Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
Data File : VW020199.D
Acq On : 24 Sep 2021 17:55
Operator : SY/VA
Sample : M3874-22
Misc : 3.50g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW7X0

Quant Time: Sep 25 00:43:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 25 00:37:21 2021
Response via : Initial Calibration

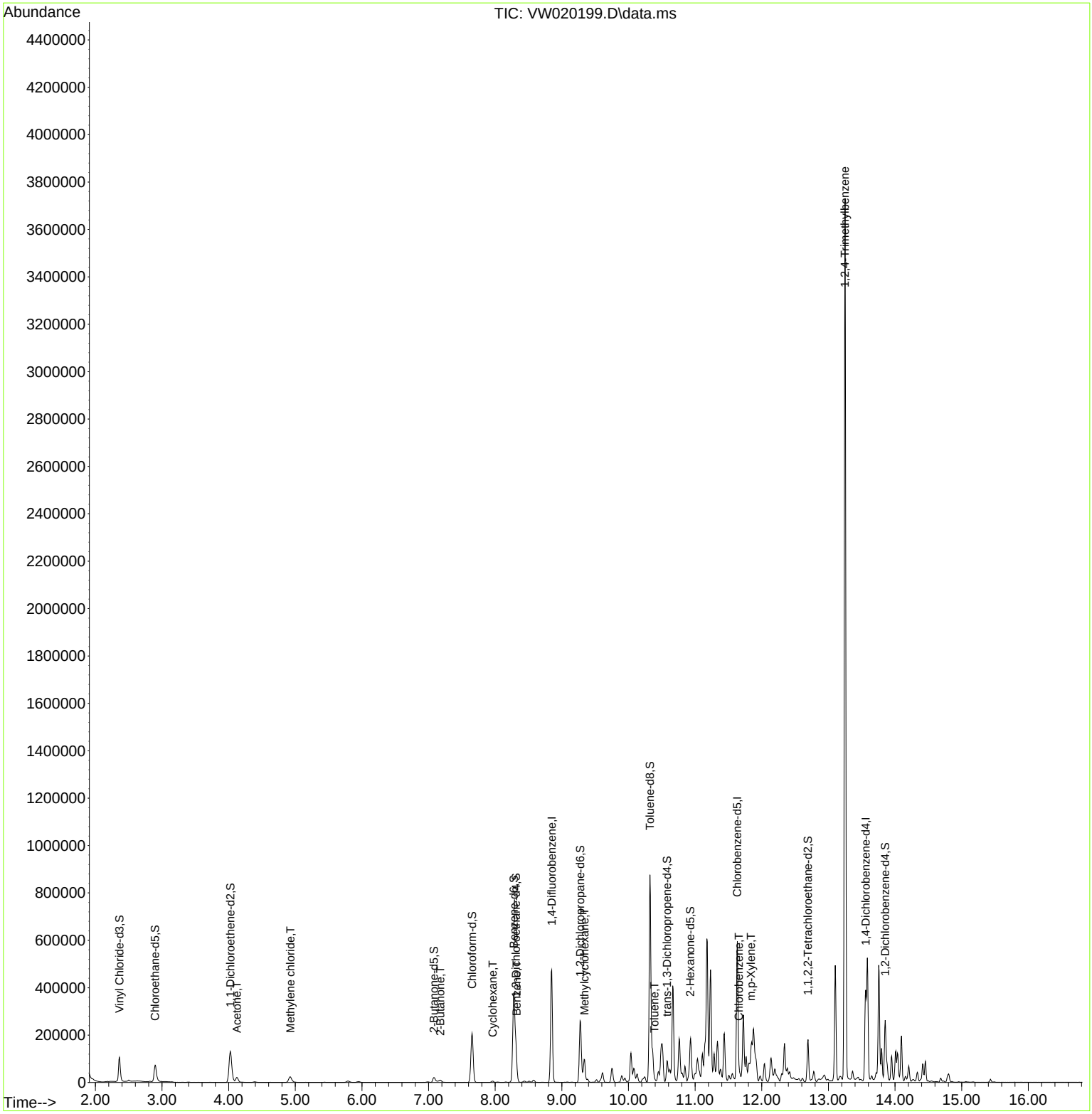
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	373274	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	307508	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	94395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115926	15.181	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.720%			
7) Chloroethane-d5	2.897	69	97783	16.998	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.000%			
11) 1,1-Dichloroethene-d2	4.025	63	142906	11.952	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 47.800%			
21) 2-Butanone-d5	7.080	46	34438	29.225	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.440%			
24) Chloroform-d	7.653	84	208289	17.743	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 70.960%			
26) 1,2-Dichloroethane-d4	8.311	65	108679	17.201	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 68.800%#			
32) Benzene-d6	8.281	84	383542	19.550	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 78.200%			
36) 1,2-Dichloropropane-d6	9.274	67	116897	20.589	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.360%			
41) Toluene-d8	10.323	98	352906	19.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.080%			
43) trans-1,3-Dichloroprop...	10.579	79	42229	17.401	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.600%			
47) 2-Hexanone-d5	10.926	63	30285	38.544	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.080%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	70278	16.047	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 64.200%			
66) 1,2-Dichlorobenzene-d4	13.853	152	62566	17.676	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 70.720%#			
Target Compounds						Qvalue
13) Acetone	4.123	43	35805	35.477	ug/L	100
16) Methylene chloride	4.928	84	19186	2.913	ug/L	99
22) 2-Butanone	7.177	43	15459	11.807	ug/L	90
29) Cyclohexane	7.964	56	2536	0.371	ug/L	95
33) Benzene	8.323	78	7991	0.431	ug/L	100
35) Methylcyclohexane	9.341	83	34342	4.242	ug/L #	87
42) Toluene	10.390	91	8754	0.444	ug/L	92
51) Chlorobenzene	11.658	112	3694	0.288	ug/L	91
53) m,p-Xylene	11.841	106	38968	4.707	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1975579	193.614	ug/L	98

