Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
Data File : VW021394.D
Acq On : 15 Dec 2021 17:06
Operator : SY/VA
Sample : M5101-11
Misc : 5.56g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL35

Quant Time: Dec 16 01:00:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	61744	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	62558	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	33263	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21409	19.038	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.160%			
7) Chloroethane-d5	2.879	69	18093	24.338	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.360%			
11) 1,1-Dichloroethene-d2	4.013	63	26181	17.463	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.840%			
21) 2-Butanone-d5	7.074	46	11756	74.164	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 148.320%#			
24) Chloroform-d	7.647	84	43859	25.490	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.960%			
26) 1,2-Dichloroethane-d4	8.305	65	25943	28.345	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.360%			
32) Benzene-d6	8.275	84	82278	23.995	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.960%			
36) 1,2-Dichloropropane-d6	9.274	67	24053	26.155	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.640%			
41) Toluene-d8	10.323	98	76701	21.892	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.560%			
43) trans-1,3-Dichloroprop...	10.579	79	9063	21.403	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.600%			
47) 2-Hexanone-d5	10.920	63	9542	70.168	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 140.340%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	22502	28.464	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.840%			
66) 1,2-Dichlorobenzene-d4	13.847	152	30732	23.839	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.360%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.037	96	2694	3.520	ug/L #	14
13) Acetone	4.123	43	948	6.671	ug/L	92
14) Carbon disulfide	4.373	76	1988	1.006	ug/L	98
19) 1,1-Dichloroethane	6.220	63	17938	13.795	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	568	0.650	ug/L #	64
30) 1,1,1-Trichloroethane	7.872	97	144725	103.108	ug/L	94
34) Trichloroethene	9.091	95	19000	19.861	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	344	0.553	ug/L	81
46) Tetrachloroethene	10.859	164	223010	245.398	ug/L	97

