Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
Data File : VU052009.D
Acq On : 21 Nov 2022 21:06
Operator : JC/MD
Sample : N5710-10DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KY9DL

Quant Time: Nov 22 01:06:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 22 01:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	490482	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	469931	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	177858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	211371	49.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.460%			
7) Chloroethane-d5	1.909	69	170845	50.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.500%			
11) 1,1-Dichloroethene-d2	2.568	63	323115	51.286	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.580%			
21) 2-Butanone-d5	4.613	46	261134	102.239	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.240%			
24) Chloroform-d	5.060	84	332057	47.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.360%			
26) 1,2-Dichloroethane-d4	5.697	65	208425	49.762	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.520%			
32) Benzene-d6	5.726	84	716150	51.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.260%			
36) 1,2-Dichloropropane-d6	6.687	67	234075	52.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.040%			
41) Toluene-d8	7.896	98	602637	48.154	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.300%			
43) trans-1,3-Dichloroprop...	8.176	79	89934	46.948	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.900%			
47) 2-Hexanone-d5	8.629	63	186191	106.069	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.070%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	342161	48.062	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.120%			
66) 1,2-Dichlorobenzene-d4	12.192	152	200264	54.449	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.900%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	128097	33.063	ug/L	99
12) 1,1-Dichloroethene	2.578	96	153818	54.160	ug/L	98
16) Methylene chloride	3.048	84	9724	2.248	ug/L	95
19) 1,1-Dichloroethane	3.871	63	18082	2.909	ug/L	94
20) cis-1,2-Dichloroethene	4.665	96	98154	27.055	ug/L	92
30) 1,1,1-Trichloroethane	5.314	97	23964	4.973	ug/L	97
34) Trichloroethene	6.539	95	347305	106.920	ug/L	99
46) Tetrachloroethene	8.549	164	485669	198.187	ug/L	100