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

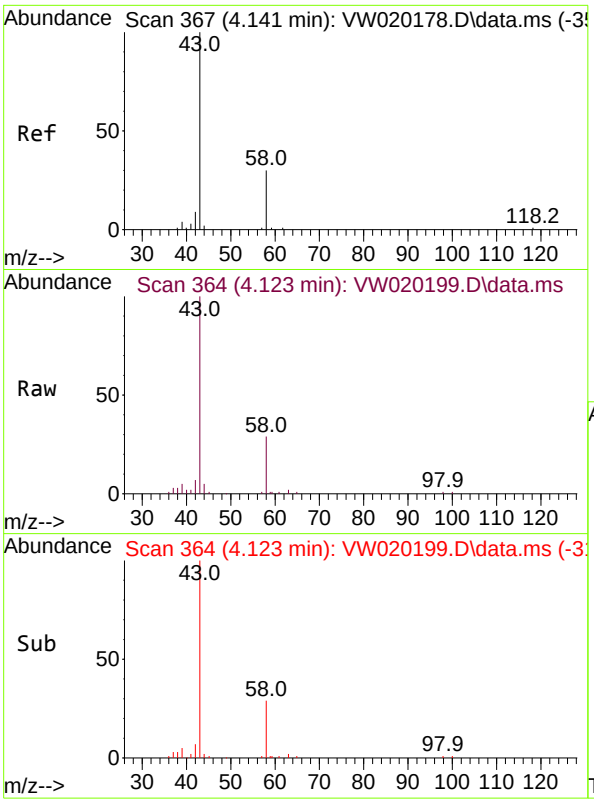
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
Data File : VW020199.D
Acq On : 24 Sep 2021 17:55
Operator : SY/VA
Sample : M3874-22
Misc : 3.50g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

Quant Time: Sep 25 00:43:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 25 00:37:21 2021
Response via : Initial Calibration



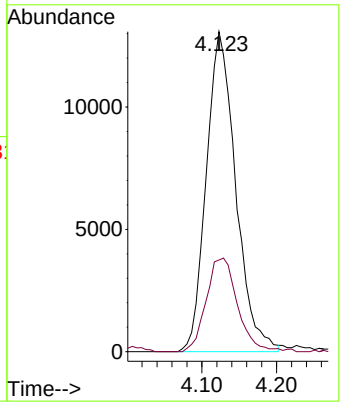
Instrument :
MSVOA_W
ClientSampleId :
EW7X0

