Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051718.D
Acq On : 03 Nov 2022 03:07
Operator : JC/MD
Sample : N5301-27
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBWRO

Quant Time: Nov 03 04:30:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 03:06:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178686	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	187747	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67371	5.006	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.200%			
7) Chloroethane-d5	1.912	69	60792	4.331	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.600%			
11) 1,1-Dichloroethene-d2	2.565	65	26344	5.394	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.800%			
20) 2-Butanone-d5	4.623	46	207813	42.639	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.280%			
24) Chloroform-d	5.063	84	137192	4.356	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
26) 1,2-Dichloroethane-d4	5.700	65	71983	4.231	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	5.726	84	265161	4.475	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
36) 1,2-Dichloropropane-d6	6.690	67	92976	4.488	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.800%			
41) Toluene-d8	7.896	98	207131	4.446	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
43) trans-1,3-Dichloroprop...	8.179	79	26837	4.237	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.800%			
46) 2-Hexanone-d5	8.632	63	152006	39.862	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.720%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86067	4.533	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.600%			
66) 1,2-Dichlorobenzene-d4	12.192	152	79777	5.209	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	272719	11.557	ug/L #	71
12) 1,1-Dichloroethene	2.578	96	27751	1.786	ug/L #	53
13) Acetone	2.626	43	8057	3.258	ug/L	100
14) Carbon disulfide	2.790	76	6800	0.136	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	1254088	75.225	ug/L	100
19) 1,1-Dichloroethane	3.877	63	3979	0.129	ug/L #	85
22) cis-1,2-Dichloroethene	4.665	96	9323622	505.431	ug/L	99
34) Trichloroethene	6.542	95	4260906	238.304	ug/L	98
47) Tetrachloroethene	8.552	164	32364	2.363	ug/L	95

