Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037557.D
Acq On : 26 Sep 2024 18:38
Operator : SY/MD
Sample : P4184-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY034

Quant Time: Sep 27 00:54:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:49:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	683169	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	646752	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	311089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	263527	43.942	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.880%		
7) Chloroethane-d5	1.532	69	205412	44.127	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.260%		
11) 1,1-Dichloroethene-d2	2.060	65	113436	45.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.540%		
21) 2-Butanone-d5	3.790	46	203418	95.230	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.230%		
24) Chloroform-d	4.243	84	458594	42.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.960%		
26) 1,2-Dichloroethane-d4	4.937	65	275682	44.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.280%		
32) Benzene-d6	4.953	84	926398	45.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.540%		
36) 1,2-Dichloropropane-d6	5.982	67	289739	44.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.920%		
41) Toluene-d8	7.236	98	818754	44.615	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.240%		
43) trans-1,3-Dichloroprop...	7.548	79	128088	42.786	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.580%		
47) 2-Hexanone-d5	8.024	63	125693	92.367	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.370%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	332757	44.439	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.880%		
66) 1,2-Dichlorobenzene-d4	11.555	152	309429	47.203	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	120832	19.962	ug/L	97
8) Chloroethane	1.548	64	33812	9.063	ug/L	93
12) 1,1-Dichloroethene	2.069	96	18492	4.066	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	13514	2.809	ug/L	95
19) 1,1-Dichloroethane	3.105	63	1403702	152.265	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	1041225	193.378	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	958357	120.312	ug/L	99
34) Trichloroethene	5.841	95	10317	1.986	ug/L	93
46) Tetrachloroethene	7.902	164	43198	10.877	ug/L	97

