Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029879.D
Acq On : 16 Jan 2023 16:05
Operator : SY/MD
Sample : 01136-19 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH1W2

Quant Time: Jan 17 00:38:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	193921	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	186476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	96600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56573	3.846	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.000%			
7) Chloroethane-d5	1.568	69	57265	4.697	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.000%			
11) 1,1-Dichloroethene-d2	2.111	63	119620	4.461	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.200%			
20) 2-Butanone-d5	3.889	46	127189	48.787	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.580%			
24) Chloroform-d	4.346	84	136488	5.059	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.027	65	59186	5.180	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.600%			
32) Benzene-d6	5.047	84	269920	4.880	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
36) 1,2-Dichloropropane-d6	6.066	67	86579	5.348	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.000%			
41) Toluene-d8	7.310	98	230728	4.505	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
43) trans-1,3-Dichloroprop...	7.619	79	24870	4.206	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.200%			
46) 2-Hexanone-d5	8.085	63	116834	48.539	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.080%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	69536	5.861	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.200%			
66) 1,2-Dichlorobenzene-d4	11.612	152	93278	5.311	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	31991	1.718	ug/L	99
12) 1,1-Dichloroethene	2.117	96	78134	4.719	ug/L	96
16) Methylene chloride	2.503	84	9677	0.470	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	2716	0.095	ug/L #	93
18) trans-1,2-Dichloroethene	2.760	96	25585	1.662	ug/L	96
19) 1,1-Dichloroethane	3.188	63	141770	5.506	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	18769	1.144	ug/L	92
34) Trichloroethene	5.911	95	89722	5.742	ug/L	99
47) Tetrachloroethene	7.972	164	808	0.061	ug/L	88

