Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
Data File : VV028784.D
Acq On : 31 Oct 2022 16:42
Operator : SY/MD
Sample : N5301-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 01 04:57:15 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	478938	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	434590	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	189368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	152333	33.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.100%		
7) Chloroethane-d5	1.564	69	149031	38.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.800%		
11) 1,1-Dichloroethene-d2	2.105	63	245404	28.415	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.820%#		
21) 2-Butanone-d5	3.873	46	295167	89.309	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.310%		
24) Chloroform-d	4.342	84	283742	41.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.880%		
26) 1,2-Dichloroethane-d4	5.027	65	200761	44.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.660%		
32) Benzene-d6	5.043	84	580384	42.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.560%		
36) 1,2-Dichloropropane-d6	6.063	67	208045	44.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.340%		
41) Toluene-d8	7.310	98	496579	41.635	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.280%		
43) trans-1,3-Dichloroprop...	7.616	79	72175	40.346	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.700%		
47) 2-Hexanone-d5	8.085	63	179328	85.197	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.200%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	263037	42.827	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.660%		
66) 1,2-Dichlorobenzene-d4	11.615	152	166665	44.587	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.180%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	13588	2.523	ug/L #	80
12) 1,1-Dichloroethene	2.117	96	6107	1.710	ug/L #	1
13) Acetone	2.166	43	8518	2.662	ug/L	91
17) trans-1,2-Dichloroethene	2.757	96	114937	33.264	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	1621857	425.417	ug/L #	99
27) 1,2-Dichloroethane	5.043	62	4030	0.706	ug/L	99
33) Benzene	5.098	78	16848	1.101	ug/L	100
34) Trichloroethene	5.912	95	208699	58.329	ug/L	99