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

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QLast Update : Fri Sep 27 00:49:09 2024
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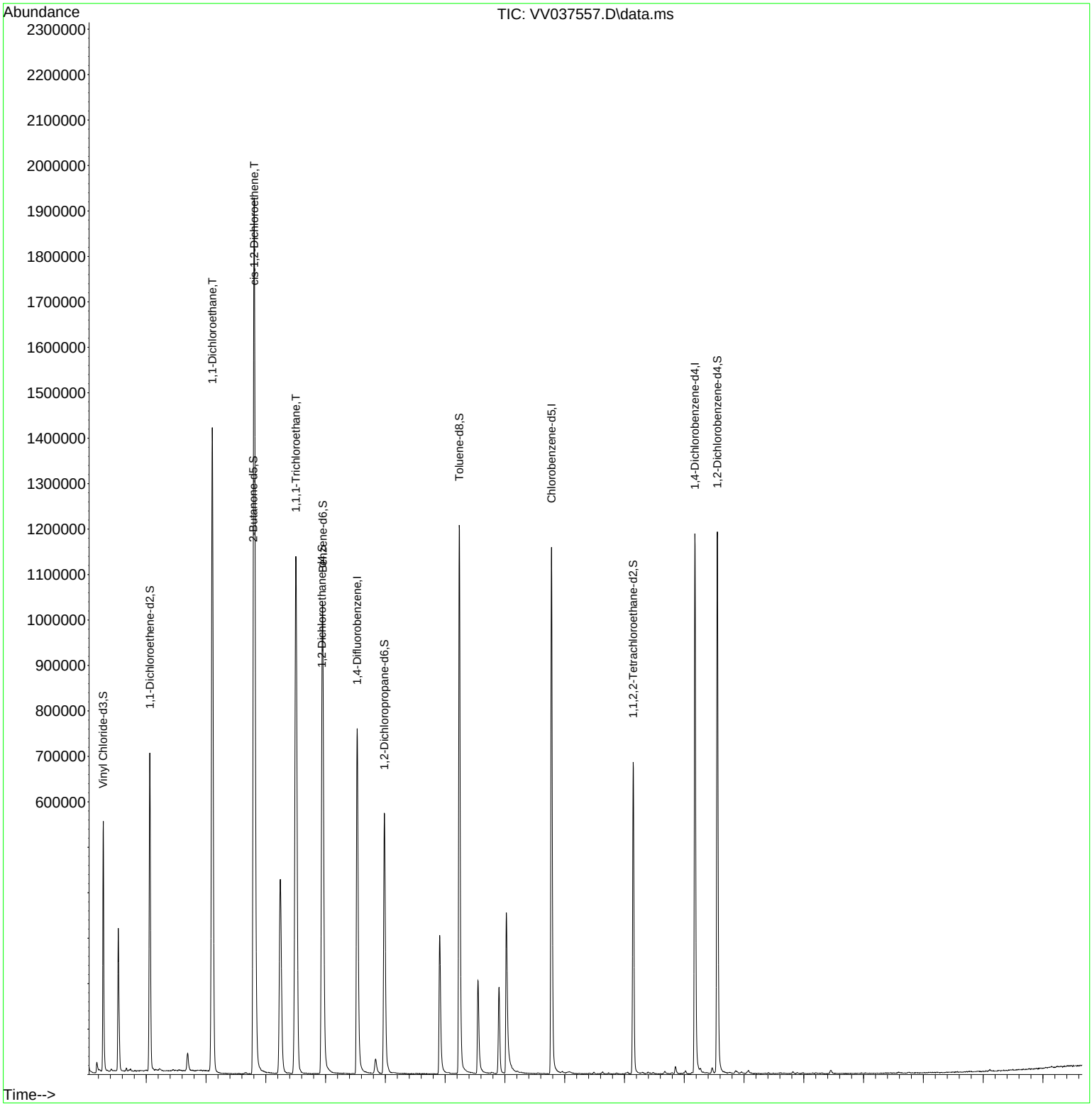
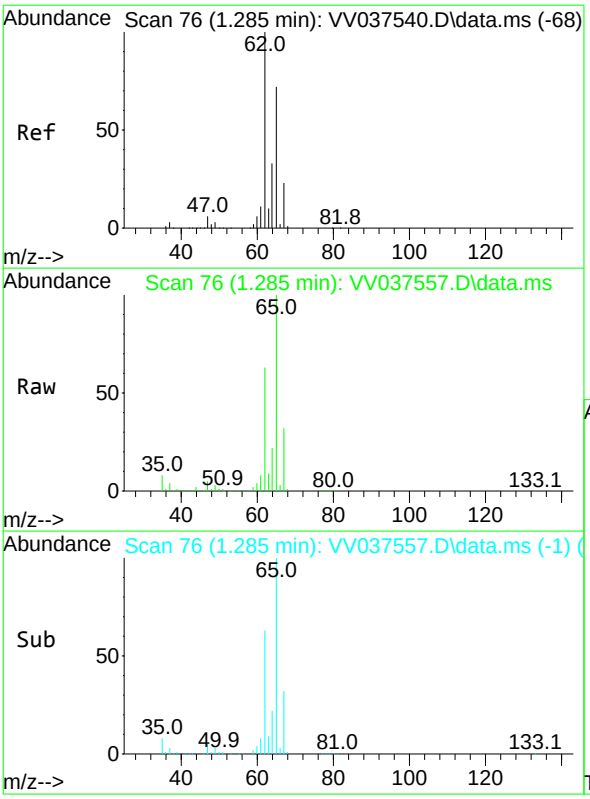


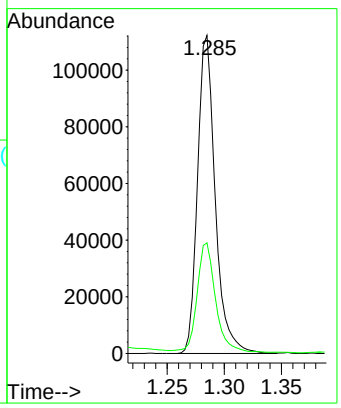


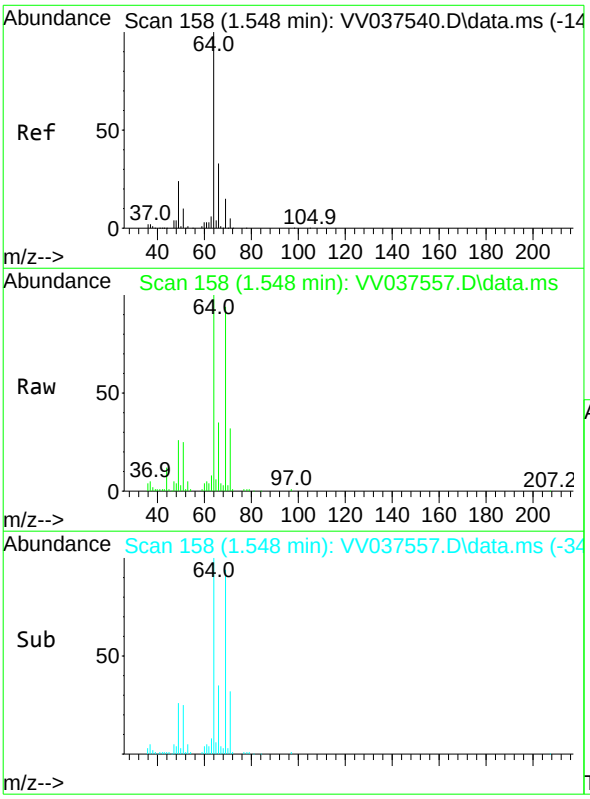
#5
Vinyl chloride
Concen: 19.962 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV037557.D
Acq: 26 Sep 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :
EY034

