Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072622\
Data File : VV026982.D
Acq On : 27 Jul 2022 04:10
Operator : SY/MD
Sample : N3880-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUF9

Quant Time: Jul 27 07:03:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 27 02:43:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	491949	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	482638	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	193377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	228827	55.460	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.920%			
7) Chloroethane-d5	1.565	69	196151	58.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.520%			
11) 1,1-Dichloroethene-d2	2.105	63	301338	40.595	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.200%			
21) 2-Butanone-d5	3.883	46	318603	114.559	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.560%			
24) Chloroform-d	4.343	84	438990	54.061	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.120%			
26) 1,2-Dichloroethane-d4	5.027	65	262369	56.485	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.980%			
32) Benzene-d6	5.043	84	873319	59.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.720%			
36) 1,2-Dichloropropane-d6	6.066	67	284689	60.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.100%#			
41) Toluene-d8	7.313	98	676531	52.999	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.000%			
43) trans-1,3-Dichloroprop...	7.619	79	91647	46.521	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.040%			
47) 2-Hexanone-d5	8.088	63	210149	102.656	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.660%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	399965	56.000	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	244730	67.458	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 134.920%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	4147	0.821	ug/L #	17
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3028	0.744	ug/L #	23
12) 1,1-Dichloroethene	2.105	96	3813	1.002	ug/L #	1
20) cis-1,2-Dichloroethene	3.902	96	2309443	545.227	ug/L	98
27) 1,2-Dichloroethane	5.043	62	4245	0.762	ug/L	96
34) Trichloroethene	5.908	95	1490170	373.616	ug/L	99
37) 1,2-Dichloropropane	5.908	63	5086	1.259	ug/L	99
46) Tetrachloroethene	7.973	164	1212879	389.827	ug/L	96
61) 1,2,3-Trichloropropane	11.246	75	22369	5.765	ug/L #	64