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

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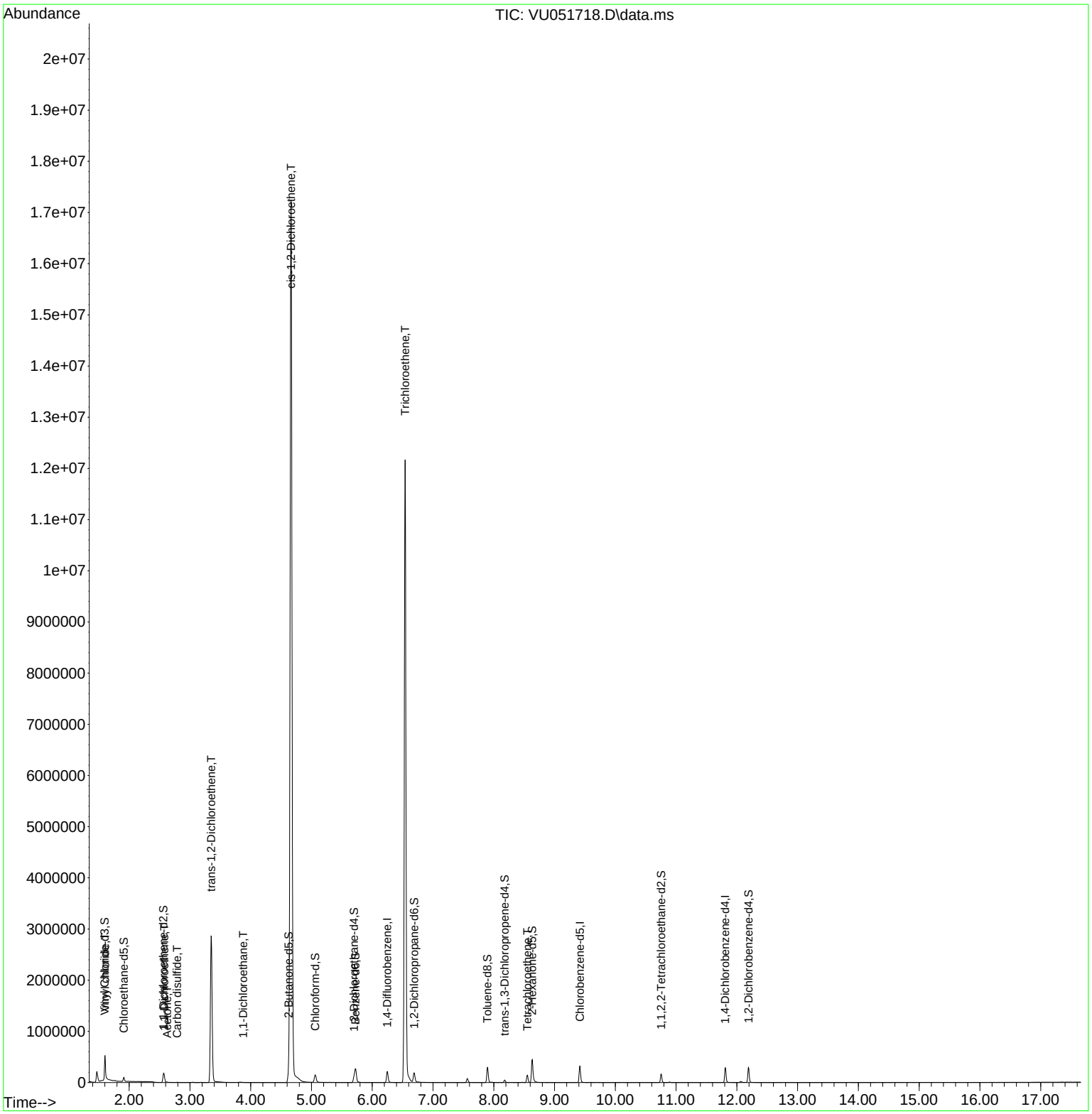
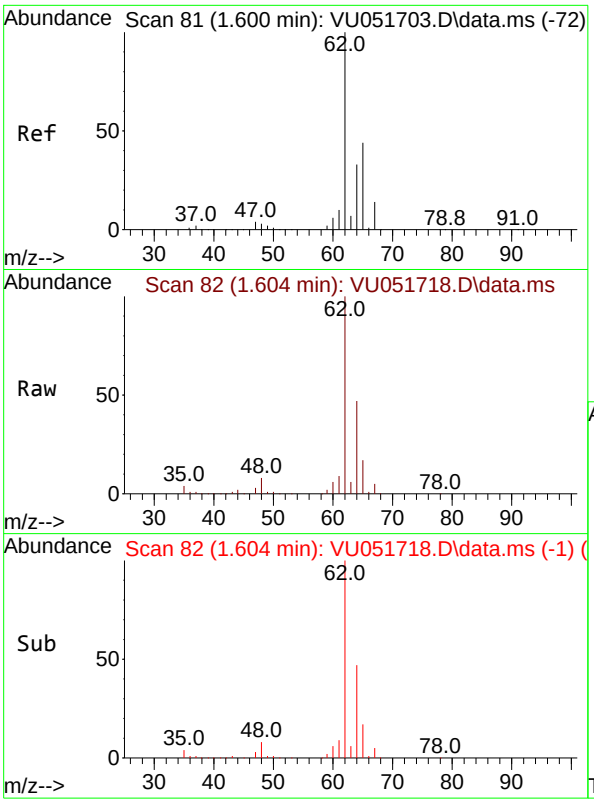


