Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
Data File : VV028795.D
Acq On : 31 Oct 2022 21:07
Operator : SY/MD
Sample : N5321-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 01 04:58:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 01 04:42:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	432892	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	387254	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	172661	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	132162	32.206	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.420%			
7) Chloroethane-d5	1.565	69	130366	37.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.320%			
11) 1,1-Dichloroethene-d2	2.105	63	223029	28.571	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.140%#			
21) 2-Butanone-d5	3.873	46	257780	86.294	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.290%			
24) Chloroform-d	4.339	84	246414	39.813	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.620%			
26) 1,2-Dichloroethane-d4	5.027	65	178262	43.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.100%			
32) Benzene-d6	5.043	84	507930	42.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.040%			
36) 1,2-Dichloropropane-d6	6.066	67	174691	42.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.180%			
41) Toluene-d8	7.310	98	424011	39.897	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.800%#			
43) trans-1,3-Dichloroprop...	7.616	79	64219	40.287	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.580%			
47) 2-Hexanone-d5	8.085	63	154800	82.534	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.530%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	227197	41.513	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.020%			
66) 1,2-Dichlorobenzene-d4	11.616	152	147851	43.381	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.760%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	40635	8.349	ug/L	96
12) 1,1-Dichloroethene	2.114	96	18807	5.825	ug/L #	1
17) trans-1,2-Dichloroethene	2.754	96	389404	124.687	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	3651572	1059.696	ug/L #	100
33) Benzene	5.098	78	14919	1.094	ug/L	100
39) cis-1,3-Dichloropropene	6.986	75	4533	0.880	ug/L #	67
46) Tetrachloroethene	7.973	164	2836010	1283.447	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	3267	0.579	ug/L	86
67) 1,2-Dichlorobenzene	11.635	146	8990	1.597	ug/L	88

