Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
Data File : VU055427.D
Acq On : 20 Sep 2023 16:05
Operator : MD/SY
Sample : 04398-07DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4Q1DL

Quant Time: Sep 21 00:30:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 21 00:26:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	255237	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	124818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	113009	4.381	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.600%			
7) Chloroethane-d5	1.911	69	102546	4.511	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.563	65	46864	4.414	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.200%			
20) 2-Butanone-d5	4.628	46	233780	50.173	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.340%			
24) Chloroform-d	5.058	84	229072	4.909	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
26) 1,2-Dichloroethane-d4	5.698	65	117299	5.226	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.600%			
32) Benzene-d6	5.724	84	448342	4.876	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
36) 1,2-Dichloropropane-d6	6.685	67	137214	4.994	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.800%			
41) Toluene-d8	7.894	98	392608	4.684	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
43) trans-1,3-Dichloroprop...	8.177	79	46913	4.866	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.400%			
46) 2-Hexanone-d5	8.631	63	128020	43.653	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.300%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99232	4.819	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	133764	5.310	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	19109	0.810	ug/L	89
12) 1,1-Dichloroethene	2.579	96	9911	0.555	ug/L #	1
16) Methylene chloride	3.039	84	6410	0.300	ug/L	97
19) 1,1-Dichloroethane	3.869	63	4242	0.128	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	116656	5.594	ug/L	97
34) Trichloroethene	6.541	95	121943	5.697	ug/L	97