Tgt Ion: 62 Resp: 120832

Ion	Ratio	Lower	Upper
62	100		
64	34.8	23.2	43.0

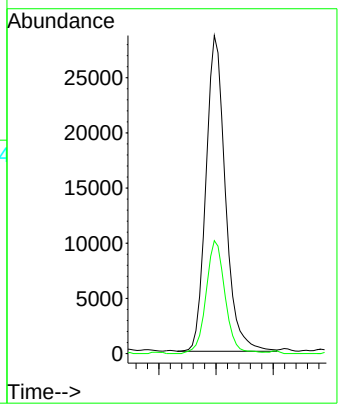


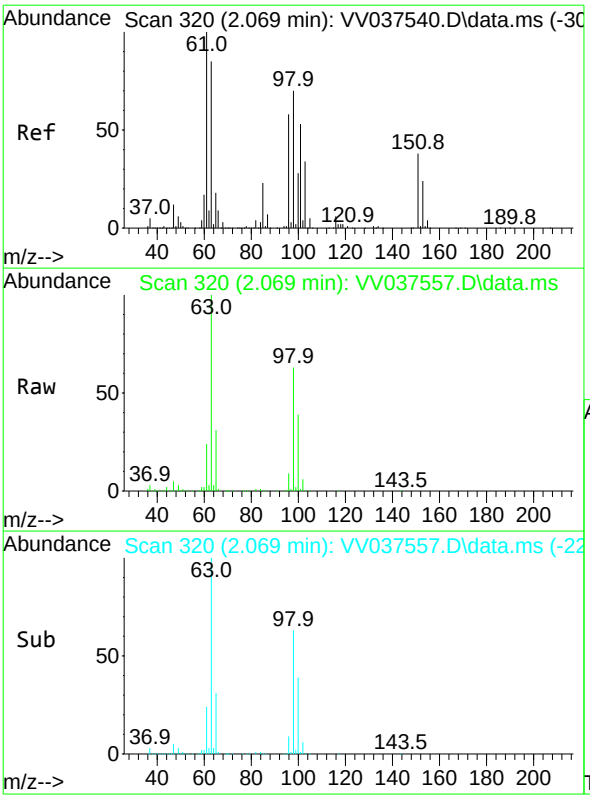


#8
Chloroethane
Concen: 9.063 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037557.D
Acq: 26 Sep 2024 18:38

Tgt Ion: 64 Resp: 33812

Ion	Ratio	Lower	Upper
64	100		
66	35.5	22.2	41.2



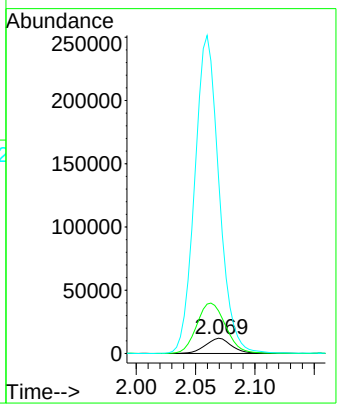


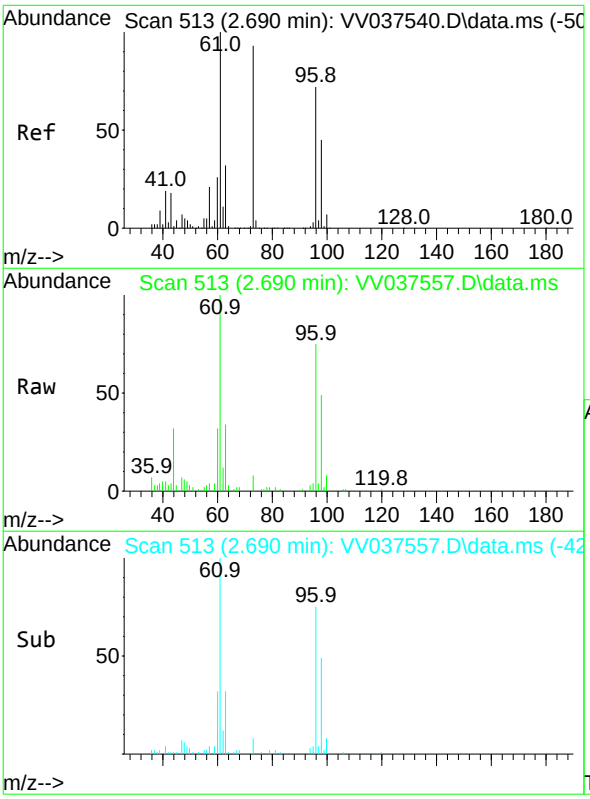
#12
1,1-Dichloroethene
Concen: 4.066 ug/L
RT: 2.069 min Scan# 32
Delta R.T. 0.000 min
Lab File: VV037557.D
Acq: 26 Sep 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :
EY034

