Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034704.D
Acq On : 18 Mar 2024 18:43
Operator : SY/MD
Sample : P1752-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCL01

Quant Time: Mar 19 02:56:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 19 02:53:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	282194	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	264701	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	121207	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	147932	60.471	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 120.940%			
7) Chloroethane-d5	1.529	69	116495	61.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 122.240%			
11) 1,1-Dichloroethene-d2	2.060	65	64590	58.381	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.760%			
21) 2-Butanone-d5	3.786	46	186340	113.903	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.900%			
24) Chloroform-d	4.249	84	246413	56.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.940%			
26) 1,2-Dichloroethane-d4	4.941	65	164239	58.106	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.220%			
32) Benzene-d6	4.960	84	482619	60.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.820%			
36) 1,2-Dichloropropane-d6	5.986	67	147855	60.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.300%#			
41) Toluene-d8	7.243	98	426309	58.968	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.940%			
43) trans-1,3-Dichloroprop...	7.555	79	67379	55.035	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.080%			
47) 2-Hexanone-d5	8.024	63	118051	96.967	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.970%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	196476	61.238	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 122.480%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	155245	62.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 125.320%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	4449	1.576	ug/L #	32
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	12180	5.345	ug/L #	80
12) 1,1-Dichloroethene	2.069	96	591349	279.854	ug/L #	74
13) Acetone	2.114	43	297563	151.302	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	18919	2.576	ug/L	97
19) 1,1-Dichloroethane	3.111	63	88345	22.051	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	5986	2.698	ug/L	95
27) 1,2-Dichloroethane	5.047	62	41756	12.376	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	166395	43.837	ug/L	99