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

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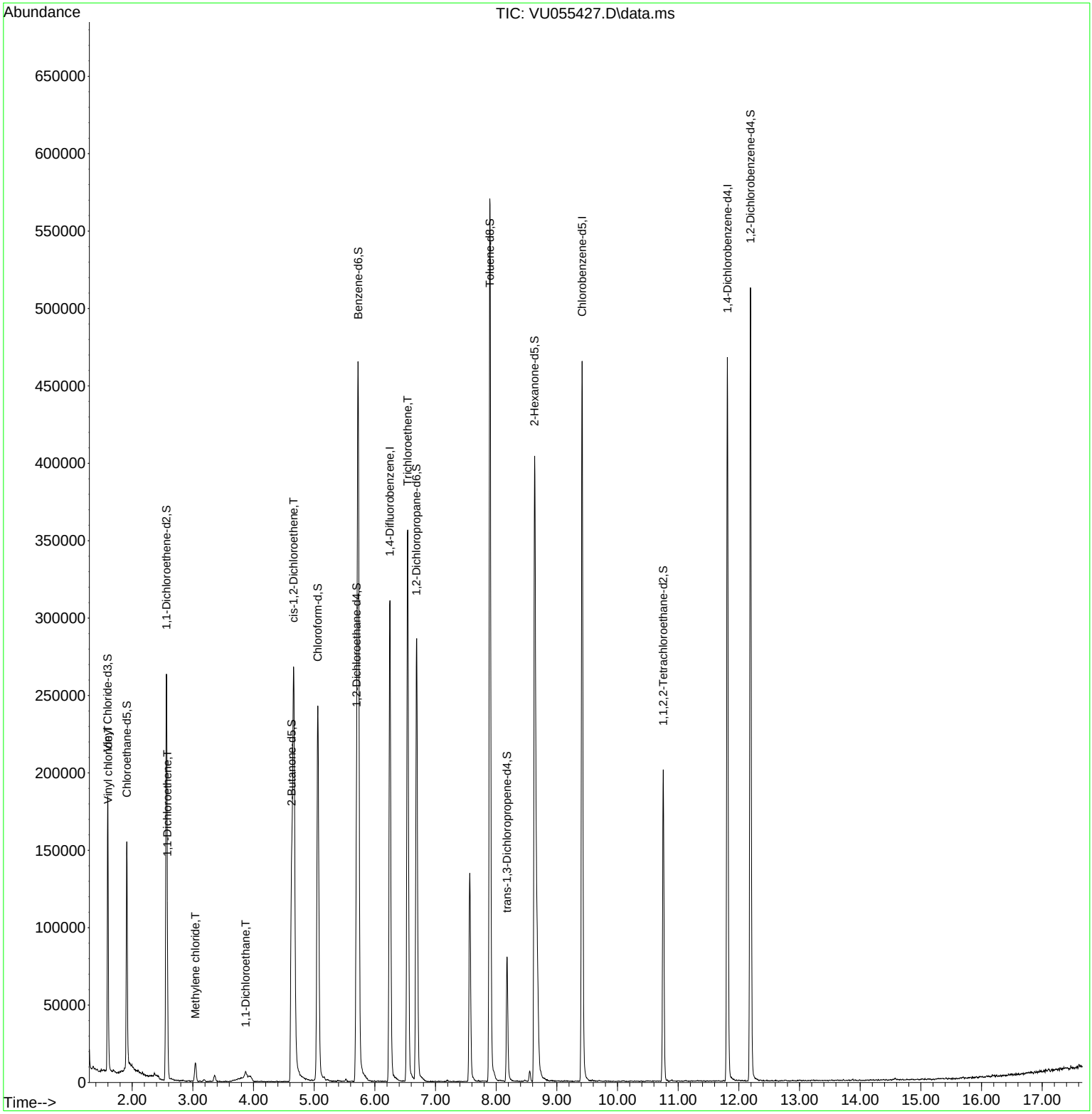
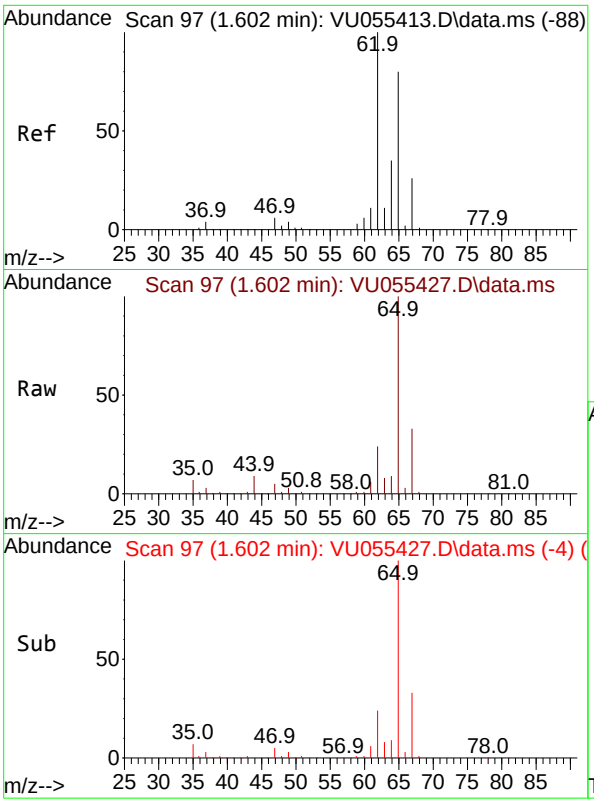