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

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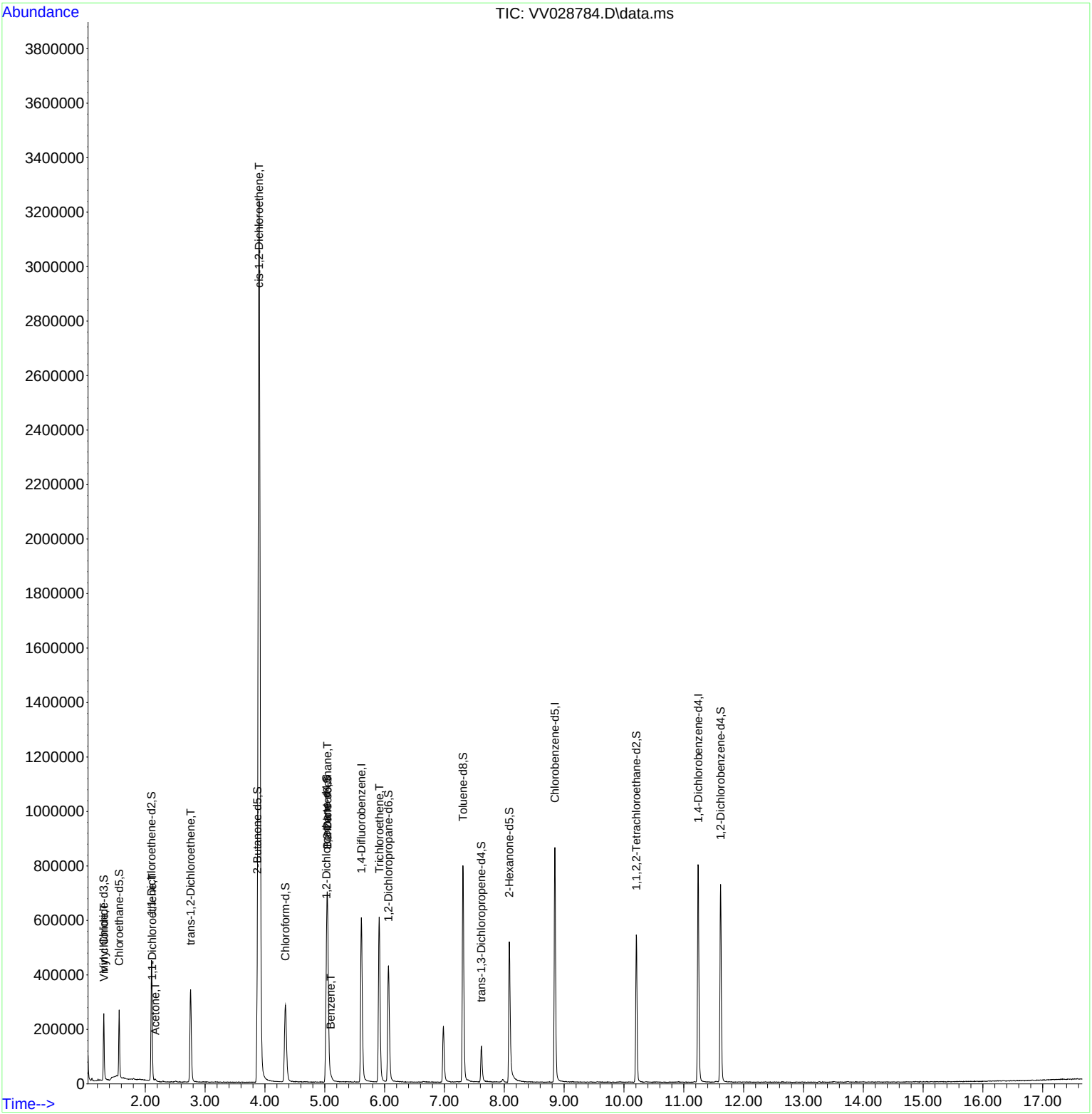
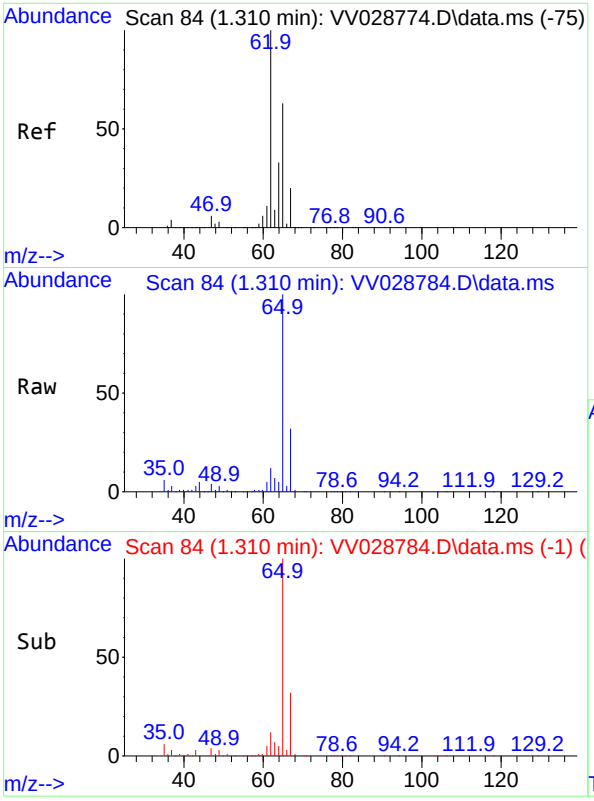