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

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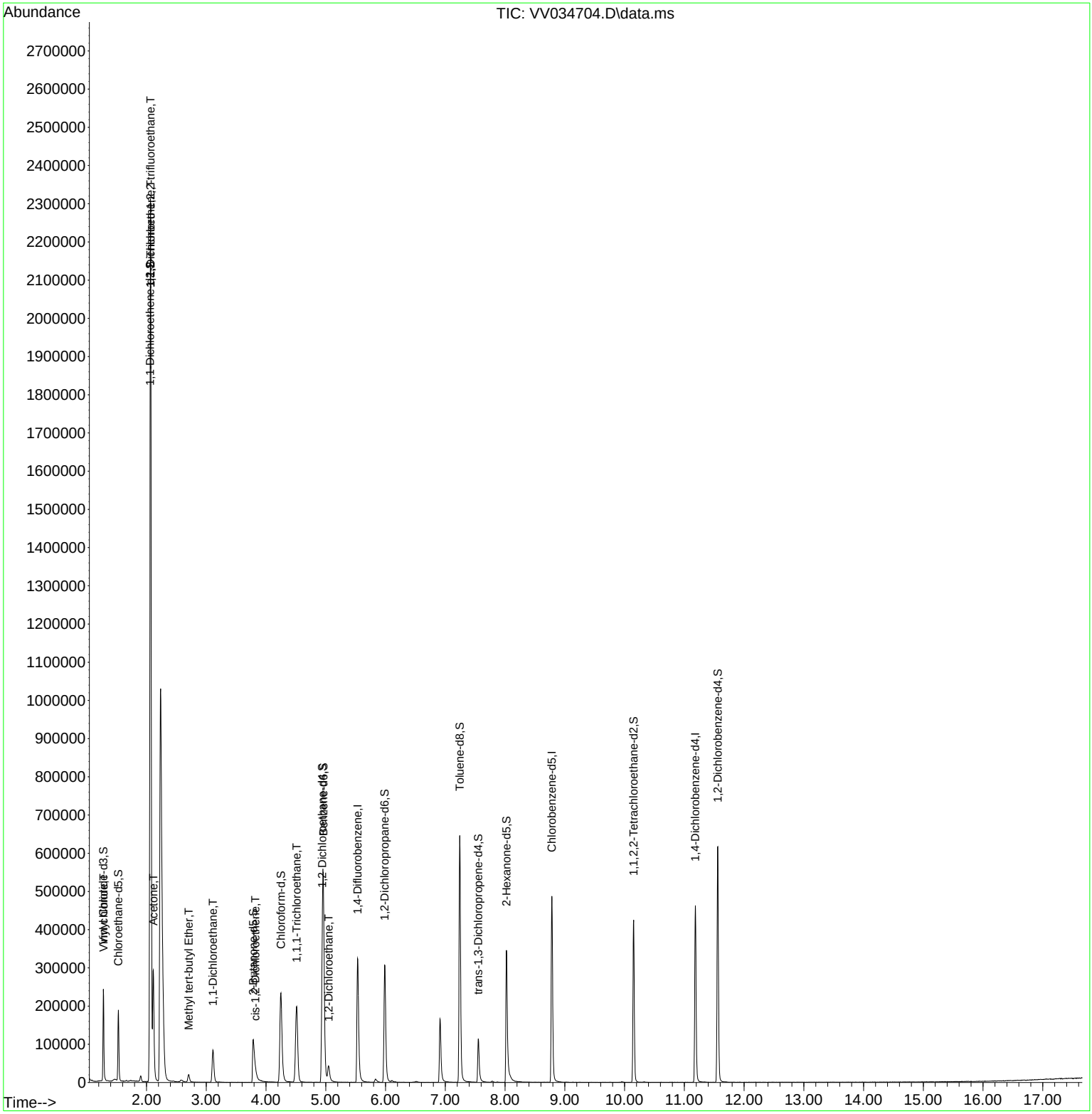
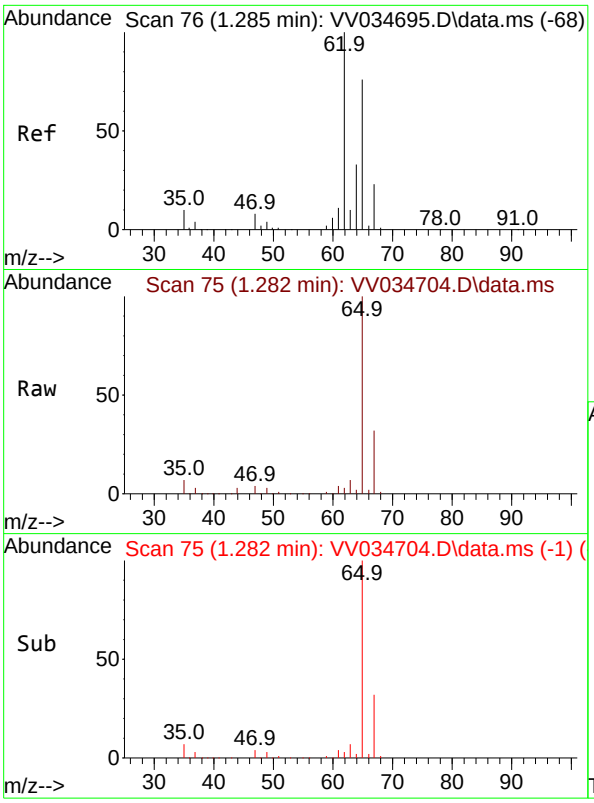


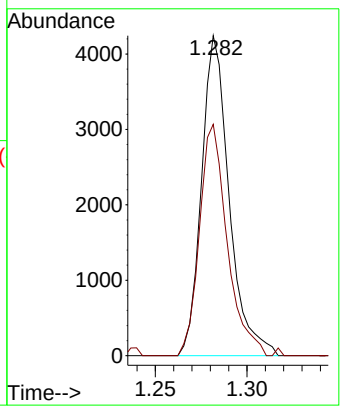


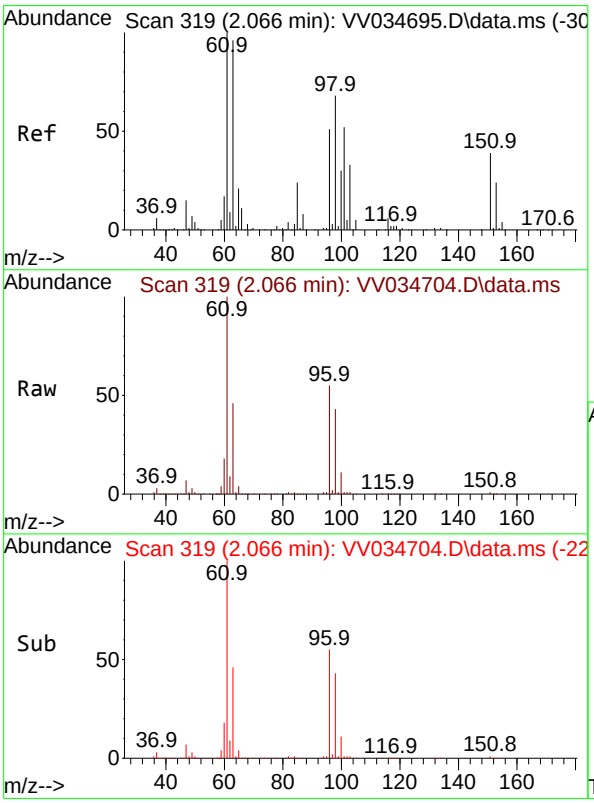
#5
Vinyl chloride
Concen: 1.576 ug/L
RT: 1.282 min Scan# 7
Delta R.T. -0.003 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Instrument :
MSVOA_V
ClientSampleId :
YCL01