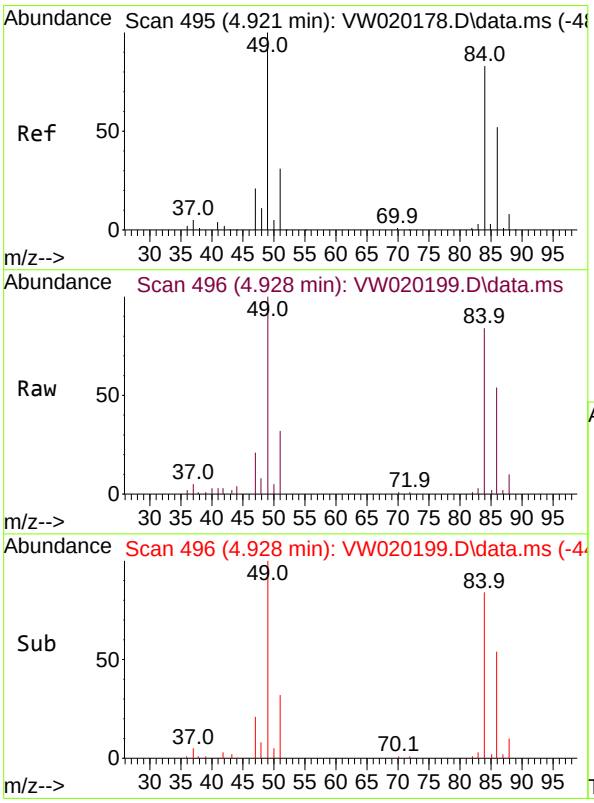


#13
Acetone
Concen: 35.477 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.018 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion: 43 Resp: 35805

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	61.6

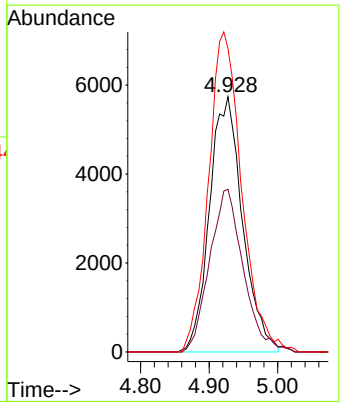




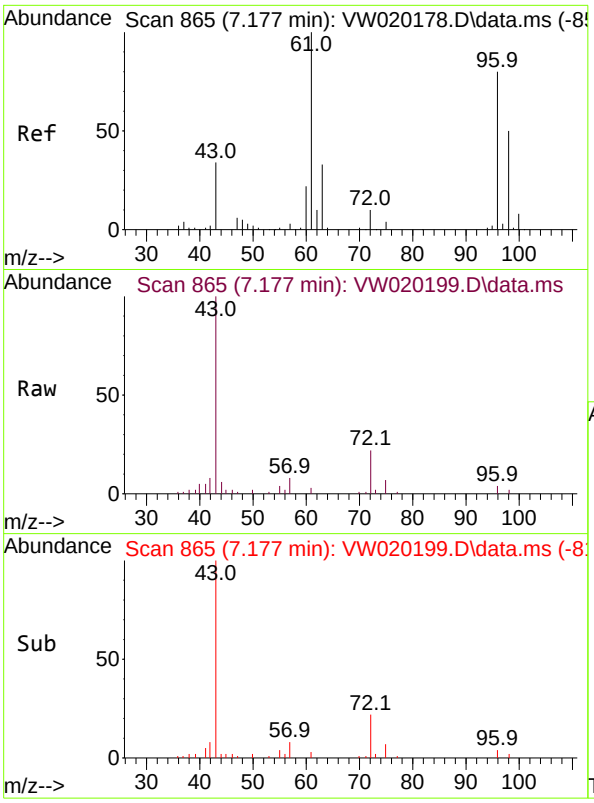
#16
Methylene chloride
Concen: 2.913 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion: 84 Resp: 19186