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

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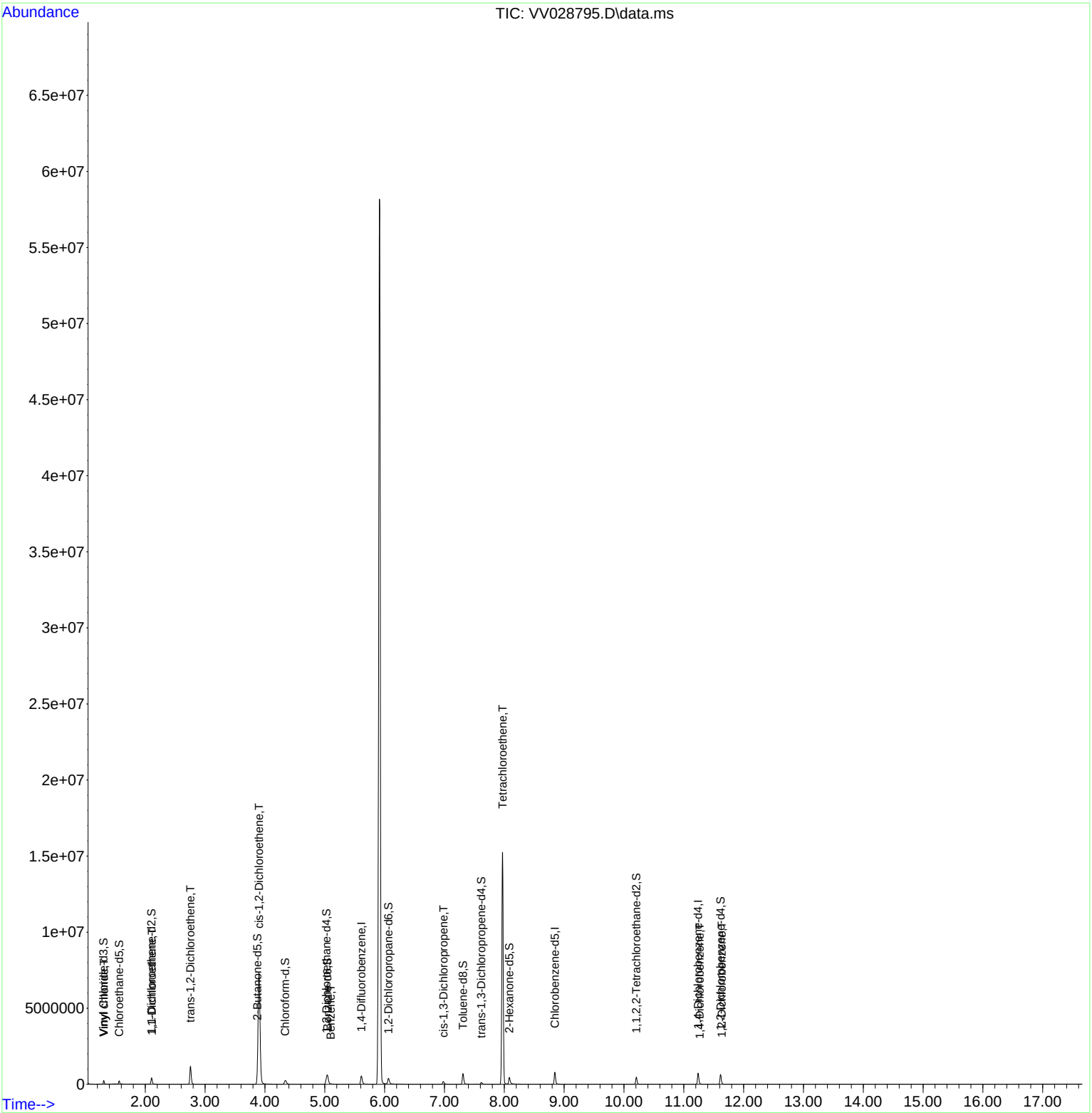
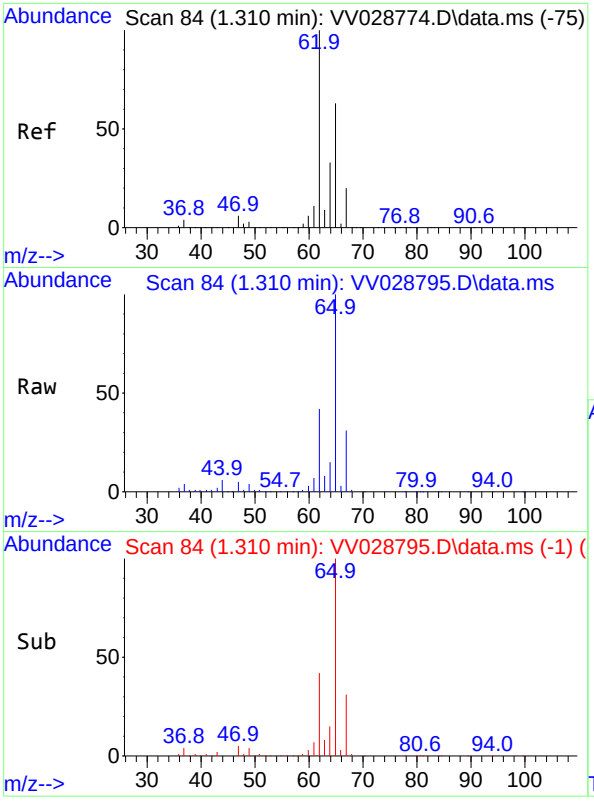


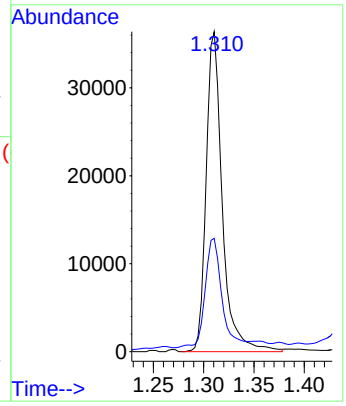


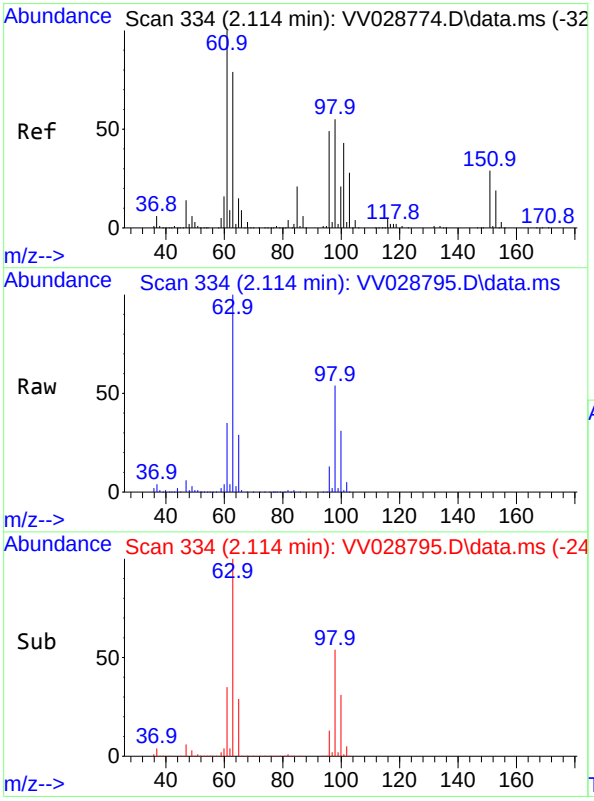
#5
Vinyl chloride
Concen: 8.349 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028795.D
Acq: 31 Oct 2022 21:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 40635

