Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021049.D
Acq On : 02 Dec 2021 16:01
Operator : SY/VA
Sample : M4886-10
Misc : 3.27g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX891

Quant Time: Dec 03 02:25:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	82741	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	48125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	8101	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21594	22.500	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.000%			
7) Chloroethane-d5	2.885	69	18485	29.863	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.440%			
11) 1,1-Dichloroethene-d2	4.019	63	25670	13.824	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.280%			
21) 2-Butanone-d5	7.080	46	14045	58.630	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.260%			
24) Chloroform-d	7.647	84	53692	25.754	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.000%			
26) 1,2-Dichloroethane-d4	8.305	65	28071	26.527	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.120%			
32) Benzene-d6	8.275	84	85785	33.821	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 135.280%#			
36) 1,2-Dichloropropane-d6	9.274	67	29172	40.389	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 161.560%#			
41) Toluene-d8	10.323	98	67004	26.615	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.480%			
43) trans-1,3-Dichloroprop...	10.579	79	8203	24.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.120%			
47) 2-Hexanone-d5	10.921	63	9472	79.071	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 158.140%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	21887	39.557	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 158.240%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	7167	24.822	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.280%			
Target Compounds						Qvalue
14) Carbon disulfide	4.385	76	11814	4.214	ug/L	97
35) Methylcyclohexane	9.335	83	1225	0.975	ug/L	86
53) m,p-Xylene	11.835	106	861	0.621	ug/L	74
63) 1,2,4-Trimethylbenzene	13.249	105	617	0.672	ug/L #	86

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

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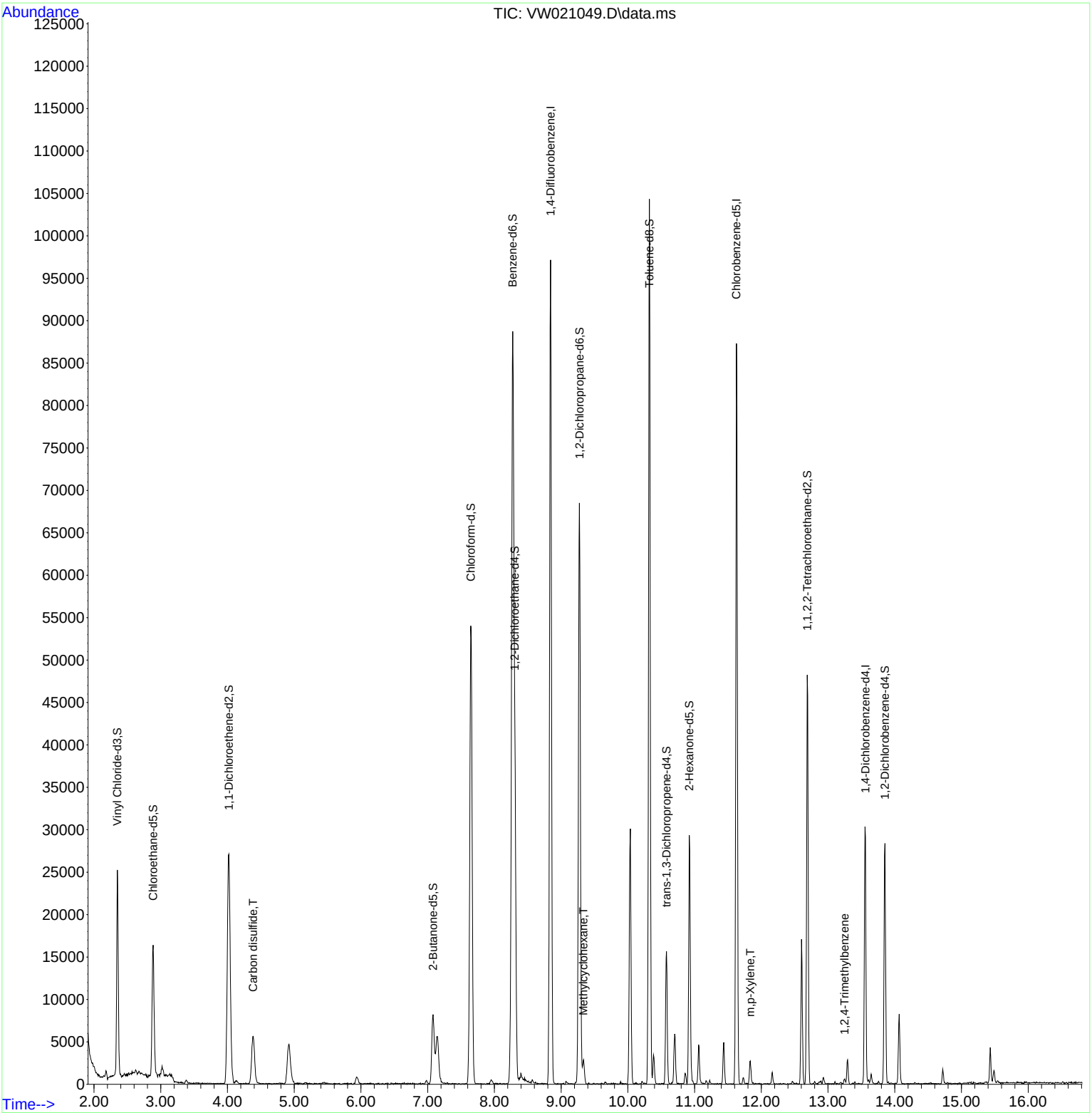
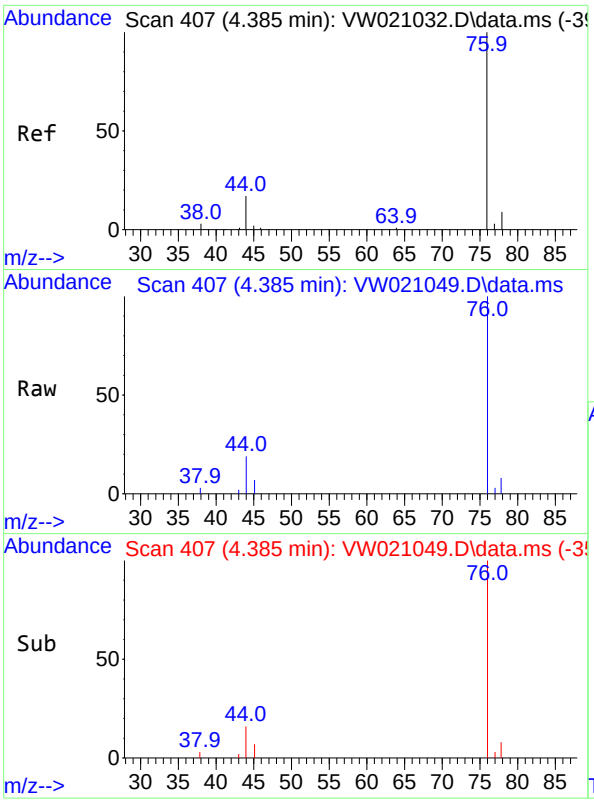