Tgt Ion: 96 Resp: 18492

Ion	Ratio	Lower	Upper
96	100		
61	279.2	122.6	227.6#
63	1151.6	118.0	219.2#

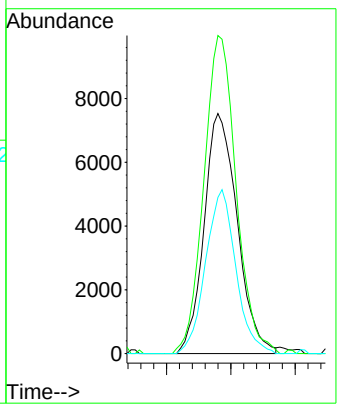


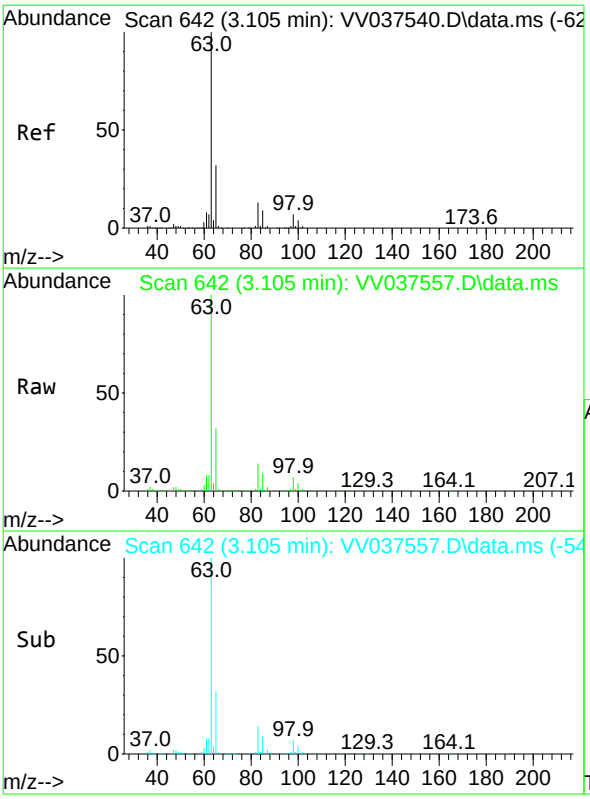


#17
trans-1,2-Dichloroethene
Concen: 2.809 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037557.D
Acq: 26 Sep 2024 18:38