Tgt Ion: 62 Resp: 4449

Ion	Ratio	Lower	Upper
62	100		
64	72.3	23.4	43.6#

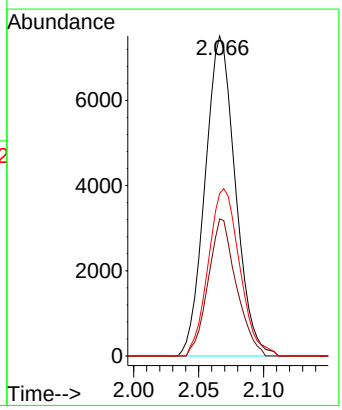


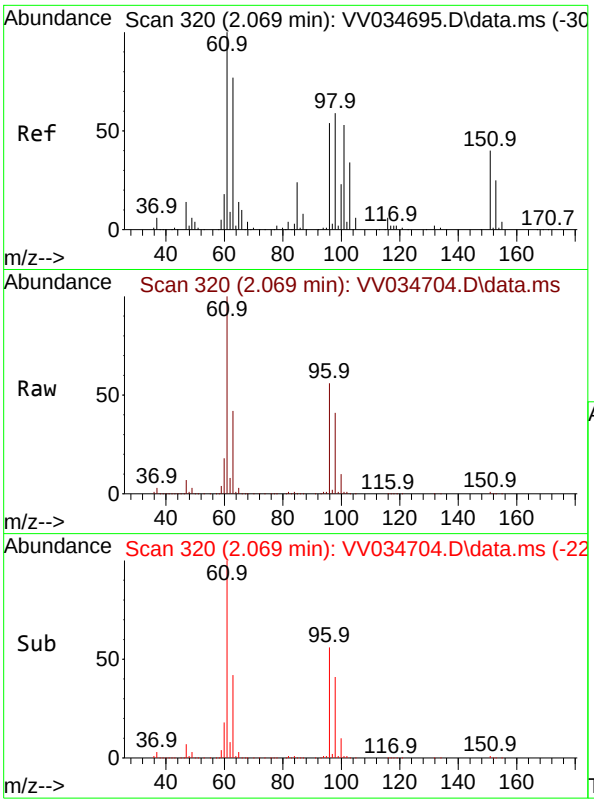


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.345 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Tgt Ion:101 Resp: 12180