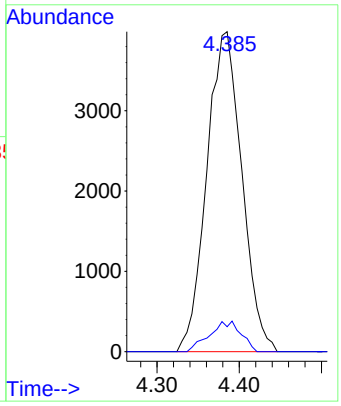


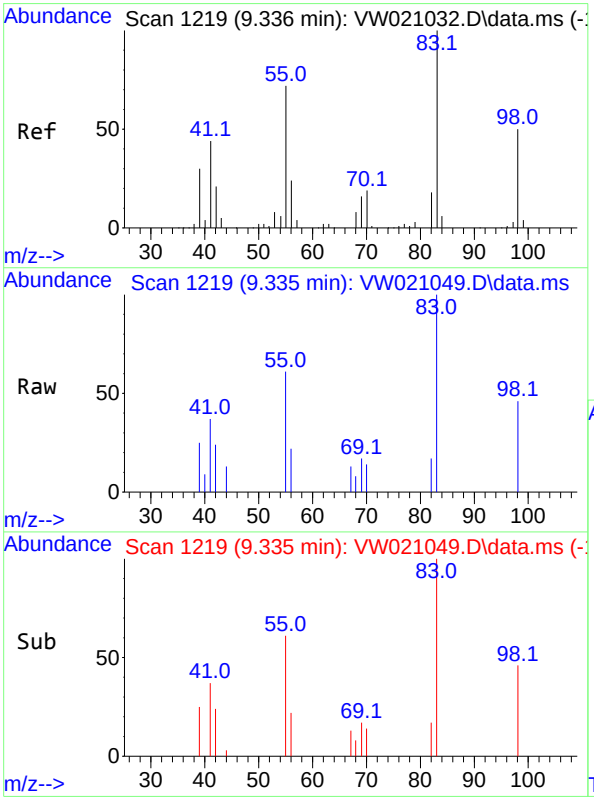
#14
Carbon disulfide
Concen: 4.214 ug/L
RT: 4.385 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW021049.D
Acq: 02 Dec 2021 16:01