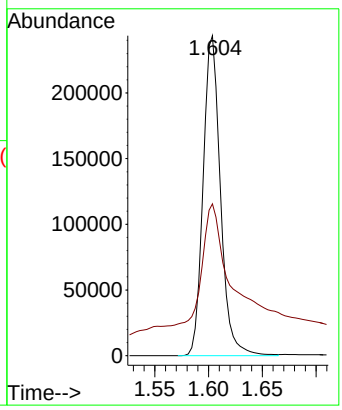


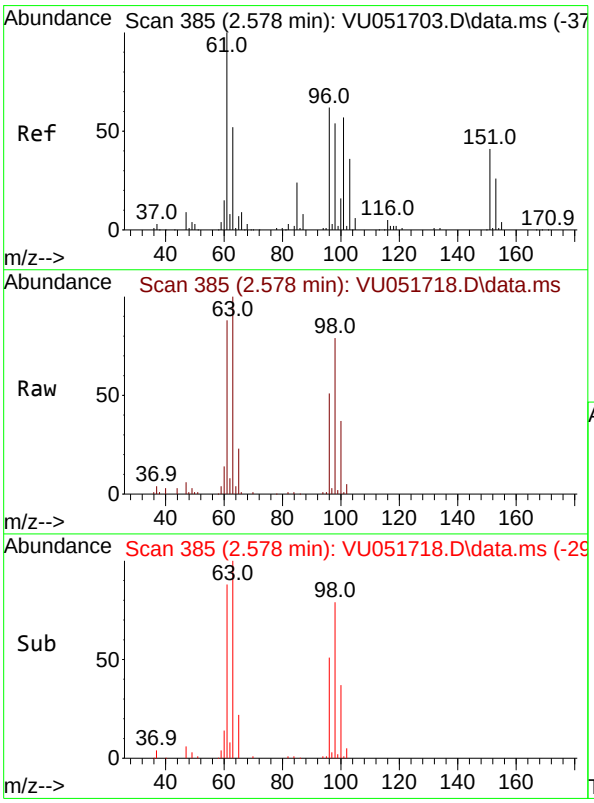
#5
Vinyl chloride
Concen: 11.557 ug/L
RT: 1.604 min Scan# 8
Delta R.T. 0.003 min
Lab File: VU051718.D
Acq: 03 Nov 2022 03:07

Instrument :
MSVOA_U
ClientSampleId :
DBWRO

Tgt Ion: 62 Resp: 272719

Ion	Ratio	Lower	Upper
62	100		
64	47.4	22.1	41.1#

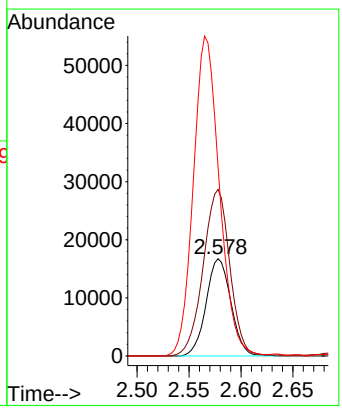


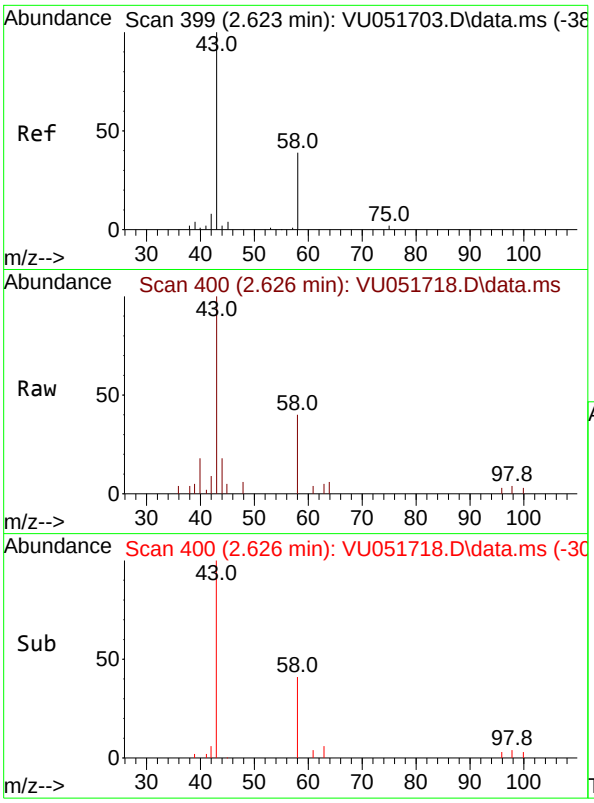


#12
1,1-Dichloroethene
Concen: 1.786 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051718.D
Acq: 03 Nov 2022 03:07