Ion	Ratio	Lower	Upper
101	100		
85	39.8	37.4	56.0
151	54.2	61.4	92.2#



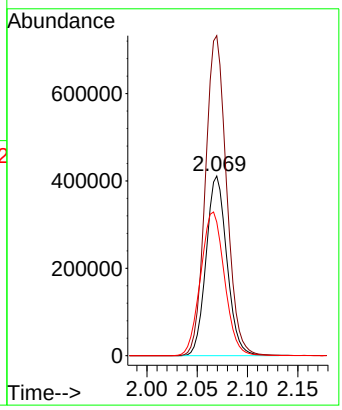


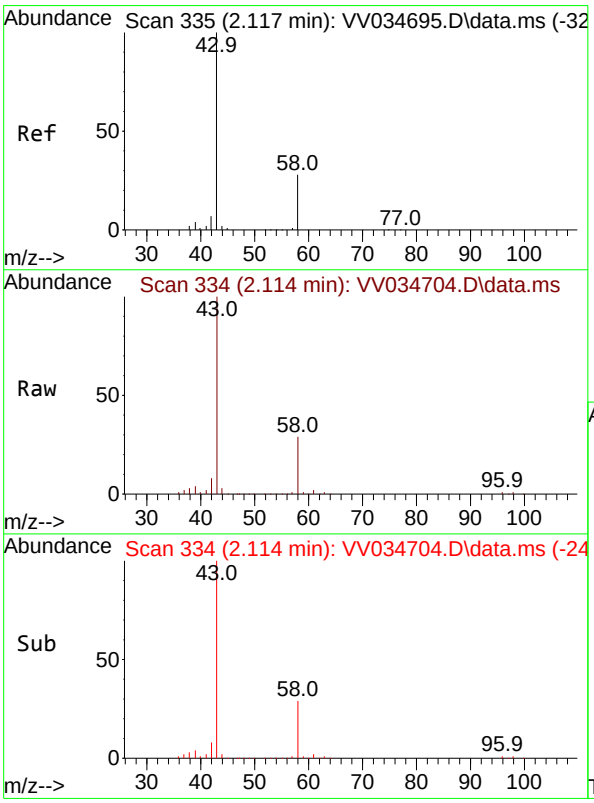
#12
1,1-Dichloroethene
Concen: 279.854 ug/L
RT: 2.069 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Instrument :
MSVOA_V
ClientSampleId :
YCL01

Tgt Ion: 96 Resp: 591349

Ion	Ratio	Lower	Upper
96	100		
61	178.1	128.9	239.3
63	74.3	98.0	182.0#

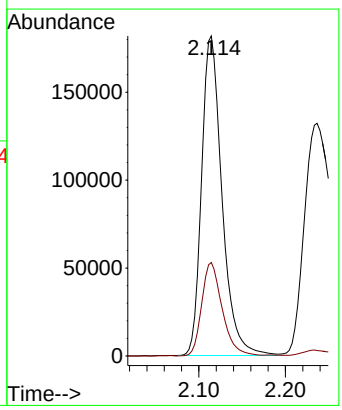


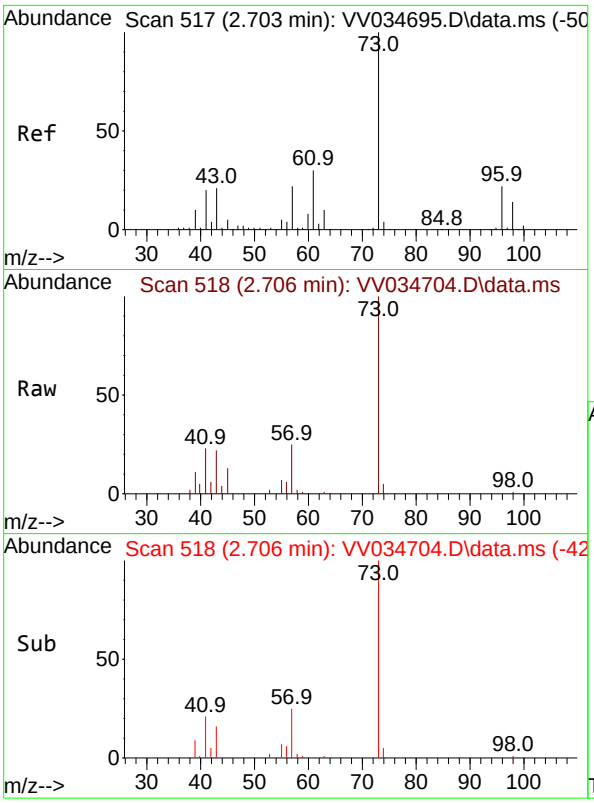


#13
Acetone
Concen: 151.302 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Tgt Ion: 43 Resp: 297563

