Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
Data File : VU052245.D
Acq On : 08 Dec 2022 13:46
Operator : JC/MD
Sample : N5918-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0EG0

Quant Time: Dec 08 22:31:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	76881	3.802	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.000%			
7) Chloroethane-d5	1.916	69	70553	4.493	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.800%			
11) 1,1-Dichloroethene-d2	2.568	65	30177	4.164	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	4.639	46	227545	62.088	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.180%			
24) Chloroform-d	5.063	84	152846	5.145	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
26) 1,2-Dichloroethane-d4	5.700	65	79826	5.320	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	5.726	84	297524	4.592	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.687	67	102163	5.095	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.800%			
41) Toluene-d8	7.896	98	230737	3.936	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.800%			
43) trans-1,3-Dichloroprop...	8.179	79	31904	4.366	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.400%			
46) 2-Hexanone-d5	8.636	63	163215	52.705	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.420%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94891	5.458	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.200%			
66) 1,2-Dichlorobenzene-d4	12.188	152	89504	5.182	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.600%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	6570	0.436	ug/L #	1
13) Acetone	2.665	43	7190	2.889	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	3702	0.218	ug/L	77
29) 1,1,1-Trichloroethane	5.324	97	1761	0.073	ug/L #	81
34) Trichloroethene	6.542	95	5906	0.333	ug/L	97

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

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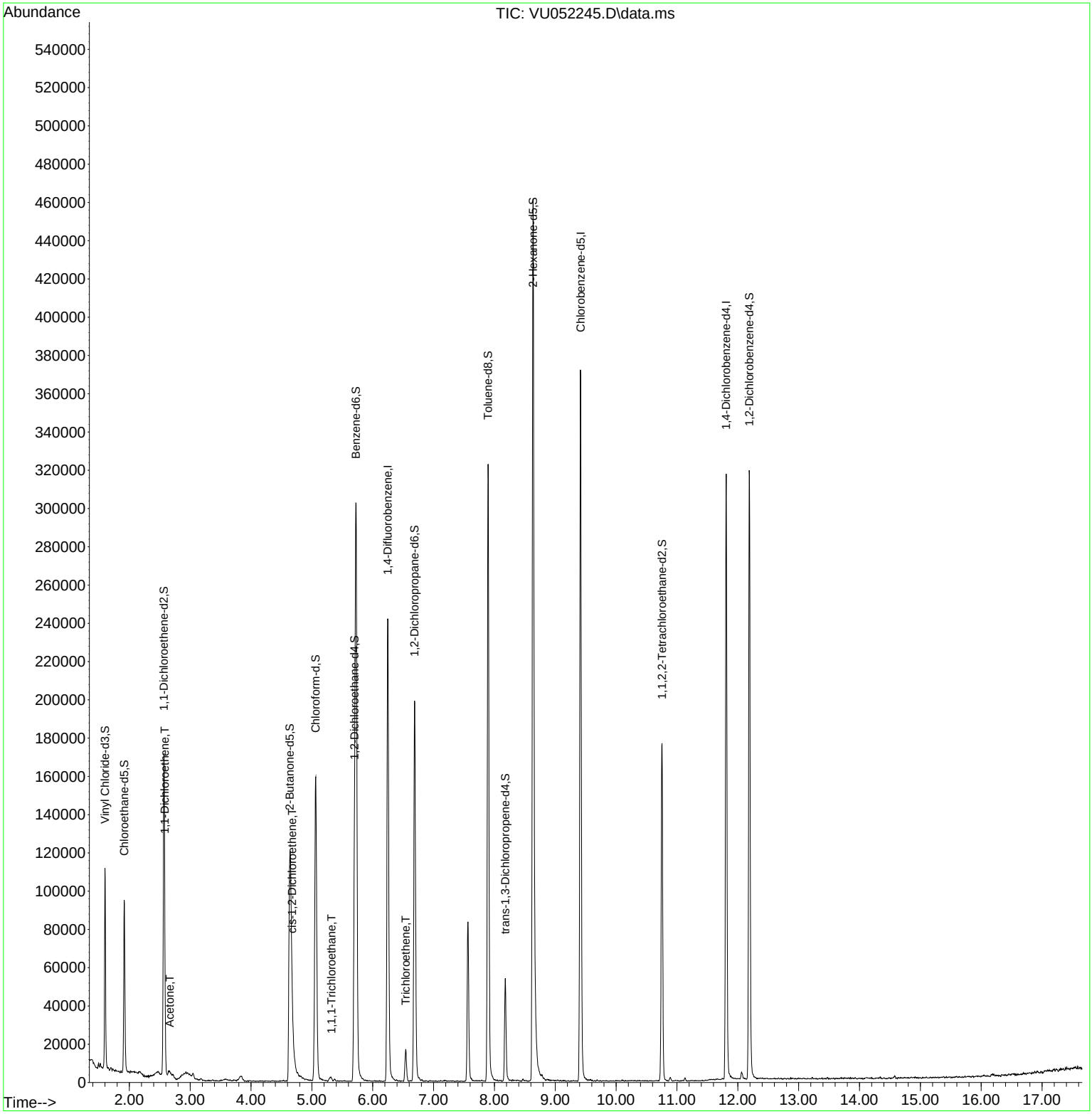
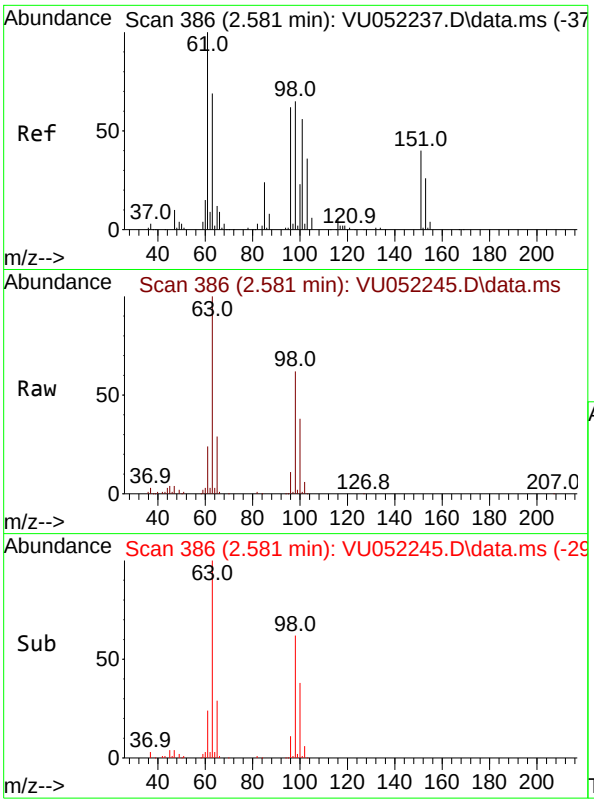


