Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019874.D
Acq On : 24 Aug 2021 13:28
Operator : SY/VA
Sample : M3518-11RE
Misc : 5.96g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0B24RE

Quant Time: Aug 25 01:00:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 25 00:57:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	306370	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	237929	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	53884	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	133200	28.061	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.240%			
7) Chloroethane-d5	2.898	69	114401	27.457	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.840%			
11) 1,1-Dichloroethene-d2	4.025	63	144511	17.544	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.160%			
21) 2-Butanone-d5	7.092	46	34082	35.348	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.700%			
24) Chloroform-d	7.653	84	208408	24.735	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.960%			
26) 1,2-Dichloroethane-d4	8.311	65	105307	23.193	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.760%			
32) Benzene-d6	8.281	84	392259	28.915	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.640%			
36) 1,2-Dichloropropane-d6	9.274	67	121979	29.692	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 118.760%			
41) Toluene-d8	10.329	98	324459	26.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.400%			
43) trans-1,3-Dichloroprop...	10.579	79	36673	21.608	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.440%			
47) 2-Hexanone-d5	10.927	63	21293	37.205	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.420%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	80096	23.955	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	53405	28.893	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.560%			
Target Compounds						Qvalue
14) Carbon disulfide	4.391	76	4277	0.322	ug/L	97
16) Methylene chloride	4.922	84	22674	4.312	ug/L	99
35) Methylcyclohexane	9.335	83	1850	0.284	ug/L #	80
42) Toluene	10.390	91	10138	0.655	ug/L	90

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

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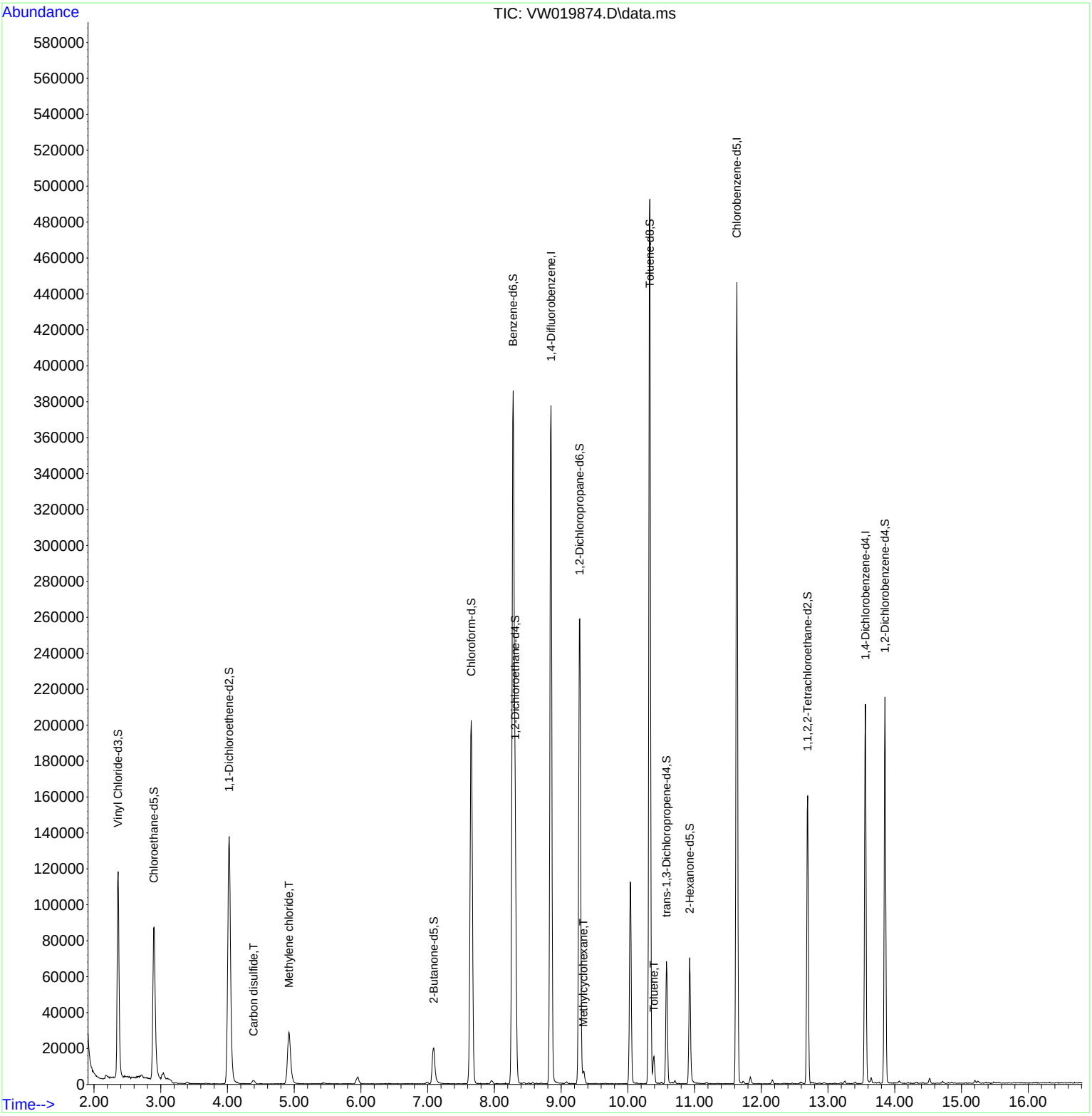
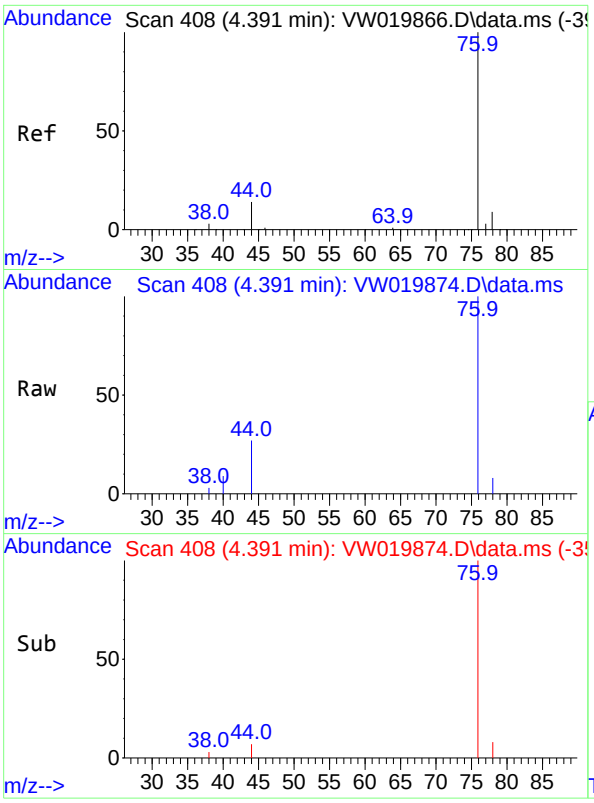
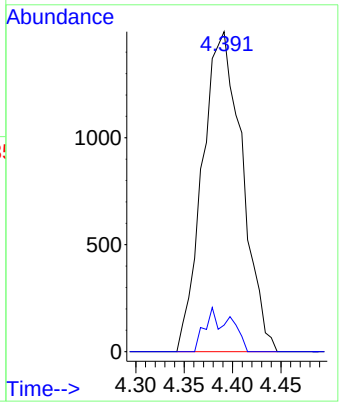