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	57.2



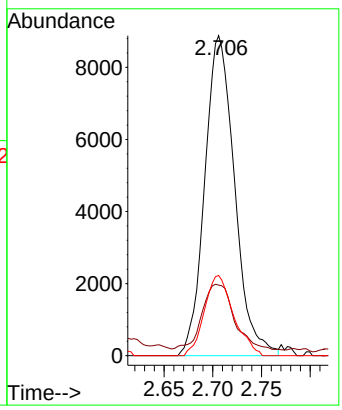


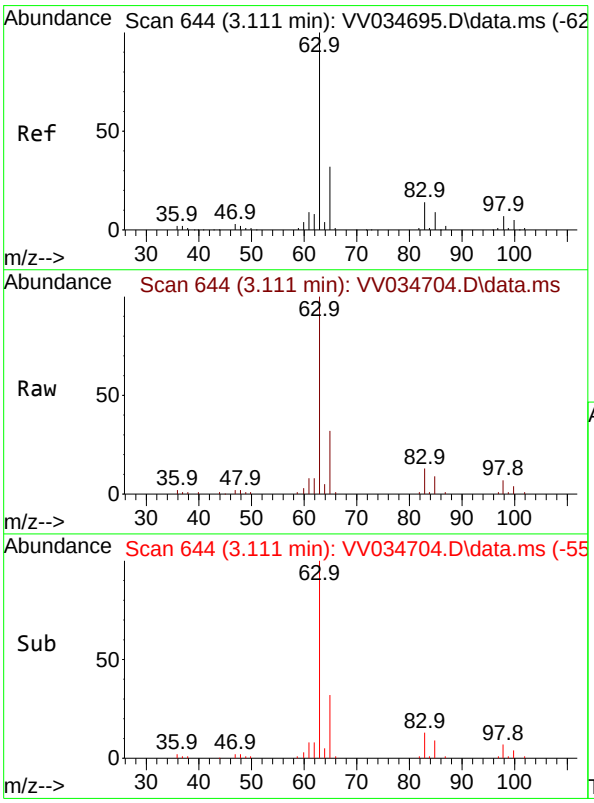
#18
Methyl tert-butyl Ether
Concen: 2.576 ug/L
RT: 2.706 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Instrument :
MSVOA_V
ClientSampleId :
YCL01

Tgt Ion: 73 Resp: 18919

Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.1	25.7
57	24.5	17.6	26.4

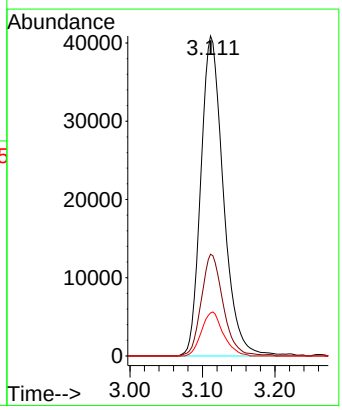


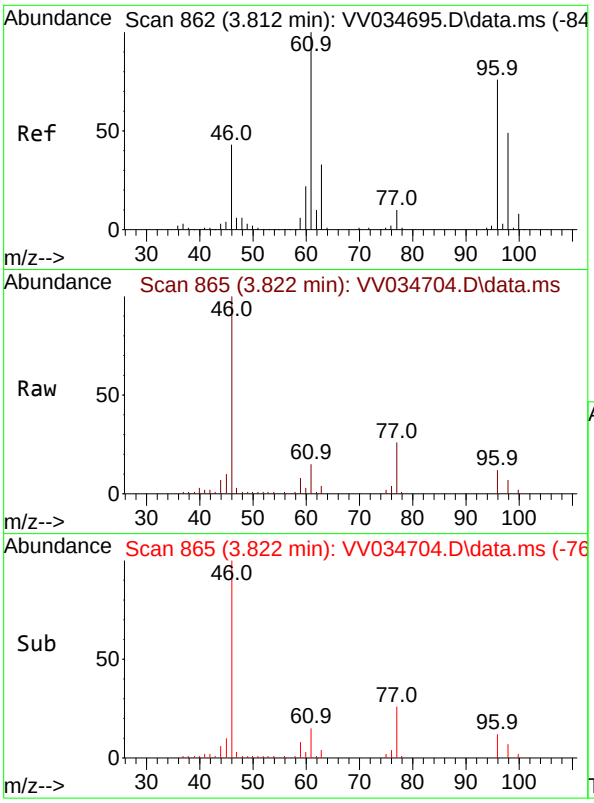


#19
1,1-Dichloroethane
Concen: 22.051 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Tgt Ion: 63 Resp: 88345

