Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
Data File : VU058529.D
Acq On : 09 Apr 2024 21:32
Operator : MD/SY
Sample : P1970-11 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Quant Time: Apr 10 02:16:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 10 02:08:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63712	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22519	5.339	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.800%			
7) Chloroethane-d5	1.904	69	19135	5.220	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.400%			
11) 1,1-Dichloroethene-d2	2.560	65	10016	5.246	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.000%			
20) 2-Butanone-d5	4.631	46	39859	44.839	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.680%			
24) Chloroform-d	5.052	84	40812	4.847	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.695	65	19514	4.966	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.400%			
32) Benzene-d6	5.718	84	83239	4.897	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
36) 1,2-Dichloropropane-d6	6.682	67	26714	5.011	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.200%			
41) Toluene-d8	7.891	98	69353	4.601	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
43) trans-1,3-Dichloroprop...	8.177	79	7183	4.341	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.800%			
46) 2-Hexanone-d5	8.631	63	27072	39.668	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.340%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14900	3.959	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	19856	4.454	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	1607	0.356	ug/L #	1
16) Methylene chloride	3.036	84	2935	0.490	ug/L	95
19) 1,1-Dichloroethane	3.862	63	2052	0.199	ug/L	91
29) 1,1,1-Trichloroethane	5.306	97	8150	0.963	ug/L	98

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

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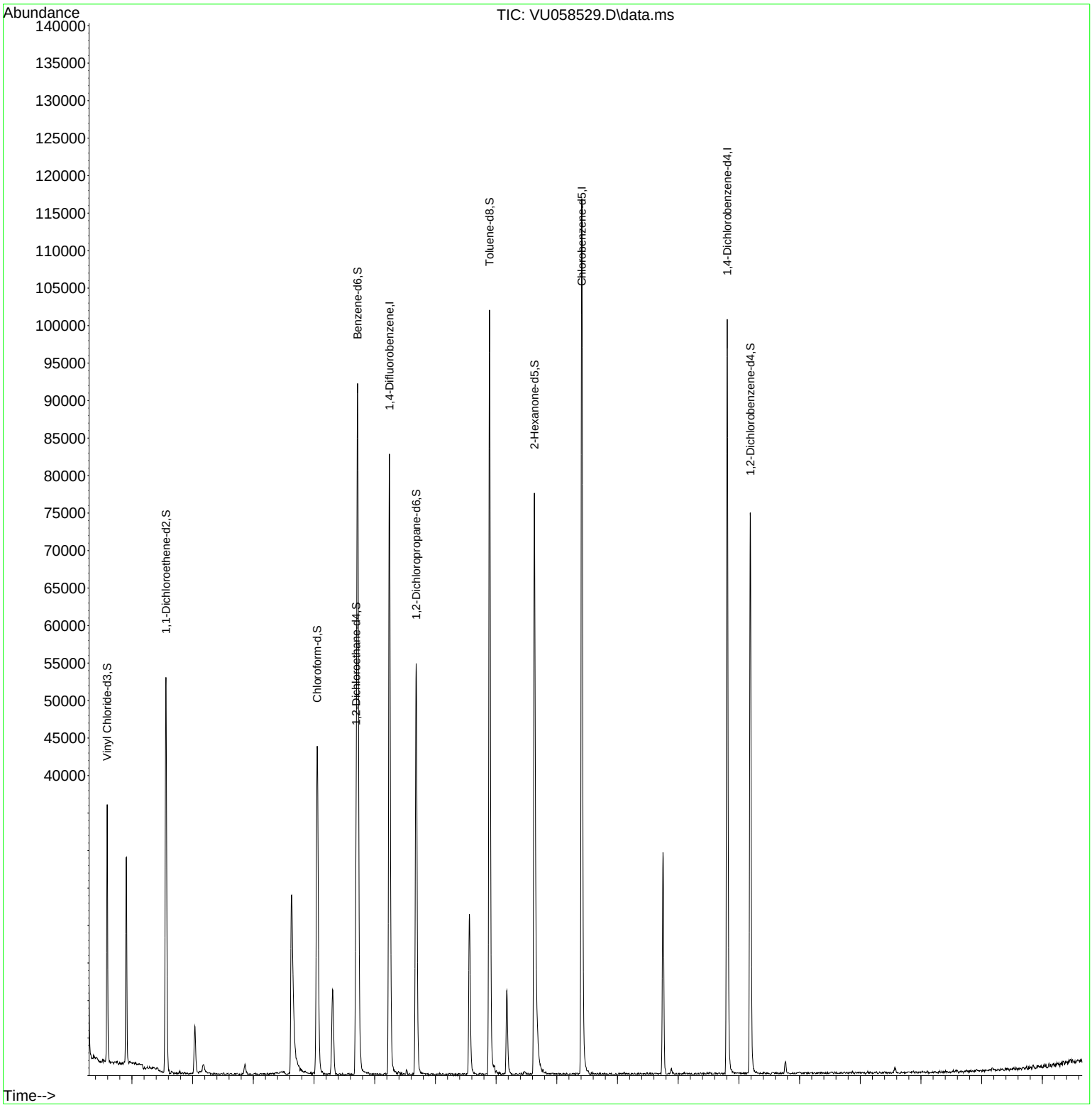
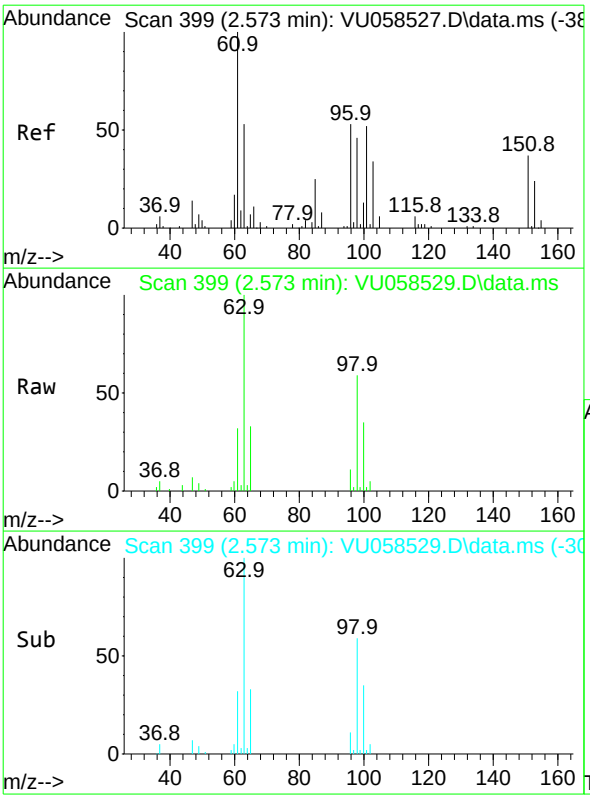


