Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
Data File : VV034371.D
Acq On : 23 Feb 2024 13:21
Operator : SY/MD
Sample : VIBLK328
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK328

Quant Time: Feb 24 00:47:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 24 00:41:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	61418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	57972	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22823	4.798	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.000%			
7) Chloroethane-d5	1.536	69	18597	4.464	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.200%			
11) 1,1-Dichloroethene-d2	2.060	65	10173	4.435	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.600%			
20) 2-Butanone-d5	3.818	46	44431	55.617	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.240%			
24) Chloroform-d	4.256	84	39738	4.597	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
26) 1,2-Dichloroethane-d4	4.950	65	22531	5.578	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.600%			
32) Benzene-d6	4.963	84	77087	4.432	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.600%			
36) 1,2-Dichloropropane-d6	5.992	67	22869	4.704	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	7.246	98	68954	4.314	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
43) trans-1,3-Dichloroprop...	7.567	79	5236	2.852	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 57.000%			
46) 2-Hexanone-d5	8.030	63	41137	62.770	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.540%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17144	5.816	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.400%			
66) 1,2-Dichlorobenzene-d4	11.561	152	26136	4.885	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	24786	4.225	ug/L	82
13) Acetone	2.153	43	3236	5.339	ug/L	91
14) Carbon disulfide	2.243	76	24014	1.730	ug/L	100
16) Methylene chloride	2.452	84	6741	1.637	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	106505	12.081	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	180732	41.356	ug/L	97
19) 1,1-Dichloroethane	3.121	63	6980	0.869	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	31168	6.286	ug/L	94
33) Benzene	5.027	78	2633	0.151	ug/L	100