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

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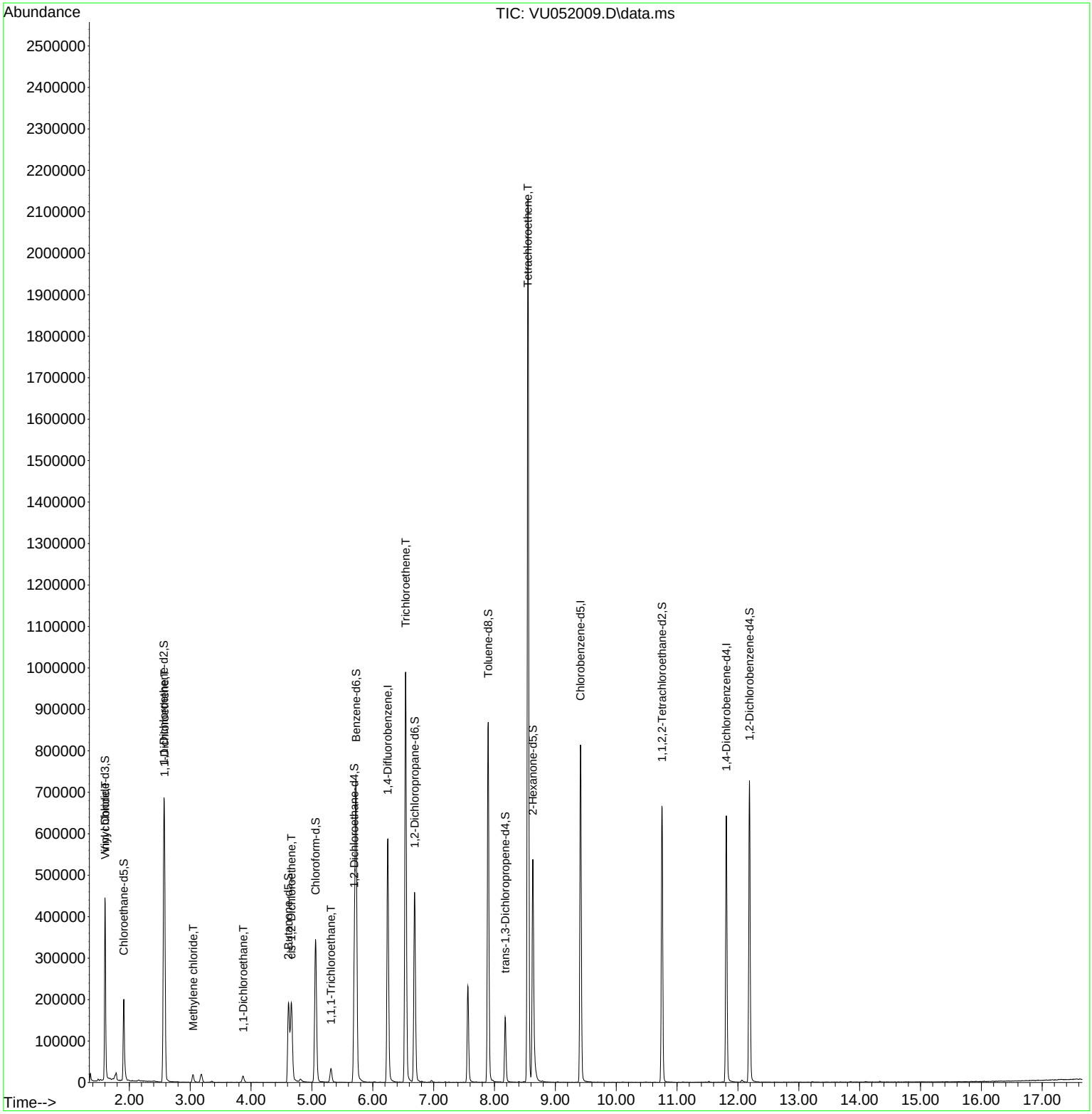
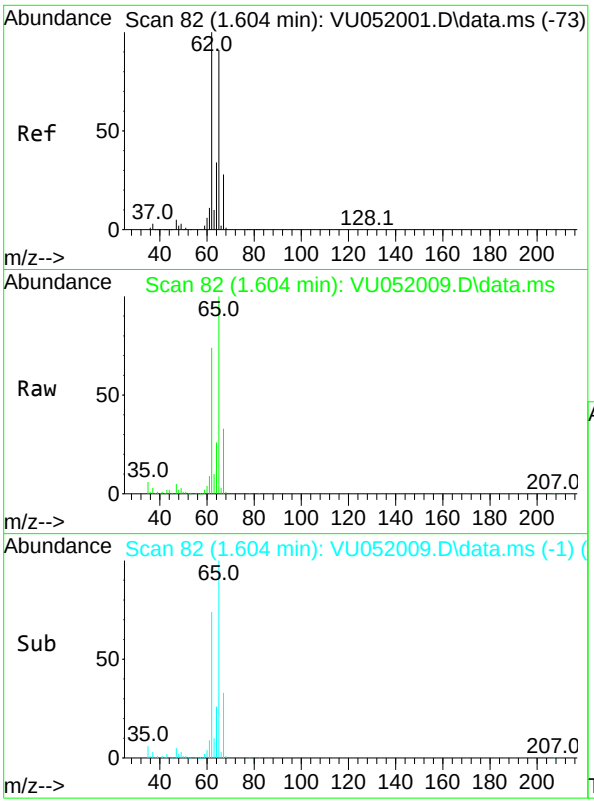