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

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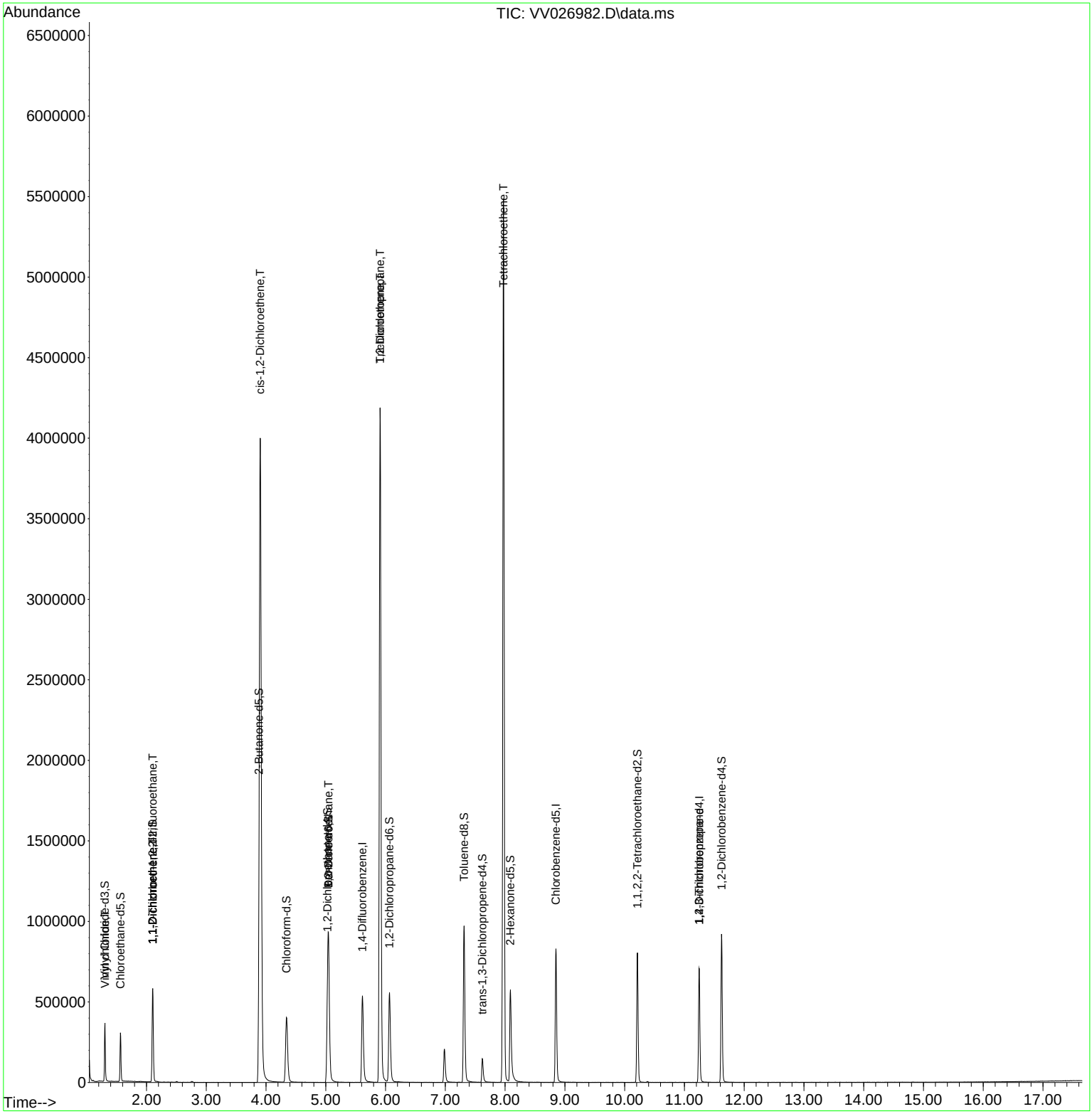
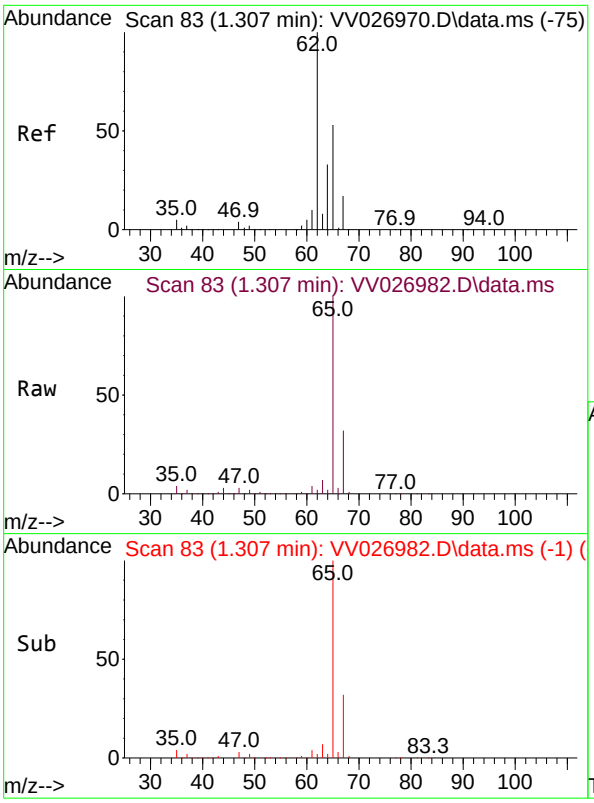


