Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
Data File : VU055543.D
Acq On : 27 Sep 2023 02:44
Operator : MD/SY
Sample : VIBLK145
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK145

Quant Time: Sep 27 06:38:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 06:19:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	262448	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	267928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	133611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	102642	3.870	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.400%			
7) Chloroethane-d5	1.911	69	71653	3.065	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 61.400%#			
11) 1,1-Dichloroethene-d2	2.563	65	46680	4.275	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.600%			
20) 2-Butanone-d5	4.624	46	206325	43.064	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.120%			
24) Chloroform-d	5.058	84	202596	4.223	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
26) 1,2-Dichloroethane-d4	5.698	65	97035	4.205	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
32) Benzene-d6	5.724	84	414495	4.423	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
36) 1,2-Dichloropropane-d6	6.685	67	131370	4.692	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.800%			
41) Toluene-d8	7.894	98	363345	4.254	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	8.177	79	41943	4.268	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.400%			
46) 2-Hexanone-d5	8.630	63	119687	40.044	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.080%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90501	4.313	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	128348	4.759	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	5192	0.214	ug/L #	1
14) Carbon disulfide	2.792	76	12729	0.231	ug/L	95
16) Methylene chloride	3.042	84	49667	2.259	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	9640	0.450	ug/L	95

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

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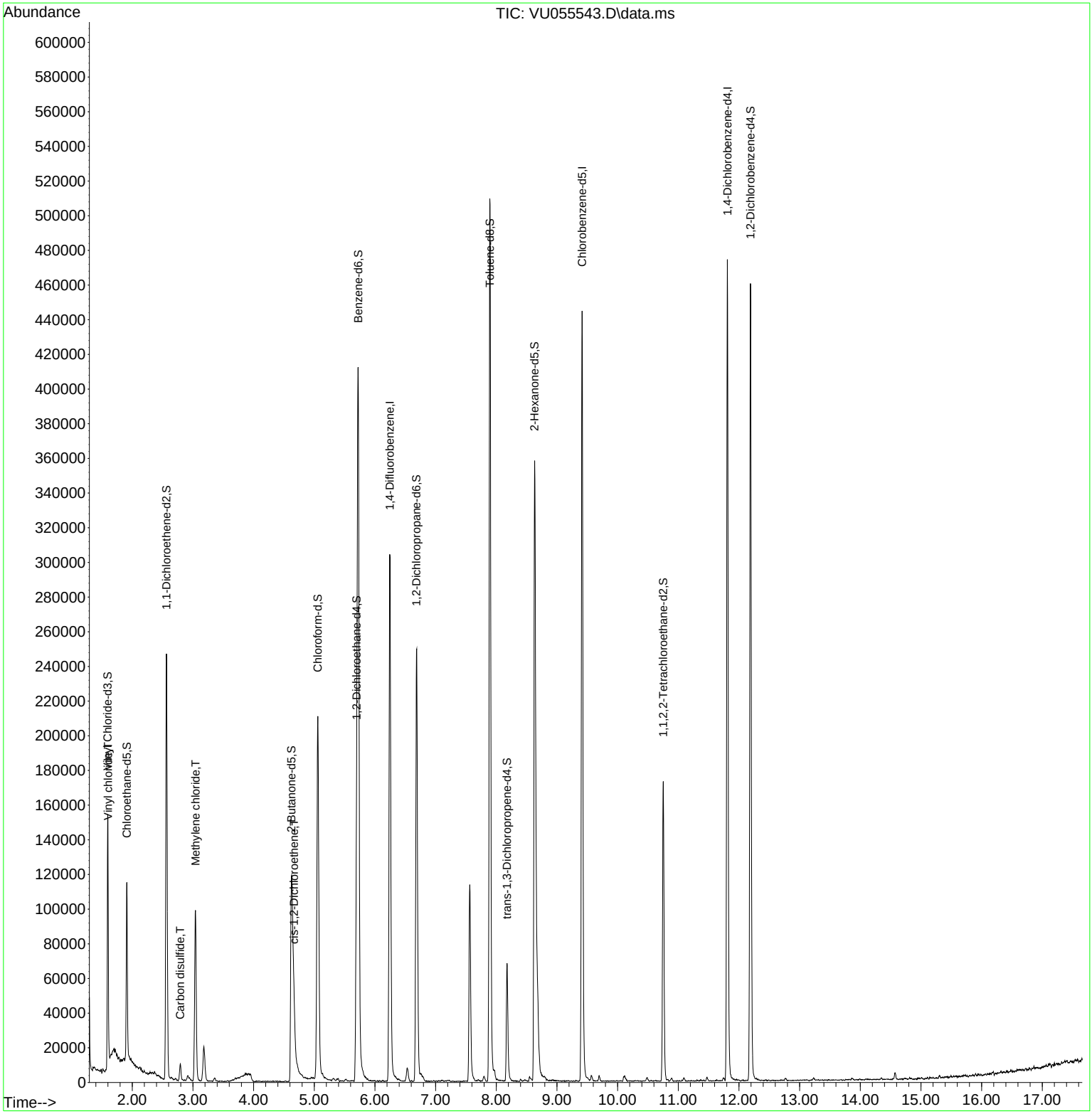
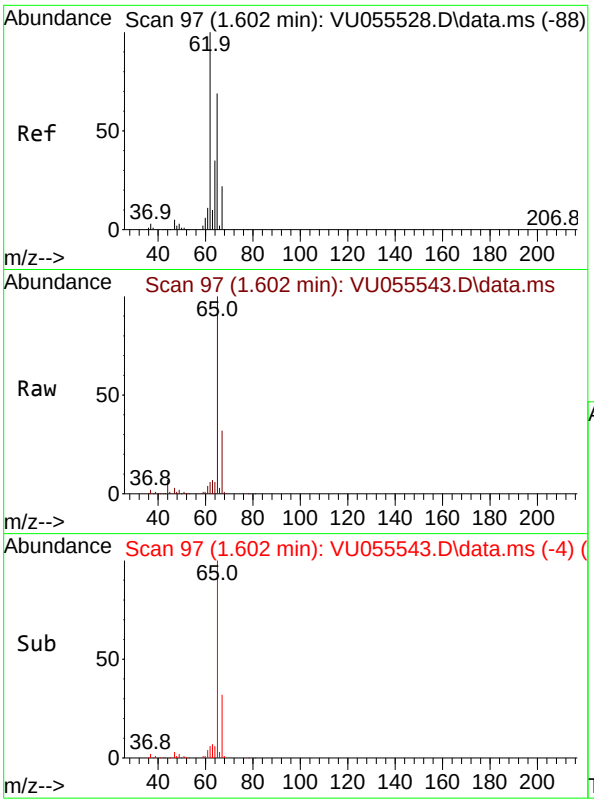