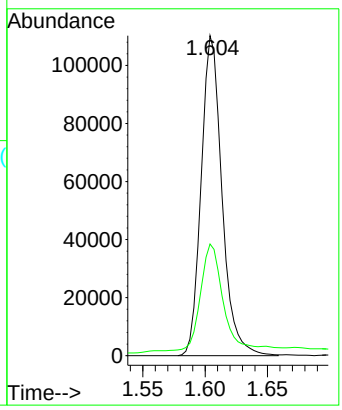


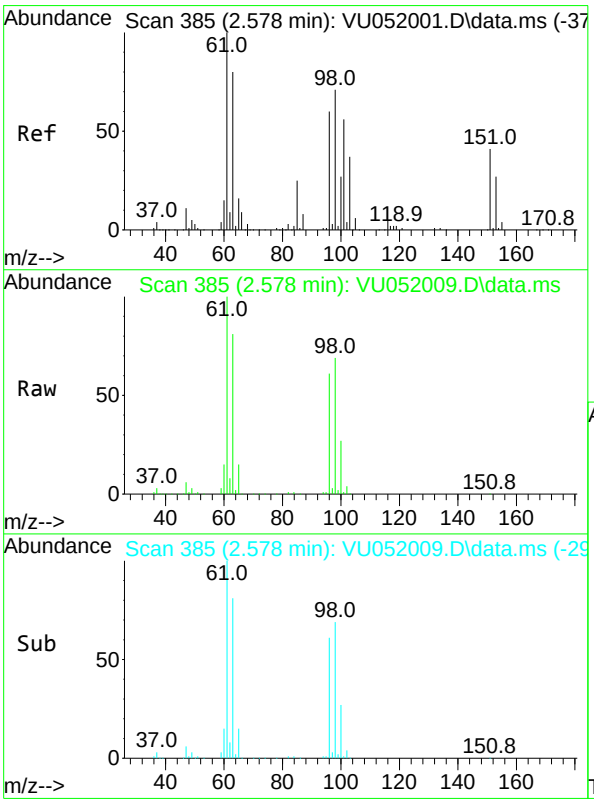
#5
Vinyl chloride
Concen: 33.063 ug/L
RT: 1.604 min Scan# 8
Delta R.T. 0.000 min
Lab File: VU052009.D
Acq: 21 Nov 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :
C0KY9DL

Tgt Ion: 62 Resp: 128097

Ion	Ratio	Lower	Upper
62	100		
64	34.9	23.9	44.3

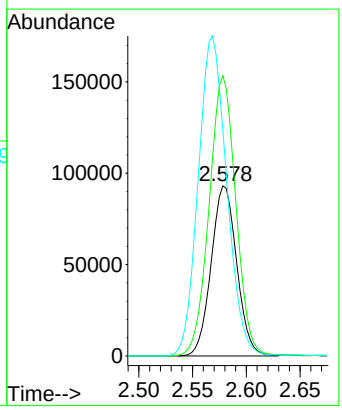


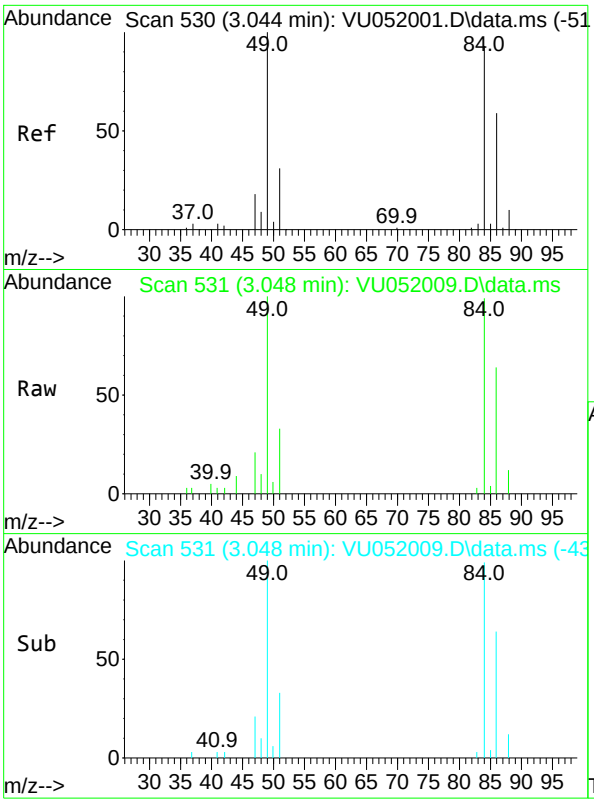


#12
1,1-Dichloroethene
Concen: 54.160 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052009.D
Acq: 21 Nov 2022 21:06