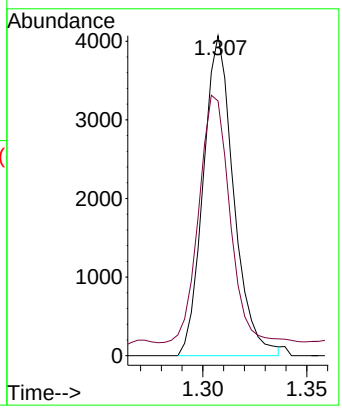


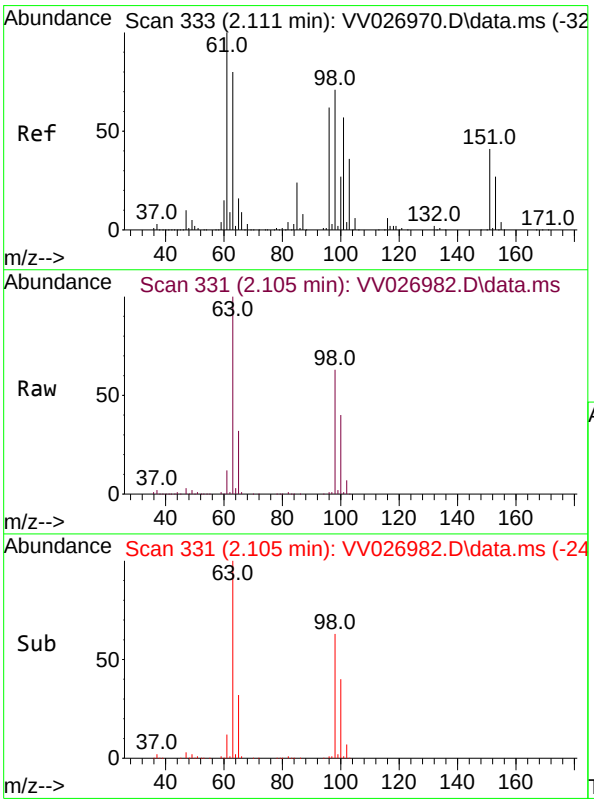
#5
Vinyl chloride
Concen: 0.821 ug/L
RT: 1.307 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV026982.D
Acq: 27 Jul 2022 04:10

Instrument :
MSVOA_V
ClientSampleId :
DBUF9

Tgt Ion: 62 Resp: 4147

Ion	Ratio	Lower	Upper
62	100		
64	79.6	23.0	42.6#

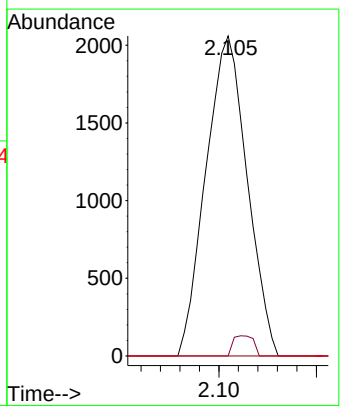


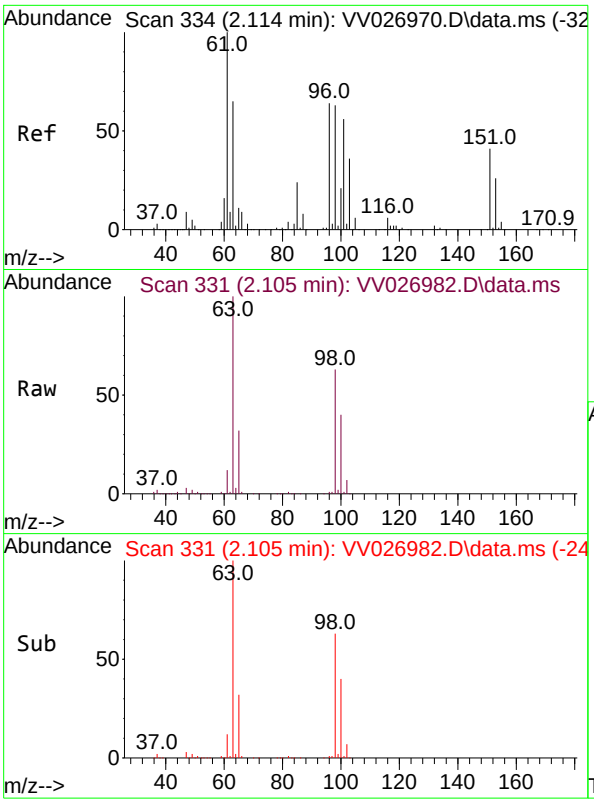


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.744 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV026982.D
Acq: 27 Jul 2022 04:10