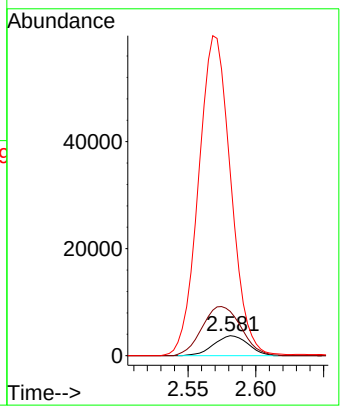


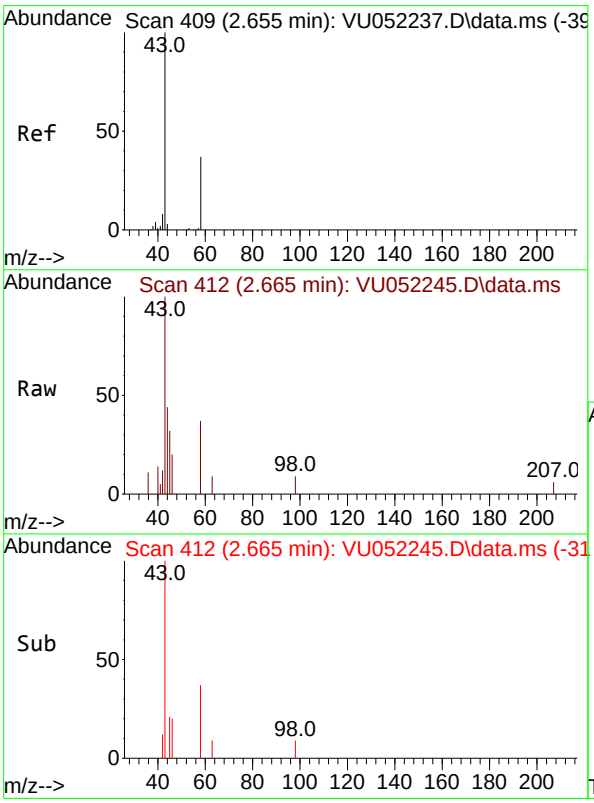
#12
1,1-Dichloroethene
Concen: 0.436 ug/L
RT: 2.581 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
C0EG0