Tgt Ion: 96 Resp: 153818

Ion	Ratio	Lower	Upper
96	100		
61	164.6	114.2	212.0
63	132.9	90.9	168.7



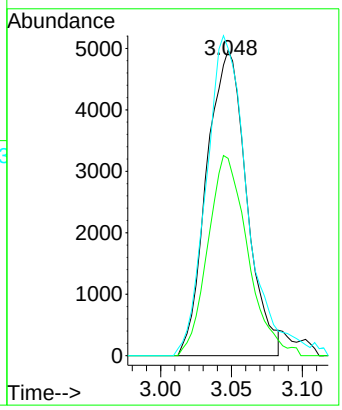


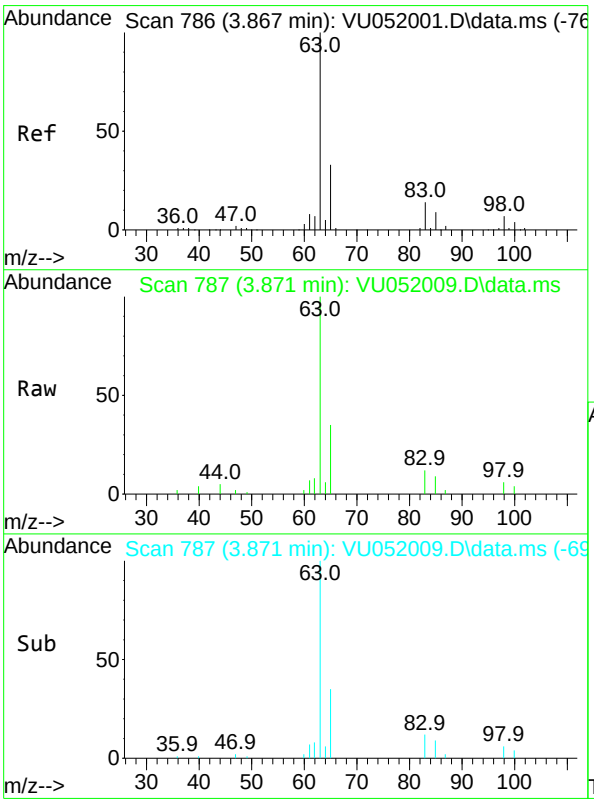
#16
Methylene chloride
Concen: 2.248 ug/L
RT: 3.048 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU052009.D
Acq: 21 Nov 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :
C0KY9DL

Tgt Ion: 84 Resp: 9724

Ion	Ratio	Lower	Upper
84	100		
86	64.6	45.2	84.0
49	100.7	75.9	141.1

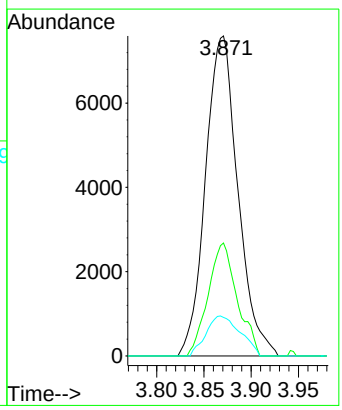


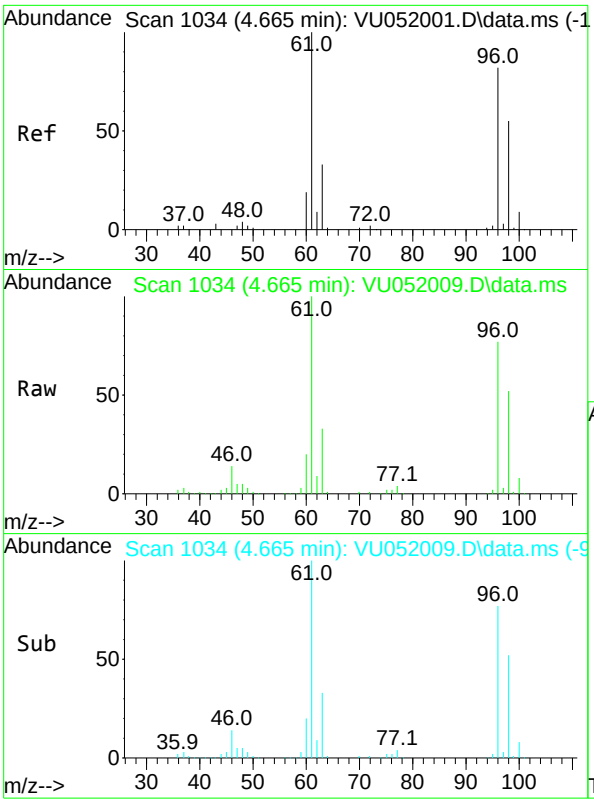


#19
1,1-Dichloroethane
Concen: 2.909 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052009.D
Acq: 21 Nov 2022 21:06

