Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
Data File : VU057200.D
Acq On : 22 Dec 2023 19:22
Operator : MD/SY
Sample : 05894-07DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH3K7DL

Quant Time: Dec 22 22:51:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 22:46:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	166063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164236	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60247	3.796	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.000%			
7) Chloroethane-d5	1.914	69	56570	4.330	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.600%			
11) 1,1-Dichloroethene-d2	2.563	65	27099	3.941	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.800%			
20) 2-Butanone-d5	4.628	46	139342	55.914	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.820%			
24) Chloroform-d	5.055	84	139391	4.548	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
26) 1,2-Dichloroethane-d4	5.695	65	68509	4.690	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.800%			
32) Benzene-d6	5.721	84	247619	4.396	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.682	67	75833	4.731	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.600%			
41) Toluene-d8	7.891	98	205188	3.990	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.800%			
43) trans-1,3-Dichloroprop...	8.174	79	28924	4.335	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.600%			
46) 2-Hexanone-d5	8.627	63	109728	48.297	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.600%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57070	5.003	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	72897	4.700	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	3638	0.251	ug/L #	65
8) Chloroethane	1.933	64	15187	1.648	ug/L	95
16) Methylene chloride	3.042	84	5219	0.362	ug/L	99
19) 1,1-Dichloroethane	3.862	63	218434	9.091	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	10485	0.786	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	20444	0.783	ug/L	99