Tgt Ion: 96 Resp: 6570

Ion	Ratio	Lower	Upper
96	100		
61	221.5	114.8	213.2#
63	920.2	93.7	174.1#

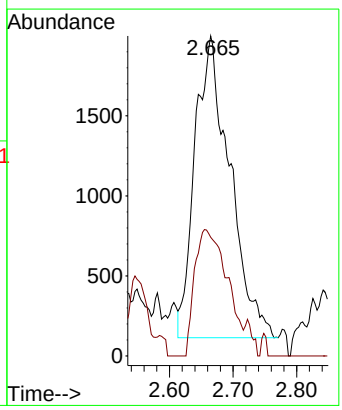


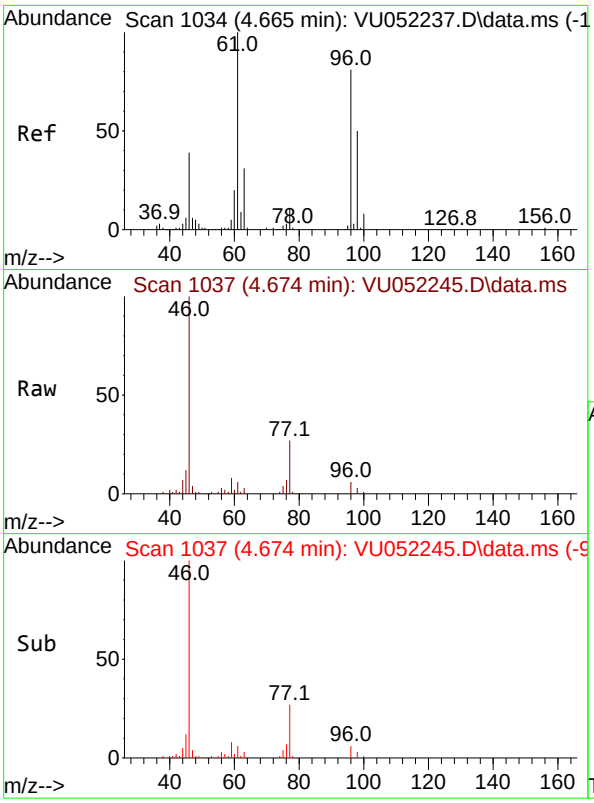


#13
Acetone
Concen: 2.889 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.019 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Tgt Ion: 43 Resp: 7190