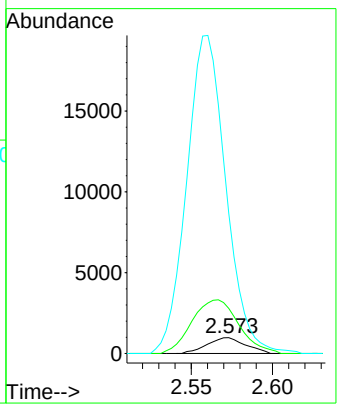


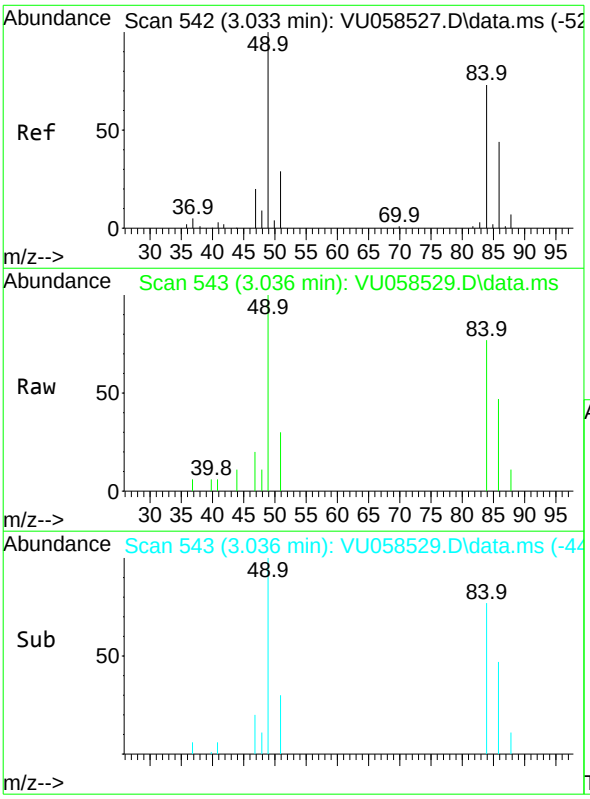
#12
1,1-Dichloroethene
Concen: 0.356 ug/L
RT: 2.573 min Scan# 39
Delta R.T. -0.000 min
Lab File: VU058529.D
Acq: 09 Apr 2024 21:32

