Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037624.D
Acq On : 27 Sep 2024 22:05
Operator : SY/MD
Sample : P4185-01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 28 04:20:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	585693	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	578666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	259009	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	194249	37.781	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.560%		
7) Chloroethane-d5	1.532	69	168948	42.334	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.660%		
11) 1,1-Dichloroethene-d2	2.060	65	91877	42.772	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.540%		
21) 2-Butanone-d5	3.796	46	151677	82.825	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.830%		
24) Chloroform-d	4.243	84	395593	43.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.500%		
26) 1,2-Dichloroethane-d4	4.937	65	241725	45.147	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.300%		
32) Benzene-d6	4.953	84	778840	43.012	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
36) 1,2-Dichloropropane-d6	5.986	67	248464	43.091	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.180%		
41) Toluene-d8	7.240	98	679352	41.375	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.740%		
43) trans-1,3-Dichloroprop...	7.551	79	102971	38.443	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.880%		
47) 2-Hexanone-d5	8.024	63	90644	74.448	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.450%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	274986	41.045	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.080%		
66) 1,2-Dichlorobenzene-d4	11.554	152	255337	46.784	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.560%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	5073	1.301	ug/L #	1
17) trans-1,2-Dichloroethene	2.693	96	8366	2.028	ug/L	97
19) 1,1-Dichloroethane	3.108	63	42751	5.409	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	23995	5.198	ug/L	96
30) 1,1,1-Trichloroethane	4.507	97	58995	8.278	ug/L	100
31) Carbon tetrachloride	4.510	117	7298	1.178	ug/L	99
34) Trichloroethene	5.834	95	24866	5.350	ug/L	97
46) Tetrachloroethene	7.902	164	34661	9.754	ug/L	96
48) 2-Hexanone	8.027	43	10870	3.810	ug/L #	72

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

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ClientSampleId :