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

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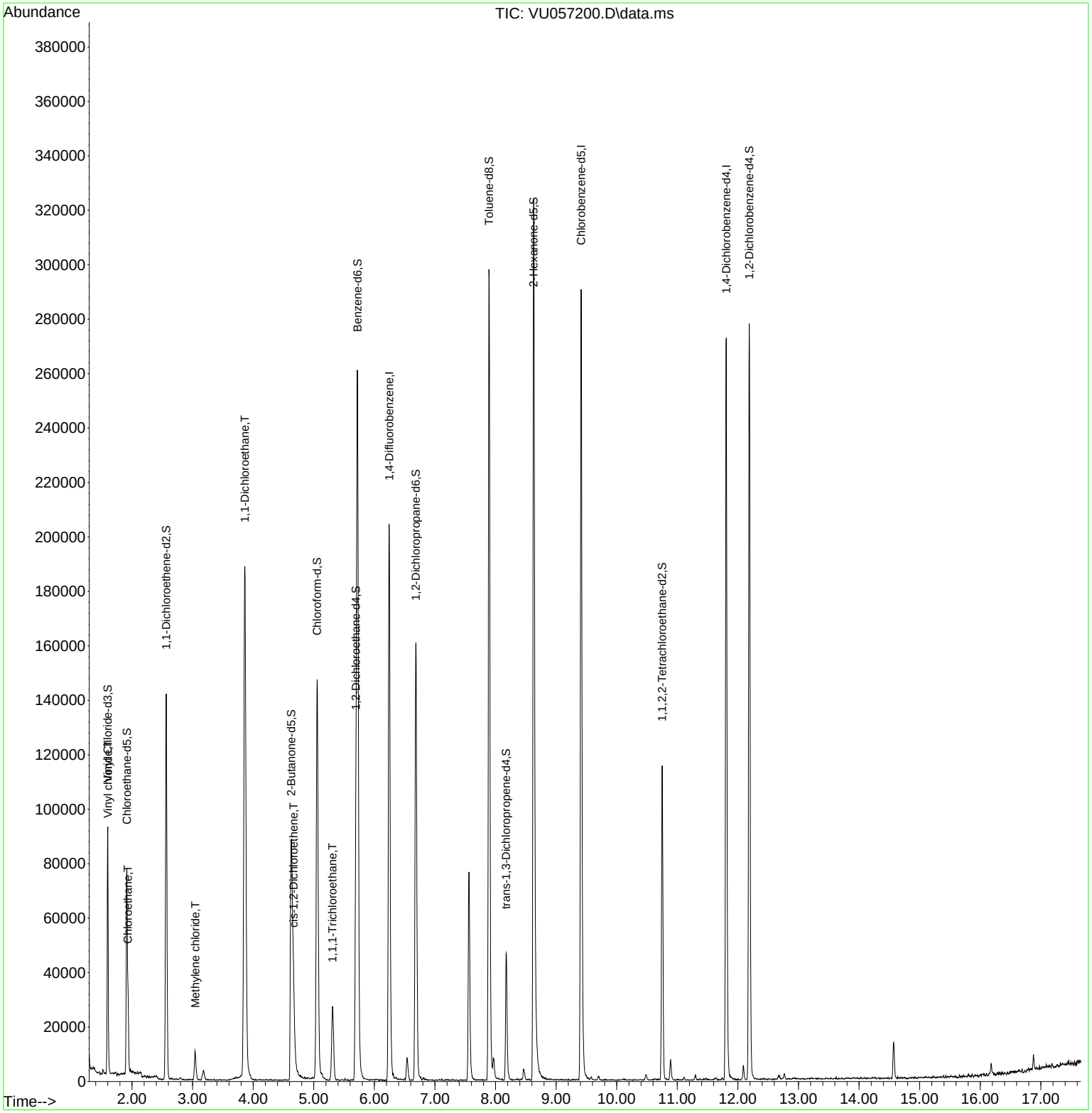
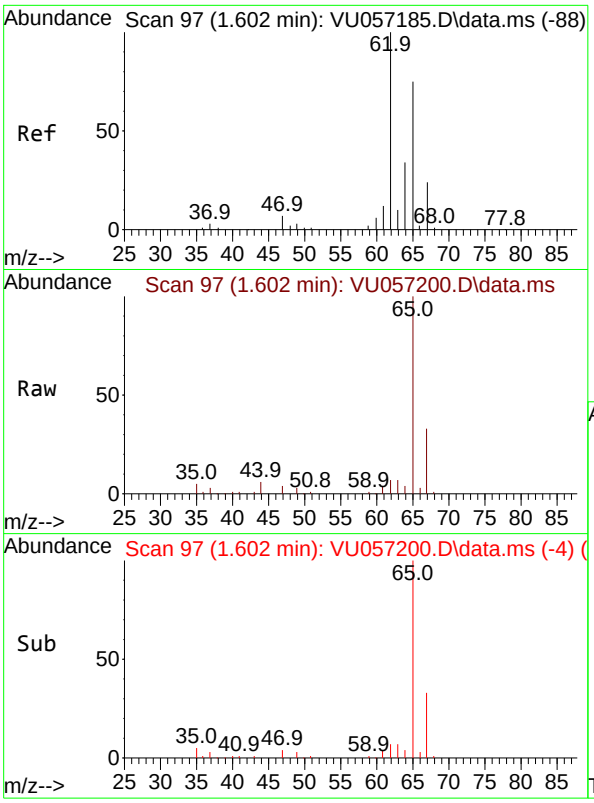