Ion	Ratio	Lower	Upper
84	100		
86	63.8	42.6	79.0
49	119.0	83.4	154.8



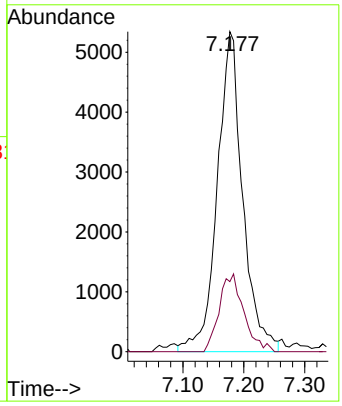
Instrument :
MSVOA_W
ClientSampleId :
EW7X0

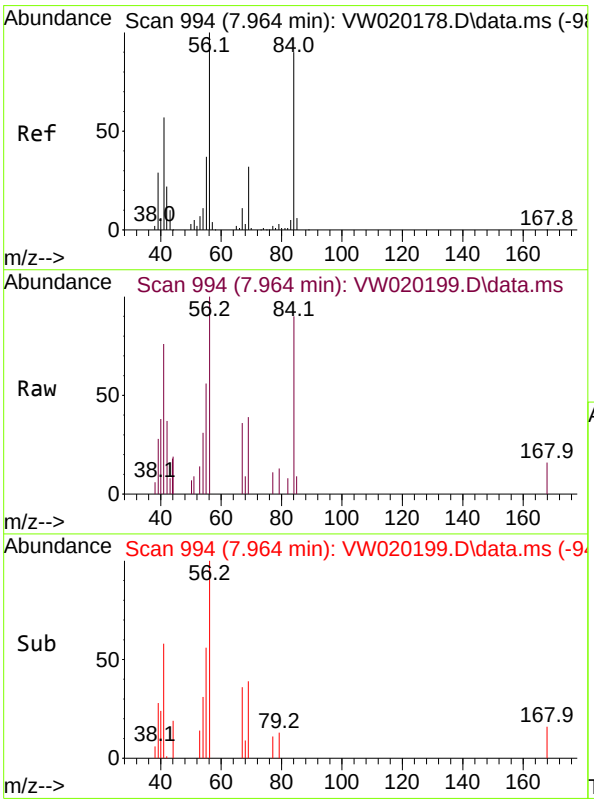


#22
2-Butanone
Concen: 11.807 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion: 43 Resp: 15459

Ion	Ratio	Lower	Upper
43	100		
72	23.0	14.1	42.2

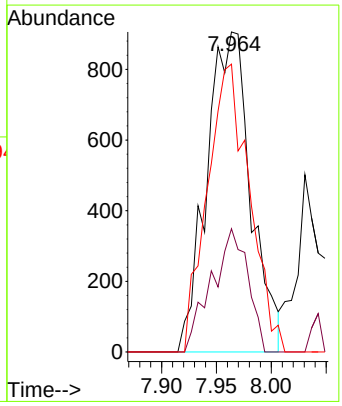


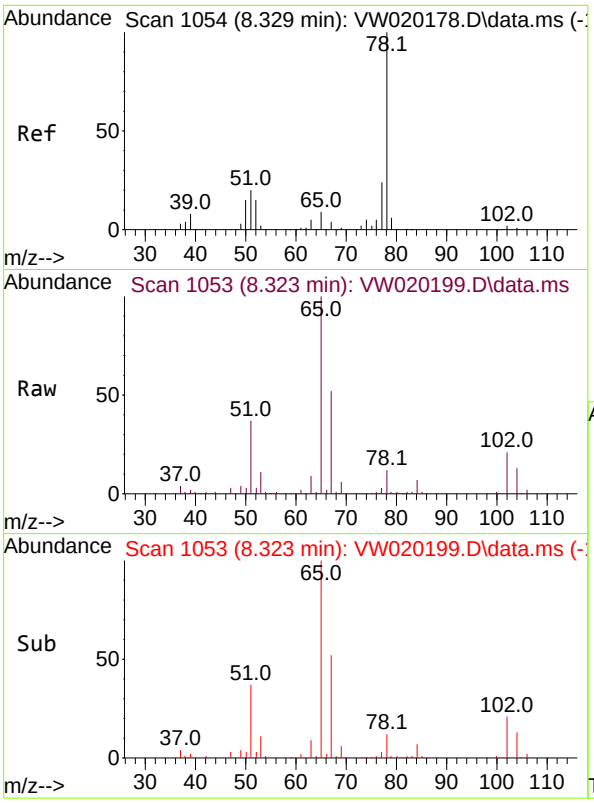


#29
Cyclohexane
Concen: 0.371 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion: 56 Resp: 2536