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

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Quant Title : SFAM01.0
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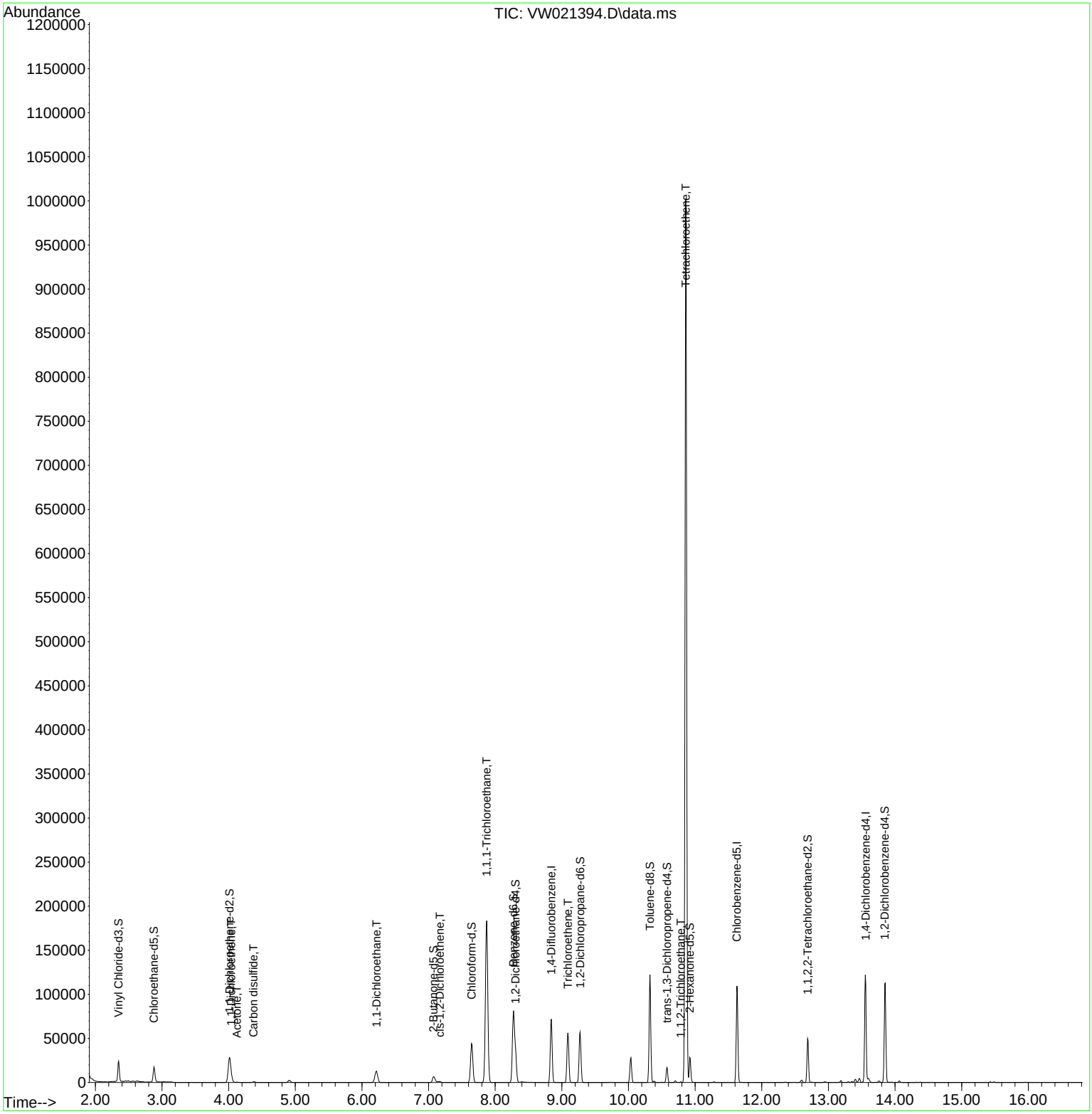
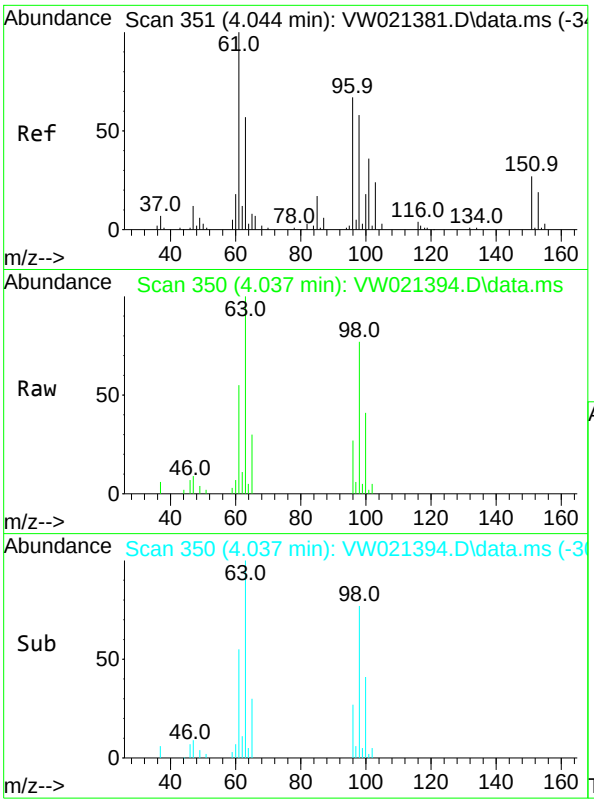