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

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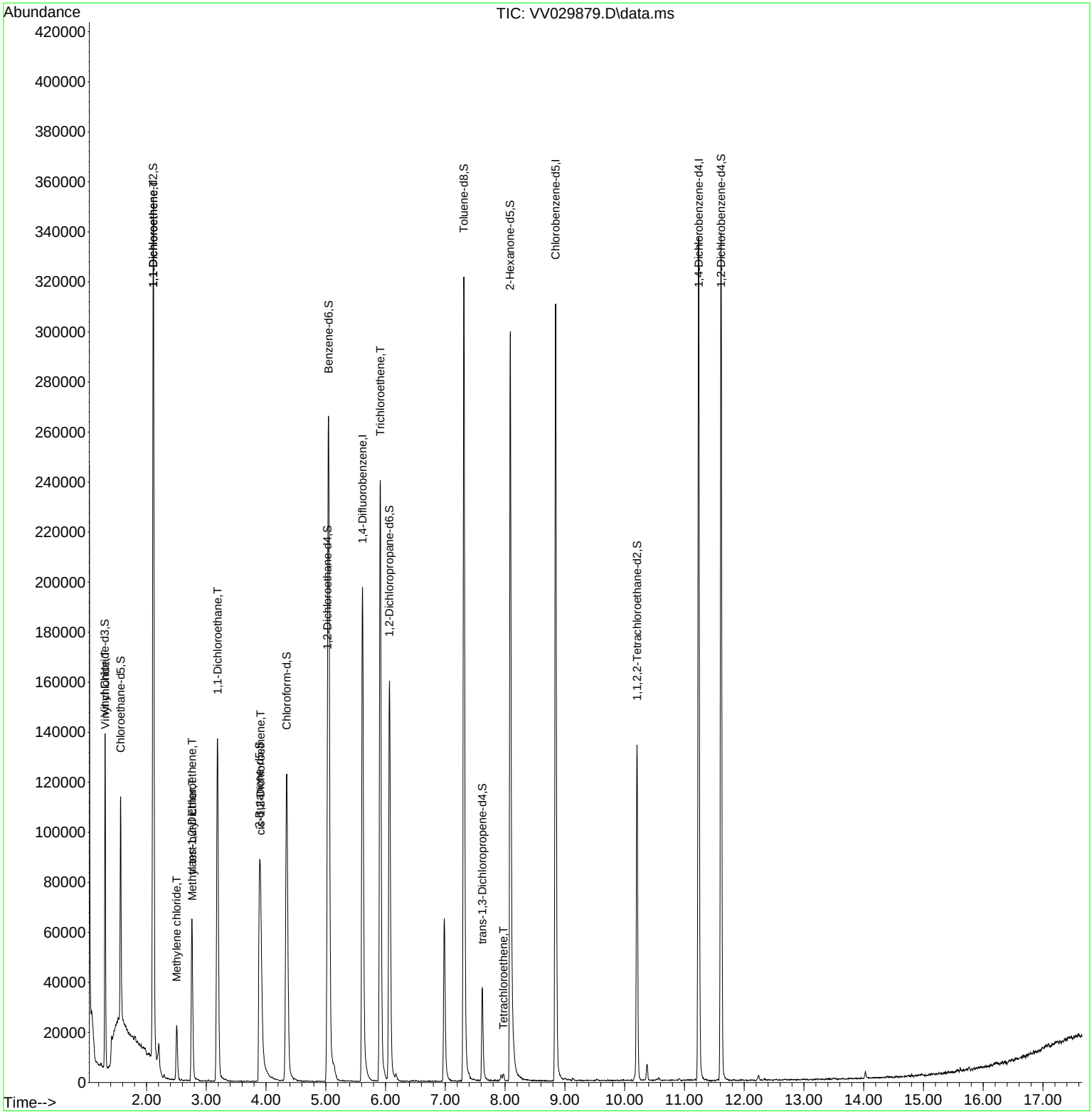
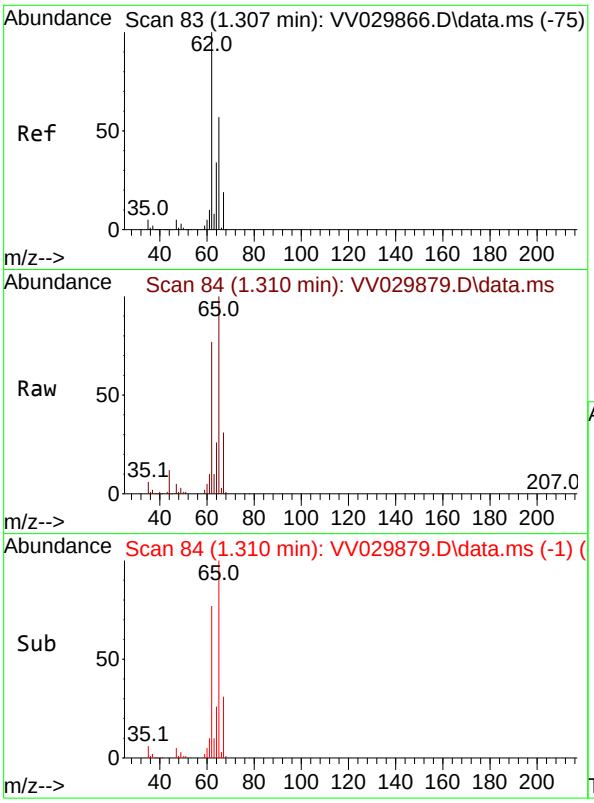
ClientSampleId :
BH1W2

Quant Time: Jan 17 00:38:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration



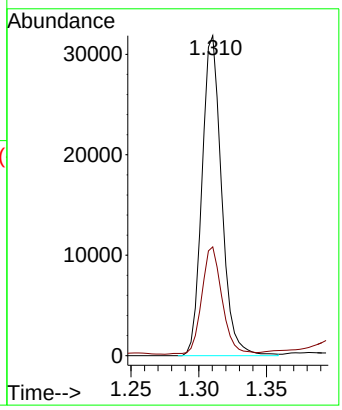


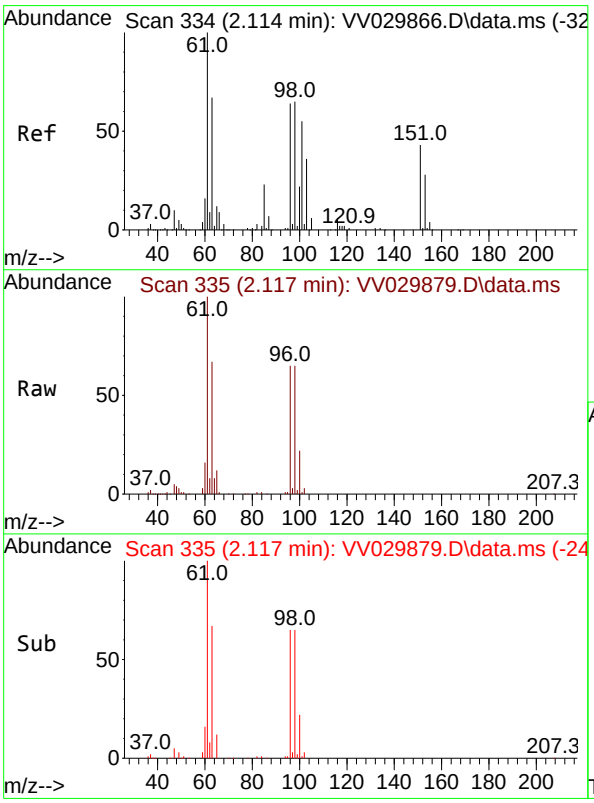
#5
Vinyl chloride
Concen: 1.718 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Instrument :
MSVOA_V
ClientSampleId :
BH1W2