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.1	41.1
83	13.4	9.9	18.3



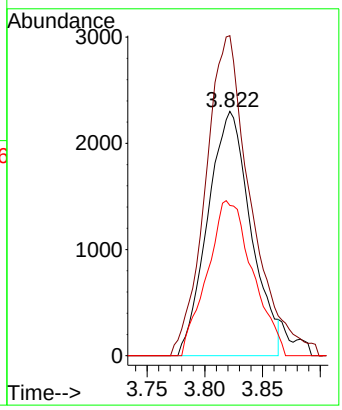


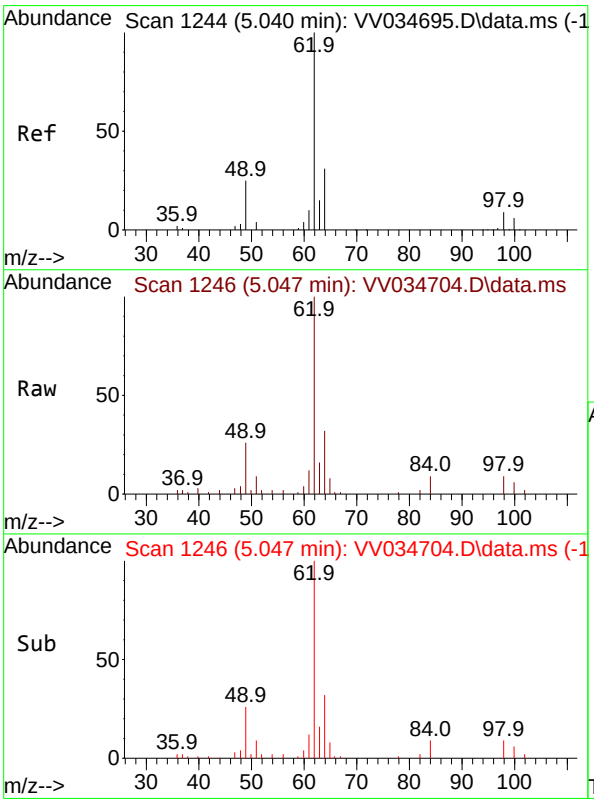
#20
cis-1,2-Dichloroethene
Concen: 2.698 ug/L
RT: 3.822 min Scan# 8
Delta R.T. 0.010 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Instrument :
MSVOA_V
ClientSampleId :
YCL01

Tgt Ion: 96 Resp: 5986

Ion	Ratio	Lower	Upper
96	100		
61	131.0	96.0	178.4
98	61.5	46.0	85.4

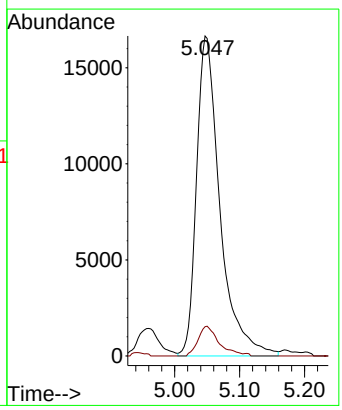


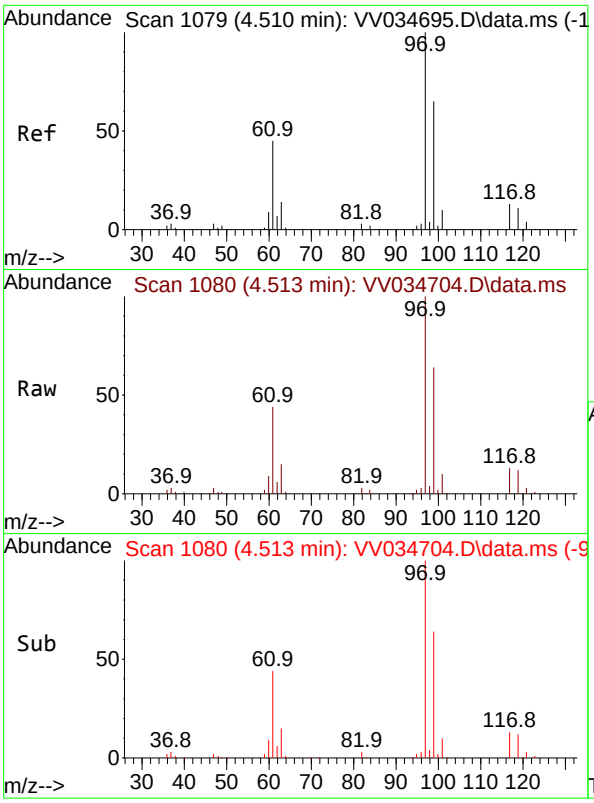


#27
1,2-Dichloroethane
Concen: 12.376 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.007 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Tgt Ion: 62 Resp: 41756

Ion	Ratio	Lower	Upper
62	100		
98	9.2	6.6	10.0





#30
1,1,1-Trichloroethane
Concen: 43.837 ug/L
RT: 4.513 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034704.D
Acq: 18 Mar 2024 18:43

Instrument :
MSVOA_V
ClientSampleId :
YCL01

Tgt Ion: 97 Resp: 166395

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	44.6	36.0	54.0