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Tgt Ion: 96 Resp: 1607

Ion	Ratio	Lower	Upper
96	100		
61	285.4	132.5	246.1#
63	886.9	87.7	162.9#

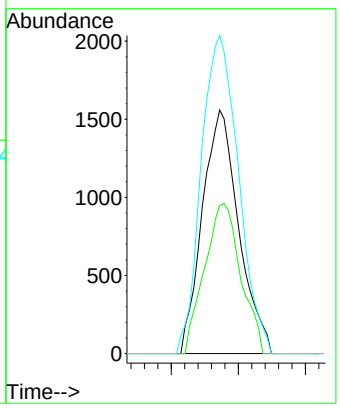


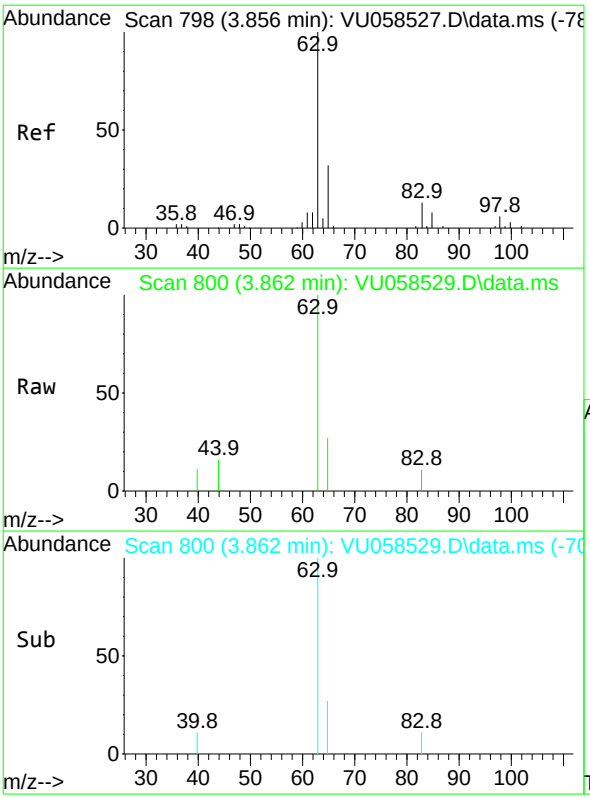


#16
Methylene chloride
Concen: 0.490 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058529.D
Acq: 09 Apr 2024 21:32

Tgt Ion: 84 Resp: 2935

Ion	Ratio	Lower	Upper
84	100		
86	60.9	44.3	82.3
49	130.6	96.0	178.2



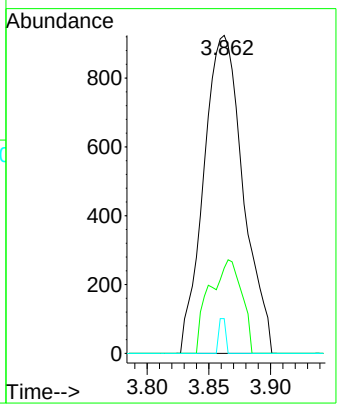


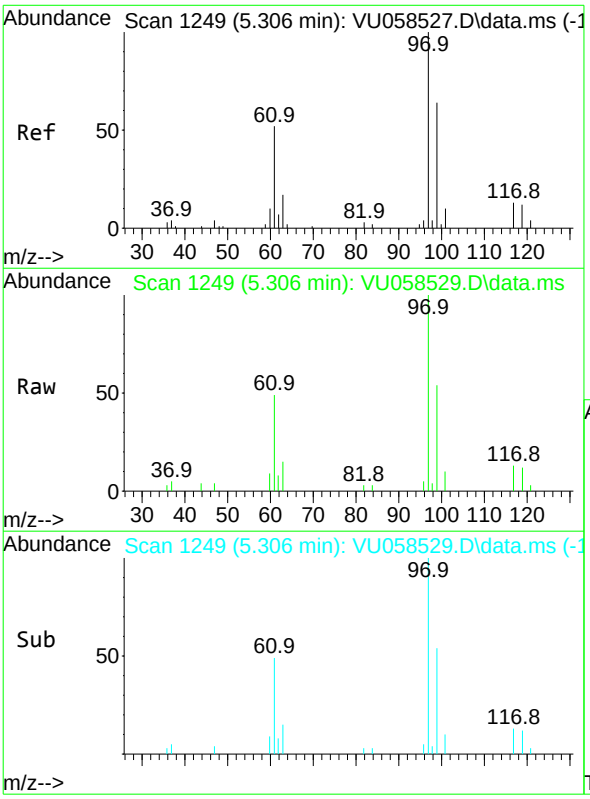
#19
1,1-Dichloroethane
Concen: 0.199 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.006 min
Lab File: VU058529.D
Acq: 09 Apr 2024 21:32

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Tgt Ion: 63 Resp: 2052

Ion	Ratio	Lower	Upper
63	100		
65	26.8	22.9	42.5
83	10.9	9.6	17.8





#29
1,1,1-Trichloroethane
Concen: 0.963 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058529.D
Acq: 09 Apr 2024 21:32

Tgt Ion: 97 Resp: 8150

Ion	Ratio	Lower	Upper
97	100		
99	62.5	50.4	75.6
61	51.8	39.4	59.0