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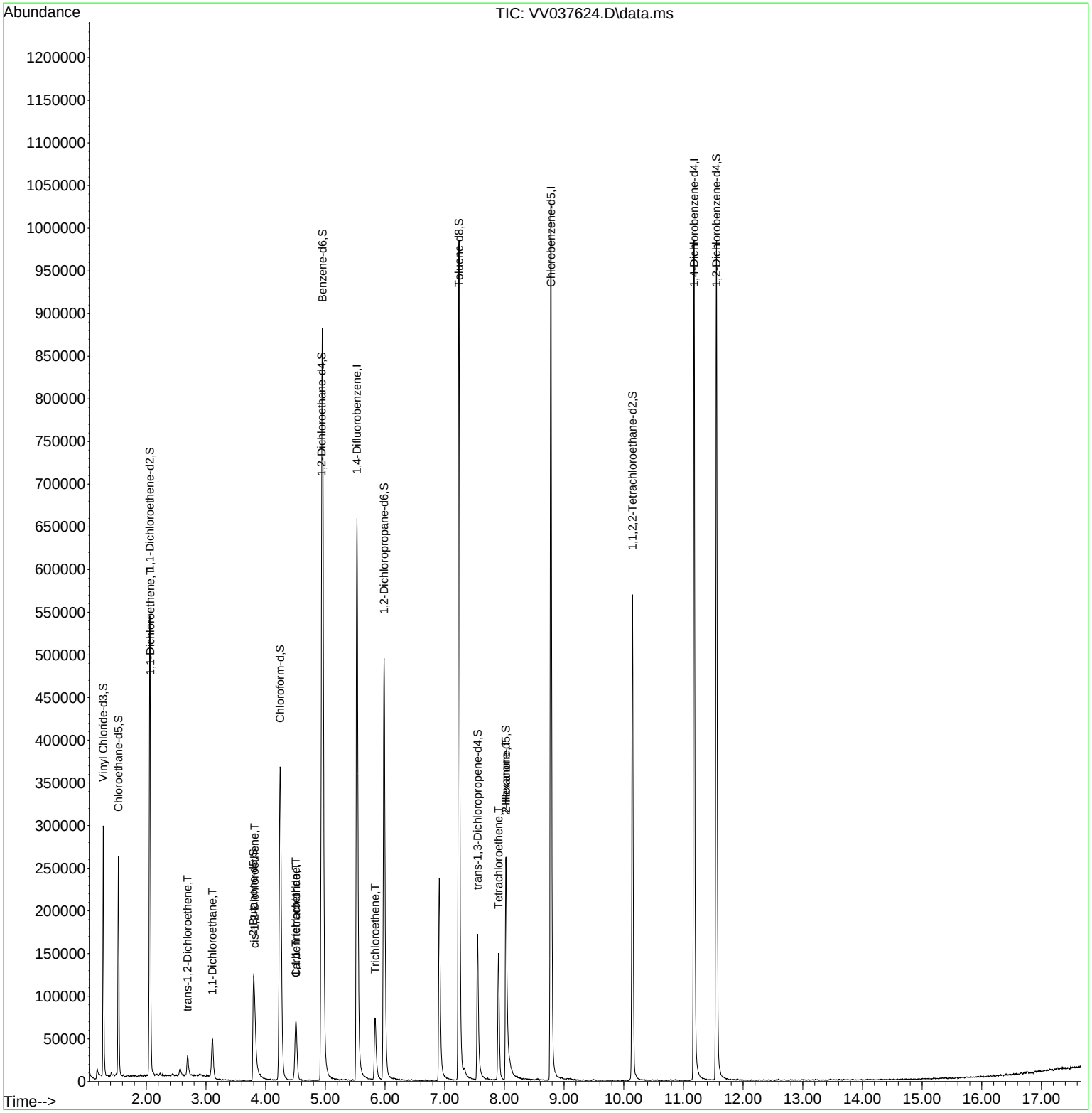
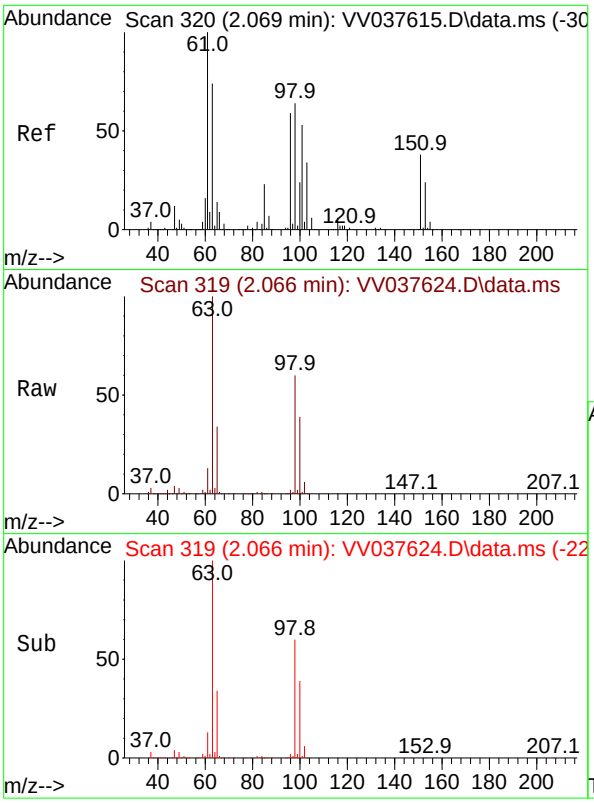
Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration



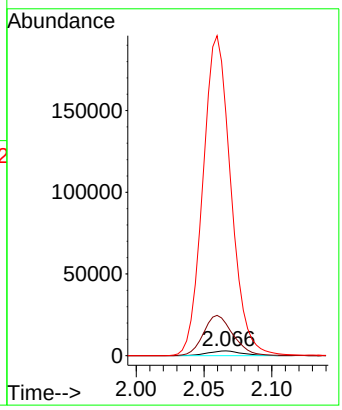


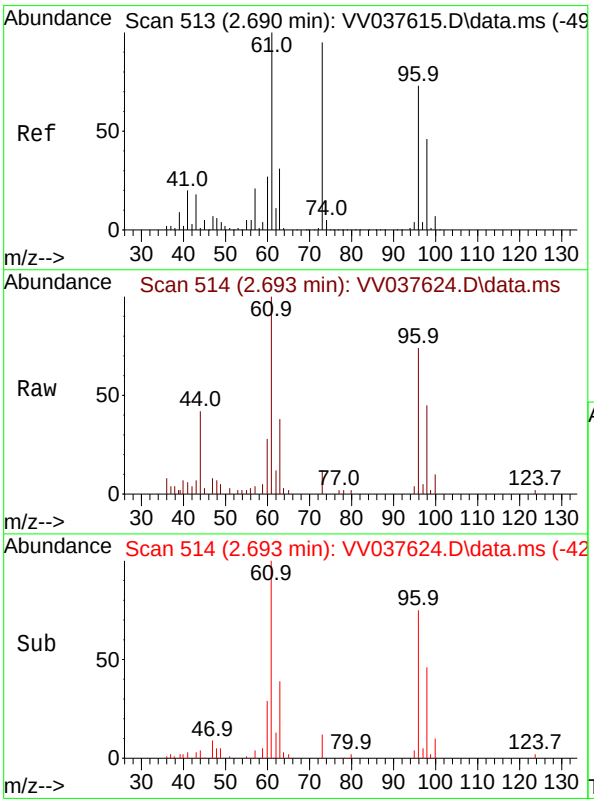
#12
1,1-Dichloroethene
Concen: 1.301 ug/L
RT: 2.066 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV037624.D
Acq: 27 Sep 2024 22:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 5073

