Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037601.D
Acq On : 27 Sep 2024 13:28
Operator : SY/MD
Sample : P4184-08
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 27 23:48:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	636308	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	611283	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	281415	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	217784	38.989	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.980%			
7) Chloroethane-d5	1.532	69	181702	41.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.820%			
11) 1,1-Dichloroethene-d2	2.060	65	96057	41.161	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.320%			
21) 2-Butanone-d5	3.796	46	177624	89.279	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.280%			
24) Chloroform-d	4.243	84	426289	42.896	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.800%			
26) 1,2-Dichloroethane-d4	4.937	65	259792	44.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.320%			
32) Benzene-d6	4.953	84	841094	43.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.940%			
36) 1,2-Dichloropropane-d6	5.985	67	270894	44.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.940%			
41) Toluene-d8	7.239	98	739386	42.628	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.260%			
43) trans-1,3-Dichloroprop...	7.551	79	116867	41.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.600%			
47) 2-Hexanone-d5	8.024	63	108661	84.484	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.480%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	305635	43.185	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.380%			
66) 1,2-Dichlorobenzene-d4	11.554	152	279013	47.051	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.100%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	15436	3.644	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	315513	36.745	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	22623	4.511	ug/L	91
30) 1,1,1-Trichloroethane	4.506	97	234741	31.179	ug/L	99
31) Carbon tetrachloride	4.506	117	30103	4.599	ug/L	99
34) Trichloroethene	5.838	95	8329	1.696	ug/L	90
39) cis-1,3-Dichloropropene	6.908	75	7349	0.967	ug/L #	47
46) Tetrachloroethene	7.902	164	12687	3.380	ug/L	91
48) 2-Hexanone	8.027	43	12986	4.309	ug/L #	65