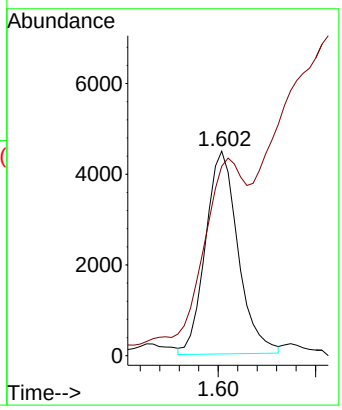


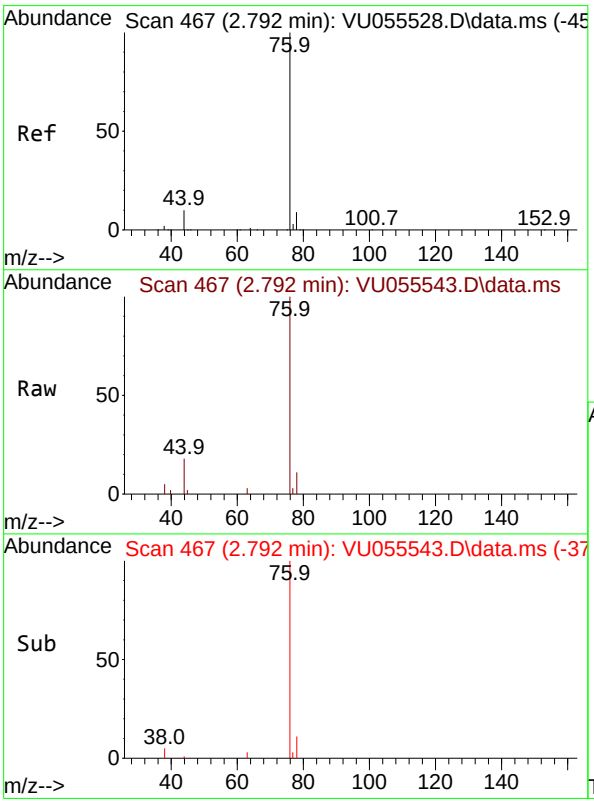
#5
Vinyl chloride
Concen: 0.214 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU055543.D
Acq: 27 Sep 2023 02:44