Tgt Ion: 63 Resp: 18082

Ion	Ratio	Lower	Upper
63	100		
65	35.3	22.3	41.3
83	12.1	9.8	18.2



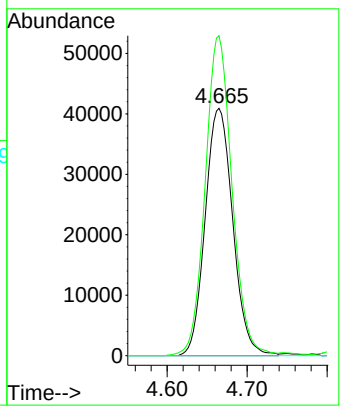


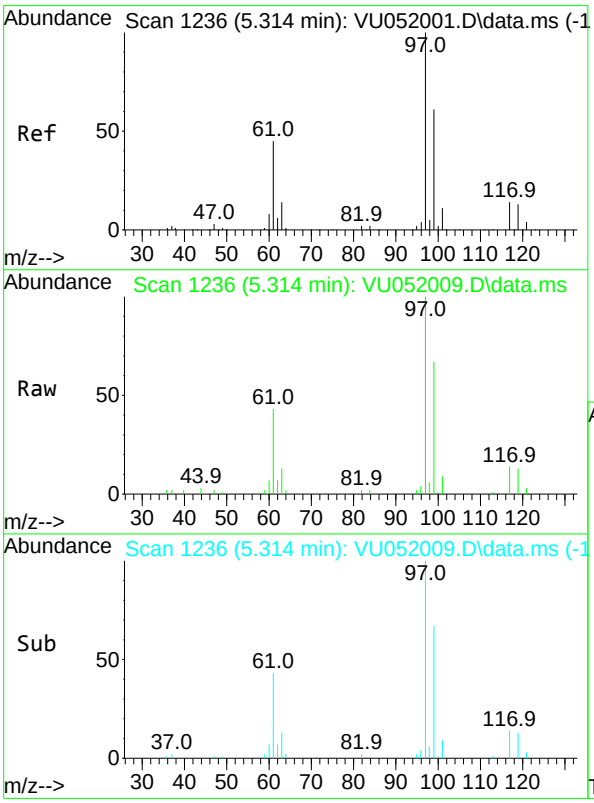
#20
cis-1,2-Dichloroethene
Concen: 27.055 ug/L
RT: 4.665 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052009.D
Acq: 21 Nov 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :
C0KY9DL