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

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Instrument :
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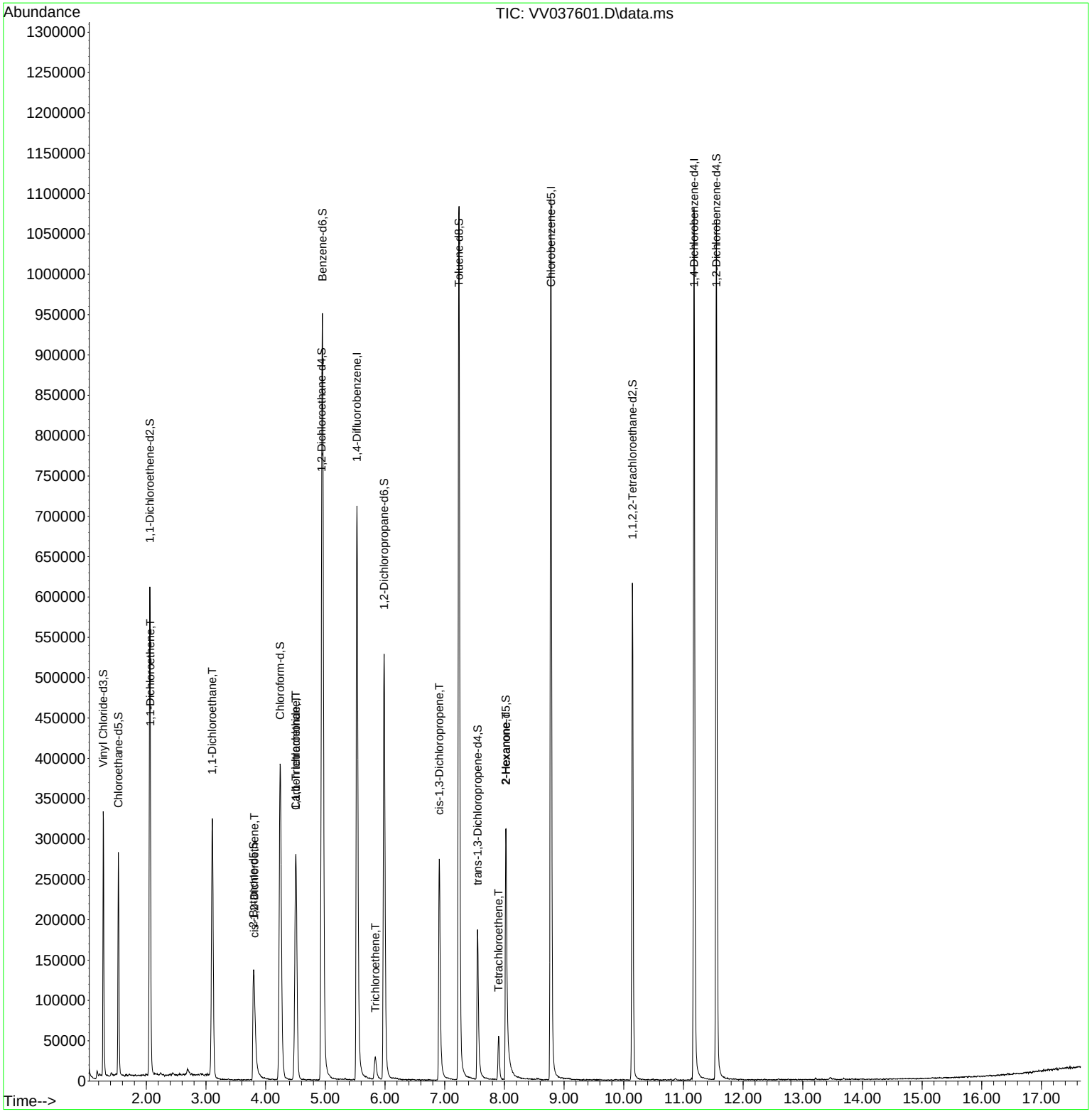
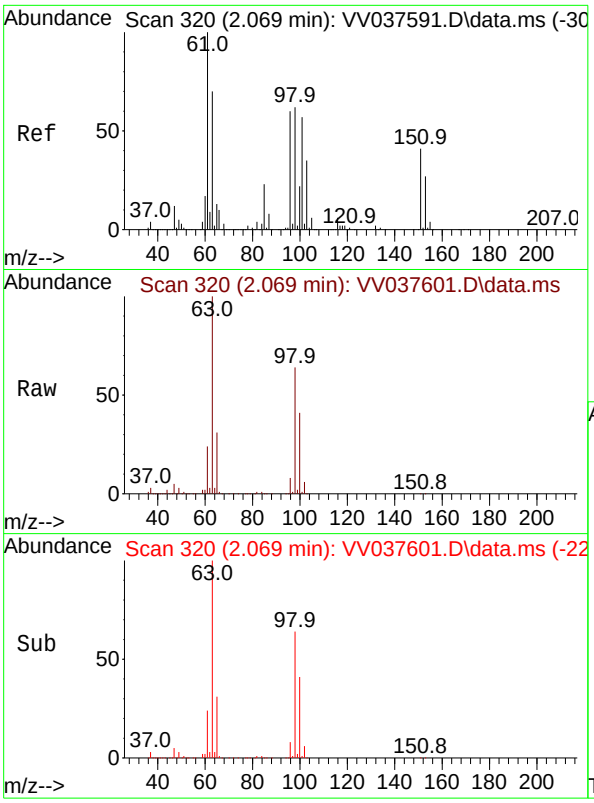
ClientSampleId :

Quant Time: Sep 27 23:48:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration



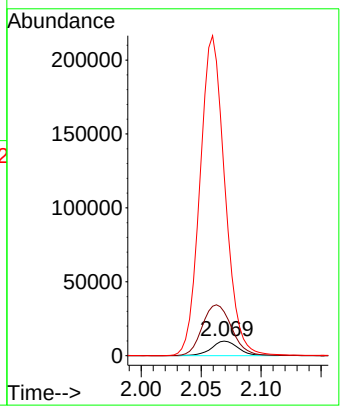


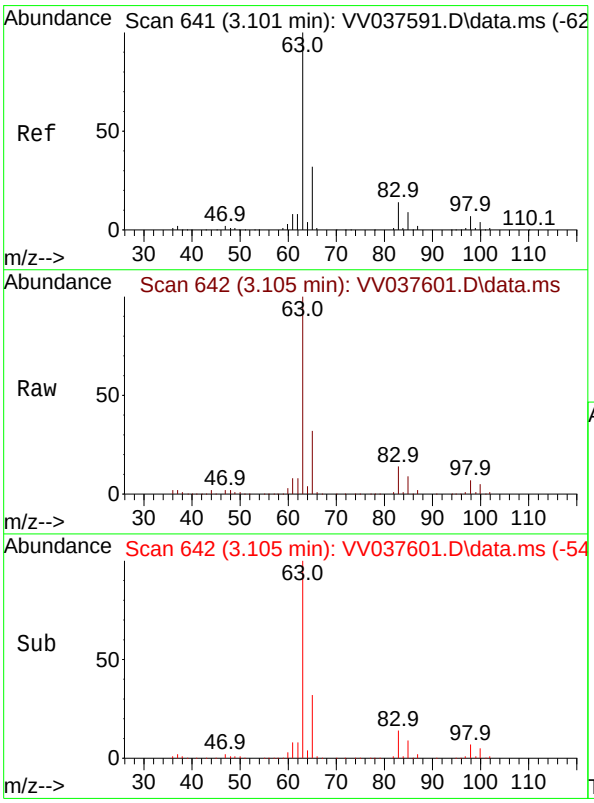
#12
1,1-Dichloroethene
Concen: 3.644 ug/L
RT: 2.069 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 15436