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

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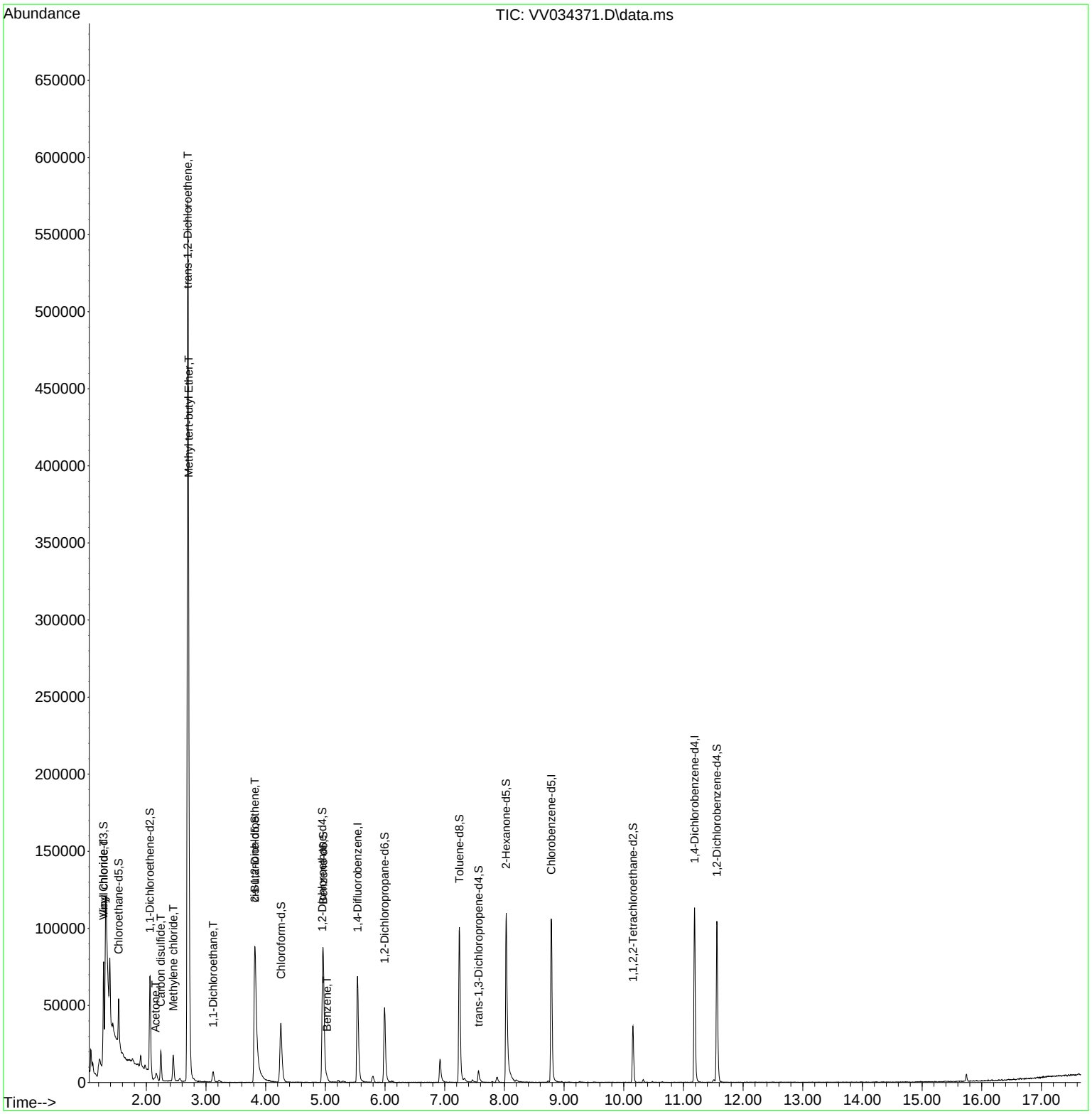
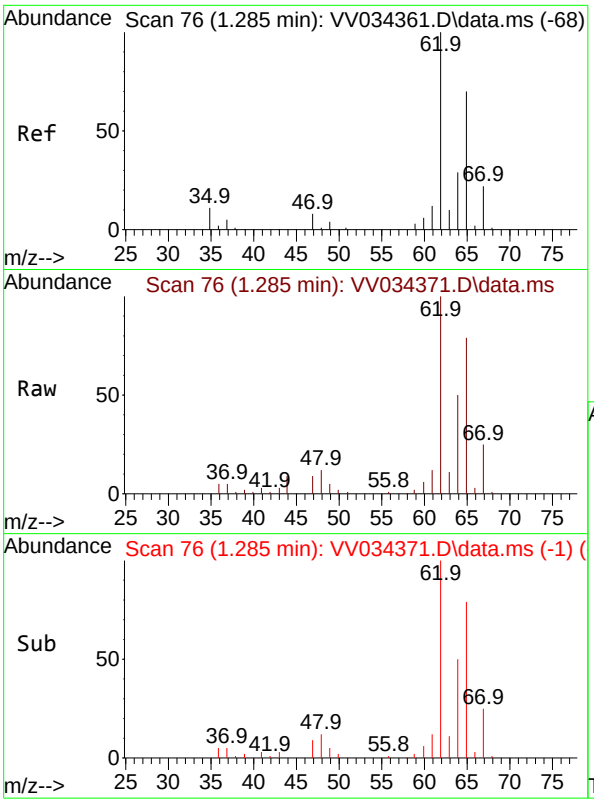