Ion	Ratio	Lower	Upper
62	100		
64	35.4	23.2	43.0

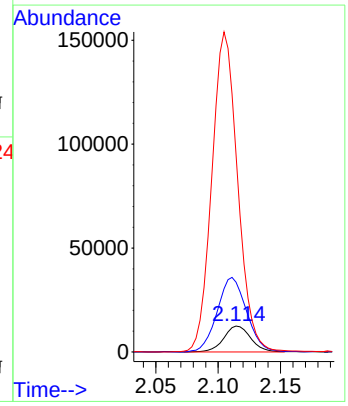


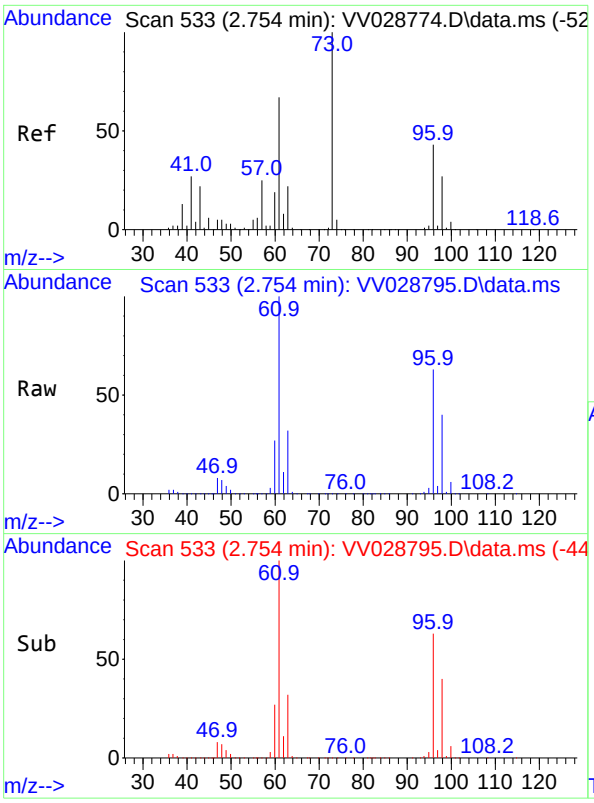


#12
1,1-Dichloroethene
Concen: 5.825 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV028795.D
Acq: 31 Oct 2022 21:07