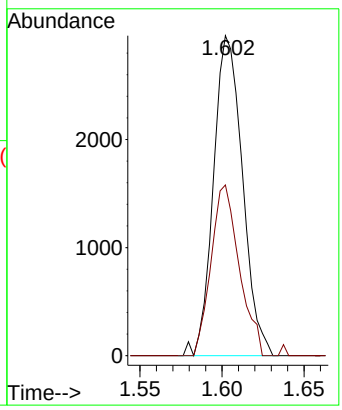


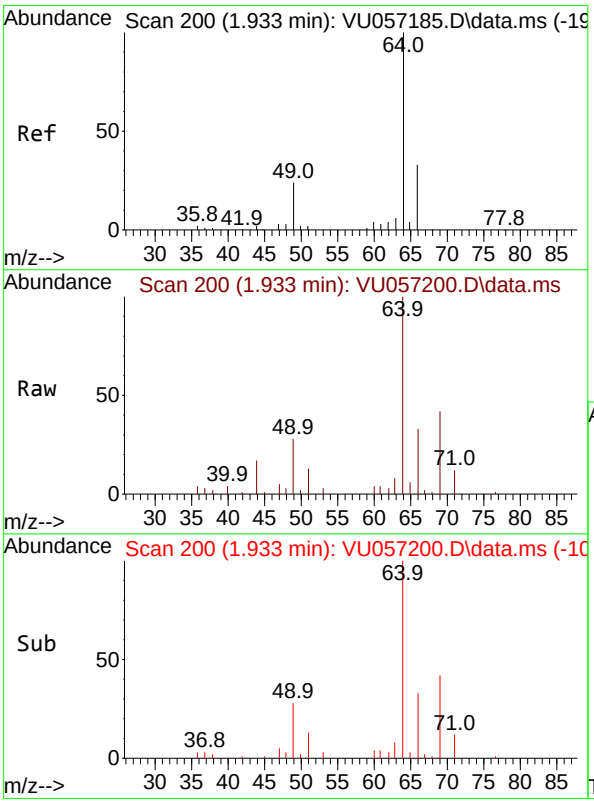
#5
Vinyl chloride
Concen: 0.251 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Instrument :
MSVOA_U
ClientSampleId :
BH3K7DL

Tgt Ion: 62 Resp: 3638

Ion	Ratio	Lower	Upper
62	100		
64	53.3	23.3	43.3#

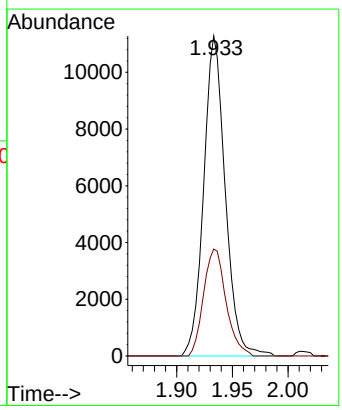


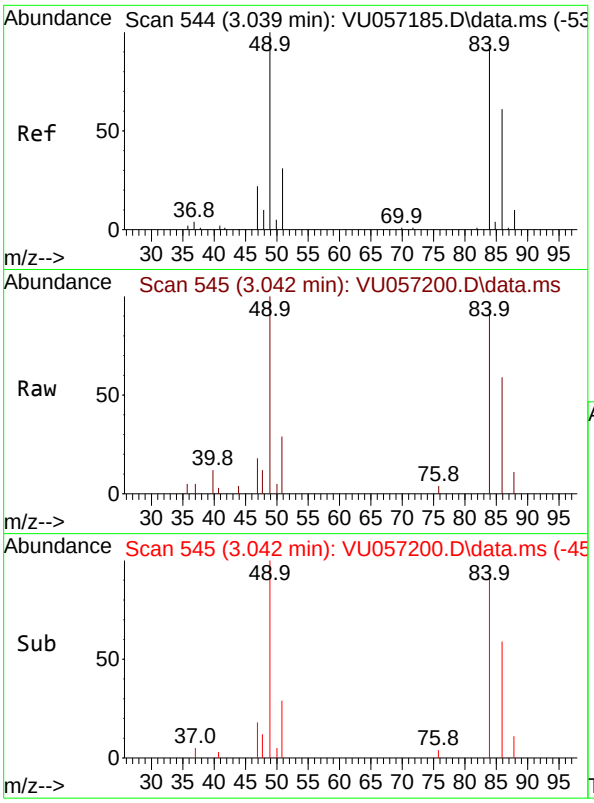


#8
Chloroethane
Concen: 1.648 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Tgt Ion: 64 Resp: 15187