Ion	Ratio	Lower	Upper
96	100		
61	301.6	122.6	227.6#
63	1248.2	118.0	219.2#

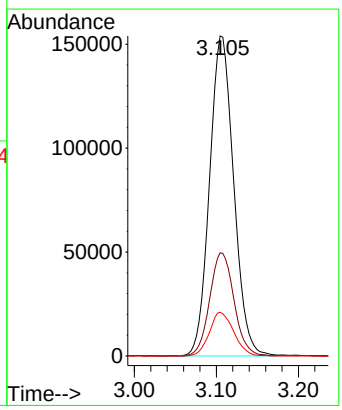


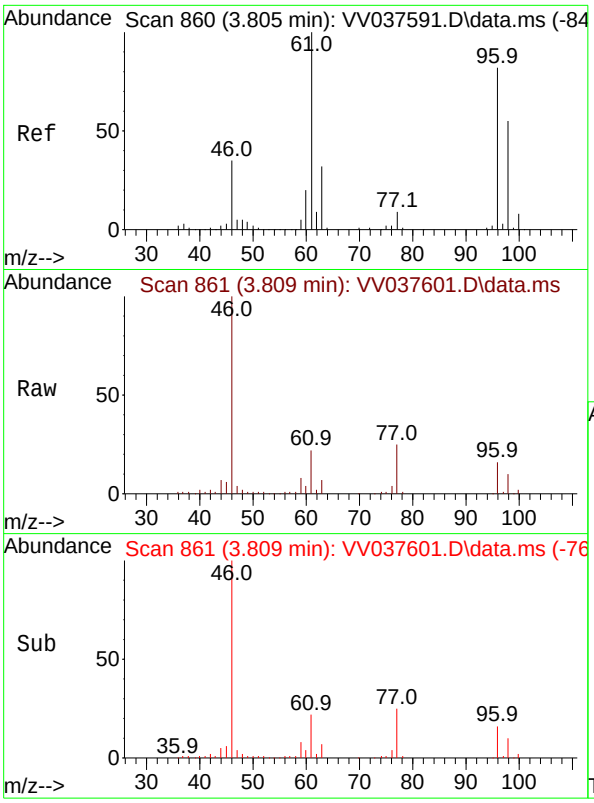


#19
1,1-Dichloroethane
Concen: 36.745 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Tgt Ion: 63 Resp: 315513