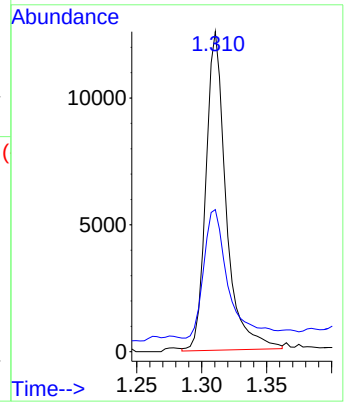


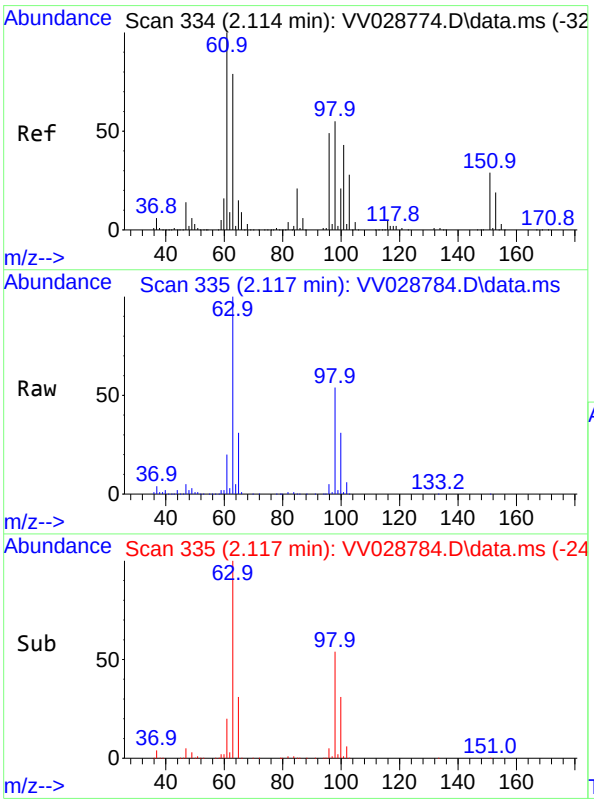
#5
Vinyl chloride
Concen: 2.523 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028784.D
Acq: 31 Oct 2022 16:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 13588

Ion	Ratio	Lower	Upper
62	100		
64	44.4	23.2	43.0#

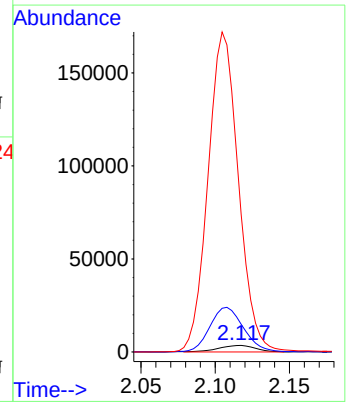


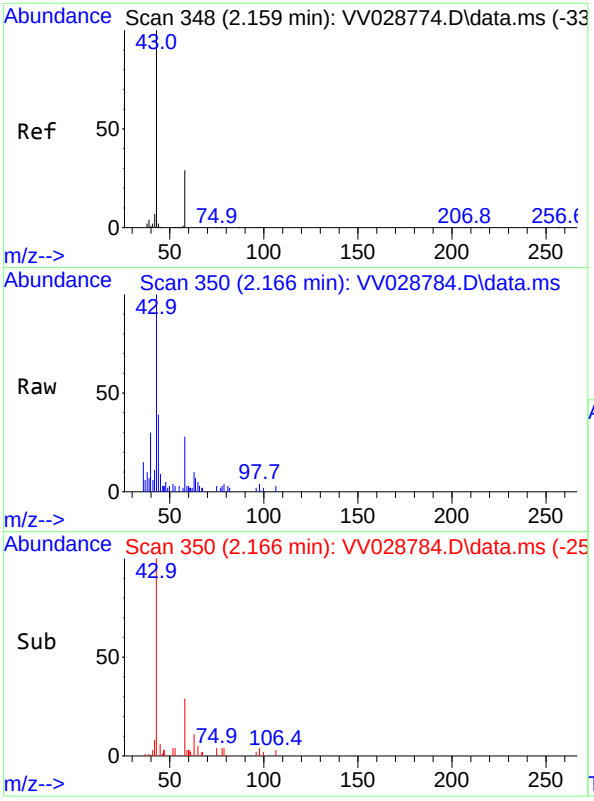


#12
1,1-Dichloroethene
Concen: 1.710 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV028784.D
Acq: 31 Oct 2022 16:42

