Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
Data File : VU055309.D
Acq On : 14 Sep 2023 16:26
Operator : MD/SY
Sample : 04387-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ8

Quant Time: Sep 15 03:02:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 15 02:53:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179440	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	86226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53924	6.420	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 128.400%			
7) Chloroethane-d5	1.908	69	53679	5.521	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.400%			
11) 1,1-Dichloroethene-d2	2.563	65	20428	4.269	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.400%			
20) 2-Butanone-d5	4.631	46	98172	40.278	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.560%			
24) Chloroform-d	5.062	84	97198	4.361	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
26) 1,2-Dichloroethane-d4	5.702	65	49248	4.417	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
32) Benzene-d6	5.724	84	197911	4.468	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	6.689	67	60985	4.329	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.600%			
41) Toluene-d8	7.898	98	162837	3.991	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.800%			
43) trans-1,3-Dichloroprop...	8.181	79	18738	4.830	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.600%			
46) 2-Hexanone-d5	8.634	63	59972	38.076	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.160%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	40879	4.126	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.600%			
66) 1,2-Dichlorobenzene-d4	12.193	152	55514	4.411	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.200%			
Target Compounds						Qvalue
13) Acetone	2.637	43	13439	8.227	ug/L	96
14) Carbon disulfide	2.789	76	3071	0.151	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	2087	0.203	ug/L	91
34) Trichloroethene	6.544	95	5812	0.548	ug/L	93

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

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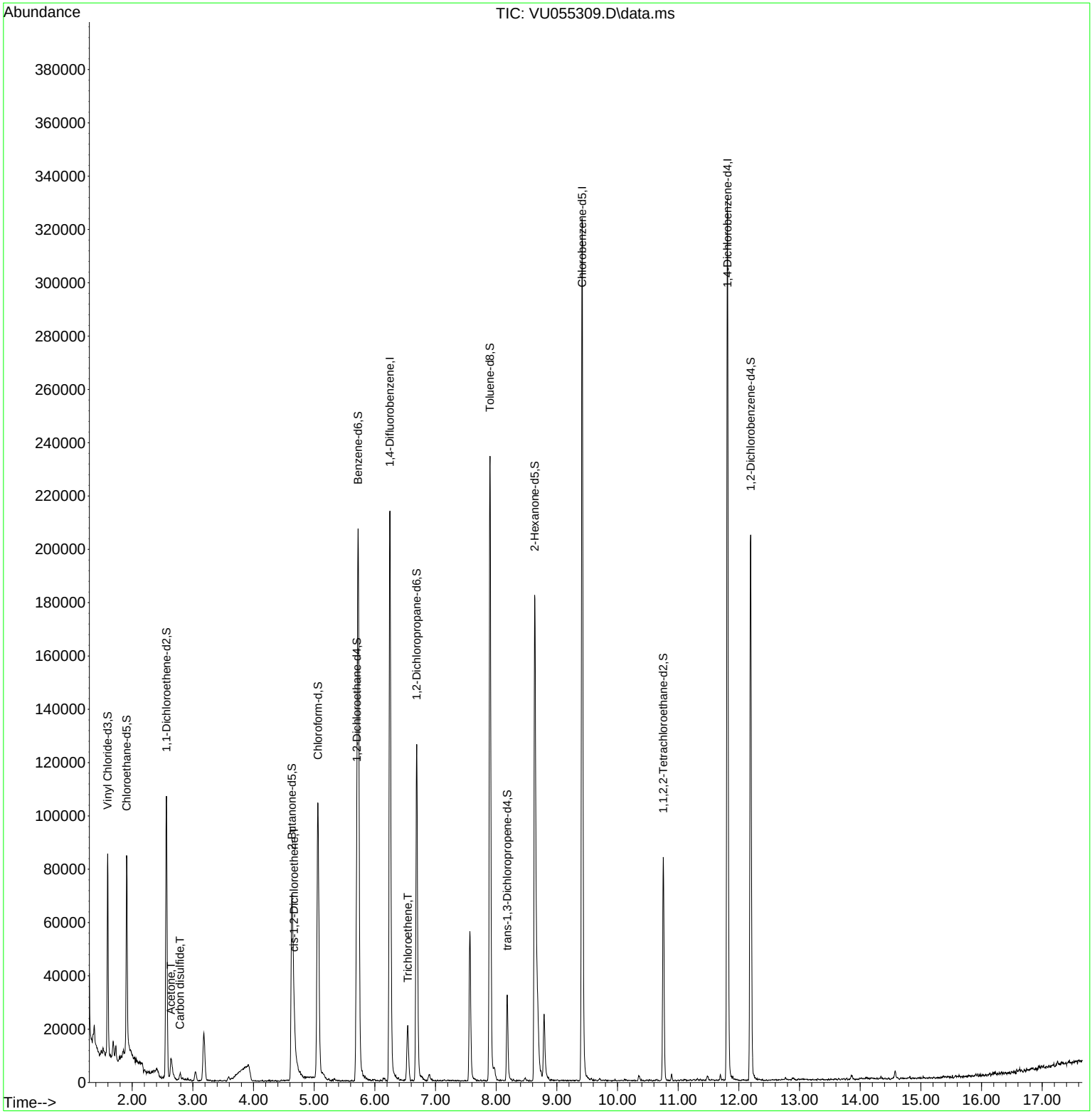
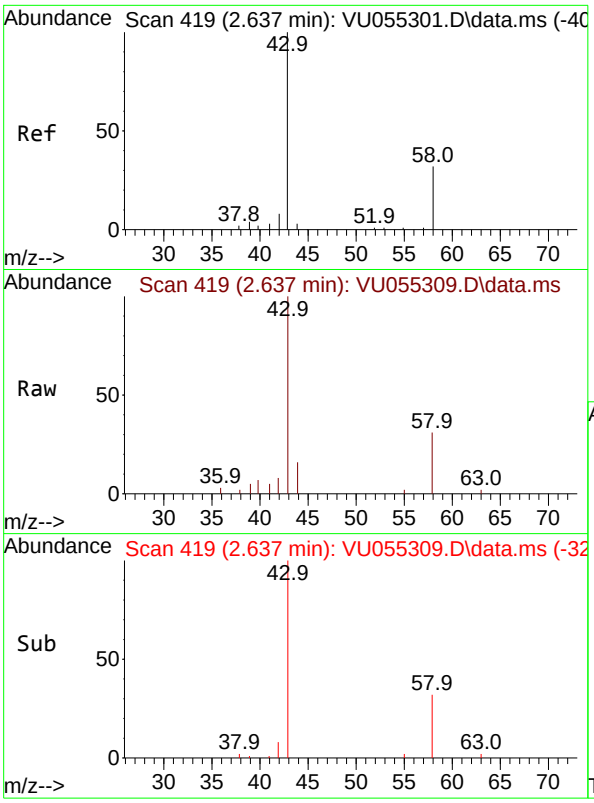