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.4	41.6
83	13.7	9.5	17.7



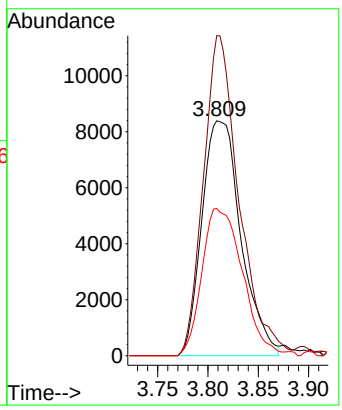


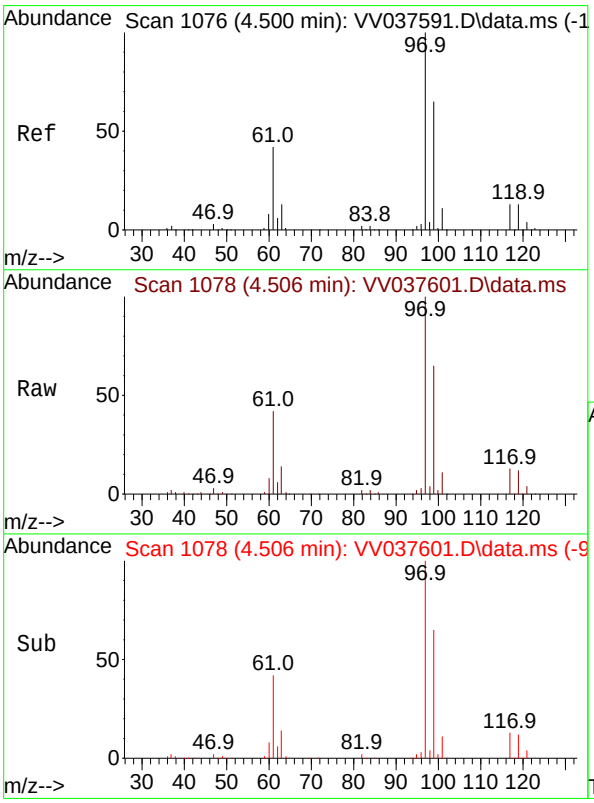
#20
cis-1,2-Dichloroethene
Concen: 4.511 ug/L
RT: 3.809 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 22623

Ion	Ratio	Lower	Upper
96	100		
61	136.2	85.0	157.8
98	62.6	44.2	82.0

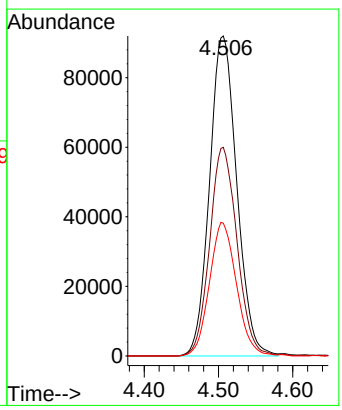


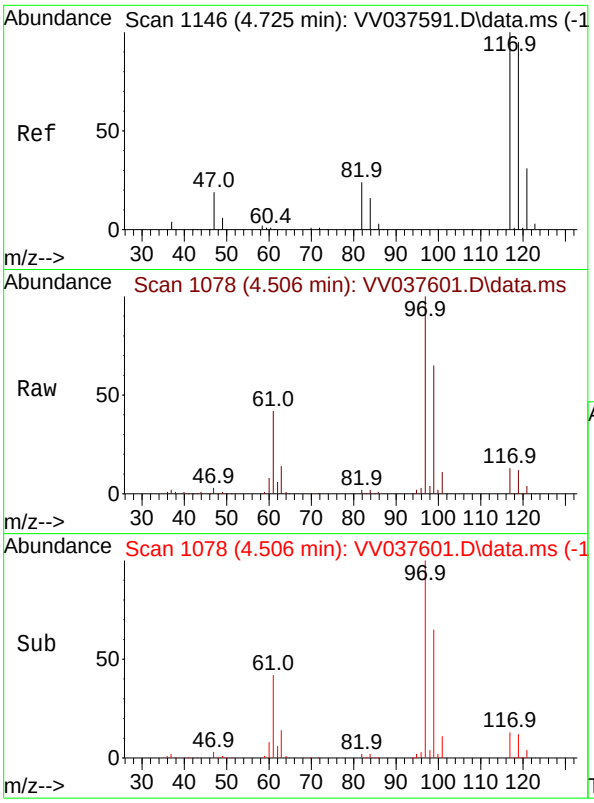


#30
1,1,1-Trichloroethane
Concen: 31.179 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Tgt Ion: 97 Resp: 234741