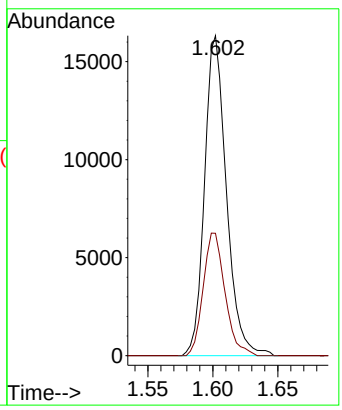


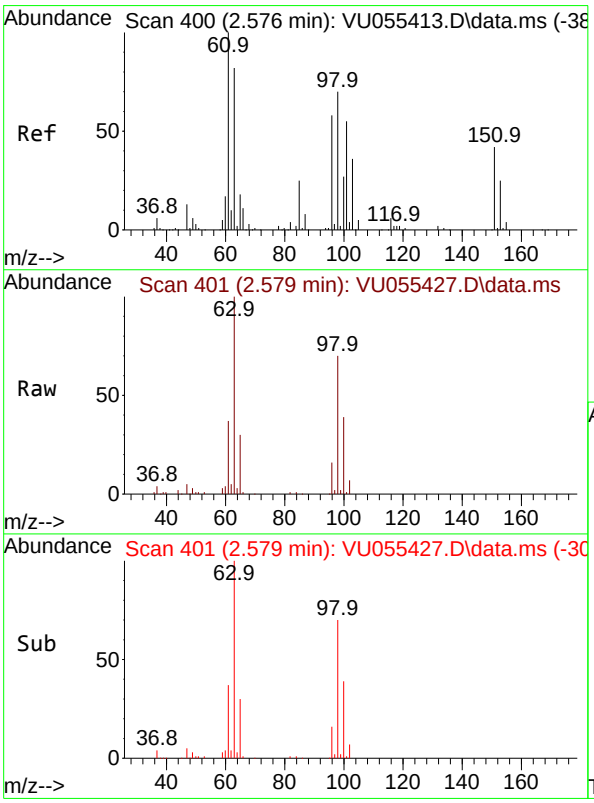
#5
Vinyl chloride
Concen: 0.810 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU055427.D
Acq: 20 Sep 2023 16:05

Instrument :
MSVOA_U
ClientSampleId :
BH4Q1DL

Tgt Ion: 62 Resp: 19109

Ion	Ratio	Lower	Upper
62	100		
64	38.3	22.3	41.5

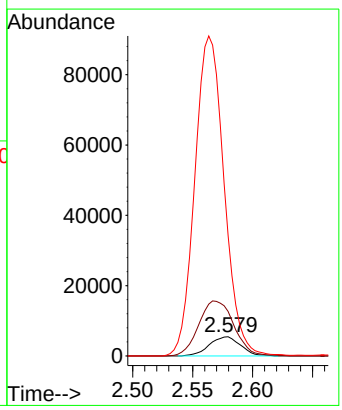


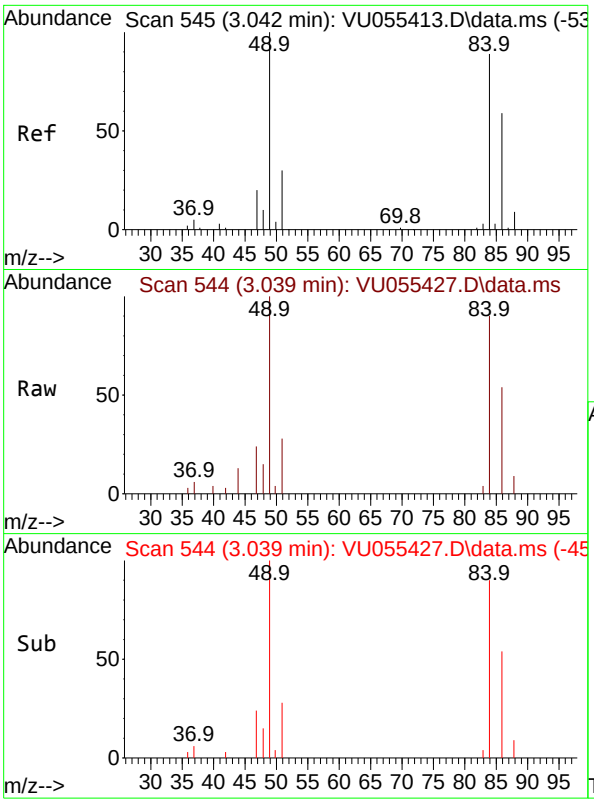


#12
1,1-Dichloroethene
Concen: 0.555 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU055427.D
Acq: 20 Sep 2023 16:05