Tgt Ion:101 Resp: 3028

Ion	Ratio	Lower	Upper
101	100		
85	3.1	33.1	49.7#
151	0.0	57.1	85.7#



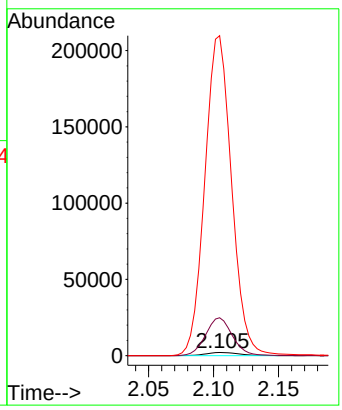


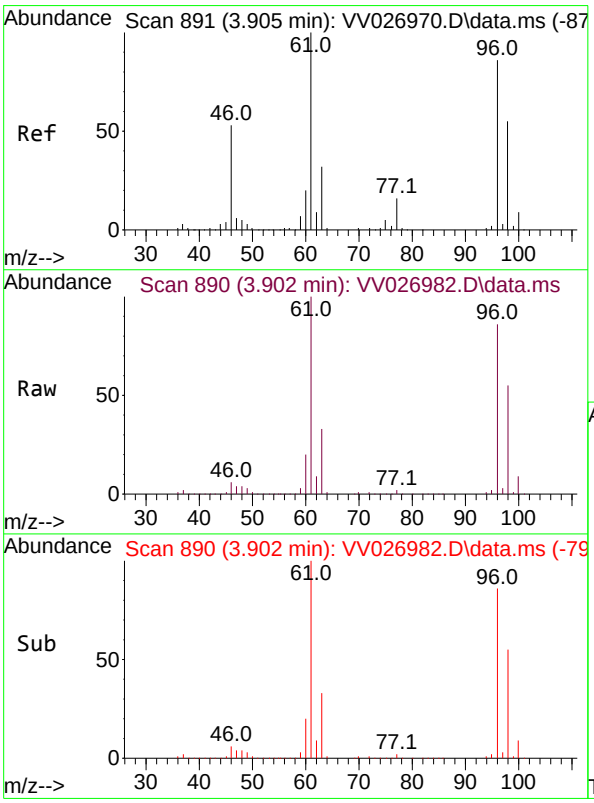
#12
1,1-Dichloroethene
Concen: 1.002 ug/L
RT: 2.105 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV026982.D
Acq: 27 Jul 2022 04:10

