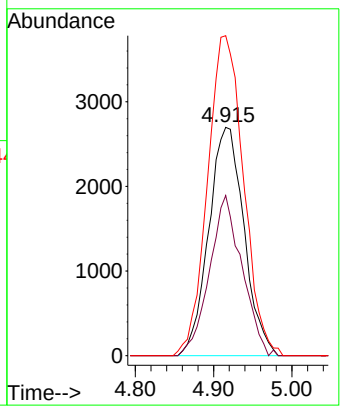




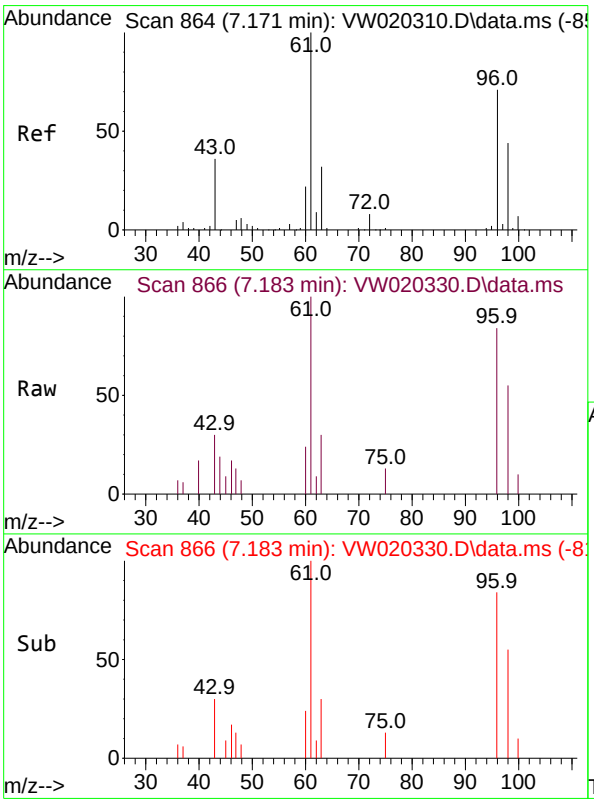
#16
Methylene chloride
Concen: 2.797 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 84 Resp: 8462

Ion	Ratio	Lower	Upper
84	100		
86	70.2	44.7	83.1
49	140.1	101.7	188.9



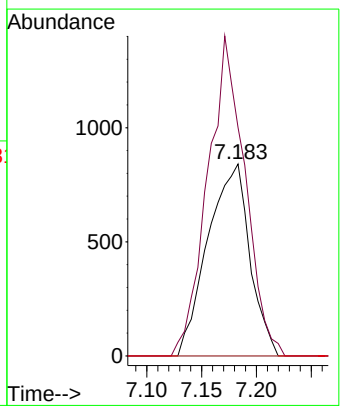
Instrument :
MSVOA_W
ClientSampleId :



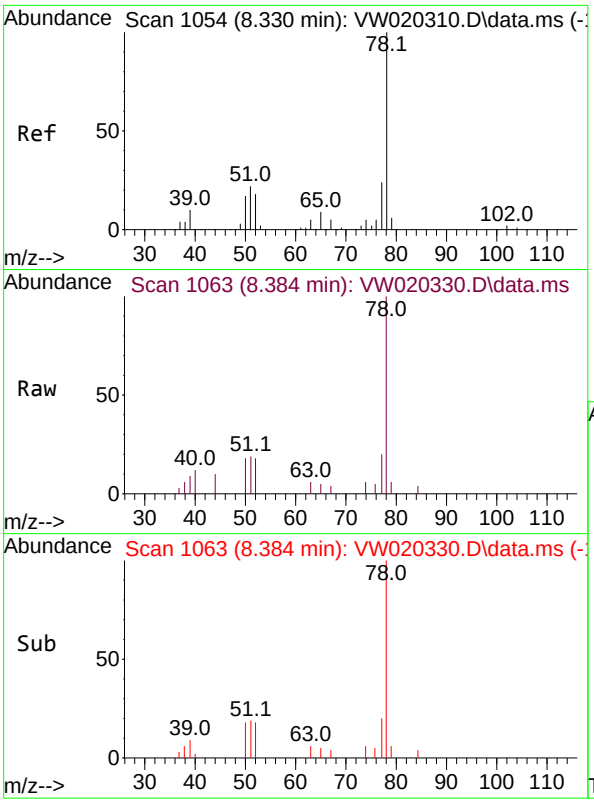
#20
cis-1,2-Dichloroethene
Concen: 0.886 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 96 Resp: 2237