Ion	Ratio	Lower	Upper
64	100		
66	33.4	21.6	40.2



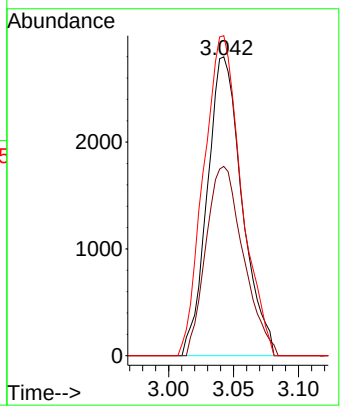


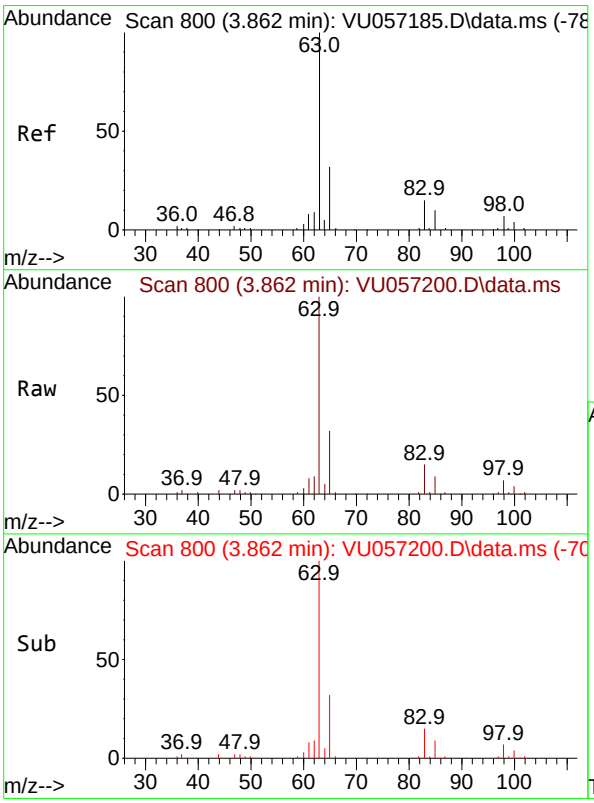
#16
Methylene chloride
Concen: 0.362 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Instrument :
MSVOA_U
ClientSampleId :
BH3K7DL