Tgt Ion: 96 Resp: 27751

Ion	Ratio	Lower	Upper
96	100		
61	171.3	108.8	202.0
63	194.7	64.9	120.5#



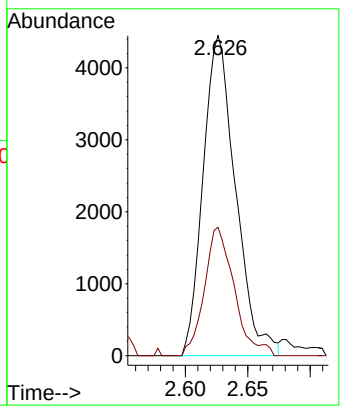


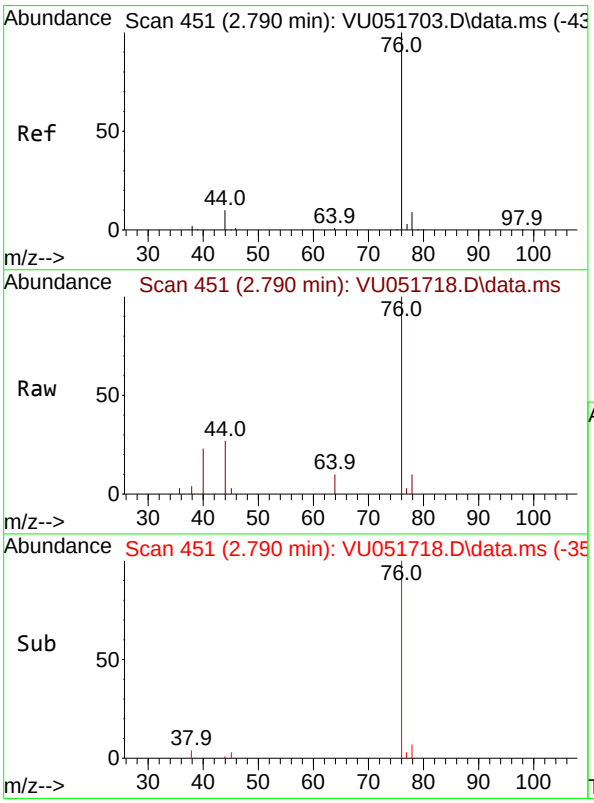
#13
Acetone
Concen: 3.258 ug/L
RT: 2.626 min Scan# 4(
Delta R.T. 0.003 min
Lab File: VU051718.D
Acq: 03 Nov 2022 03:07