Ion	Ratio	Lower	Upper
96	100		
61	673.3	122.6	227.6#
63	5083.6	118.0	219.2#

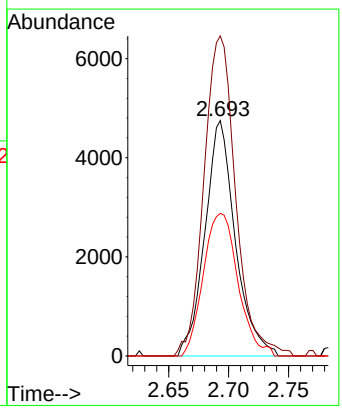


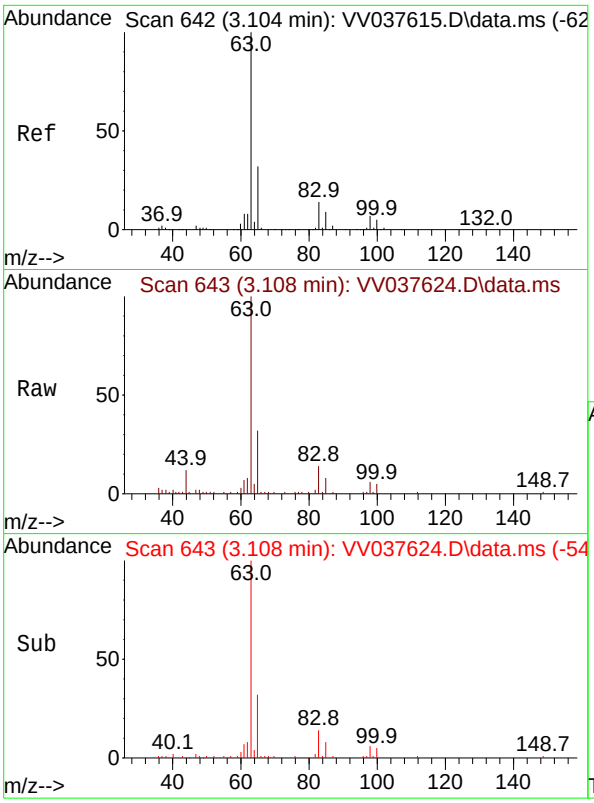


#17
trans-1,2-Dichloroethene
Concen: 2.028 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV037624.D
Acq: 27 Sep 2024 22:05