Tgt Ion: 96 Resp: 6107

Ion	Ratio	Lower	Upper
96	100		
61	421.9	142.7	265.1#
63	2096.8	112.5	208.9#



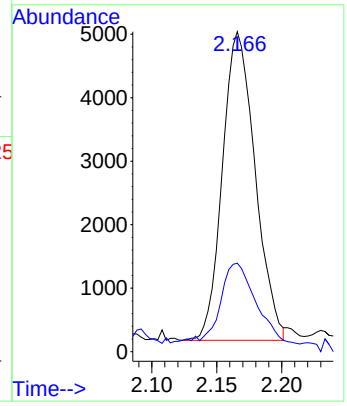


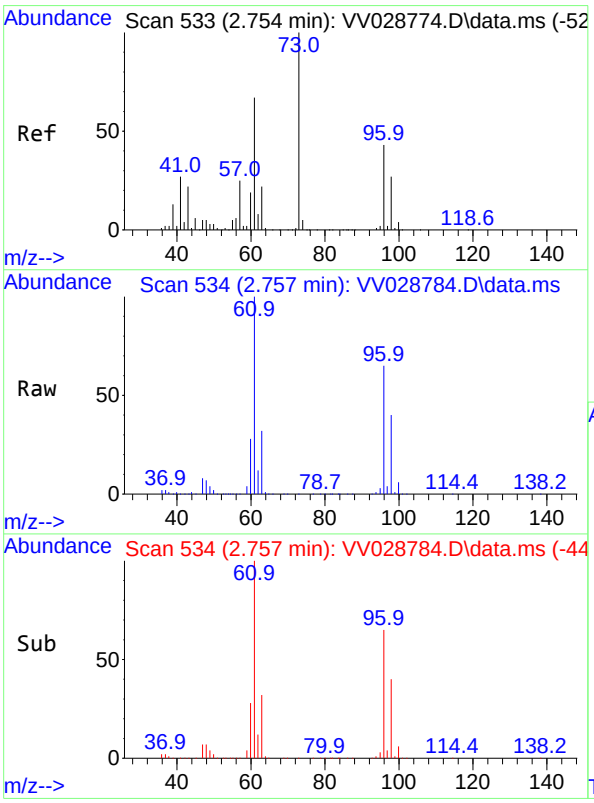
#13
Acetone
Concen: 2.662 ug/L
RT: 2.166 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV028784.D
Acq: 31 Oct 2022 16:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 8518

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	59.0

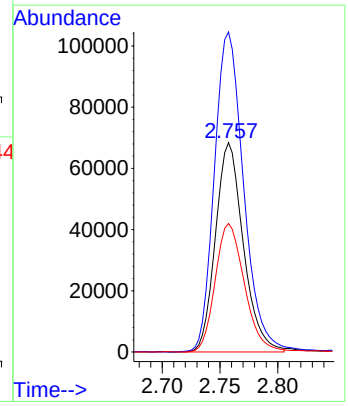


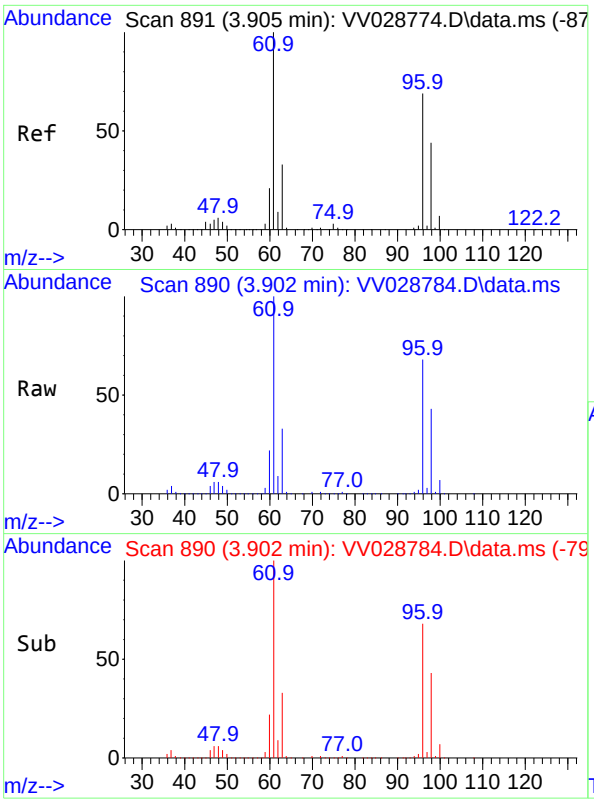


#17
trans-1,2-Dichloroethene
Concen: 33.264 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028784.D
Acq: 31 Oct 2022 16:42