Ion	Ratio	Lower	Upper
96	100		
61	119.0	100.3	186.3
68	0.0	0.0	0.0

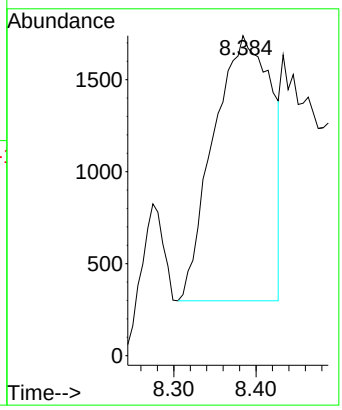


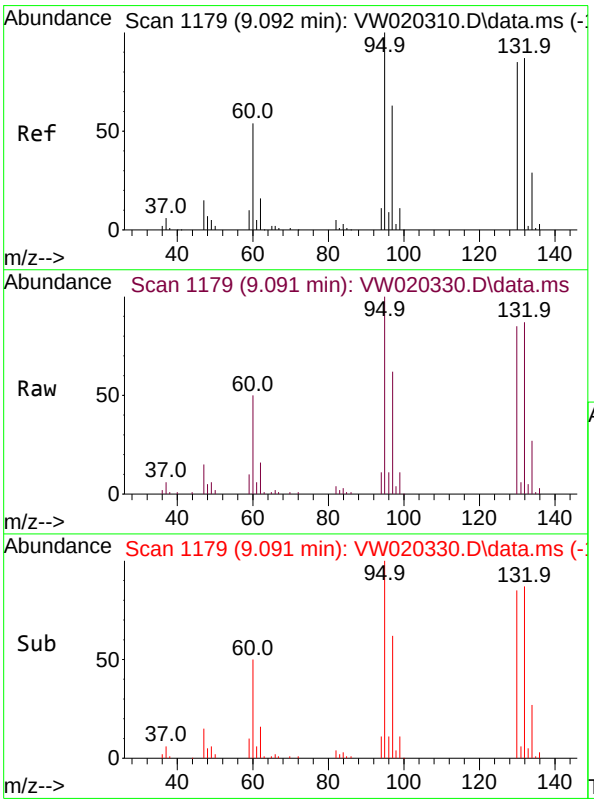
Instrument :
MSVOA_W
ClientSampleId :



#33
Benzene
Concen: 0.766 ug/L
RT: 8.384 min Scan# 1063
Delta R.T. 0.055 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 78 Resp: 7067