Tgt Ion: 96 Resp: 8366

Ion	Ratio	Lower	Upper
96	100		
61	136.0	97.3	180.7
98	60.6	43.9	81.5



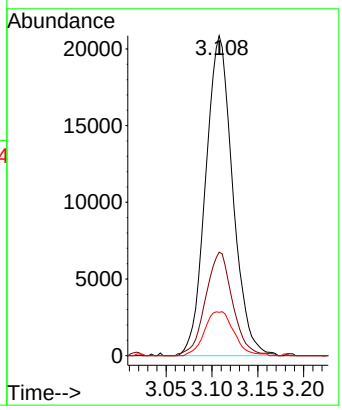


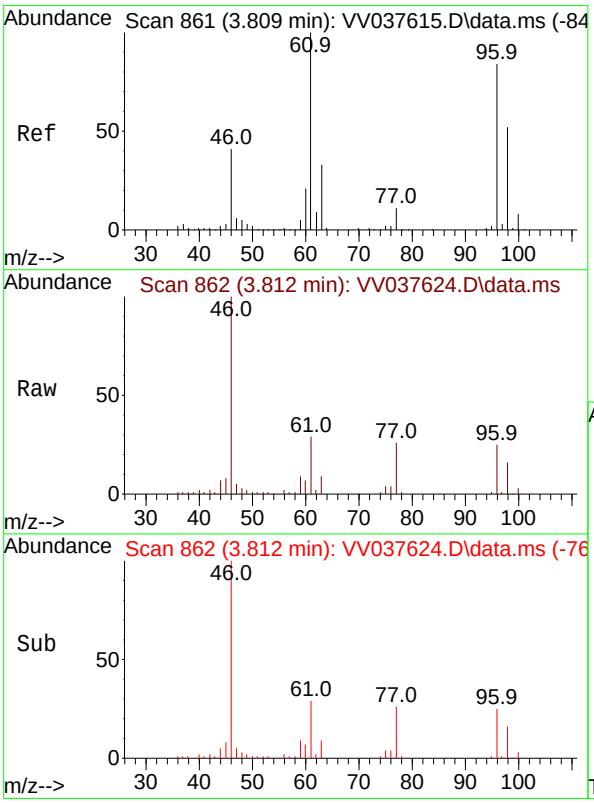
#19
1,1-Dichloroethane
Concen: 5.409 ug/L
RT: 3.108 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV037624.D
Acq: 27 Sep 2024 22:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 42751

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.4	41.6
83	13.5	9.5	17.7

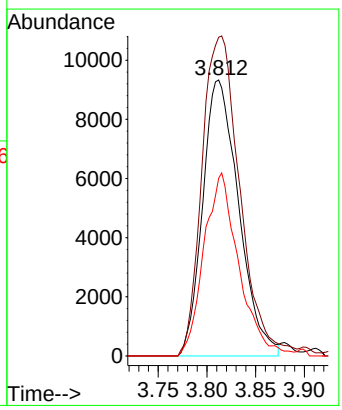


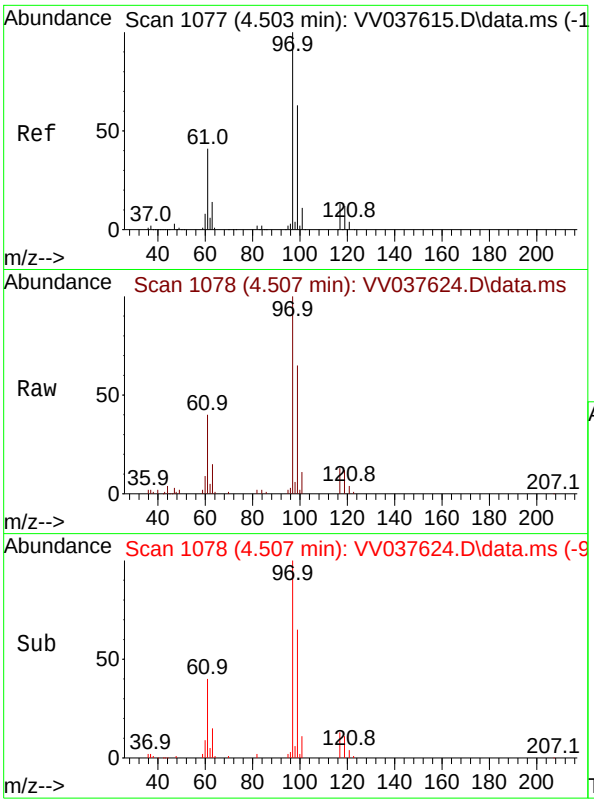


#20
cis-1,2-Dichloroethene
Concen: 5.198 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037624.D
Acq: 27 Sep 2024 22:05