Tgt Ion: 96 Resp: 18807

Ion	Ratio	Lower	Upper
96	100		
61	268.8	142.7	265.1#
63	761.5	112.5	208.9#



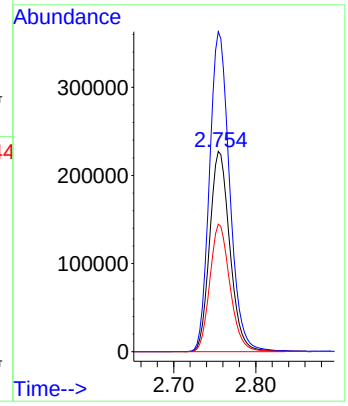


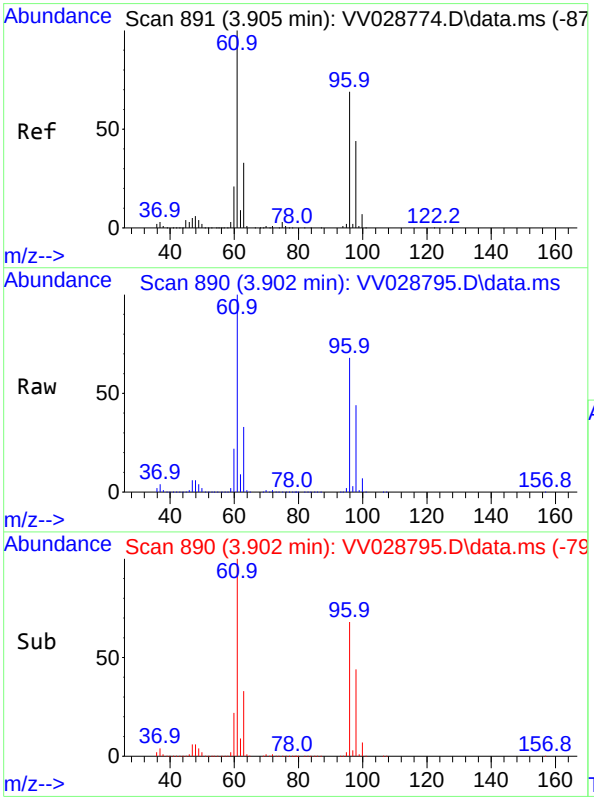
#17
trans-1,2-Dichloroethene
Concen: 124.687 ug/L
RT: 2.754 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV028795.D
Acq: 31 Oct 2022 21:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 389404

Ion	Ratio	Lower	Upper
96	100		
61	159.8	109.4	203.2
98	63.7	43.3	80.5

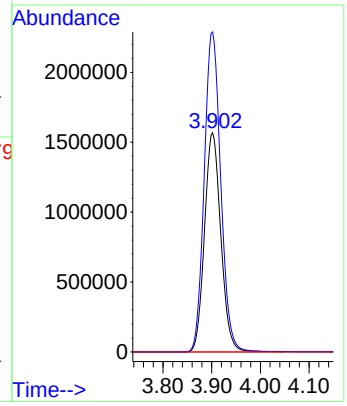


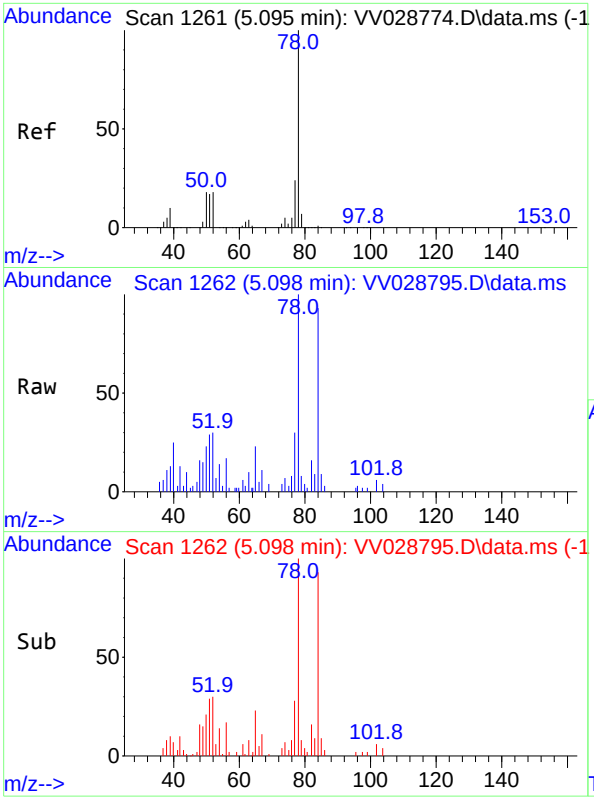


#20
cis-1,2-Dichloroethene
Concen: 1059.696 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028795.D
Acq: 31 Oct 2022 21:07