Tgt Ion: 96 Resp: 114937

Ion	Ratio	Lower	Upper
96	100		
61	152.9	109.4	203.2
98	61.4	43.3	80.5



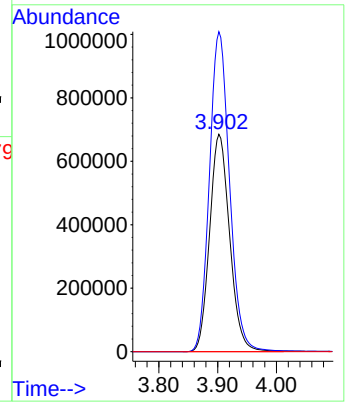


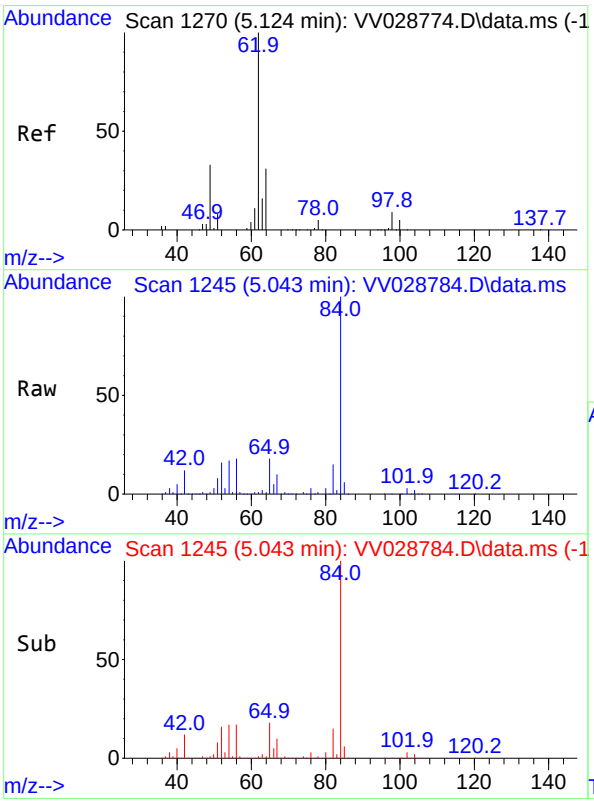
#20
cis-1,2-Dichloroethene
Concen: 425.417 ug/L
RT: 3.902 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV028784.D
Acq: 31 Oct 2022 16:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1621857