Tgt Ion: 96 Resp: 23995

Ion	Ratio	Lower	Upper
96	100		
61	115.4	85.0	157.8
98	64.4	44.2	82.0



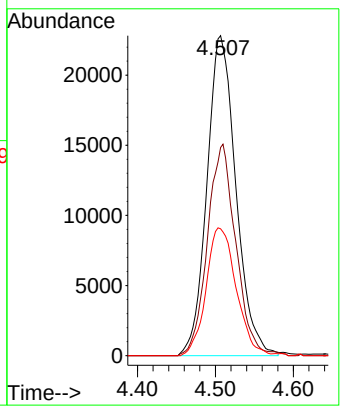


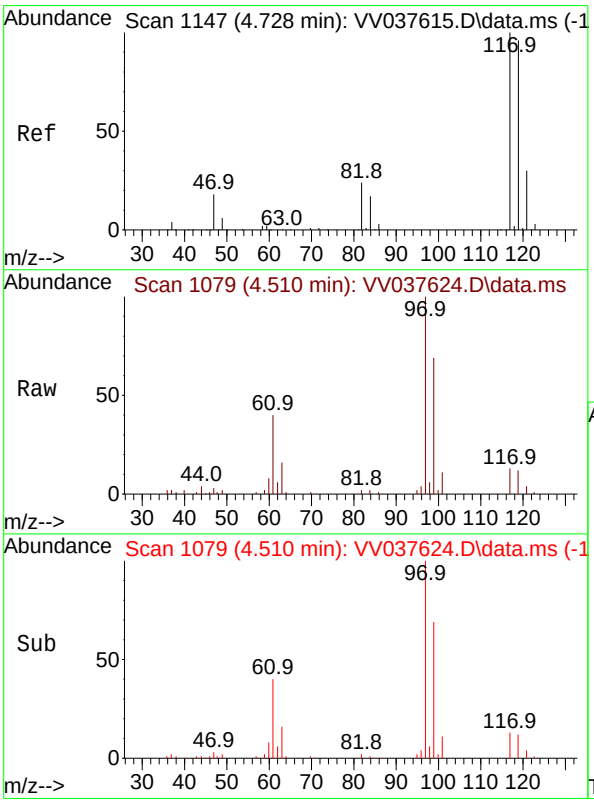
#30
1,1,1-Trichloroethane
Concen: 8.278 ug/L
RT: 4.507 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV037624.D
Acq: 27 Sep 2024 22:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 58995

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.6
61	41.4	33.6	50.4

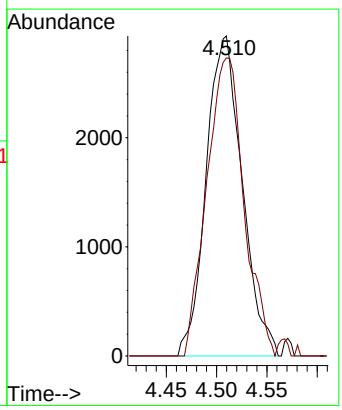


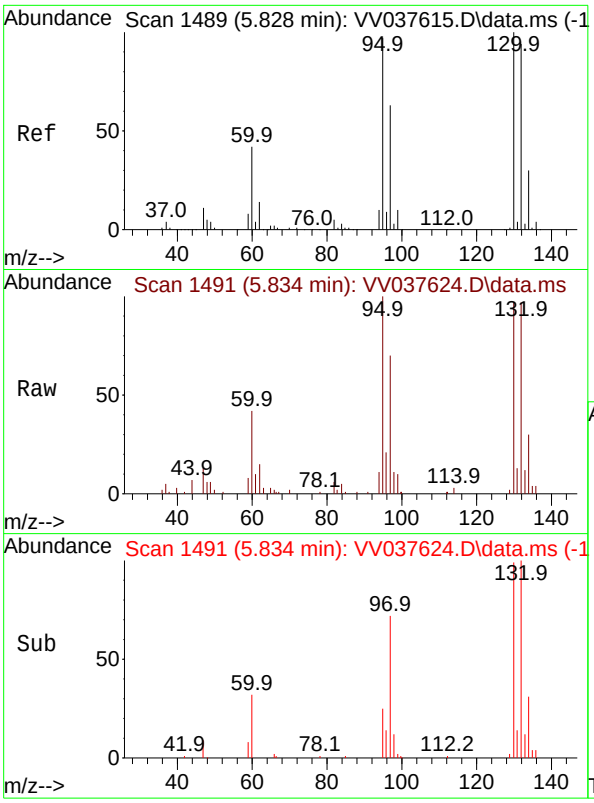


#31
Carbon tetrachloride
Concen: 1.178 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.218 min
Lab File: VV037624.D
Acq: 27 Sep 2024 22:05