Instrument :
MSVOA_V
ClientSampleId :
DBUF9

Tgt Ion: 96 Resp: 3813

Ion	Ratio	Lower	Upper
96	100		
61	1170.1	114.2	212.0#
63	9854.0	87.0	161.6#

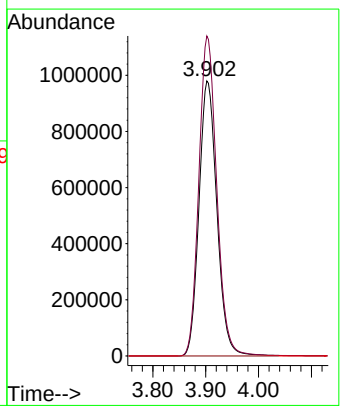


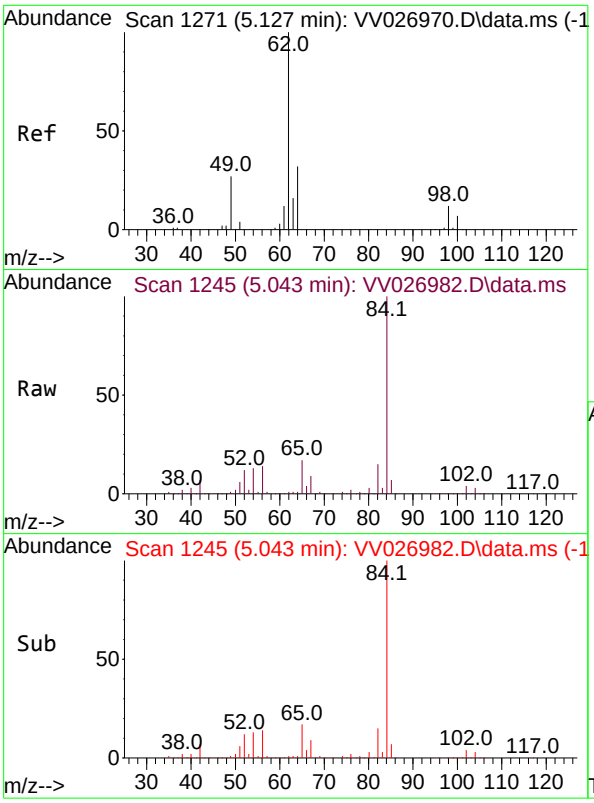


#20
cis-1,2-Dichloroethene
Concen: 545.227 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV026982.D
Acq: 27 Jul 2022 04:10

Tgt Ion: 96 Resp: 2309443

Ion	Ratio	Lower	Upper
96	100		
61	116.3	83.0	154.1
68	0.0	0.0	0.0



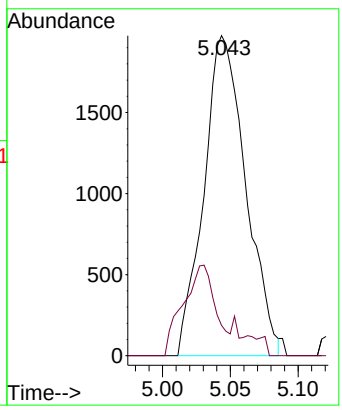


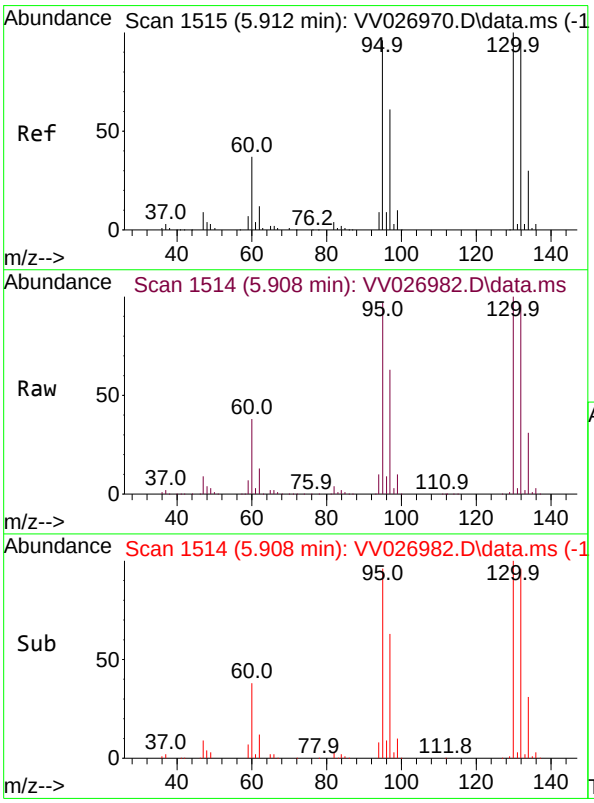
#27
1,2-Dichloroethane
Concen: 0.762 ug/L
RT: 5.043 min Scan# 1
Delta R.T. -0.084 min
Lab File: VV026982.D
Acq: 27 Jul 2022 04:10