Tgt Ion: 96 Resp: 9911

Ion	Ratio	Lower	Upper
96	100		
61	231.7	114.5	212.7#
63	626.4	98.3	182.5#



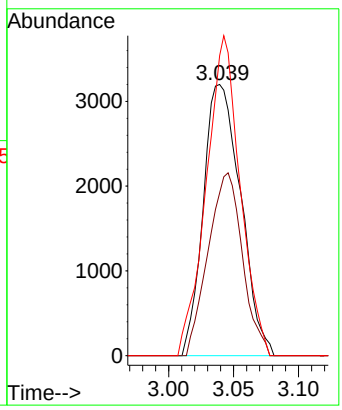


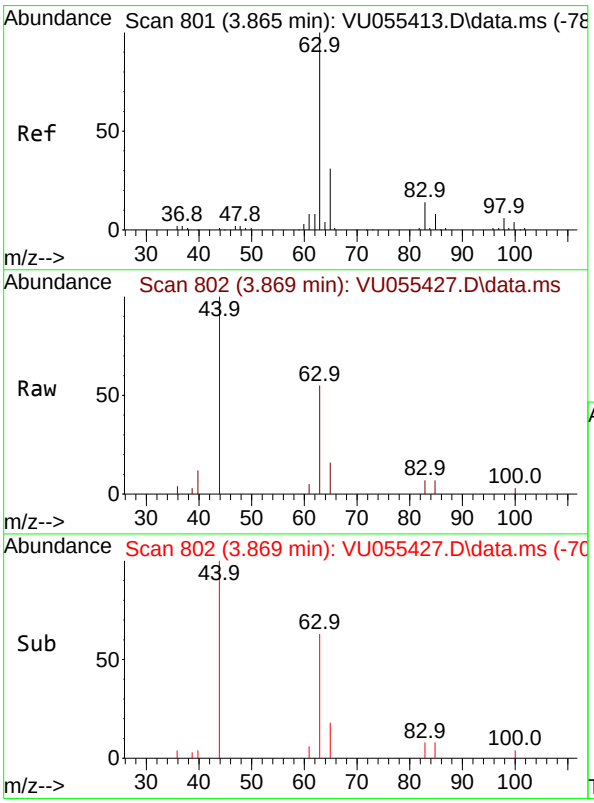
#16
Methylene chloride
Concen: 0.300 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU055427.D
Acq: 20 Sep 2023 16:05