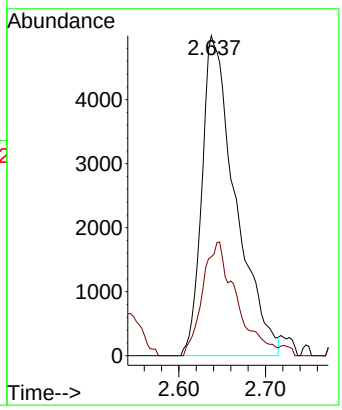


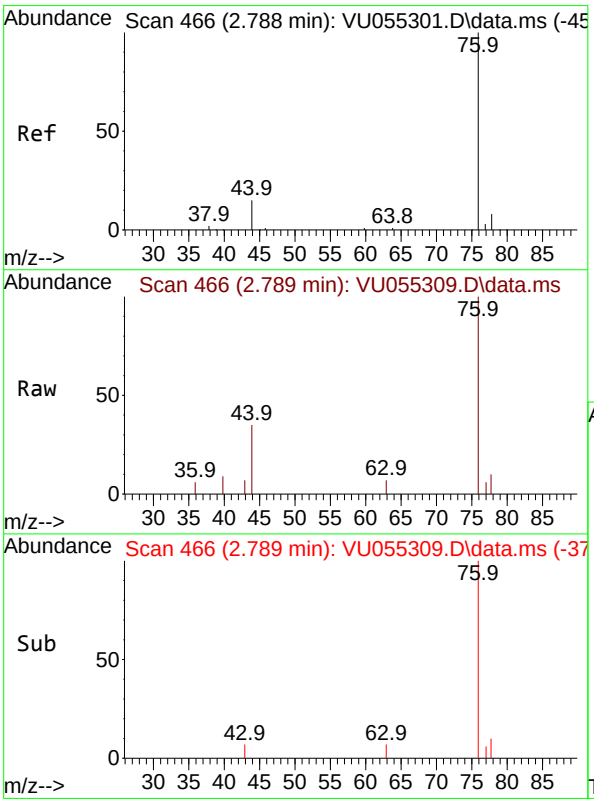
#13
Acetone
Concen: 8.227 ug/L
RT: 2.637 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU055309.D
Acq: 14 Sep 2023 16:26