Instrument :
MSVOA_V
ClientSampleId :
DBUF9

Tgt Ion: 62 Resp: 4245

Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.9	13.3

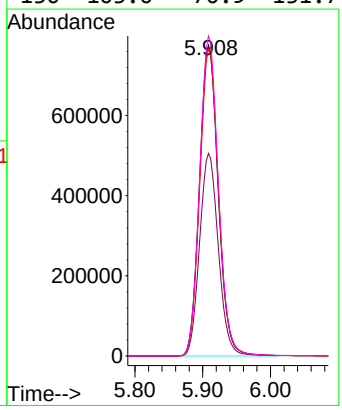


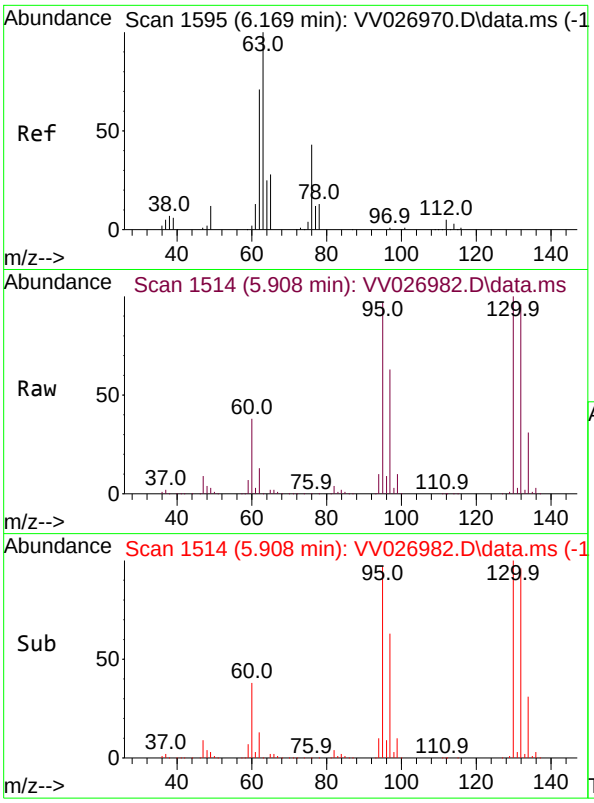


#34
Trichloroethene
Concen: 373.616 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV026982.D
Acq: 27 Jul 2022 04:10

Tgt Ion: 95 Resp: 1490170

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.9	85.3
132	98.8	68.1	126.5
130	103.0	70.9	131.7



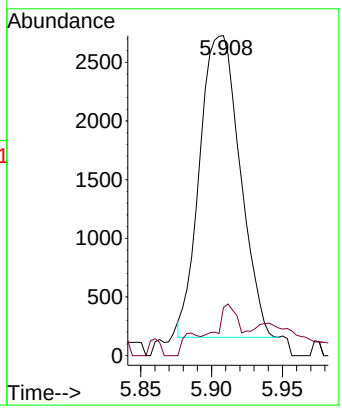


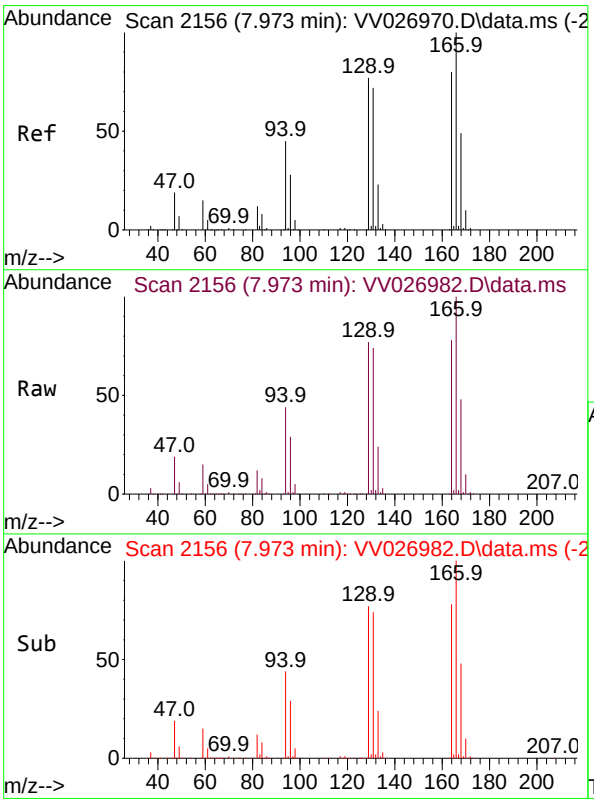
#37
1,2-Dichloropropane
Concen: 1.259 ug/L
RT: 5.908 min Scan# 1
Delta R.T. -0.260 min
Lab File: VV026982.D
Acq: 27 Jul 2022 04:10

