Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
Data File : VV030448.D
Acq On : 07 Apr 2023 17:20
Operator : SY/MD
Sample : 02225-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Quant Time: Apr 10 03:58:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 10 03:52:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32062	3.741	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.800%			
7) Chloroethane-d5	1.536	69	34755	4.178	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.600%			
11) 1,1-Dichloroethene-d2	2.063	63	61456	3.022	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.400%			
20) 2-Butanone-d5	3.815	46	92968	41.963	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.920%			
24) Chloroform-d	4.262	84	89146	4.297	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.000%			
26) 1,2-Dichloroethane-d4	4.953	65	44933	4.591	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	4.973	84	155405	4.343	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	5.995	67	49234	4.395	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.000%			
41) Toluene-d8	7.252	98	134615	4.097	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.000%			
43) trans-1,3-Dichloroprop...	7.564	79	15977	3.788	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.800%			
46) 2-Hexanone-d5	8.034	63	67682	39.936	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.880%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36064	4.085	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.600%			
66) 1,2-Dichlorobenzene-d4	11.570	152	53945	4.845	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.000%			
Target Compounds						Qvalue
8) Chloroethane	1.555	64	5786	0.667	ug/L	87
12) 1,1-Dichloroethene	2.076	96	4383	0.405	ug/L #	1
19) 1,1-Dichloroethane	3.117	63	776040	35.139	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	6822	0.334	ug/L	98

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

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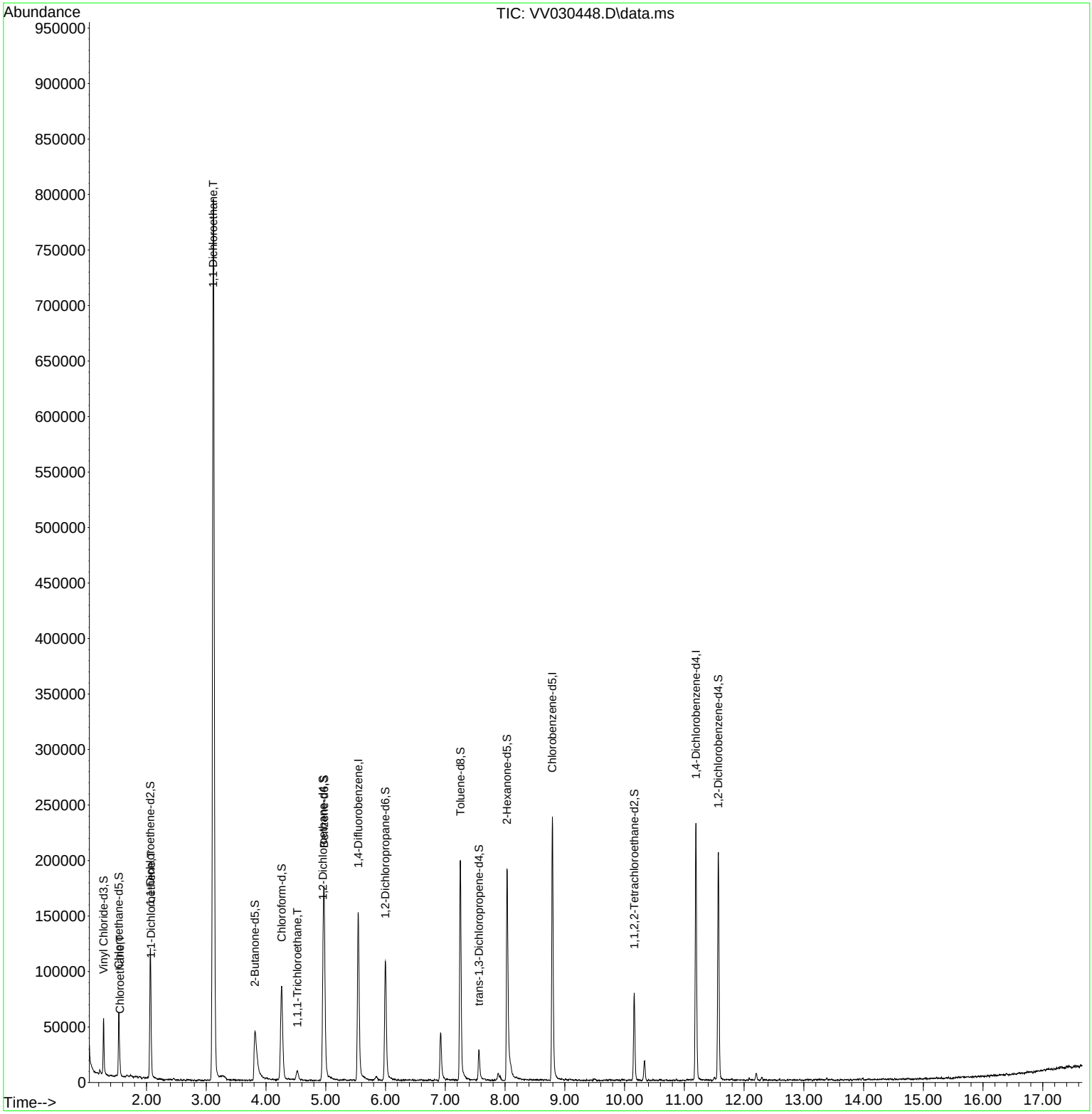
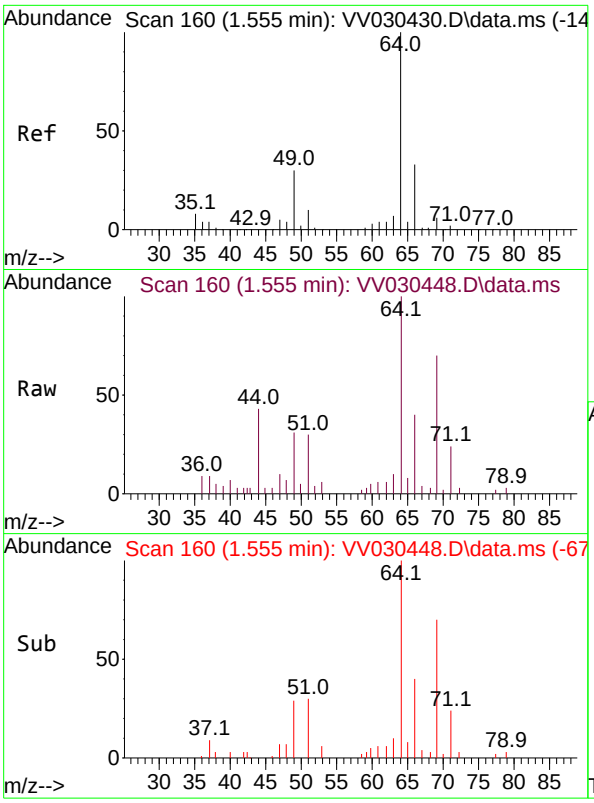