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.7	38.5
84	85.7	73.4	110.2

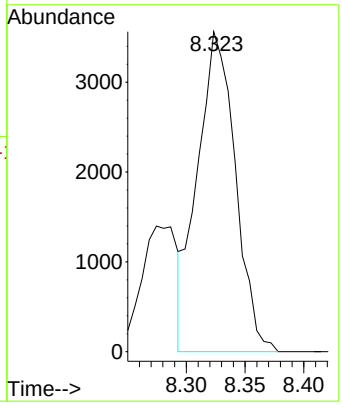


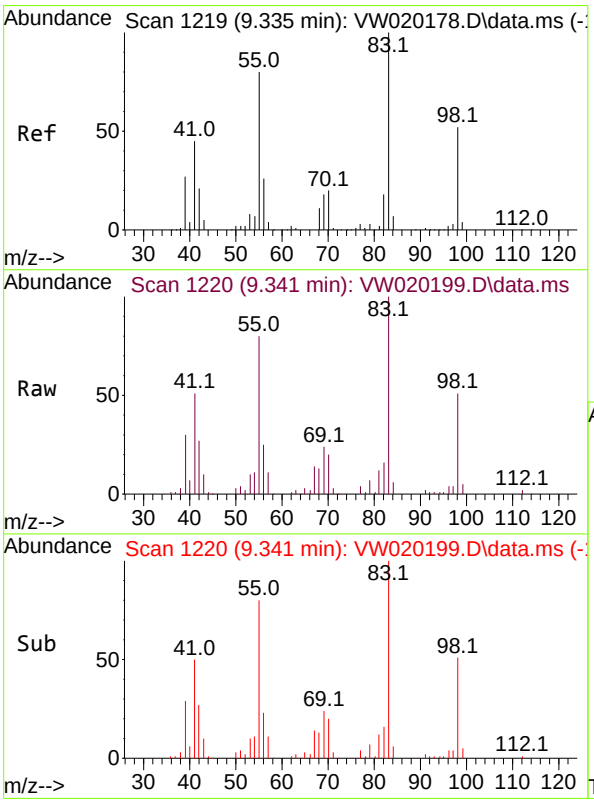


#33
Benzene
Concen: 0.431 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion: 78 Resp: 7991

Instrument :
MSVOA_W
ClientSampleId :
EW7X0

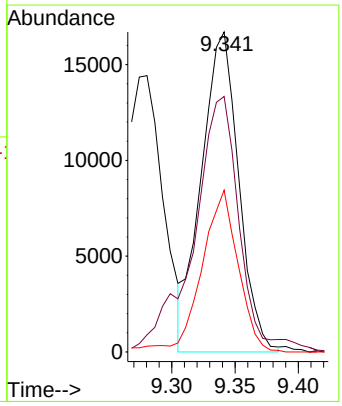




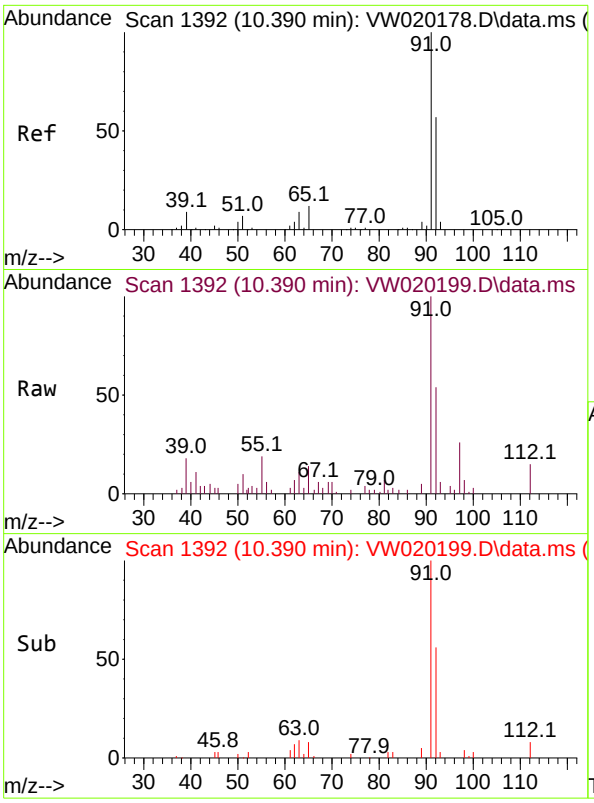
#35
Methylcyclohexane
Concen: 4.242 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion: 83 Resp: 34342