Instrument :
MSVOA_W
ClientSampleId :
EX891

Tgt Ion: 76 Resp: 11814

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.1	10.7

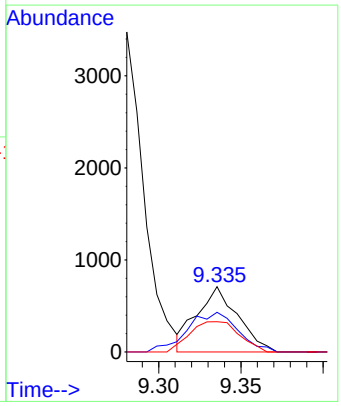


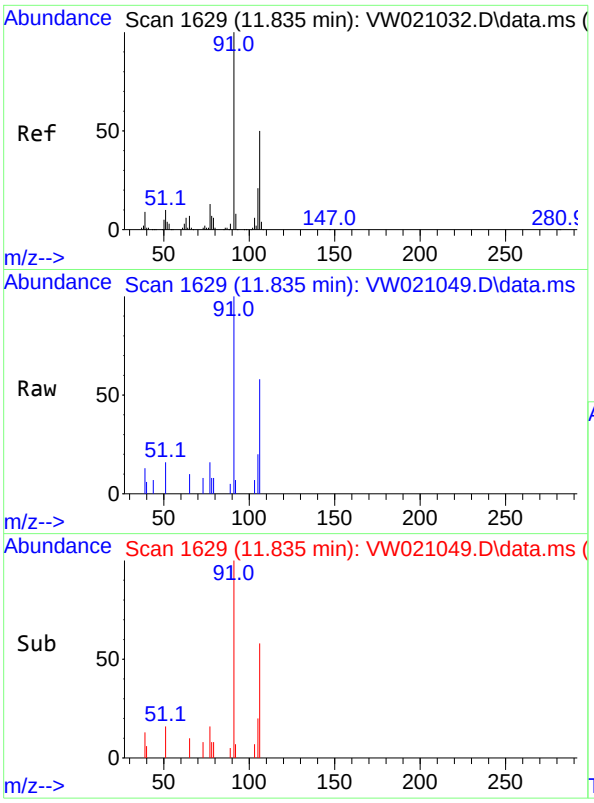


#35
Methylcyclohexane
Concen: 0.975 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021049.D
Acq: 02 Dec 2021 16:01

Tgt Ion: 83 Resp: 1225

Ion	Ratio	Lower	Upper
83	100		
55	75.3	70.8	106.2
98	56.4	37.7	56.5



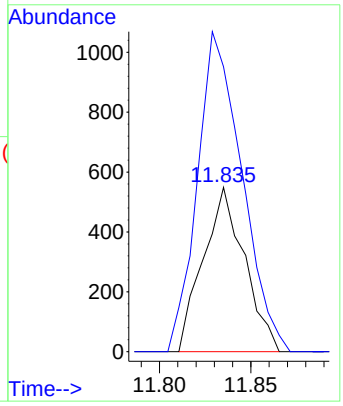


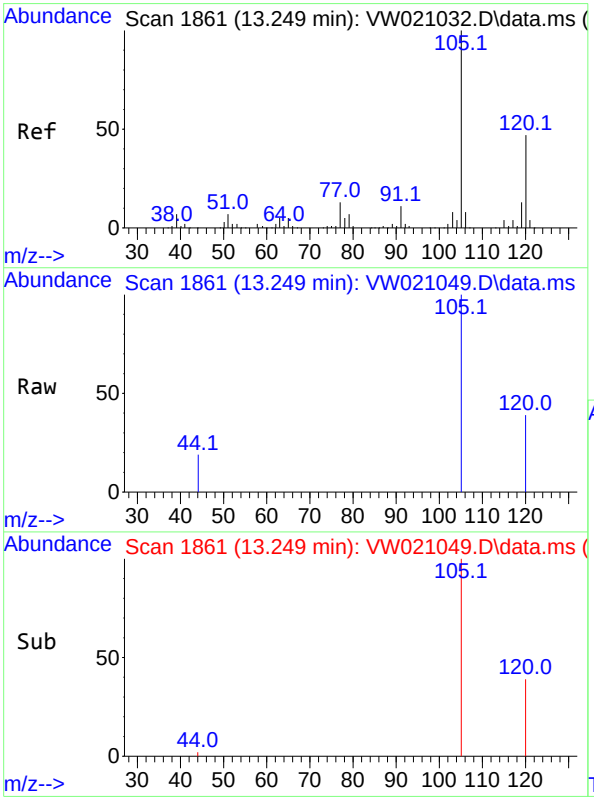
#53
m,p-Xylene
Concen: 0.621 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021049.D
Acq: 02 Dec 2021 16:01

Instrument :
MSVOA_W
ClientSampleId :
EX891

Tgt Ion:106 Resp: 861

Ion	Ratio	Lower	Upper
106	100		
91	173.4	149.9	278.3





#63
1,2,4-Trimethylbenzene
Concen: 0.672 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021049.D
Acq: 02 Dec 2021 16:01

Tgt Ion:105 Resp: 617

Ion	Ratio	Lower	Upper
105	100		
120	34.8	35.0	52.6#