Instrument :
MSVOA_U
ClientSampleId :
DBWRO

Tgt Ion: 43 Resp: 8057

Ion	Ratio	Lower	Upper
43	100		
58	36.8	0.0	73.8

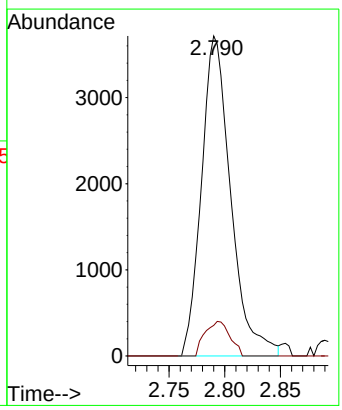


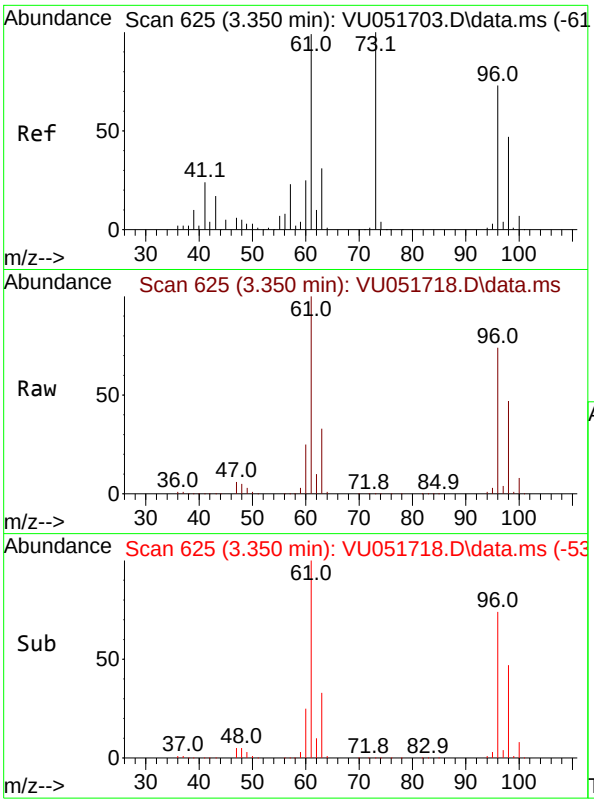


#14
Carbon disulfide
Concen: 0.136 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU051718.D
Acq: 03 Nov 2022 03:07

Tgt Ion: 76 Resp: 6800

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2



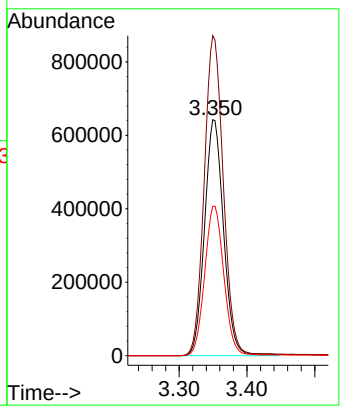


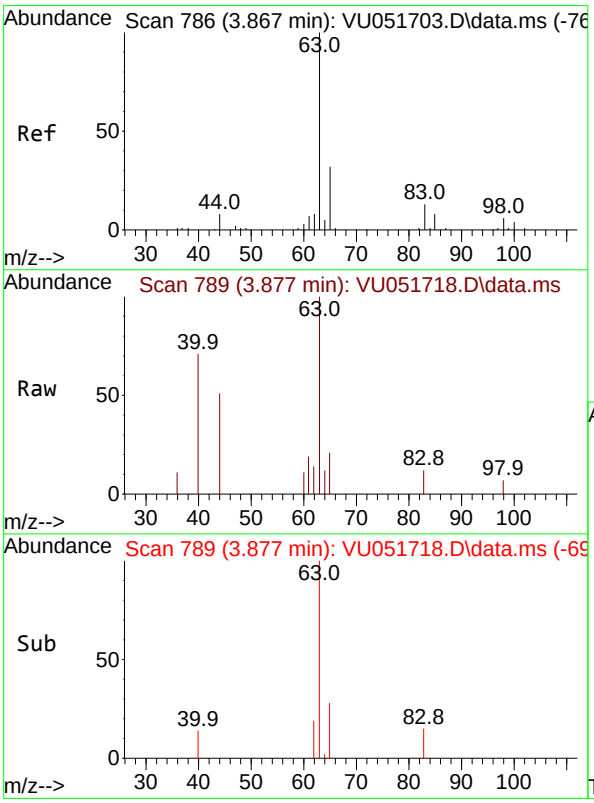
#18
trans-1,2-Dichloroethene
Concen: 75.225 ug/L
RT: 3.350 min Scan# 6
Delta R.T. -0.000 min
Lab File: VU051718.D
Acq: 03 Nov 2022 03:07