Tgt Ion: 96 Resp: 13514

Ion	Ratio	Lower	Upper
96	100		
61	132.5	97.3	180.7
98	65.1	43.9	81.5



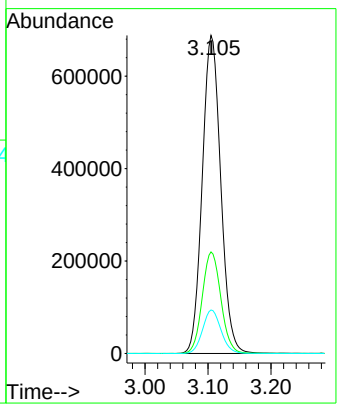


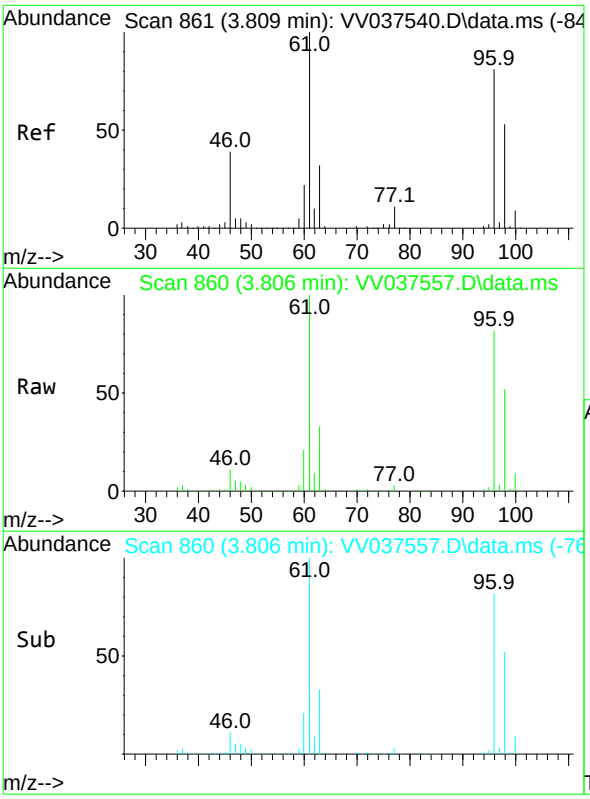
#19
1,1-Dichloroethane
Concen: 152.265 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV037557.D
Acq: 26 Sep 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :
EY034

Tgt Ion: 63 Resp: 1403702

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.4	41.6
83	13.7	9.5	17.7

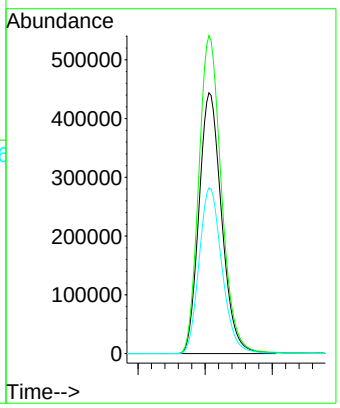


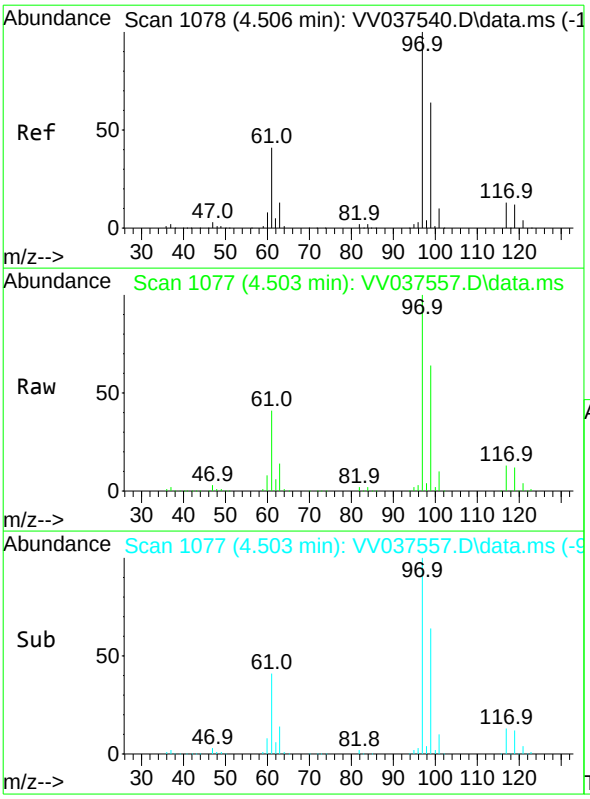


#20
cis-1,2-Dichloroethene
Concen: 193.378 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037557.D
Acq: 26 Sep 2024 18:38