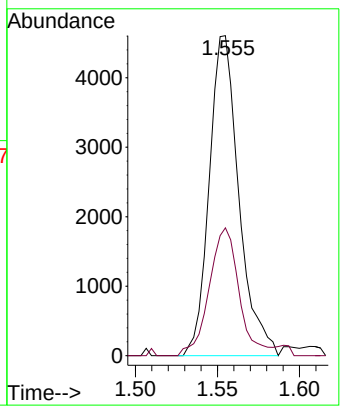


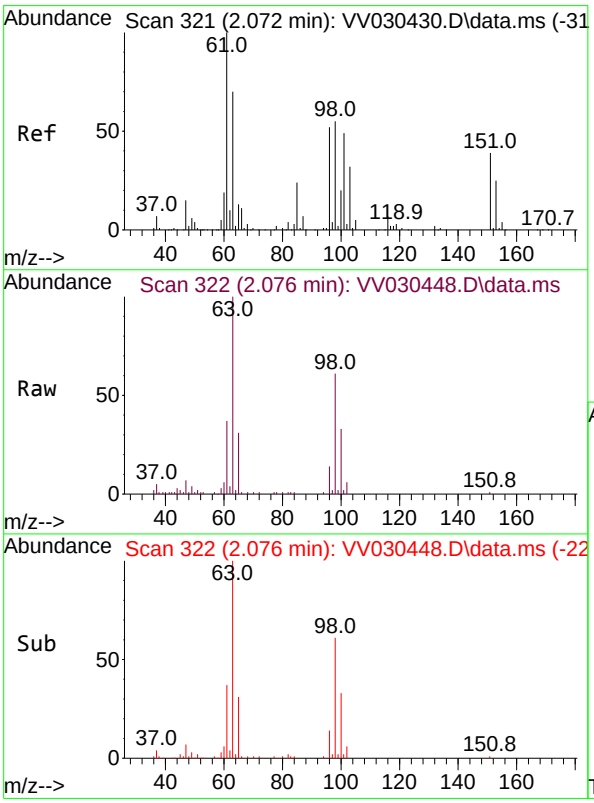
#8
Chloroethane
Concen: 0.667 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Tgt Ion: 64 Resp: 5786