Instrument :
MSVOA_U
ClientSampleId :
DBWRO

Tgt Ion: 96 Resp: 1254088

Ion	Ratio	Lower	Upper
96	100		
61	135.6	94.7	175.9
98	63.2	44.2	82.0

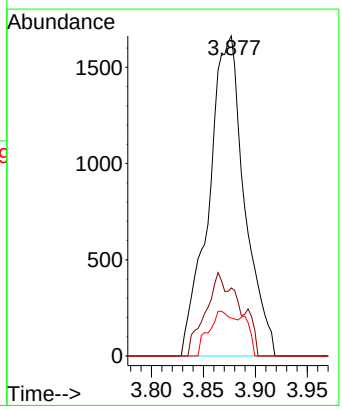


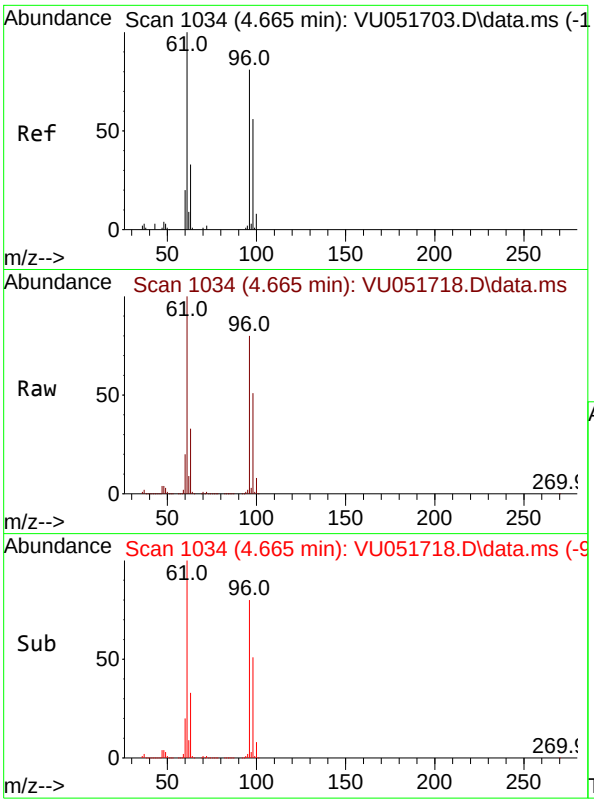


#19
1,1-Dichloroethane
Concen: 0.129 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.010 min
Lab File: VU051718.D
Acq: 03 Nov 2022 03:07

Tgt Ion: 63 Resp: 3979

Ion	Ratio	Lower	Upper
63	100		
65	21.2	22.7	42.1#
83	11.8	9.2	17.0



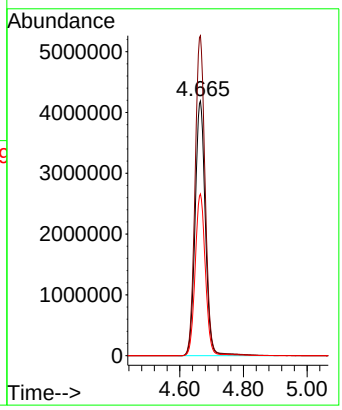


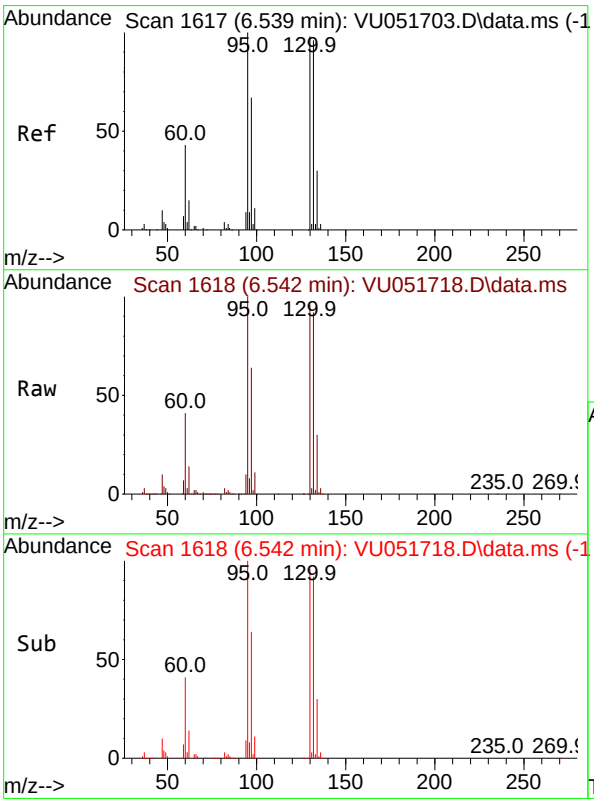
#22
cis-1,2-Dichloroethene
Concen: 505.431 ug/L
RT: 4.665 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051718.D
Acq: 03 Nov 2022 03:07