Tgt Ion: 62 Resp: 31991

Ion	Ratio	Lower	Upper
62	100		
64	34.0	23.2	43.2

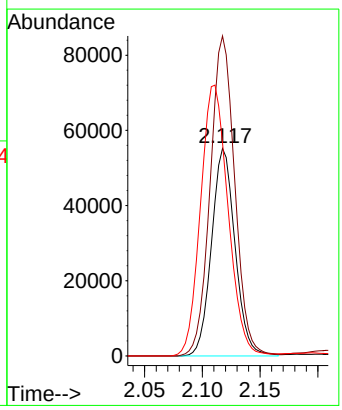


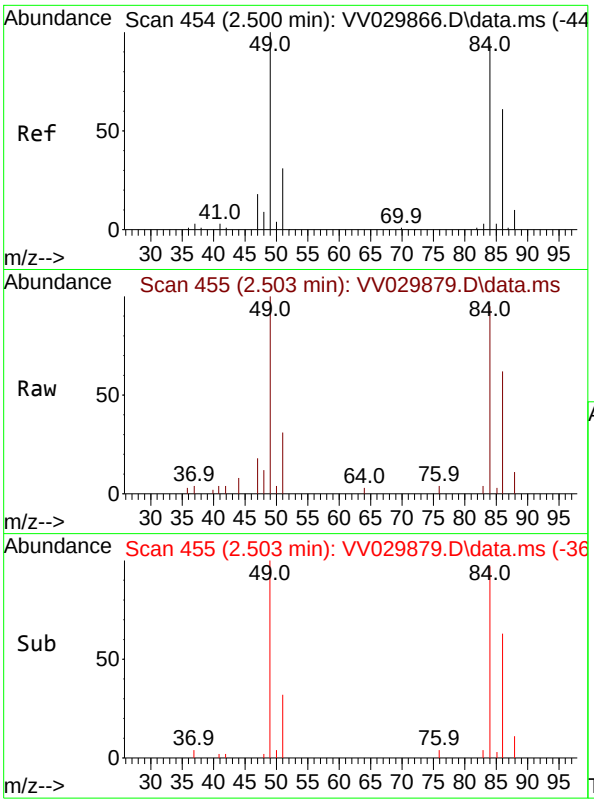


#12
1,1-Dichloroethene
Concen: 4.719 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 96 Resp: 78134