Tgt Ion: 96 Resp: 98154

Ion	Ratio	Lower	Upper
96	100		
61	129.4	84.5	156.9
68	0.0	0.0	0.0

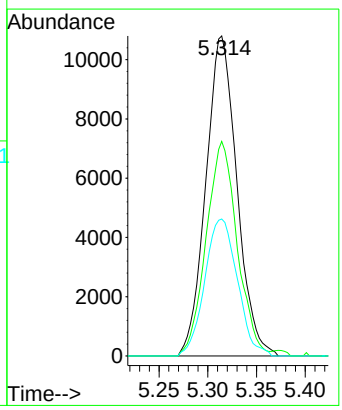


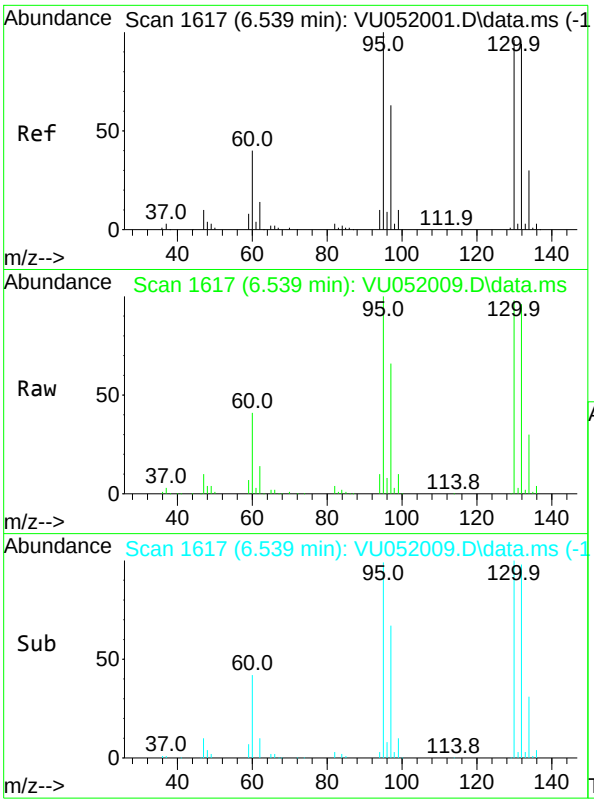


#30
1,1,1-Trichloroethane
Concen: 4.973 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU052009.D
Acq: 21 Nov 2022 21:06

Tgt Ion: 97 Resp: 23964

Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.4	77.0
61	44.9	37.2	55.8



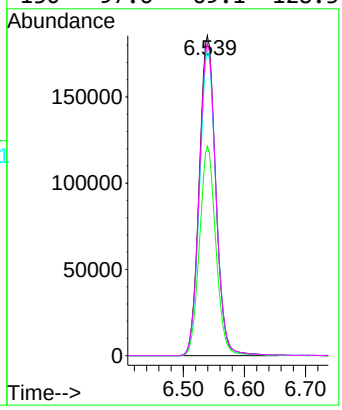


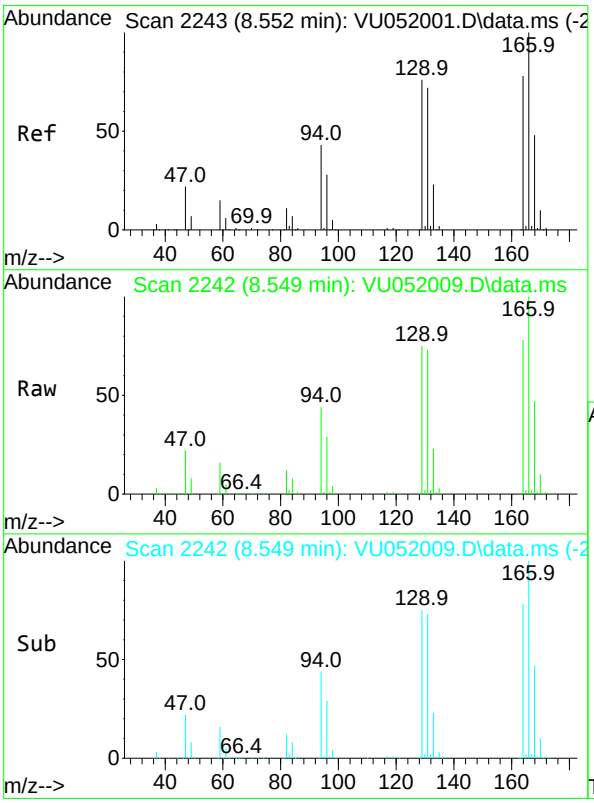
#34
Trichloroethene
Concen: 106.920 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052009.D
Acq: 21 Nov 2022 21:06

Instrument :
MSVOA_U
ClientSampleId :
C0KY9DL

Tgt Ion: 95 Resp: 347305

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.3	84.1
132	95.5	66.8	124.2
130	97.6	69.1	128.3





#46
Tetrachloroethene
Concen: 198.187 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052009.D
Acq: 21 Nov 2022 21:06

Tgt Ion:164 Resp: 485669

Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.3	124.9
131	93.2	65.2	121.2
166	127.5	89.9	166.9