Instrument :
MSVOA_U
ClientSampleId :
C0AJ8

Tgt Ion: 43 Resp: 13439

Ion	Ratio	Lower	Upper
43	100		
58	36.1	0.0	67.8

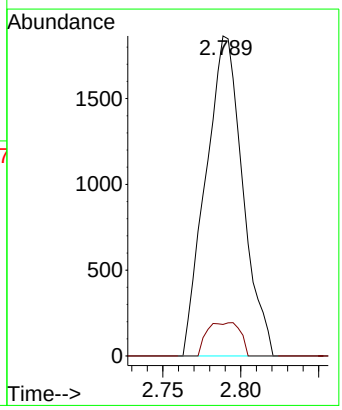


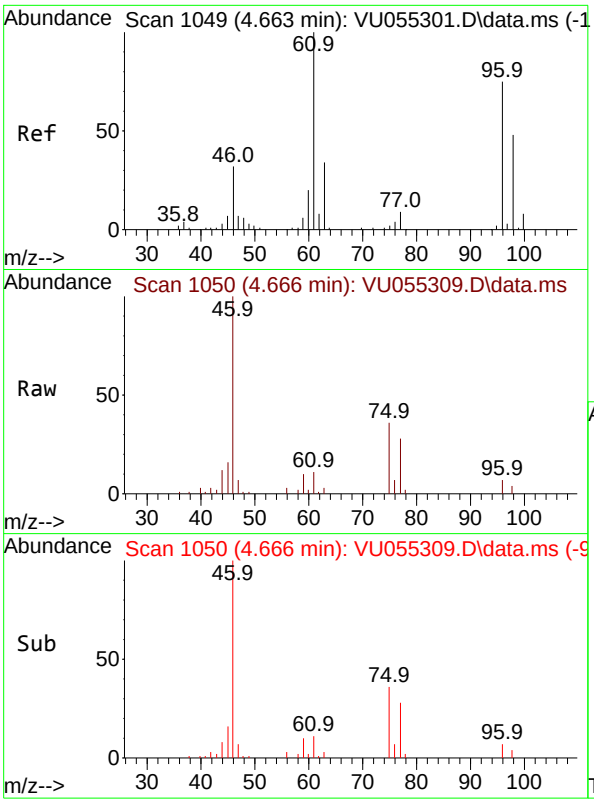


#14
Carbon disulfide
Concen: 0.151 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU055309.D
Acq: 14 Sep 2023 16:26

Tgt Ion: 76 Resp: 3071

Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.8	10.2



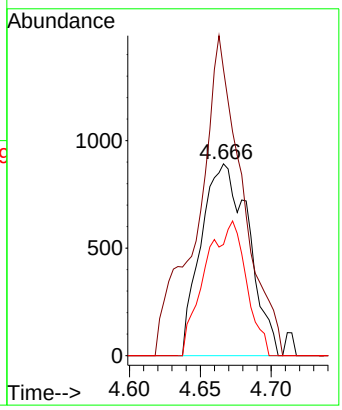


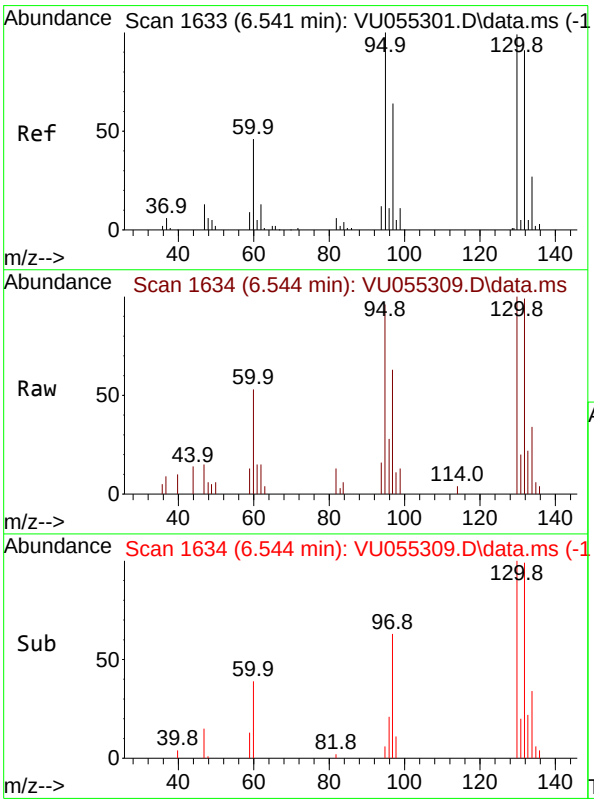
#22
cis-1,2-Dichloroethene
Concen: 0.203 ug/L
RT: 4.666 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055309.D
Acq: 14 Sep 2023 16:26

Instrument :
MSVOA_U
ClientSampleId :
C0AJ8

Tgt Ion: 96 Resp: 2087

Ion	Ratio	Lower	Upper
96	100		
61	149.2	97.2	180.4
98	58.0	46.1	85.7





#34
Trichloroethene
Concen: 0.548 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VU055309.D
Acq: 14 Sep 2023 16:26

Tgt Ion: 95 Resp: 5812

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.7	83.1
132	102.1	66.6	123.6
130	103.7	66.5	123.5