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.6
61	41.3	33.6	50.4



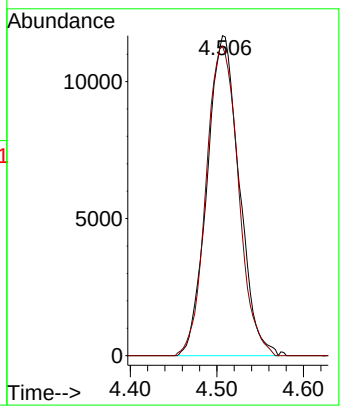


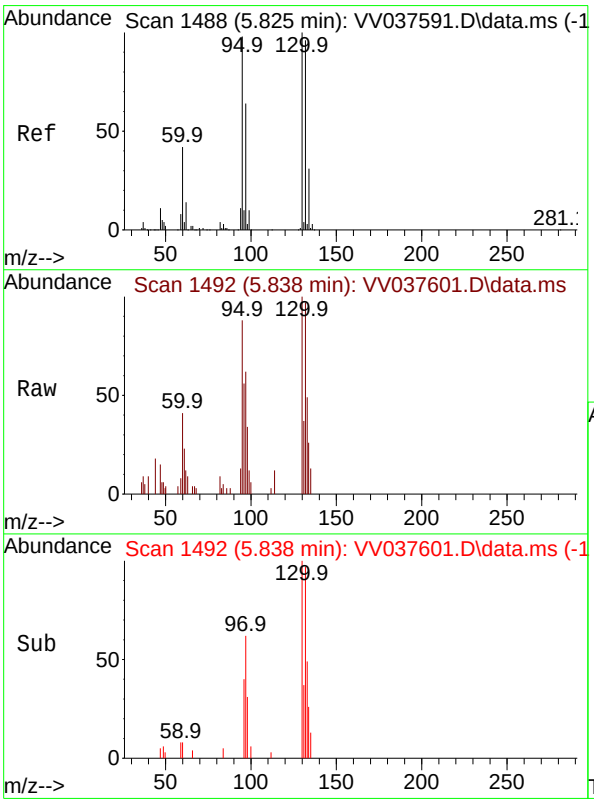
#31
Carbon tetrachloride
Concen: 4.599 ug/L
RT: 4.506 min Scan# 1
Delta R.T. -0.219 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 30103

Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.9	115.3

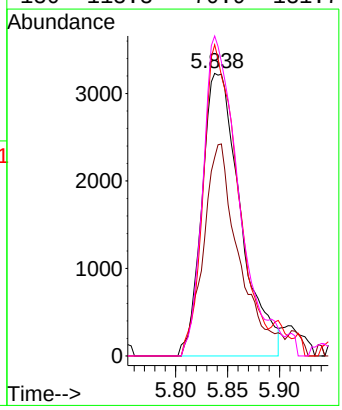


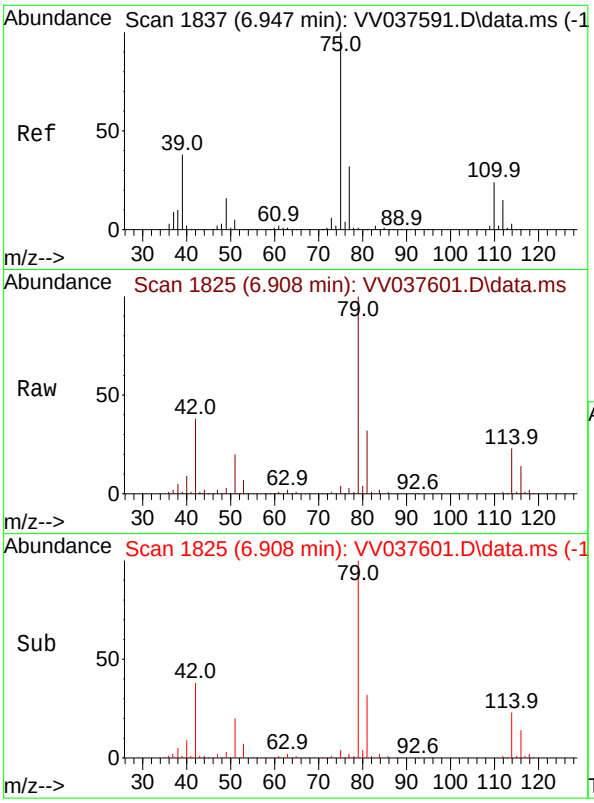


#34
Trichloroethene
Concen: 1.696 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.013 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Tgt Ion: 95 Resp: 8329

Ion	Ratio	Lower	Upper
95	100		
97	70.3	46.3	85.9
132	110.2	68.6	127.4
130	113.3	70.9	131.7