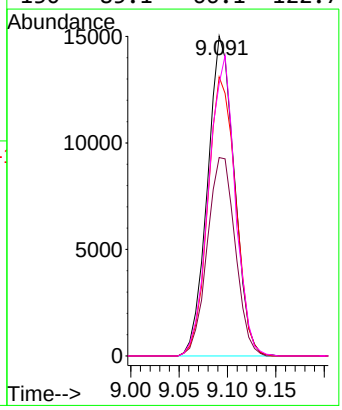




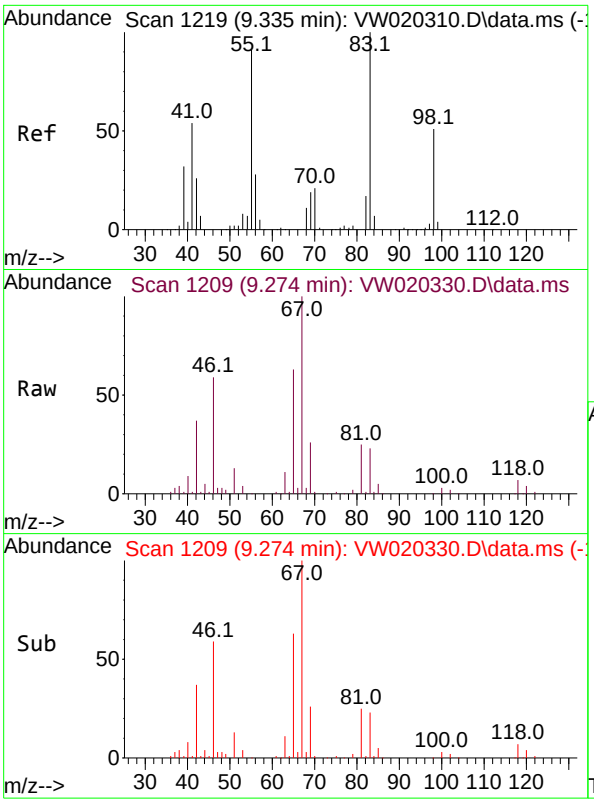
#34
Trichloroethene
Concen: 12.797 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 95 Resp: 29050

Ion	Ratio	Lower	Upper
95	100		
97	62.0	43.2	80.2
132	87.2	62.3	115.7
130	85.1	66.1	122.7



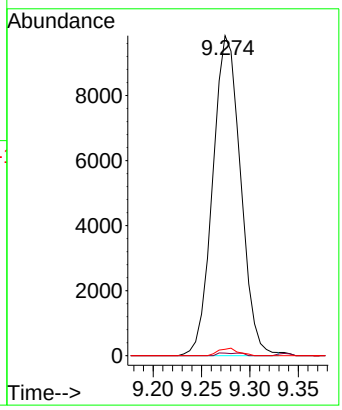
Instrument :
MSVOA_W
ClientSampleId :

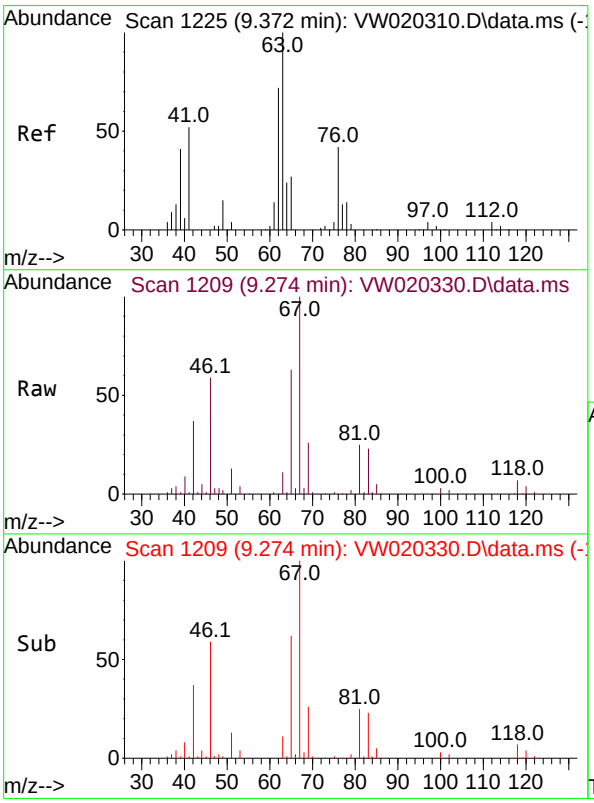


#35
Methylcyclohexane
Concen: 4.986 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 83 Resp: 19742