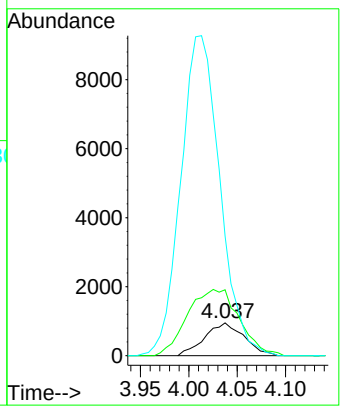


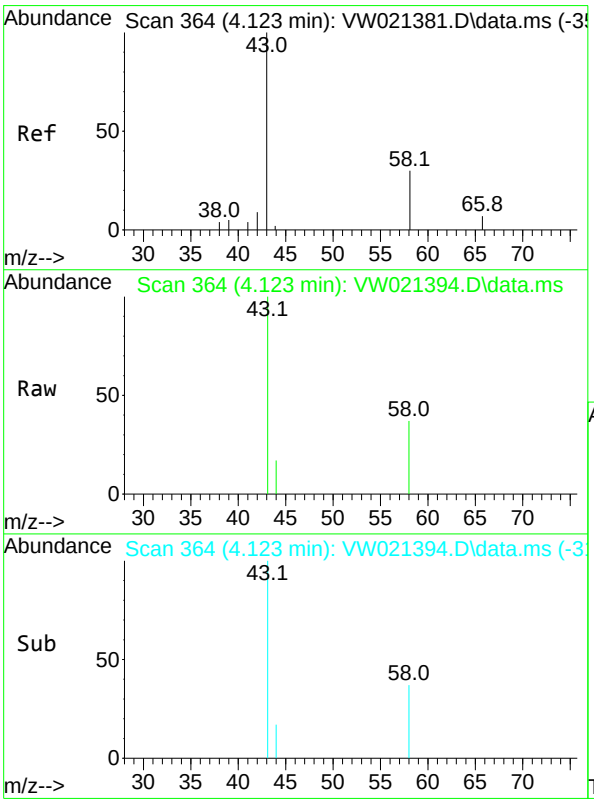
#12
1,1-Dichloroethene
Concen: 3.520 ug/L
RT: 4.037 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW021394.D
Acq: 15 Dec 2021 17:06

Instrument :
MSVOA_W
ClientSampleId :
BGL35

Tgt Ion: 96 Resp: 2694

Ion	Ratio	Lower	Upper
96	100		
61	201.4	138.3	256.9
63	365.2	82.6	153.4#

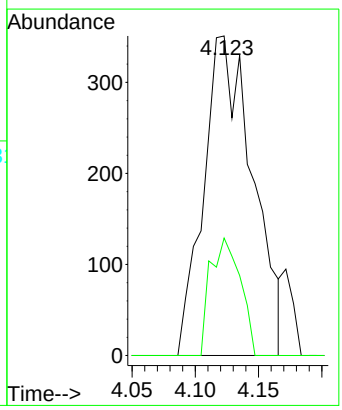


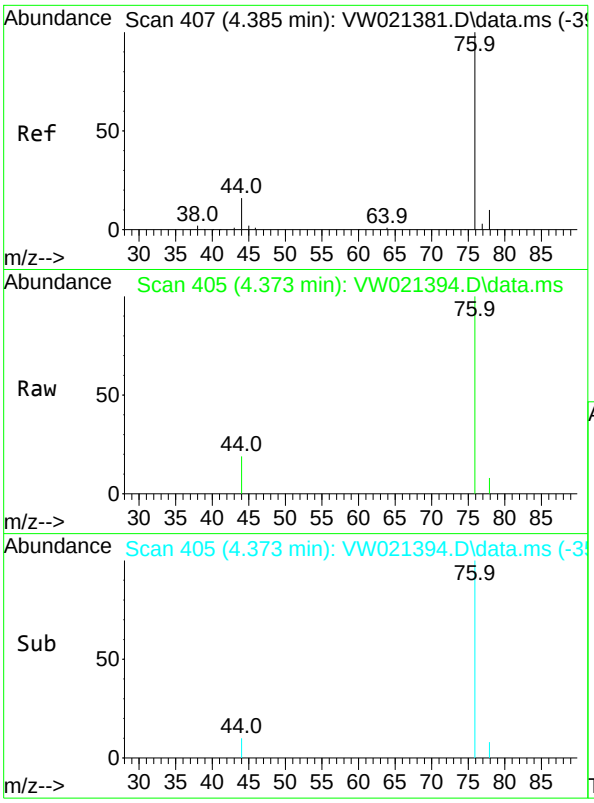


#13
Acetone
Concen: 6.671 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021394.D
Acq: 15 Dec 2021 17:06