Ion	Ratio	Lower	Upper
96	100		
61	154.2	106.1	197.1
63	102.7	76.4	141.8



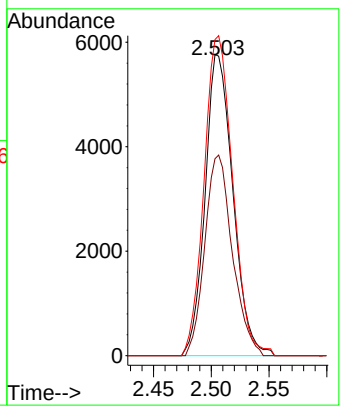


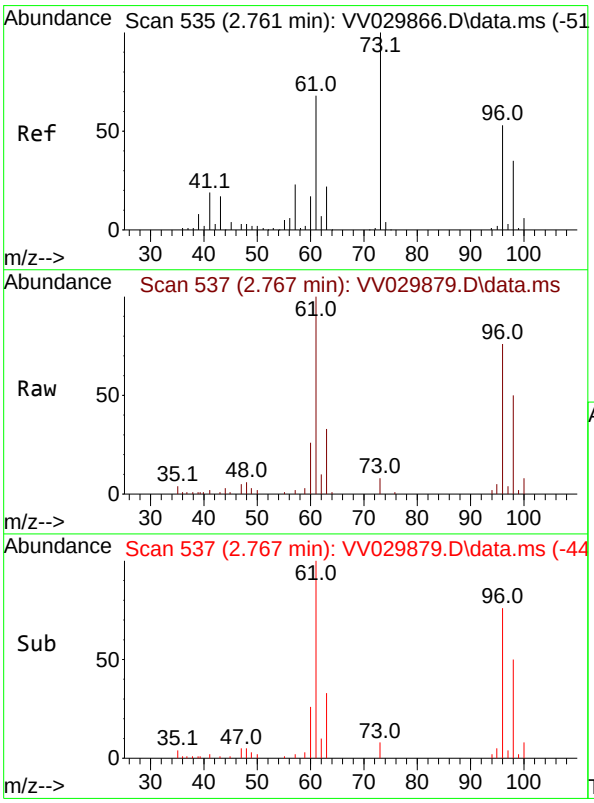
#16
Methylene chloride
Concen: 0.470 ug/L
RT: 2.503 min Scan# 4
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Instrument :
MSVOA_V
ClientSampleId :
BH1W2

Tgt Ion: 84 Resp: 9677

Ion	Ratio	Lower	Upper
84	100		
86	65.4	45.0	83.6
49	105.0	71.5	132.7

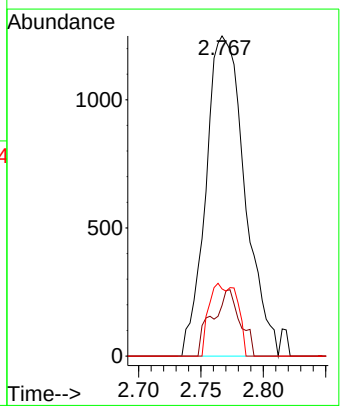


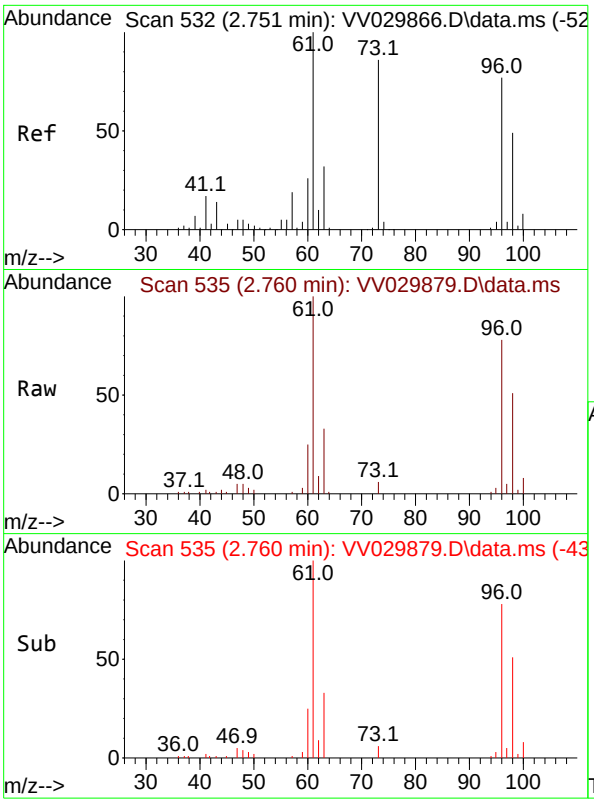


#17
Methyl tert-butyl Ether
Concen: 0.095 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 73 Resp: 2716