Ion	Ratio	Lower	Upper
83	100		
55	0.4	69.7	104.5#
98	0.0	38.2	57.2#

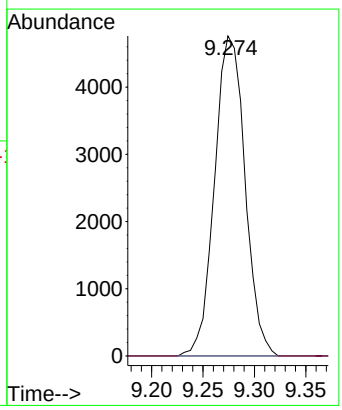




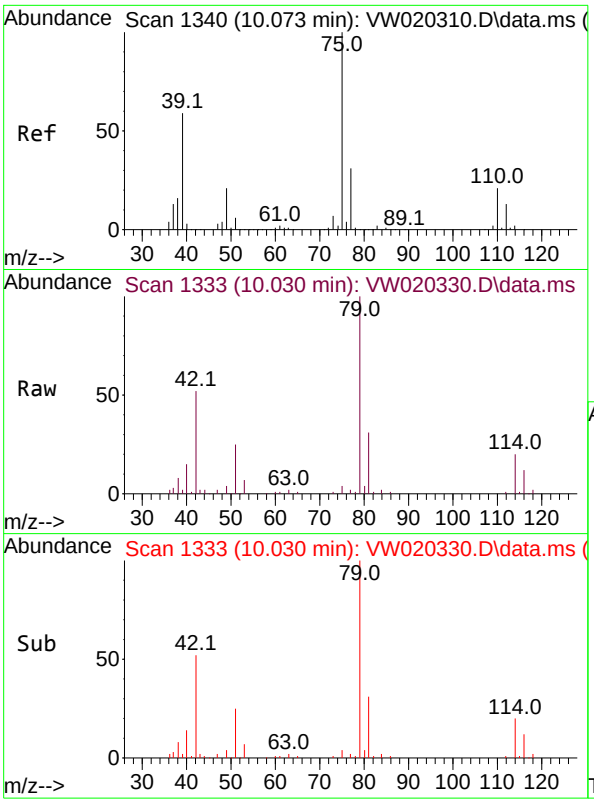
#37
1,2-Dichloropropane
Concen: 4.265 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 63 Resp: 9805

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



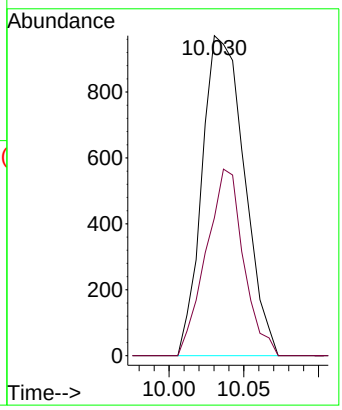
Instrument :
MSVOA_W
ClientSampleId :

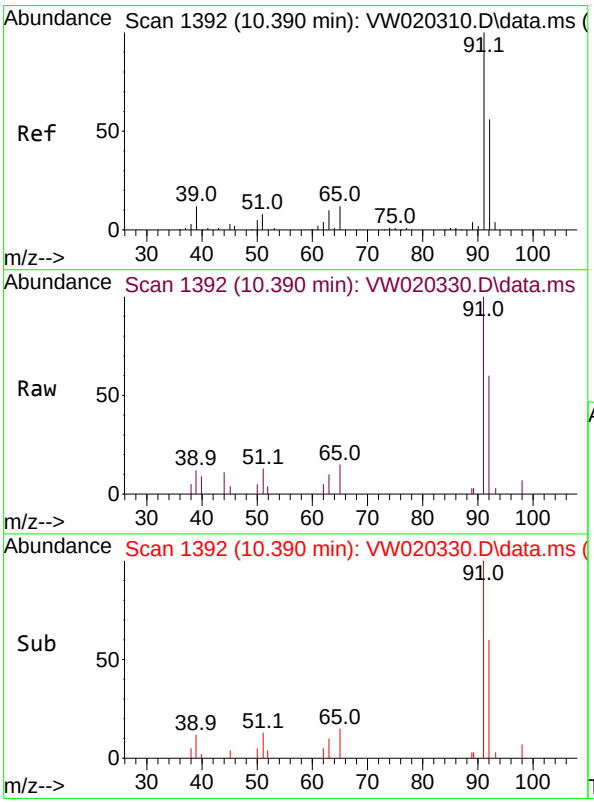


#39
cis-1,3-Dichloropropene
Concen: 0.586 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 75 Resp: 1904

Ion	Ratio	Lower	Upper
75	100		
77	43.0	22.4	41.6#





#42
Toluene
Concen: 0.390 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020330.D
Acq: 06 Oct 2021 22:11

Tgt Ion: 91 Resp: 3615

Ion	Ratio	Lower	Upper
91	100		
92	59.6	41.5	77.1