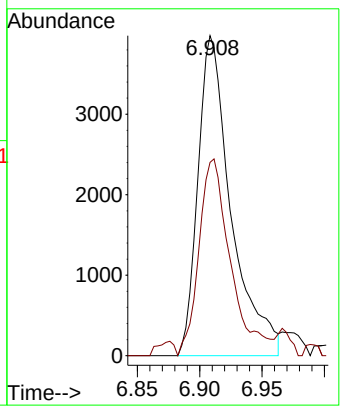


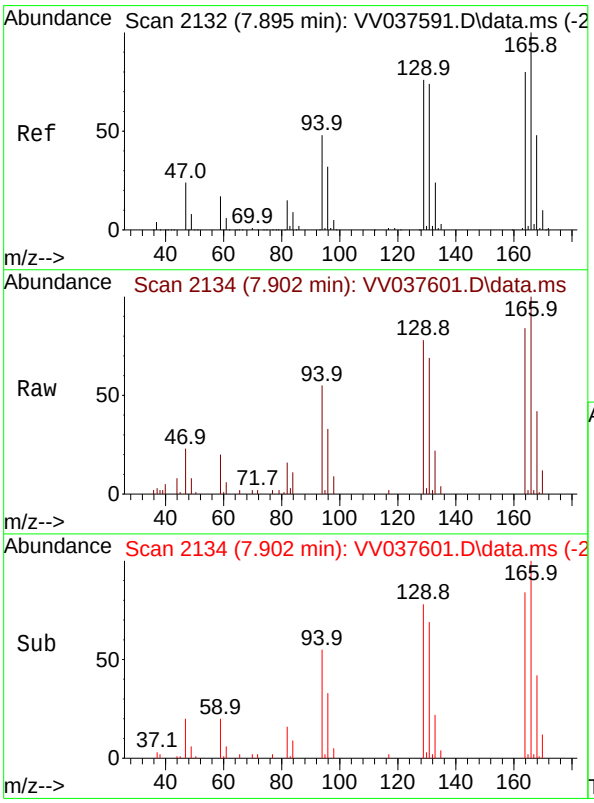
#39
cis-1,3-Dichloropropene
Concen: 0.967 ug/L
RT: 6.908 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 7349

Ion	Ratio	Lower	Upper
75	100		
77	60.4	21.8	40.4#

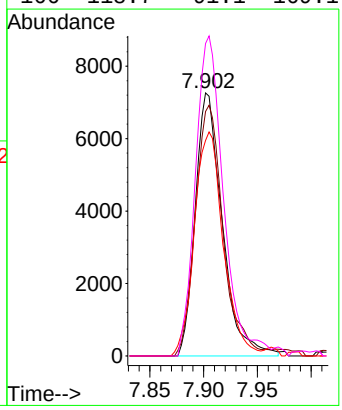


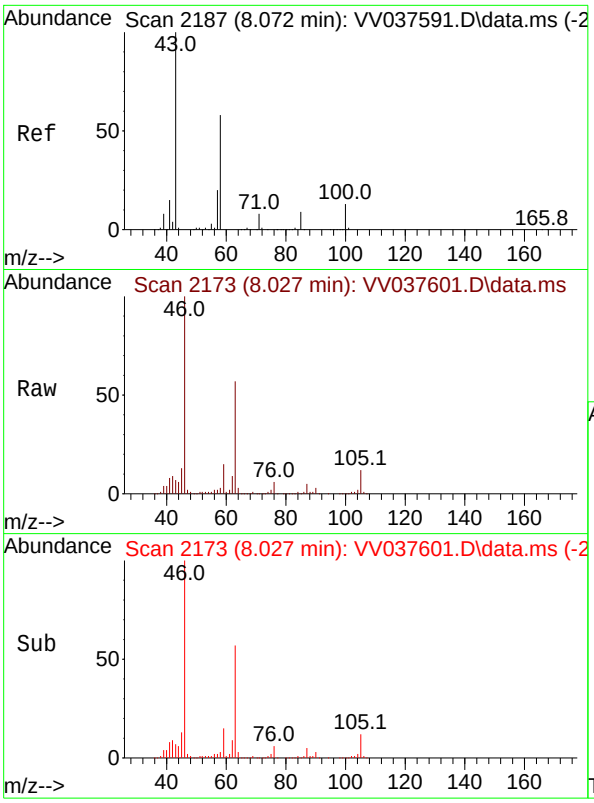


#46
Tetrachloroethene
Concen: 3.380 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Tgt Ion:164 Resp: 12687

Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.2	126.6
131	81.9	66.1	122.8
166	118.7	91.1	169.1





#48
2-Hexanone
Concen: 4.309 ug/L
RT: 8.027 min Scan# 2
Delta R.T. -0.045 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 12986

Ion	Ratio	Lower	Upper
43	100		
58	32.2	46.5	69.7#
57	39.3	15.1	22.7#
100	4.1	10.7	16.1#