Tgt Ion:117 Resp: 7298

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.9	115.3



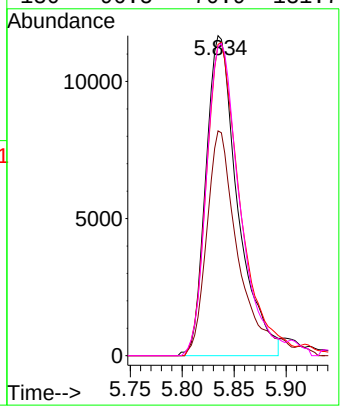


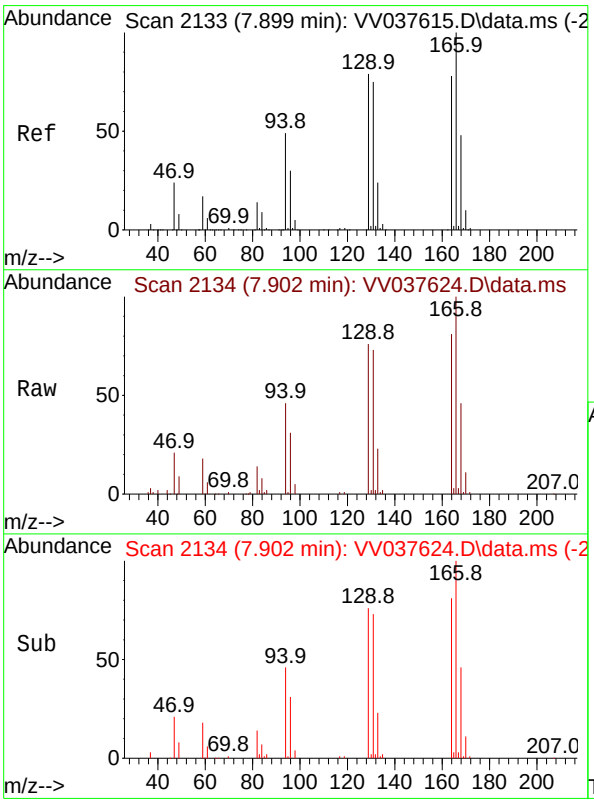
#34
Trichloroethene
Concen: 5.350 ug/L
RT: 5.834 min Scan# 14
Delta R.T. 0.007 min
Lab File: VV037624.D
Acq: 27 Sep 2024 22:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 24866

Ion	Ratio	Lower	Upper
95	100		
97	70.2	46.3	85.9
132	97.3	68.6	127.4
130	96.5	70.9	131.7

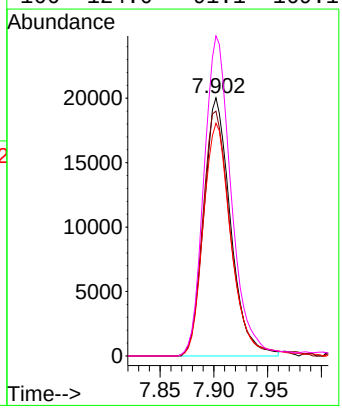


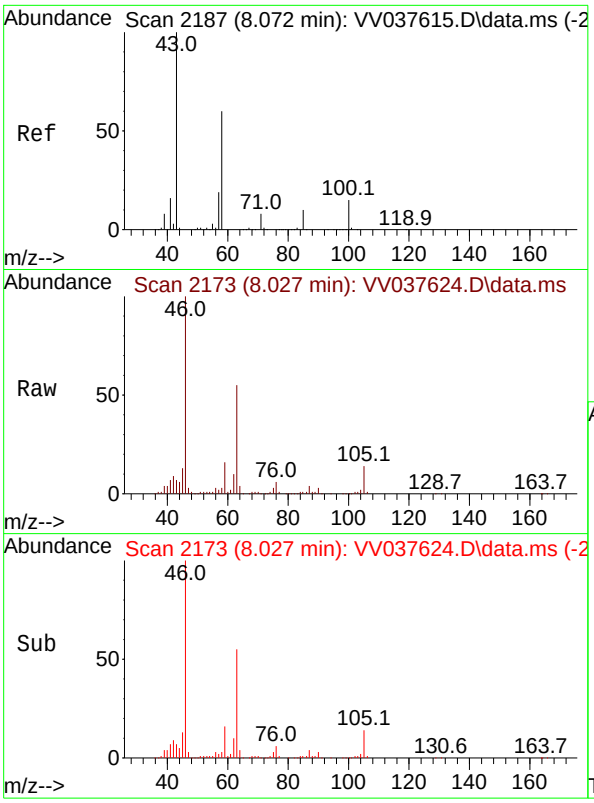


#46
Tetrachloroethene
Concen: 9.754 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037624.D
Acq: 27 Sep 2024 22:05

Tgt Ion:164 Resp: 34661

Ion	Ratio	Lower	Upper
164	100		
129	94.8	68.2	126.6
131	90.1	66.1	122.8
166	124.0	91.1	169.1





#48
2-Hexanone
Concen: 3.810 ug/L
RT: 8.027 min Scan# 2
Delta R.T. -0.045 min
Lab File: VV037624.D
Acq: 27 Sep 2024 22:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 10870

Ion	Ratio	Lower	Upper
43	100		
58	41.3	46.5	69.7#
57	38.4	15.1	22.7#
100	1.8	10.7	16.1#