Ion	Ratio	Lower	Upper
96	100		
61	147.2	102.3	190.1
68	0.0	0.1	0.3#

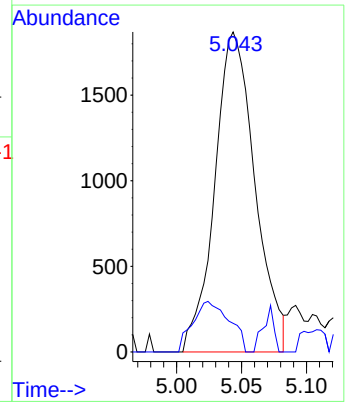


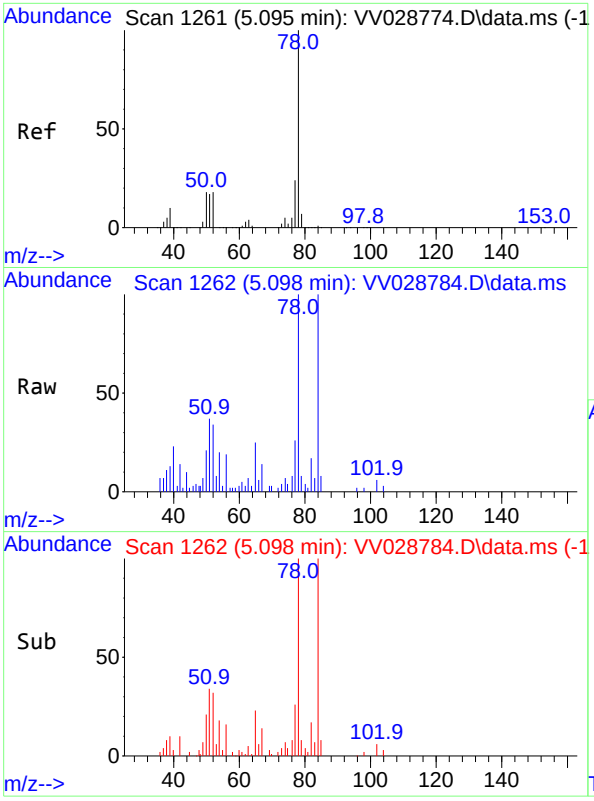


#27
1,2-Dichloroethane
Concen: 0.706 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.080 min
Lab File: VV028784.D
Acq: 31 Oct 2022 16:42

Tgt Ion: 62 Resp: 4030

Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.9	10.3

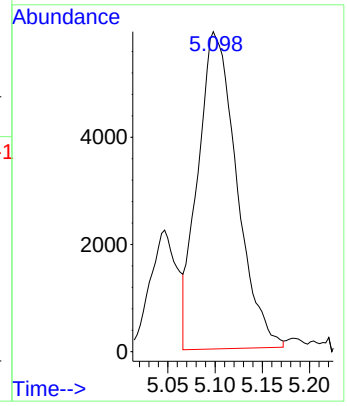


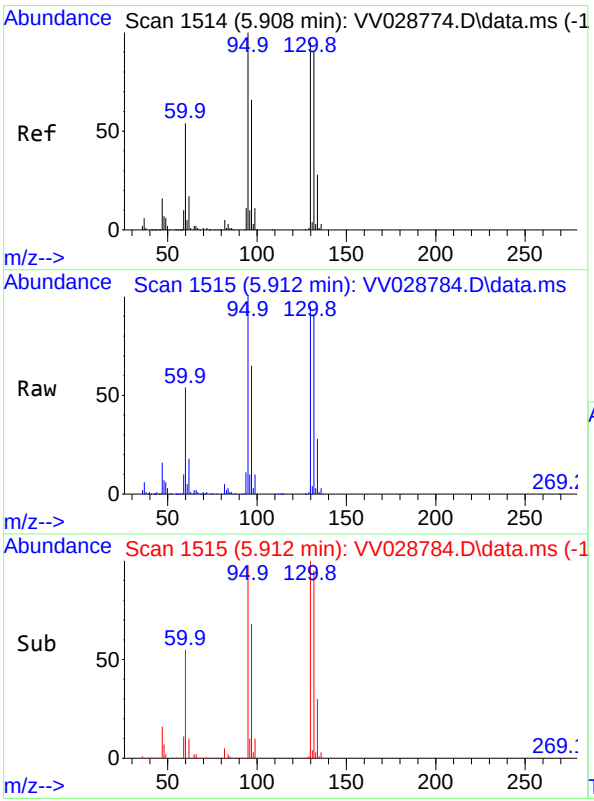


#33
Benzene
Concen: 1.101 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028784.D
Acq: 31 Oct 2022 16:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 16848





#34
Trichloroethene
Concen: 58.329 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028784.D
Acq: 31 Oct 2022 16:42

Tgt Ion: 95 Resp: 208699

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.2	85.8
132	90.5	63.2	117.4
130	95.3	66.2	123.0