Instrument :
MSVOA_U
ClientSampleId :
VIBLK145

Tgt Ion: 62 Resp: 5192

Ion	Ratio	Lower	Upper
62	100		
64	92.6	22.3	41.5#

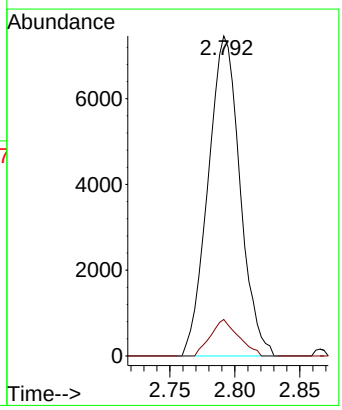


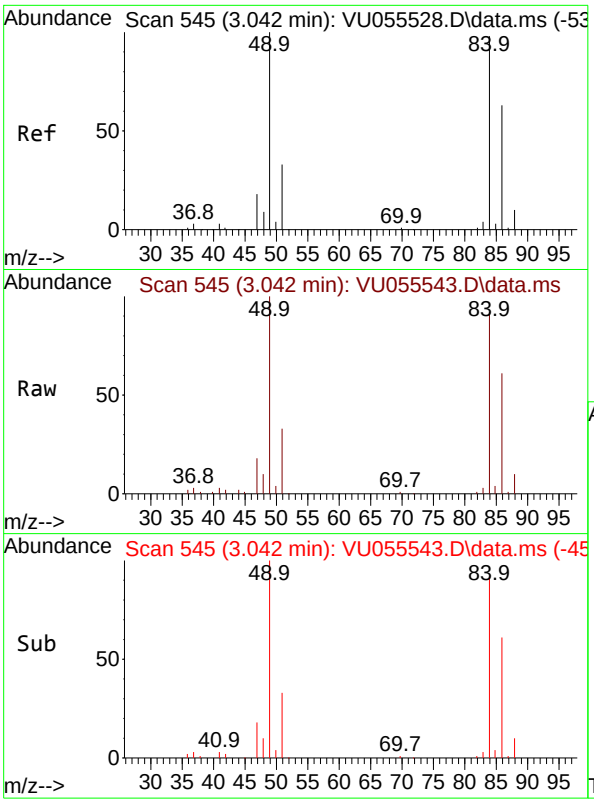


#14
Carbon disulfide
Concen: 0.231 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU055543.D
Acq: 27 Sep 2023 02:44

Tgt Ion: 76 Resp: 12729

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.7	11.5



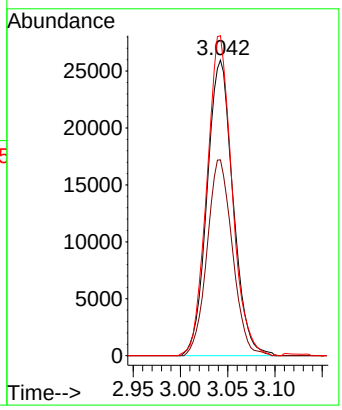


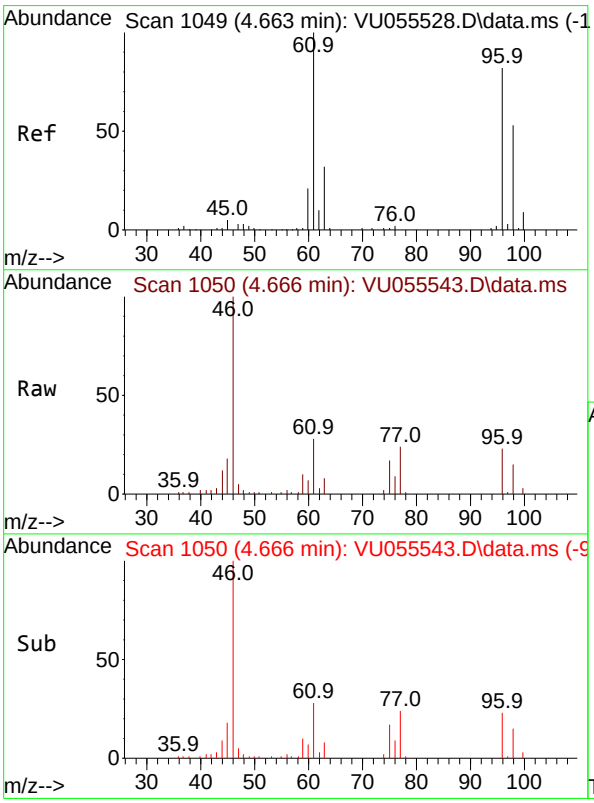
#16
Methylene chloride
Concen: 2.259 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055543.D
Acq: 27 Sep 2023 02:44

Instrument :
MSVOA_U
ClientSampleId :
VIBLK145

Tgt Ion: 84 Resp: 49667

Ion	Ratio	Lower	Upper
84	100		
86	66.3	44.9	83.3
49	108.3	78.8	146.3





#22
cis-1,2-Dichloroethene
Concen: 0.450 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055543.D
Acq: 27 Sep 2023 02:44

Tgt Ion: 96 Resp: 9640

Ion	Ratio	Lower	Upper
96	100		
61	118.9	87.8	163.2
98	66.1	44.4	82.4