Ion	Ratio	Lower	Upper
64	100		
66	40.0	23.0	42.8

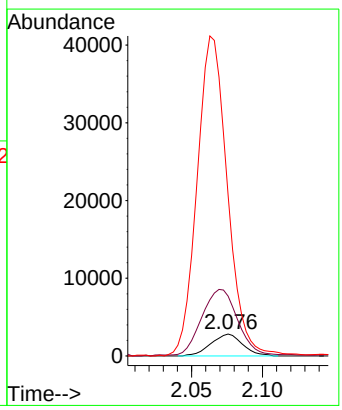


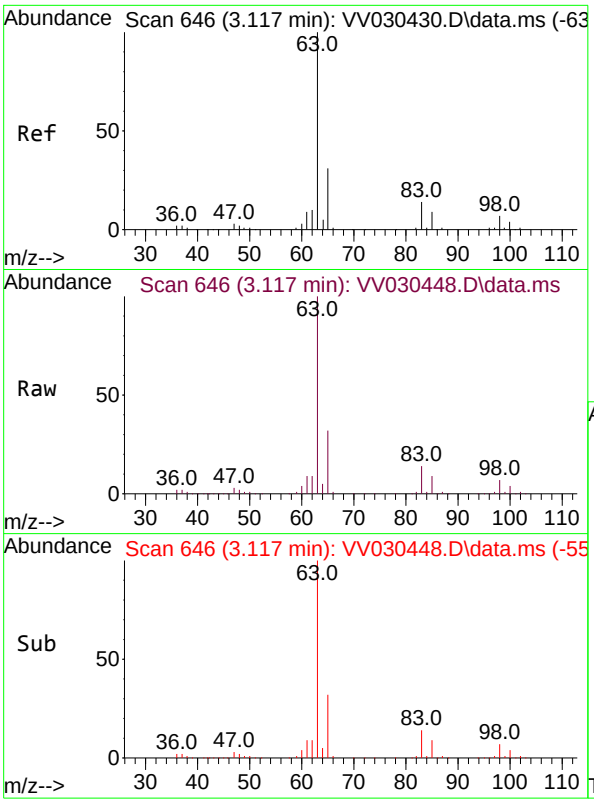


#12
1,1-Dichloroethene
Concen: 0.405 ug/L
RT: 2.076 min Scan# 322
Delta R.T. 0.003 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

Tgt Ion: 96 Resp: 4383

Ion	Ratio	Lower	Upper
96	100		
61	272.6	136.3	253.1#
63	732.3	92.1	171.1#



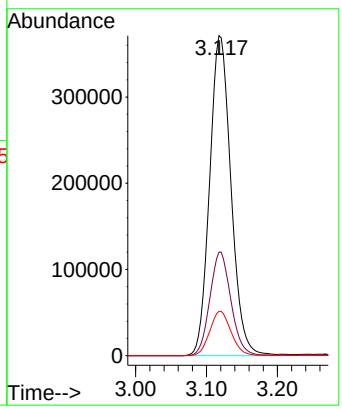


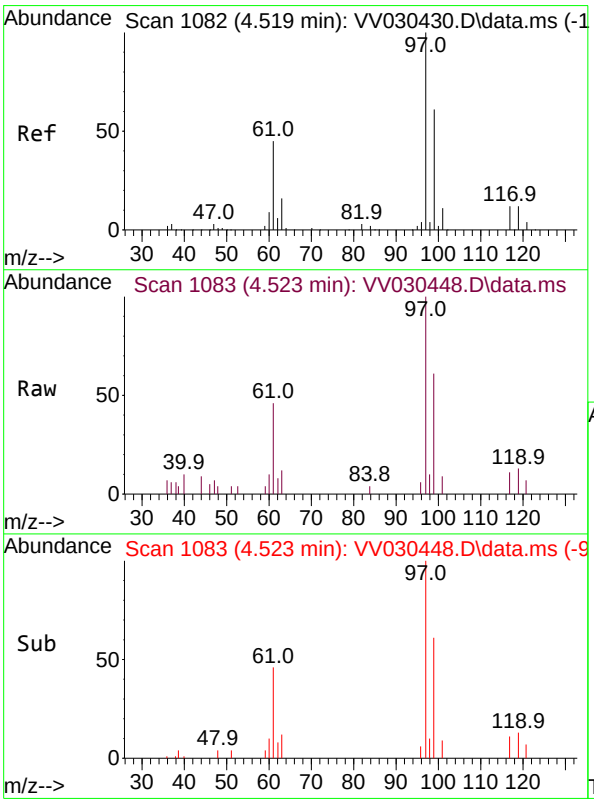
#19
1,1-Dichloroethane
Concen: 35.139 ug/L
RT: 3.117 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Tgt Ion: 63 Resp: 776040

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.7	40.3
83	13.8	9.1	16.9





#29
1,1,1-Trichloroethane
Concen: 0.334 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

Tgt Ion: 97 Resp: 6822

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.9	76.3
61	47.9	35.9	53.9