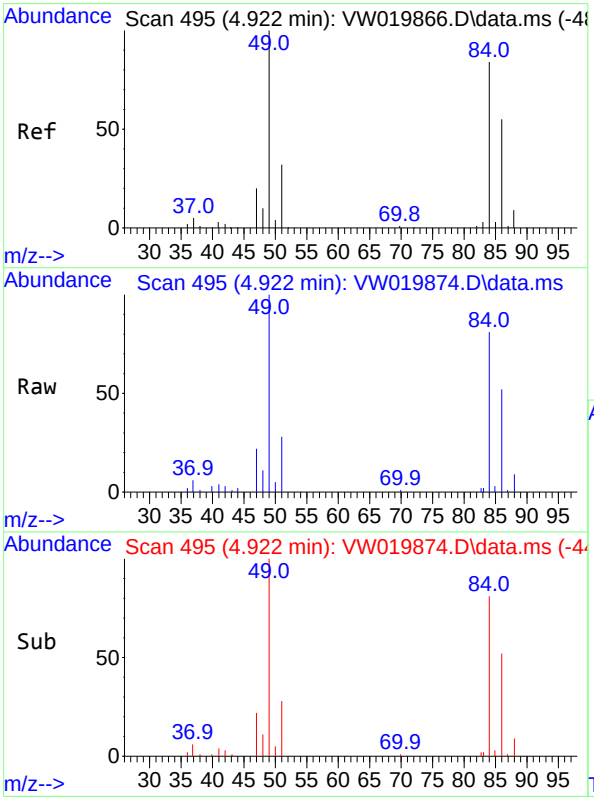
#14
Carbon disulfide
Concen: 0.322 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019874.D
Acq: 24 Aug 2021 13:28

Tgt Ion: 76 Resp: 4277

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.4	11.0



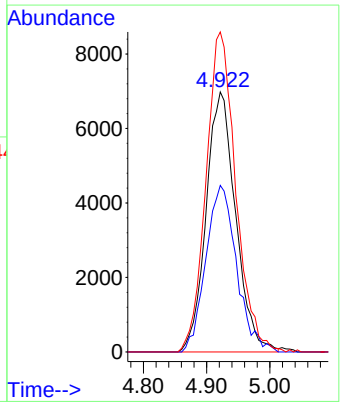
Instrument :
MSVOA_W
ClientSampleId :
C0B24RE