Tgt Ion: 96 Resp: 1041225

Ion	Ratio	Lower	Upper
96	100		
61	121.9	85.0	157.8
98	63.5	44.2	82.0



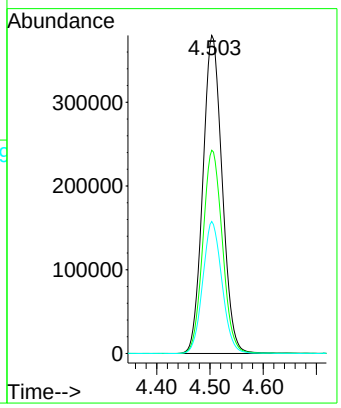


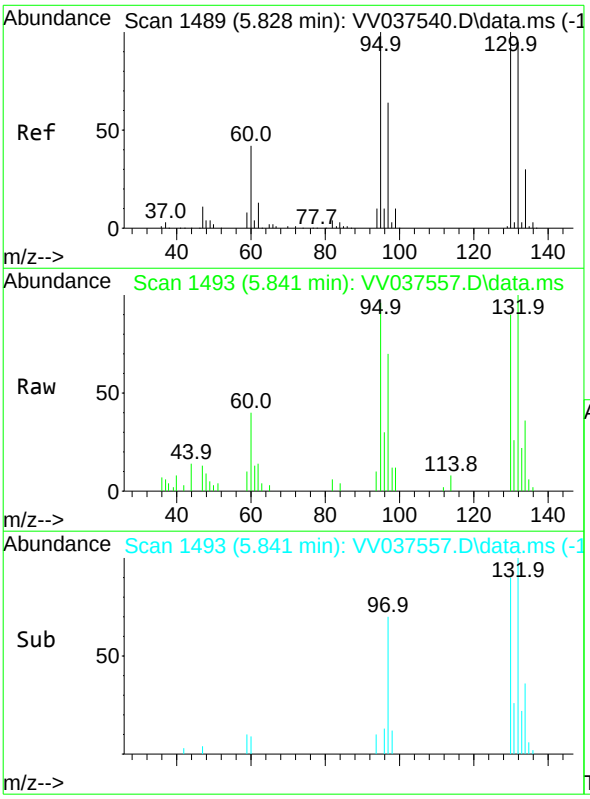
#30
1,1,1-Trichloroethane
Concen: 120.312 ug/L
RT: 4.503 min Scan# 10
Delta R.T. -0.003 min
Lab File: VV037557.D
Acq: 26 Sep 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :
EY034

Tgt Ion: 97 Resp: 958357

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	41.3	33.6	50.4

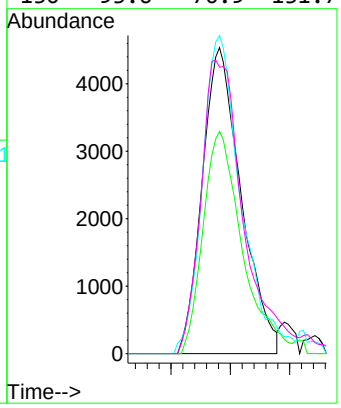


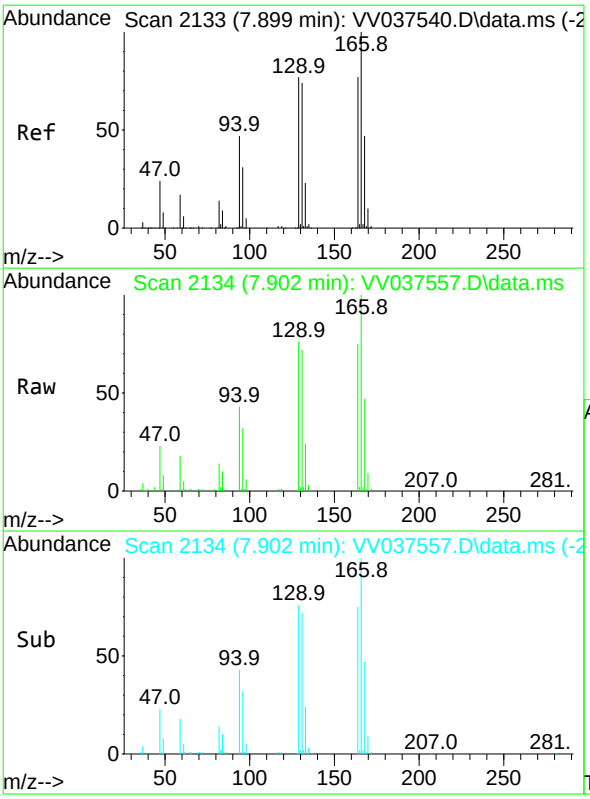


#34
Trichloroethene
Concen: 1.986 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV037557.D
Acq: 26 Sep 2024 18:38

Tgt Ion: 95 Resp: 10317

Ion	Ratio	Lower	Upper
95	100		
97	72.6	46.3	85.9
132	103.9	68.6	127.4
130	93.6	70.9	131.7





#46
Tetrachloroethene
Concen: 10.877 ug/L
RT: 7.902 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037557.D
Acq: 26 Sep 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :
EY034

Tgt Ion:164 Resp: 43198

Ion	Ratio	Lower	Upper
164	100		
129	101.8	68.2	126.6
131	95.8	66.1	122.8
166	133.9	91.1	169.1