Ion	Ratio	Lower	Upper
73	100		
43	14.9	13.0	19.4
57	16.4	17.1	25.7#



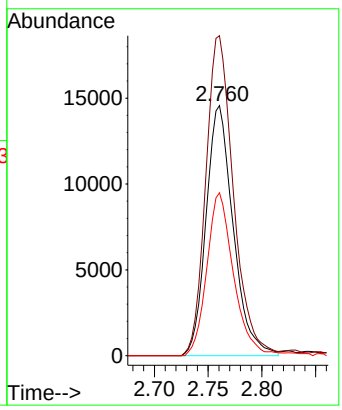


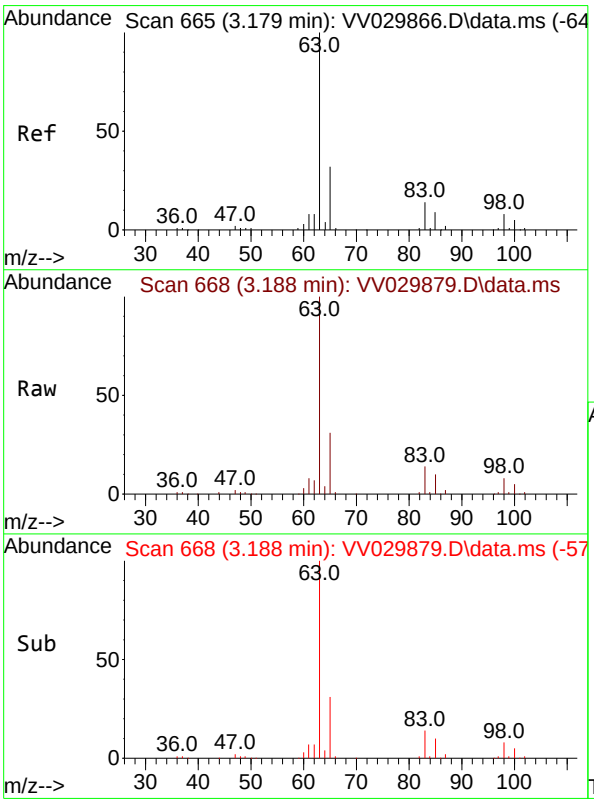
#18
trans-1,2-Dichloroethene
Concen: 1.662 ug/L
RT: 2.760 min Scan# 5
Delta R.T. 0.009 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Instrument :
MSVOA_V
ClientSampleId :
BH1W2

Tgt Ion: 96 Resp: 25585

Ion	Ratio	Lower	Upper
96	100		
61	128.0	86.1	159.9
98	65.1	43.9	81.5

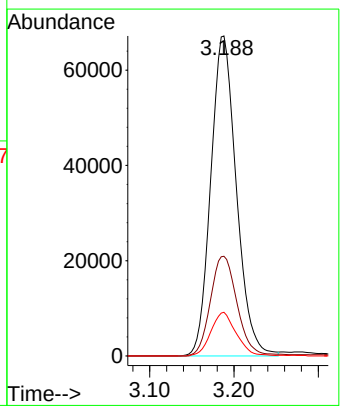


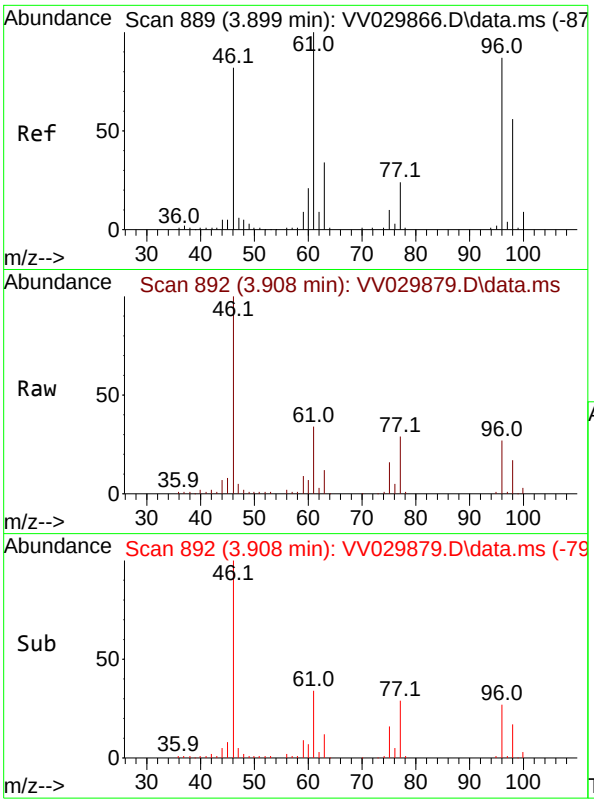


#19
1,1-Dichloroethane
Concen: 5.506 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.009 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 63 Resp: 141770