Ion	Ratio	Lower	Upper
83	100		
55	95.3	61.4	92.2#
98	47.7	38.1	57.1



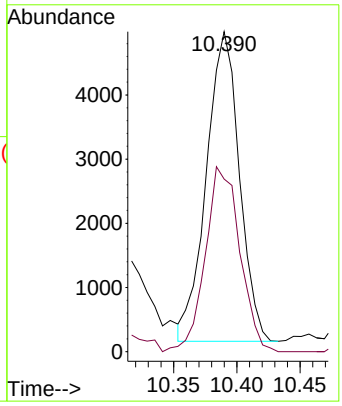
Instrument :
MSVOA_W
ClientSampleId :
EW7X0

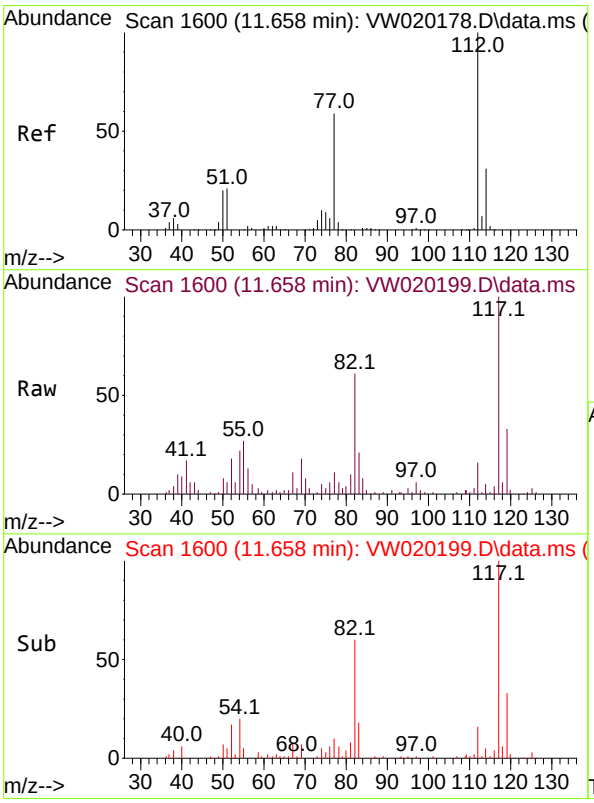


#42
Toluene
Concen: 0.444 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion: 91 Resp: 8754