Tgt Ion: 43 Resp: 948

Ion	Ratio	Lower	Upper
43	100		
58	22.5	0.0	52.8



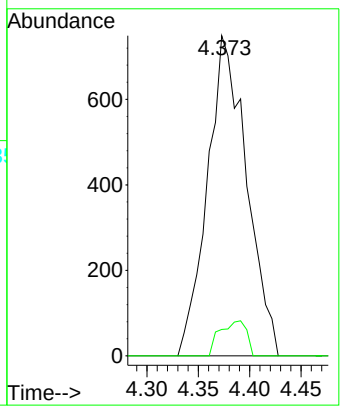


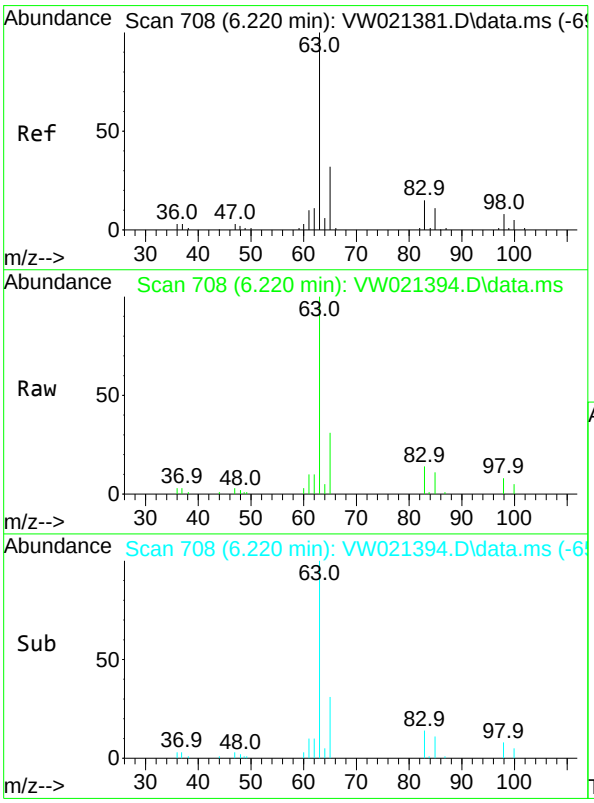
#14
Carbon disulfide
Concen: 1.006 ug/L
RT: 4.373 min Scan# 4
Delta R.T. -0.012 min
Lab File: VW021394.D
Acq: 15 Dec 2021 17:06