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.4	41.6
83	13.6	10.2	19.0



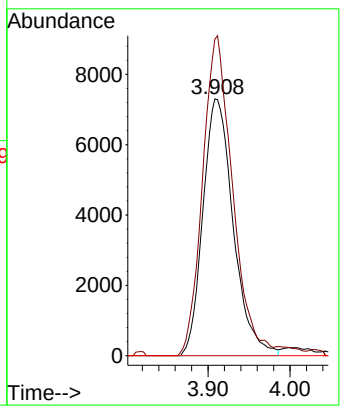


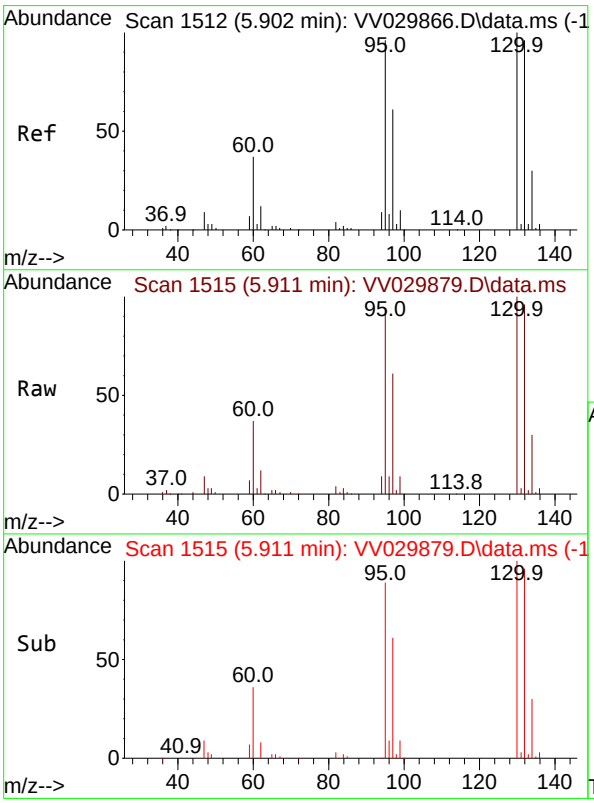
#22
cis-1,2-Dichloroethene
Concen: 1.144 ug/L
RT: 3.908 min Scan# 8
Delta R.T. 0.009 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Instrument :
MSVOA_V
ClientSampleId :
BH1W2

Tgt Ion: 96 Resp: 18769

Ion	Ratio	Lower	Upper
96	100		
61	123.2	80.0	148.6
68	0.0	0.0	0.0

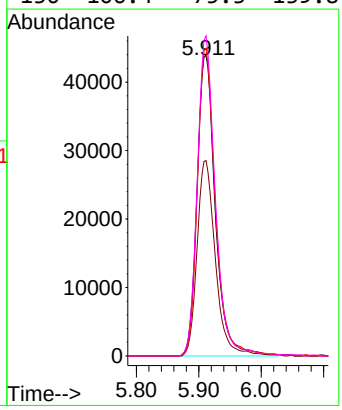


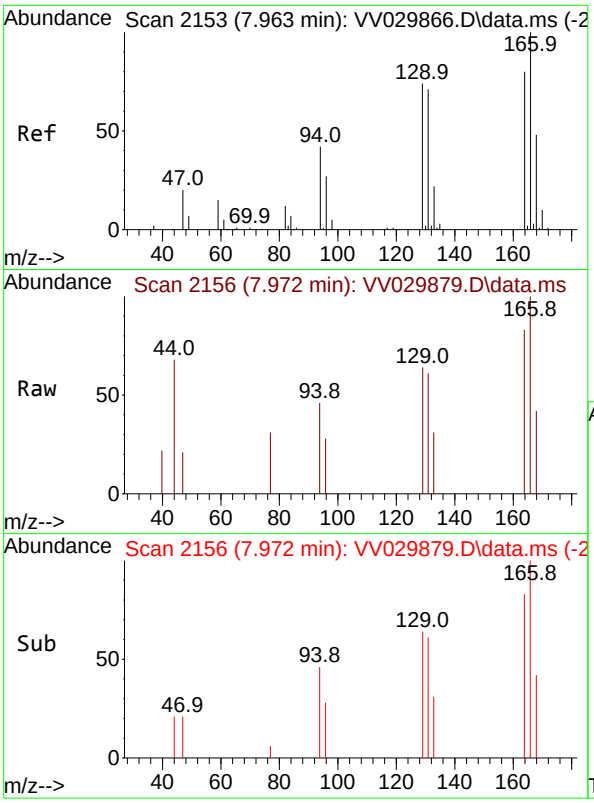


#34
Trichloroethene
Concen: 5.742 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Tgt Ion: 95 Resp: 89722

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.9	83.3
132	102.4	71.8	133.4
130	106.4	75.3	139.8





#47
Tetrachloroethene
Concen: 0.061 ug/L
RT: 7.972 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV029879.D
Acq: 16 Jan 2023 16:05

Instrument :
MSVOA_V
ClientSampleId :
BH1W2

Tgt Ion:164 Resp: 808

Ion	Ratio	Lower	Upper
164	100		
129	77.7	64.5	119.7
131	73.7	62.9	116.7
166	121.1	90.7	168.5