Instrument :
MSVOA_U
ClientSampleId :
BH4Q1DL

Tgt Ion: 84 Resp: 6410

Ion	Ratio	Lower	Upper
84	100		
86	60.0	44.9	83.3
49	114.8	78.8	146.3

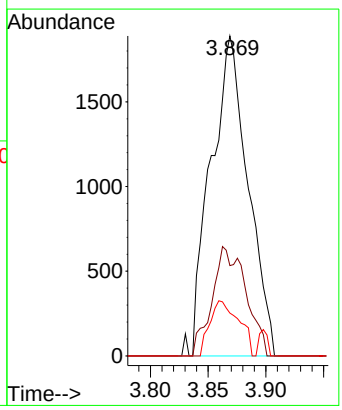


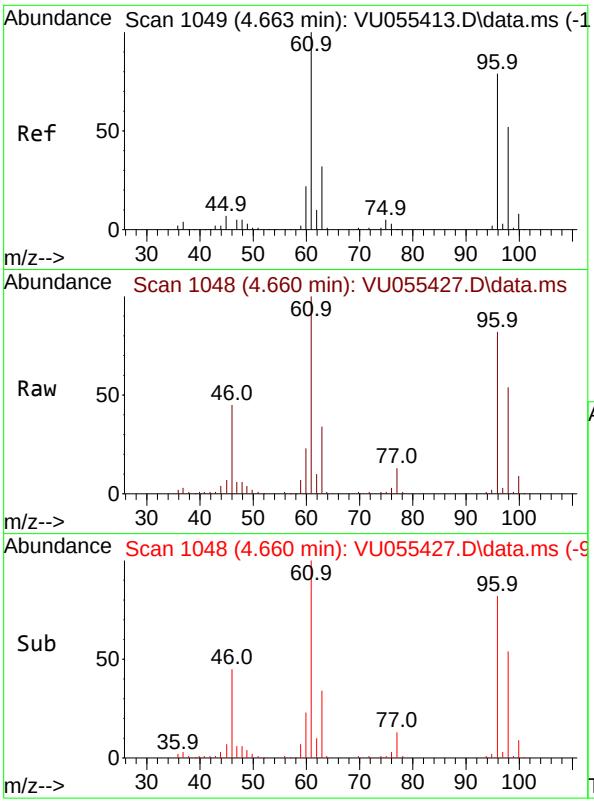


#19
1,1-Dichloroethane
Concen: 0.128 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055427.D
Acq: 20 Sep 2023 16:05

Tgt Ion: 63 Resp: 4242

Ion	Ratio	Lower	Upper
63	100		
65	28.2	22.0	41.0
83	13.4	10.1	18.9



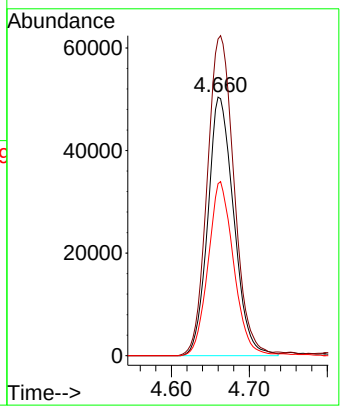


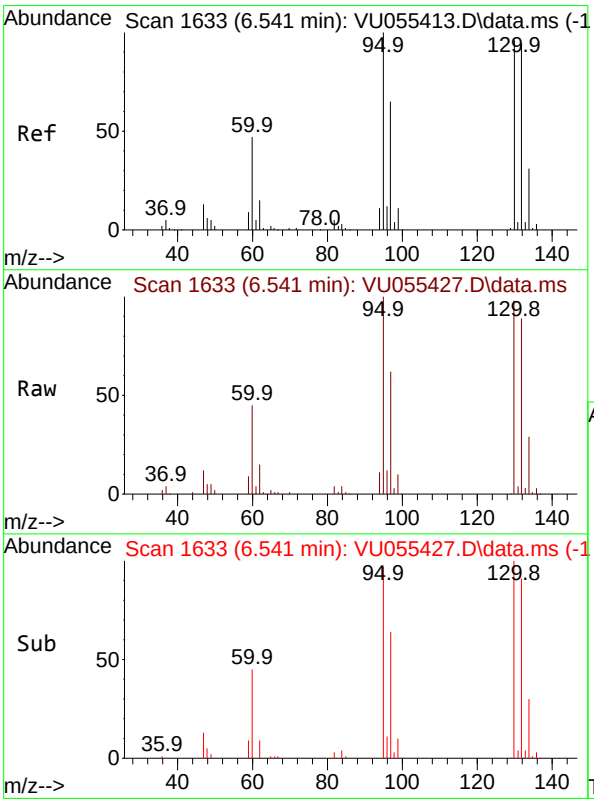
#22
cis-1,2-Dichloroethene
Concen: 5.594 ug/L
RT: 4.660 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055427.D
Acq: 20 Sep 2023 16:05

Instrument :
MSVOA_U
ClientSampleId :
BH4Q1DL

Tgt Ion: 96 Resp: 116656

Ion	Ratio	Lower	Upper
96	100		
61	122.5	87.8	163.2
98	66.5	44.4	82.4





#34
Trichloroethene
Concen: 5.697 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055427.D
Acq: 20 Sep 2023 16:05

Tgt Ion: 95 Resp: 121943

Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.4	84.2
132	89.0	65.2	121.2
130	97.6	69.1	128.3