Instrument :
MSVOA_V
ClientSampleId :
DBUF9

Tgt Ion: 63 Resp: 5086

Ion	Ratio	Lower	Upper
63	100		
112	4.6	3.8	5.8

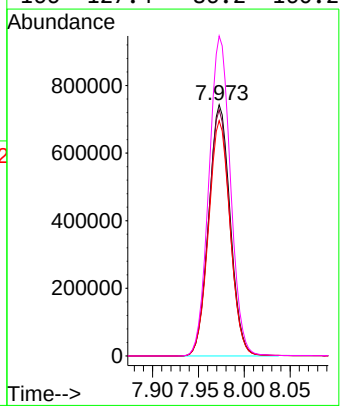


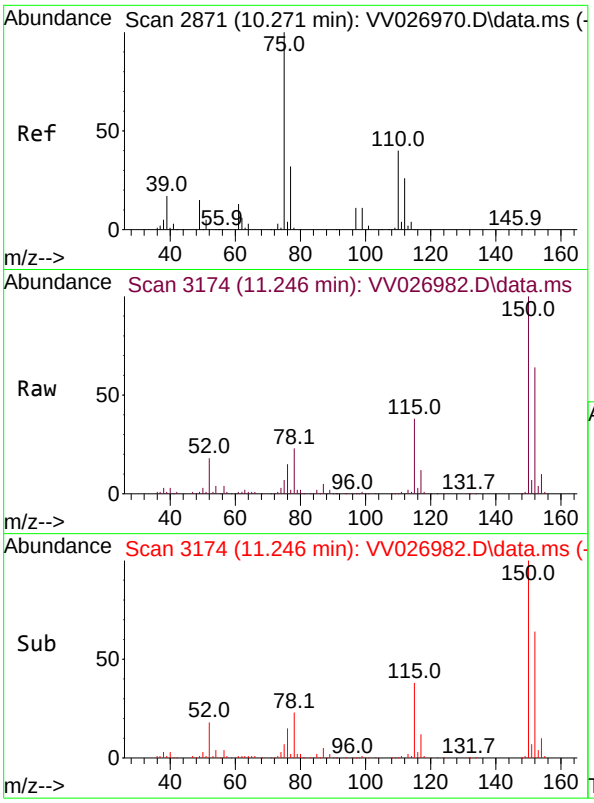


#46
Tetrachloroethene
Concen: 389.827 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026982.D
Acq: 27 Jul 2022 04:10

Tgt Ion:164 Resp: 1212879

Ion	Ratio	Lower	Upper
164	100		
129	98.0	66.3	123.1
131	93.7	63.1	117.3
166	127.4	86.2	160.2





#61
1,2,3-Trichloropropane
Concen: 5.765 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV026982.D
Acq: 27 Jul 2022 04:10

Instrument :
MSVOA_V
ClientSampleId :
DBUF9

Tgt Ion: 75 Resp: 22369

Ion	Ratio	Lower	Upper
75	100		
77	29.8	25.6	38.4
110	1.8	31.7	47.5#