Ion	Ratio	Lower	Upper
91	100		
92	54.0	42.2	78.4

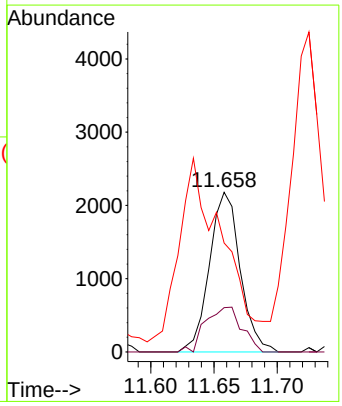




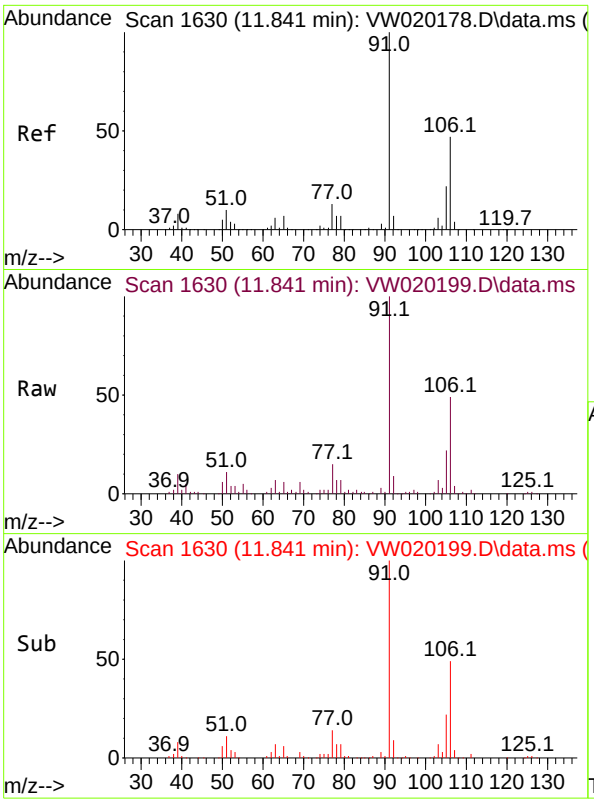
#51
Chlorobenzene
Concen: 0.288 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion:112 Resp: 3694

Ion	Ratio	Lower	Upper
112	100		
114	27.8	21.9	40.7
77	68.2	48.0	72.0



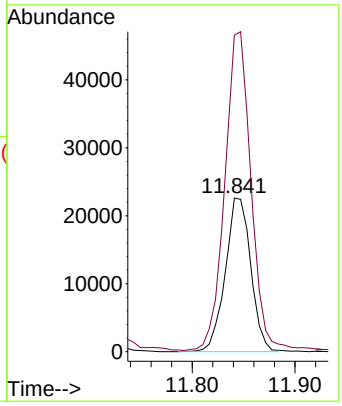
Instrument :
MSVOA_W
ClientSampleId :
EW7X0

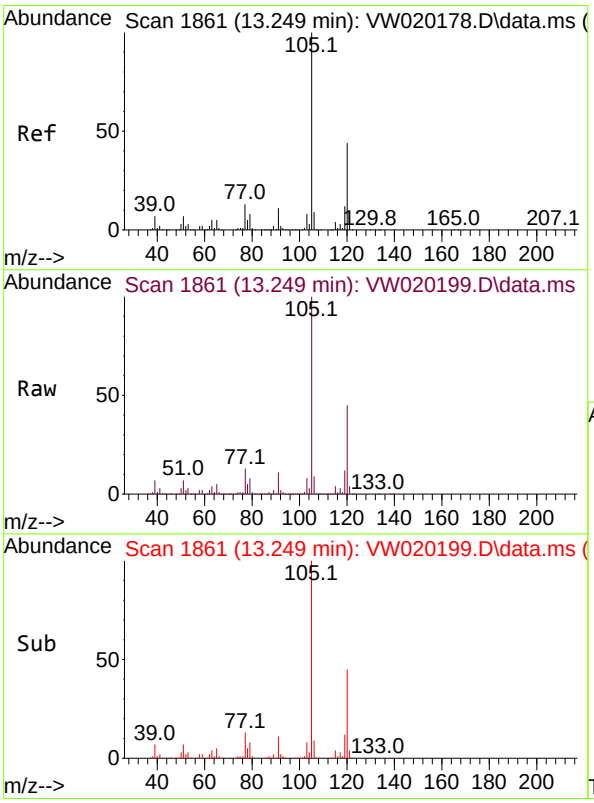


#53
m,p-Xylene
Concen: 4.707 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion:106 Resp: 38968

Ion	Ratio	Lower	Upper
106	100		
91	206.1	146.4	271.8





#63
1,2,4-Trimethylbenzene
Concen: 193.614 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020199.D
Acq: 24 Sep 2021 17:55

Tgt Ion:105 Resp: 1975579

Ion	Ratio	Lower	Upper
105	100		
120	44.1	36.2	54.4