Instrument :
MSVOA_W
ClientSampleId :
BGL35

Tgt Ion: 76 Resp: 1988

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.1	10.7

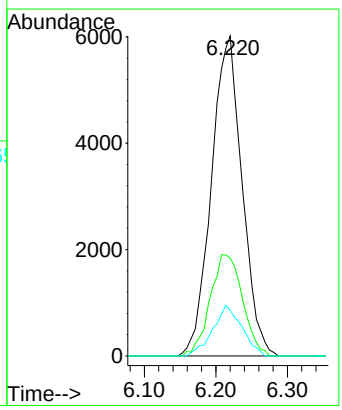


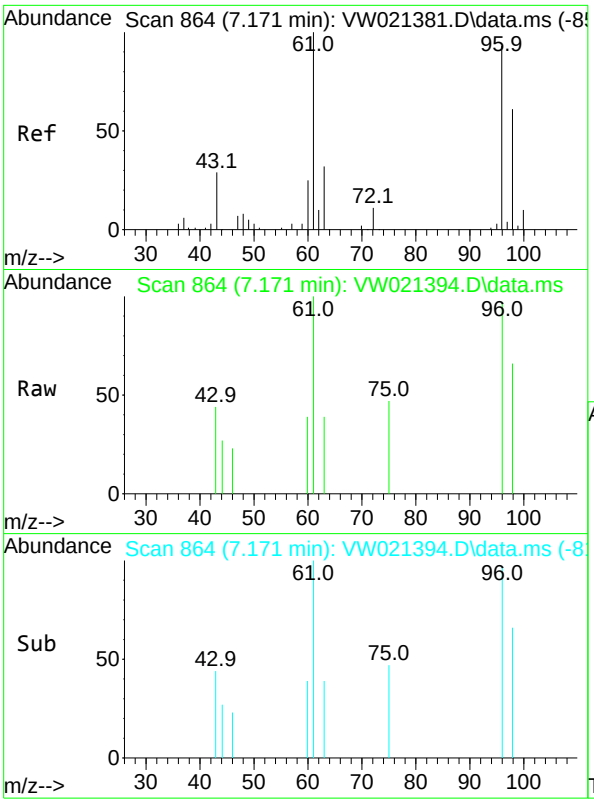


#19
1,1-Dichloroethane
Concen: 13.795 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW021394.D
Acq: 15 Dec 2021 17:06

Tgt Ion: 63 Resp: 17938

Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.1	41.1
83	14.1	9.2	17.2



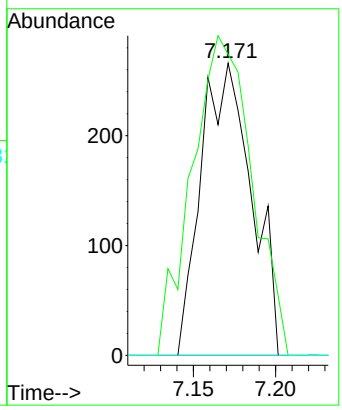


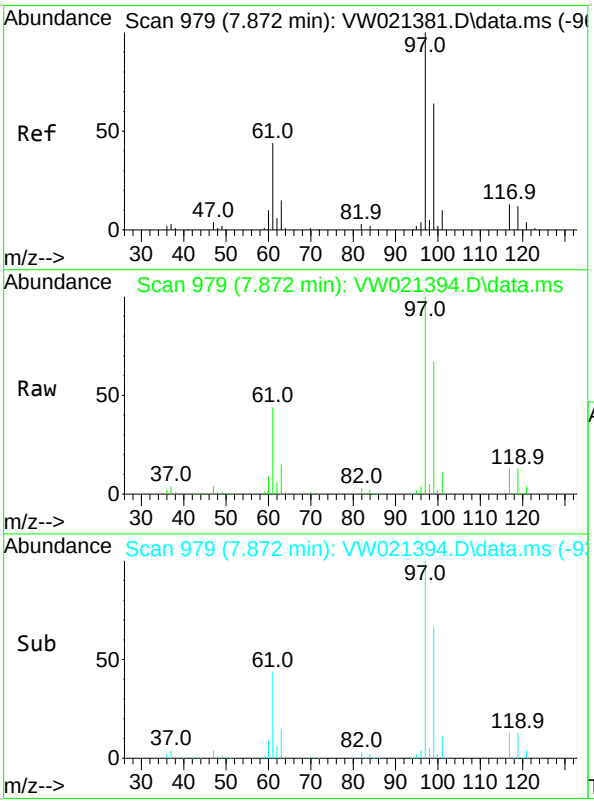
#20
cis-1,2-Dichloroethene
Concen: 0.650 ug/L
RT: 7.171 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW021394.D
Acq: 15 Dec 2021 17:06