Ion	Ratio	Lower	Upper
43	100		
58	38.9	0.0	76.0



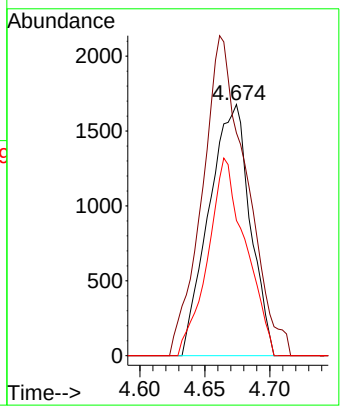


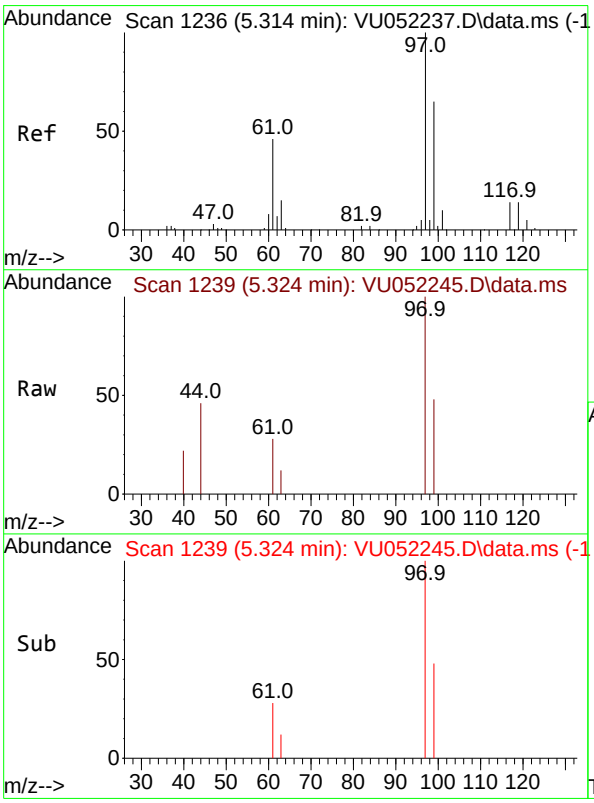
#22
cis-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 4.674 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
C0EG0

Tgt Ion: 96 Resp: 3702

Ion	Ratio	Lower	Upper
96	100		
61	88.6	85.1	158.1
98	53.8	42.8	79.6

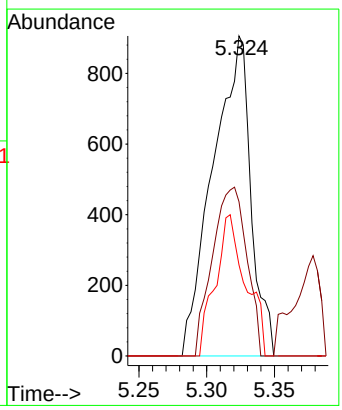


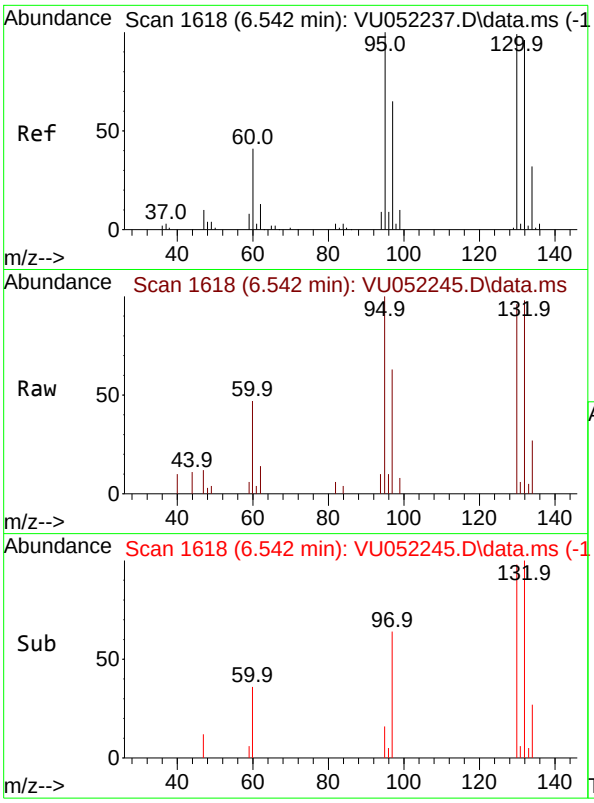


#29
1,1,1-Trichloroethane
Concen: 0.073 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.010 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Tgt Ion: 97 Resp: 1761

Ion	Ratio	Lower	Upper
97	100		
99	47.8	51.0	76.6#
61	35.4	36.9	55.3#





#34
Trichloroethene
Concen: 0.333 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052245.D
Acq: 08 Dec 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
C0EG0

Tgt Ion: 95 Resp: 5906

Ion	Ratio	Lower	Upper
95	100		
97	63.1	43.7	81.1
132	98.2	64.3	119.3
130	96.0	67.3	124.9