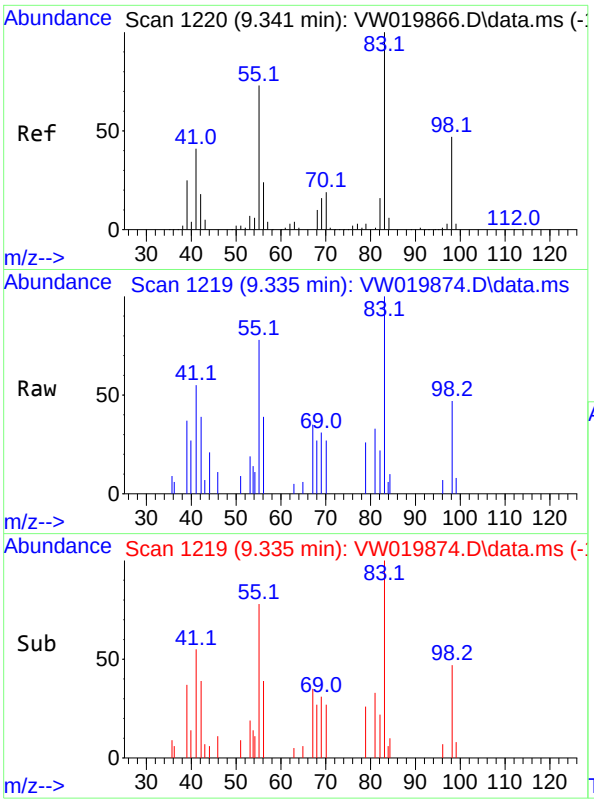
#16
Methylene chloride
Concen: 4.312 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019874.D
Acq: 24 Aug 2021 13:28

Tgt Ion: 84 Resp: 22674

Ion	Ratio	Lower	Upper
84	100		
86	64.1	45.3	84.1
49	123.1	86.6	160.8



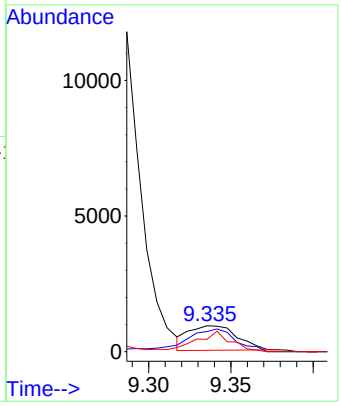
Instrument :
MSVOA_W
ClientSampleId :
C0B24RE

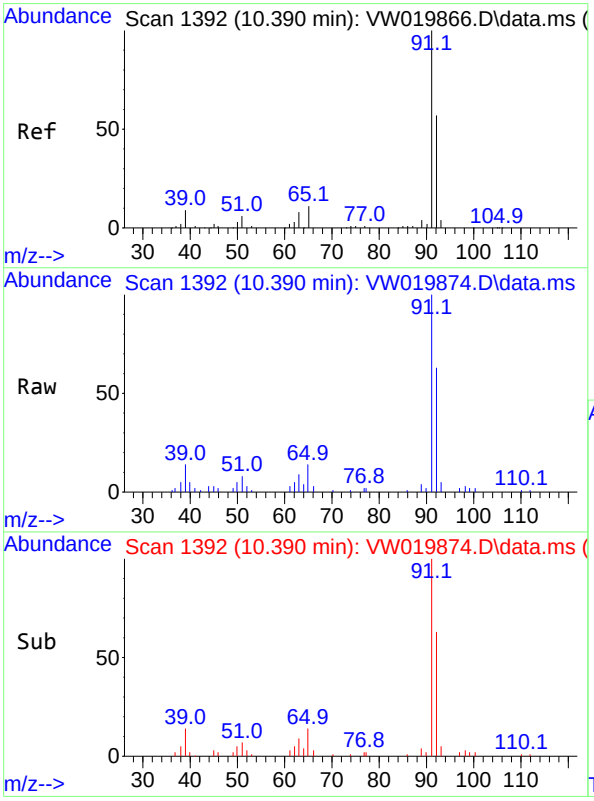


#35
Methylcyclohexane
Concen: 0.284 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019874.D
Acq: 24 Aug 2021 13:28

Tgt Ion: 83 Resp: 1850

Ion	Ratio	Lower	Upper
83	100		
55	93.9	58.9	88.3#
98	59.2	40.1	60.1





#42
Toluene
Concen: 0.655 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019874.D
Acq: 24 Aug 2021 13:28

Tgt Ion: 91 Resp: 10138

Ion	Ratio	Lower	Upper
91	100		
92	63.5	39.5	73.3