Tgt Ion: 96 Resp: 3651572

Ion	Ratio	Lower	Upper
96	100		
61	146.0	102.3	190.1
68	0.0	0.1	0.3#

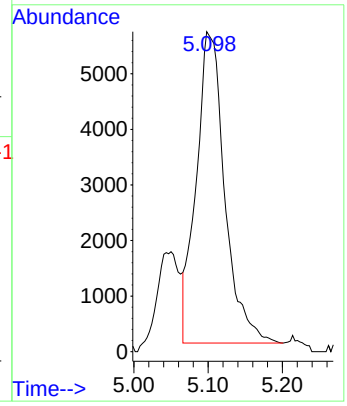


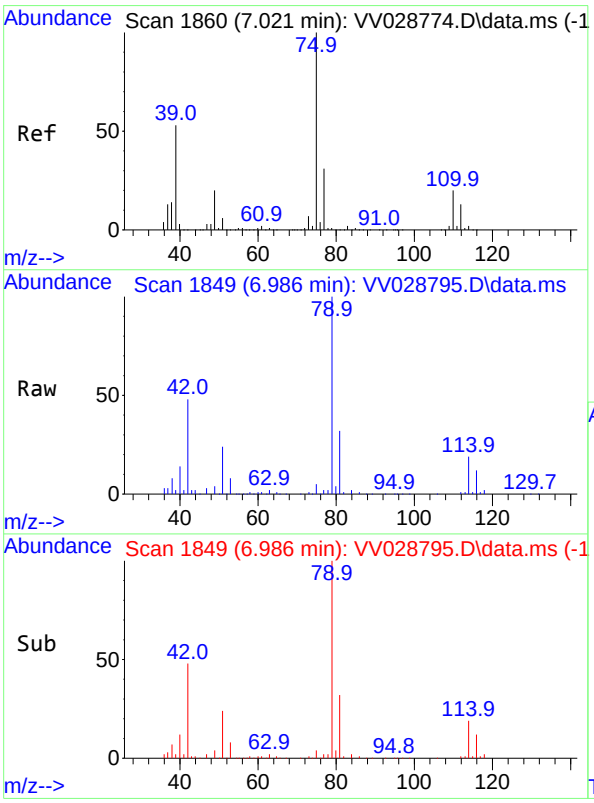


#33
Benzene
Concen: 1.094 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028795.D
Acq: 31 Oct 2022 21:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 14919

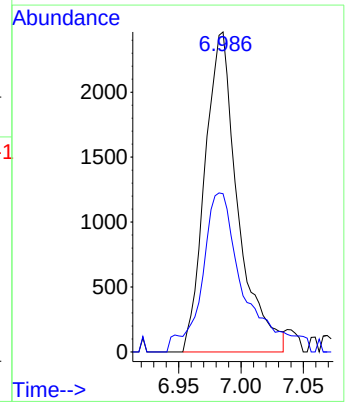


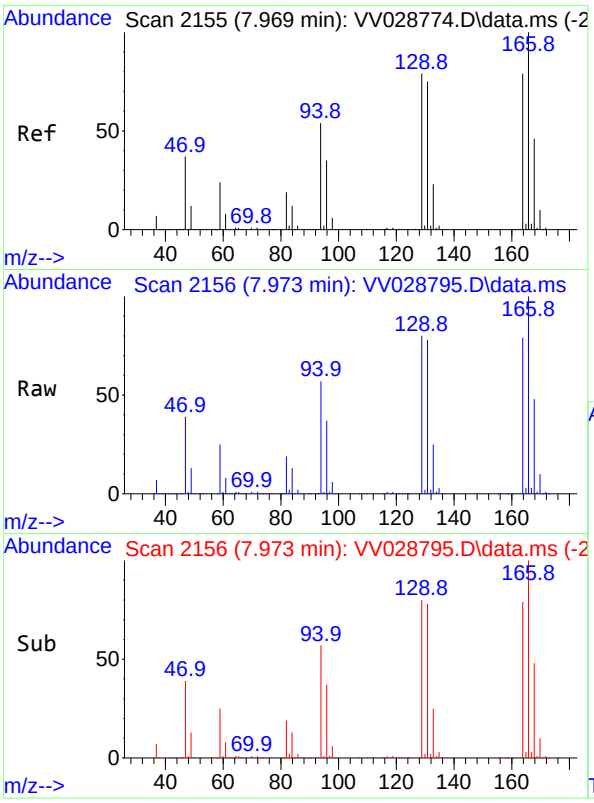


#39
cis-1,3-Dichloropropene
Concen: 0.880 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV028795.D
Acq: 31 Oct 2022 21:07