Instrument :
MSVOA_U
ClientSampleId :
DBWRO

Tgt Ion: 96 Resp: 9323622

Ion	Ratio	Lower	Upper
96	100		
61	125.6	86.4	160.4
98	63.5	44.2	82.2

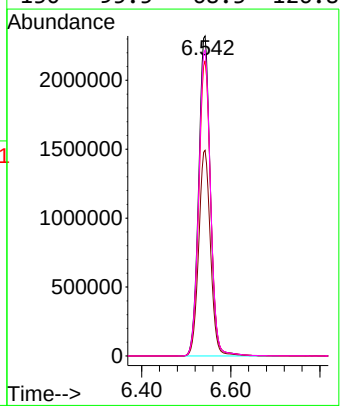


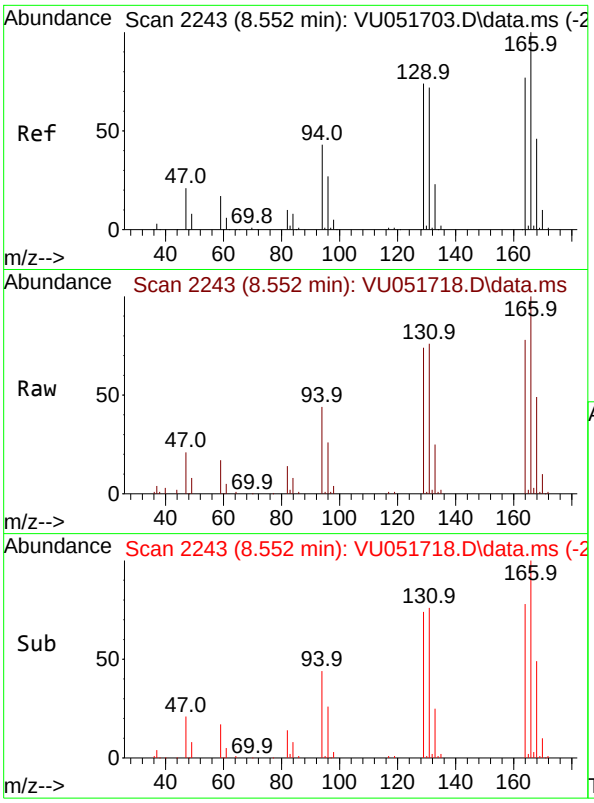


#34
Trichloroethene
Concen: 238.304 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051718.D
Acq: 03 Nov 2022 03:07

Tgt Ion: 95 Resp: 4260906

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.2	84.0
132	92.2	66.5	123.5
130	95.5	68.3	126.8





#47
Tetrachloroethene
Concen: 2.363 ug/L
RT: 8.552 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051718.D
Acq: 03 Nov 2022 03:07

Instrument :
MSVOA_U
ClientSampleId :
DBWRO

Tgt Ion:164 Resp: 32364

Ion	Ratio	Lower	Upper
164	100		
129	94.6	64.0	118.8
131	96.4	60.7	112.7
166	127.4	86.8	161.2