Tgt Ion: 84 Resp: 5219

Ion	Ratio	Lower	Upper
84	100		
86	63.3	44.7	82.9
49	107.1	76.0	141.2

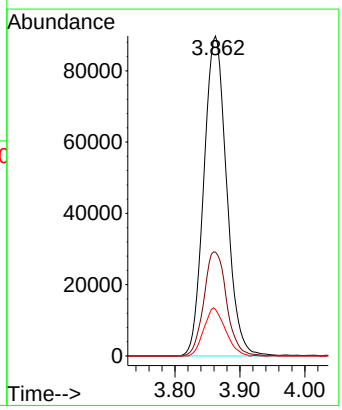


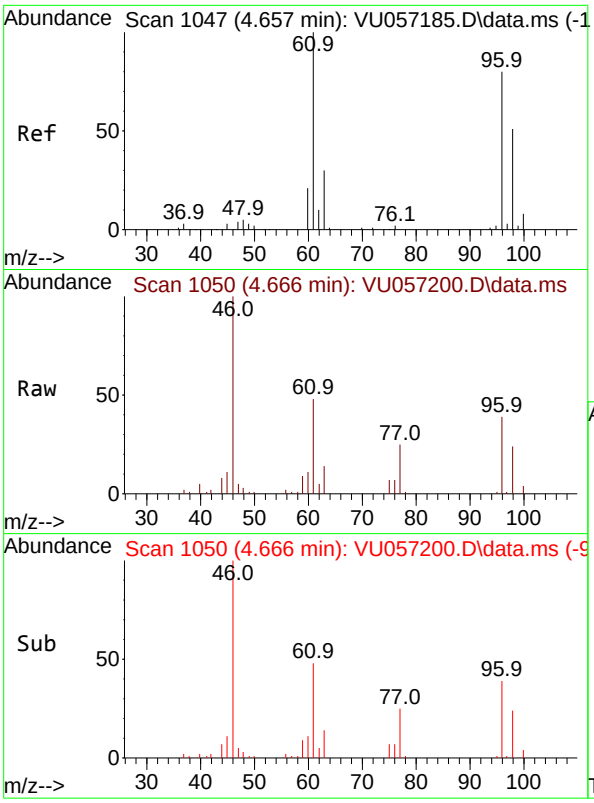


#19
1,1-Dichloroethane
Concen: 9.091 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Tgt Ion: 63 Resp: 218434

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.6	40.2
83	14.5	10.2	19.0



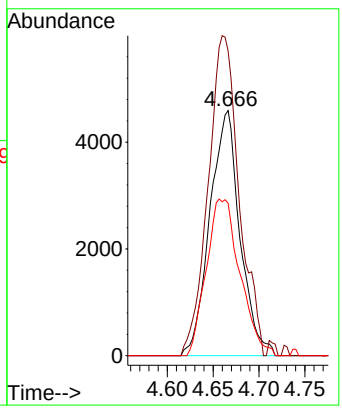


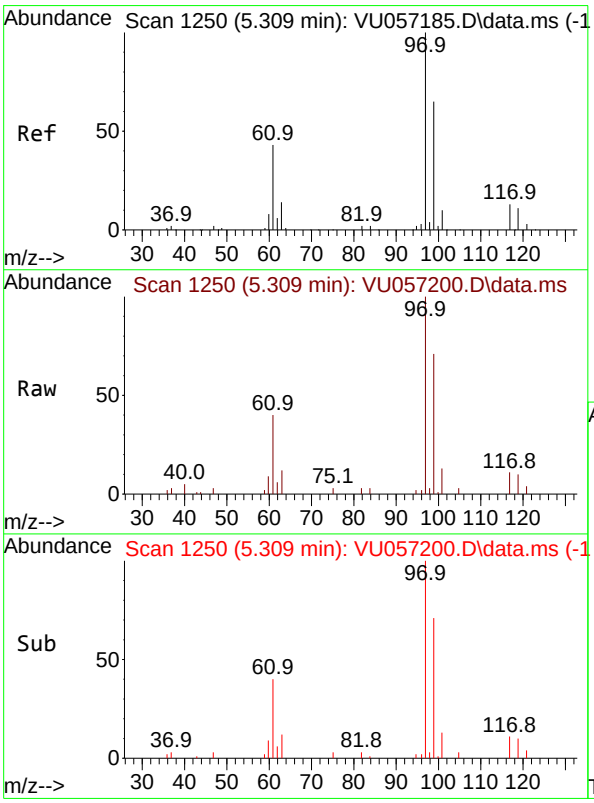
#22
cis-1,2-Dichloroethene
Concen: 0.786 ug/L
RT: 4.666 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Instrument :
MSVOA_U
ClientSampleId :
BH3K7DL

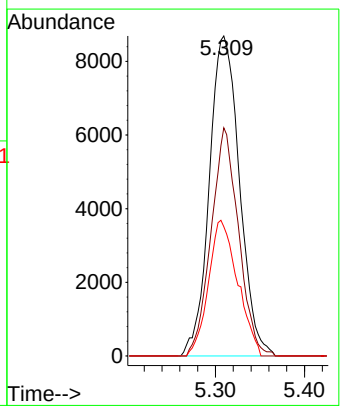
Tgt Ion: 96 Resp: 10485

Ion	Ratio	Lower	Upper
96	100		
61	124.3	86.8	161.2
98	62.2	45.5	84.5





#29
1,1,1-Trichloroethane
Concen: 0.783 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Tgt Ion: 97 Resp: 20444

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.2	76.8
61	41.0	32.5	48.7