Instrument :
MSVOA_W
ClientSampleId :
BGL35

Tgt Ion: 96 Resp: 568

Ion	Ratio	Lower	Upper
96	100		
61	103.0	103.7	192.7#
68	0.0	0.0	0.0

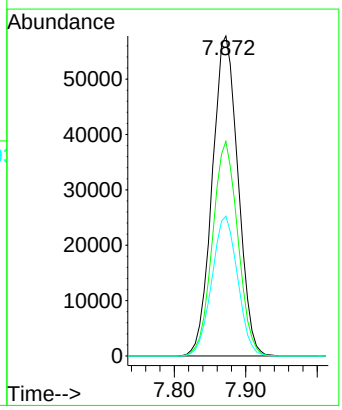


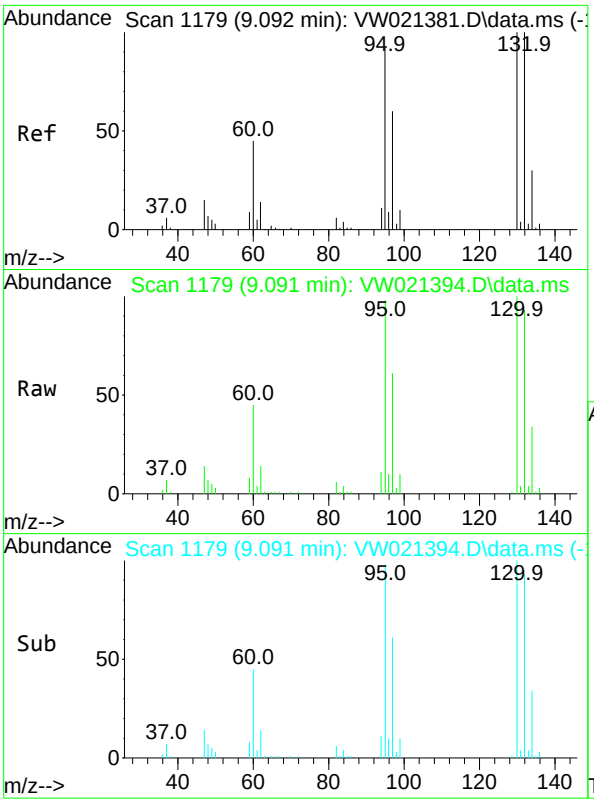


#30
1,1,1-Trichloroethane
Concen: 103.108 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021394.D
Acq: 15 Dec 2021 17:06

Tgt Ion: 97 Resp: 144725

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.6	77.4
61	43.6	40.9	61.3



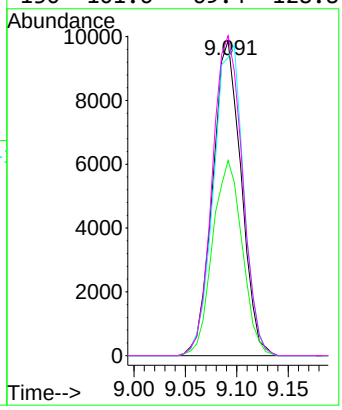


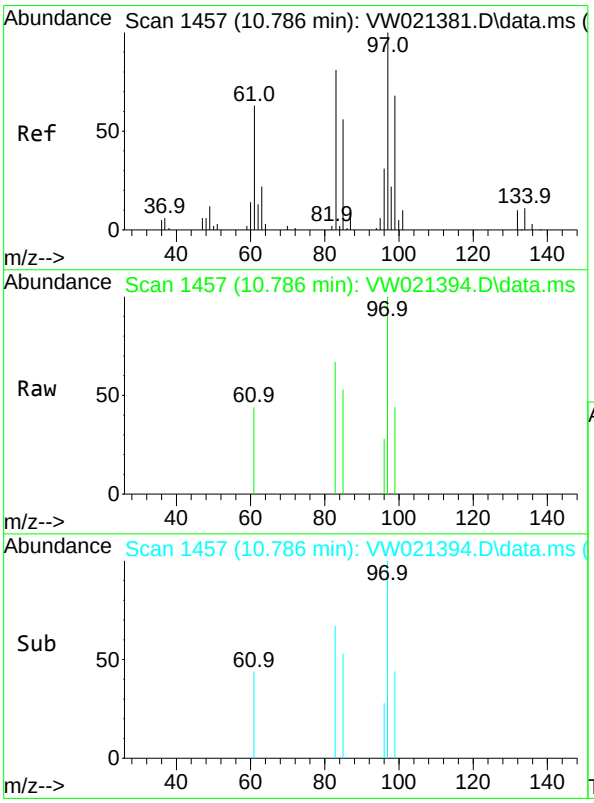
#34
Trichloroethene
Concen: 19.861 ug/L
RT: 9.091 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021394.D
Acq: 15 Dec 2021 17:06