Tgt Ion: 75 Resp: 4533

Ion	Ratio	Lower	Upper
75	100		
77	49.5	21.8	40.4#



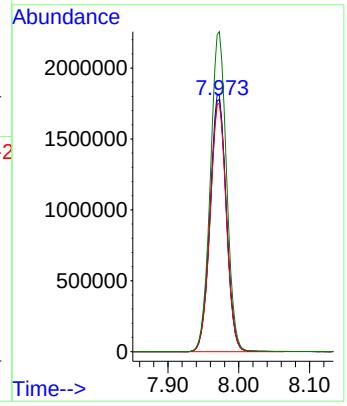


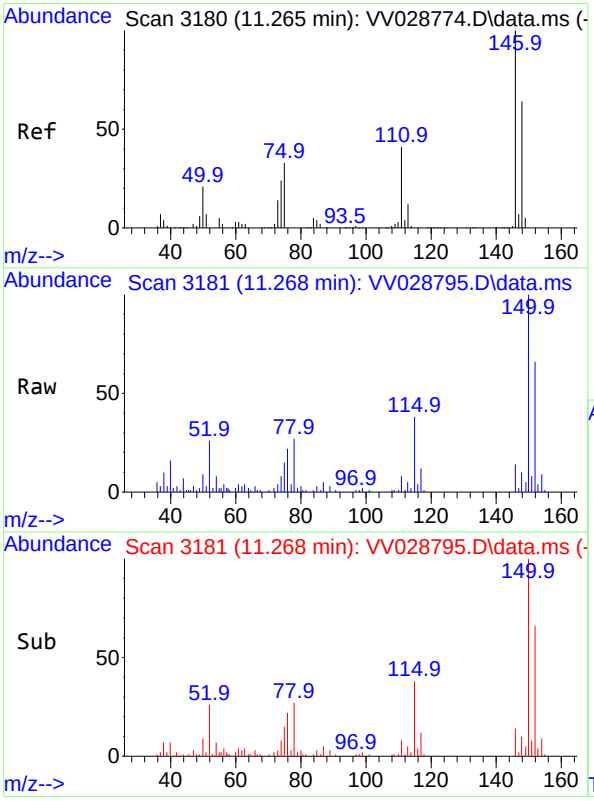
#46
Tetrachloroethene
Concen: 1283.447 ug/L
RT: 7.973 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028795.D
Acq: 31 Oct 2022 21:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 2836010

Ion	Ratio	Lower	Upper
164	100		
129	101.7	69.5	129.1
131	98.5	66.4	123.2
166	126.9	88.5	164.3

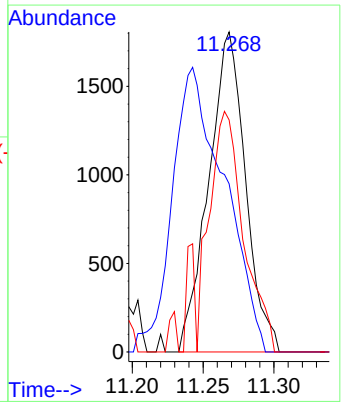


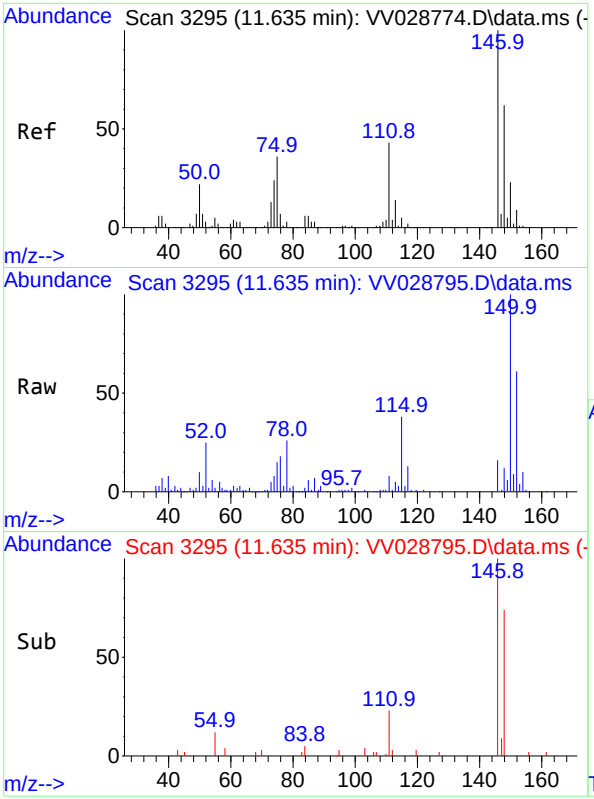


#65
1,4-Dichlorobenzene
Concen: 0.579 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VV028795.D
Acq: 31 Oct 2022 21:07

Tgt Ion:146 Resp: 3267

Ion	Ratio	Lower	Upper
146	100		
111	52.6	28.7	53.3
148	72.5	45.1	83.7





#67
1,2-Dichlorobenzene
Concen: 1.597 ug/L
RT: 11.635 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028795.D
Acq: 31 Oct 2022 21:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 8990

Ion	Ratio	Lower	Upper
146	100		
111	49.8	34.2	51.2
148	72.0	49.5	74.3