Instrument :
MSVOA_W
ClientSampleId :
BGL35

Tgt Ion: 95 Resp: 19000

Ion	Ratio	Lower	Upper
95	100		
97	62.0	47.0	87.2
132	94.6	65.5	121.6
130	101.6	69.4	128.8

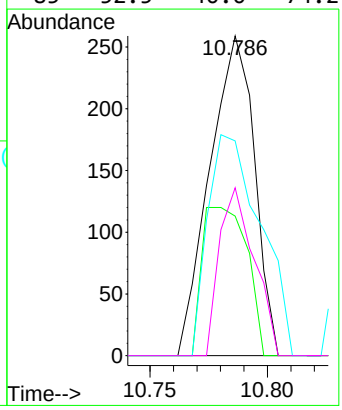


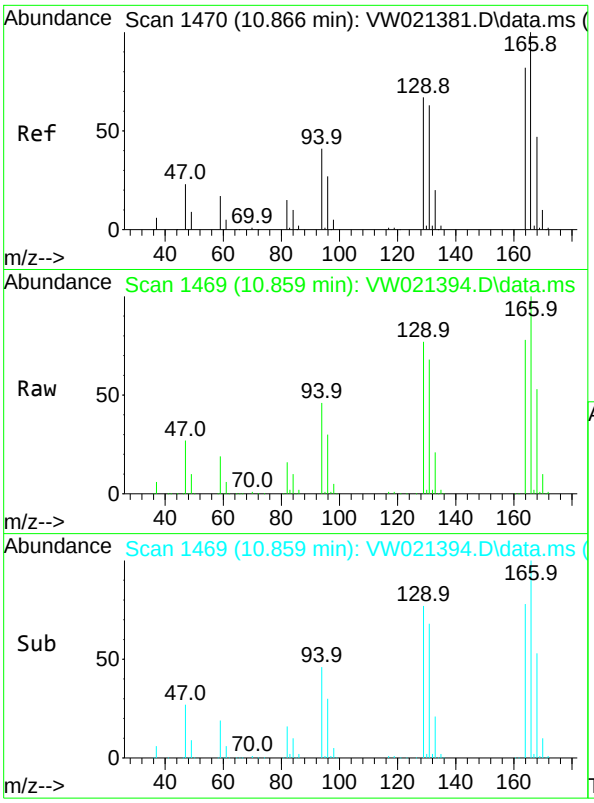


#45
1,1,2-Trichloroethane
Concen: 0.553 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021394.D
Acq: 15 Dec 2021 17:06

Tgt Ion: 97 Resp: 344

Ion	Ratio	Lower	Upper
97	100		
99	43.6	43.0	79.8
83	67.2	62.6	116.3
85	52.5	40.0	74.2





#46
Tetrachloroethene
Concen: 245.398 ug/L
RT: 10.859 min Scan# 14
Delta R.T. -0.006 min
Lab File: VW021394.D
Acq: 15 Dec 2021 17:06

Instrument :
MSVOA_W
ClientSampleId :
BGL35

Tgt Ion:164 Resp: 223010

Ion	Ratio	Lower	Upper
164	100		
129	98.3	65.5	121.7
131	87.7	59.7	110.9
166	128.4	88.7	164.7