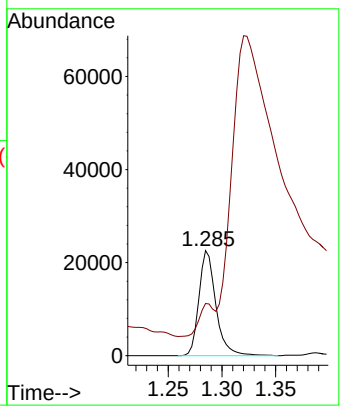


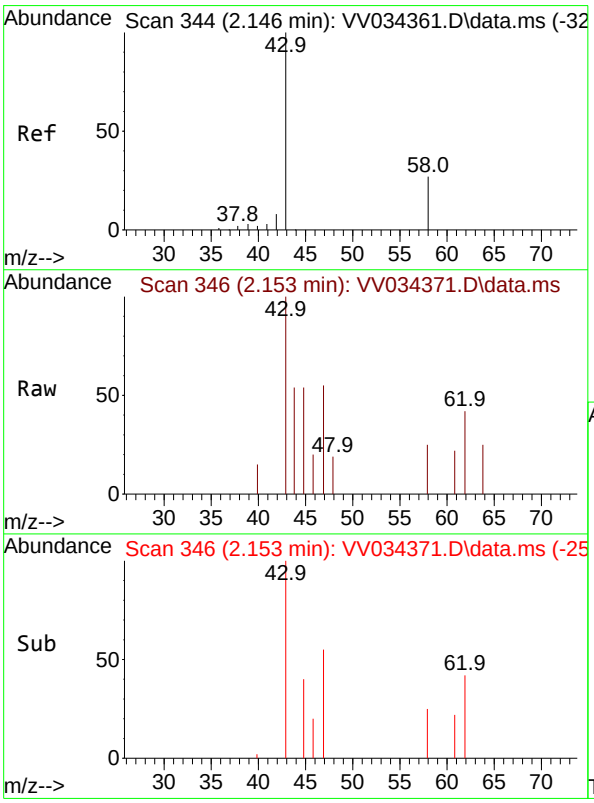
#5
Vinyl chloride
Concen: 4.225 ug/L
RT: 1.285 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Instrument :
MSVOA_V
ClientSampleId :
VIBLK328

Tgt Ion: 62 Resp: 24786

Ion	Ratio	Lower	Upper
62	100		
64	49.7	27.2	50.4

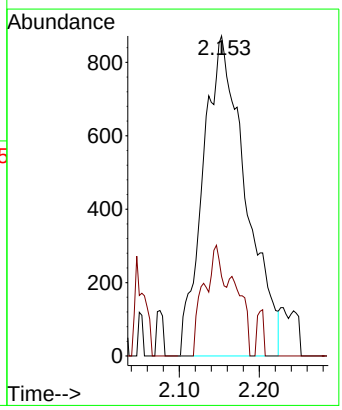


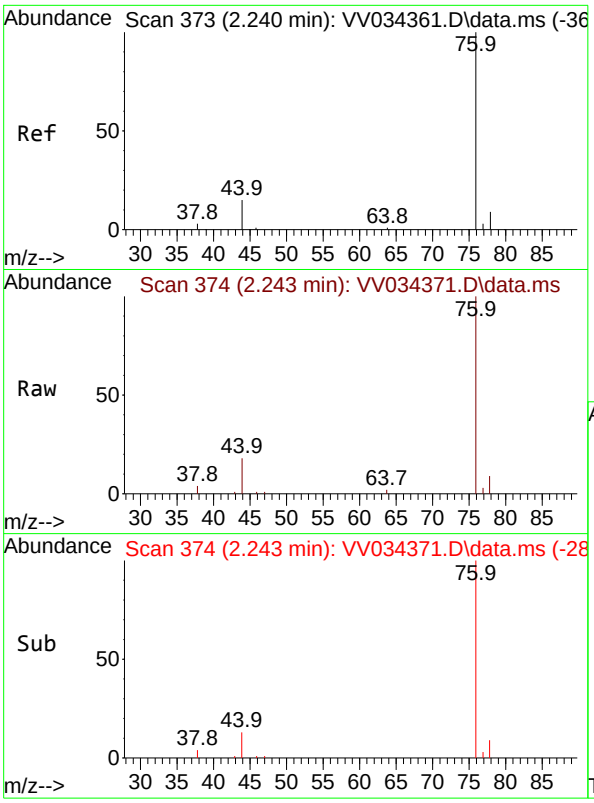


#13
Acetone
Concen: 5.339 ug/L
RT: 2.153 min Scan# 346
Delta R.T. 0.006 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Tgt Ion: 43 Resp: 3236

Ion	Ratio	Lower	Upper
43	100		
58	10.0	0.0	13.8



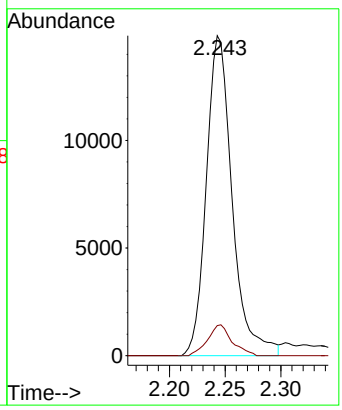


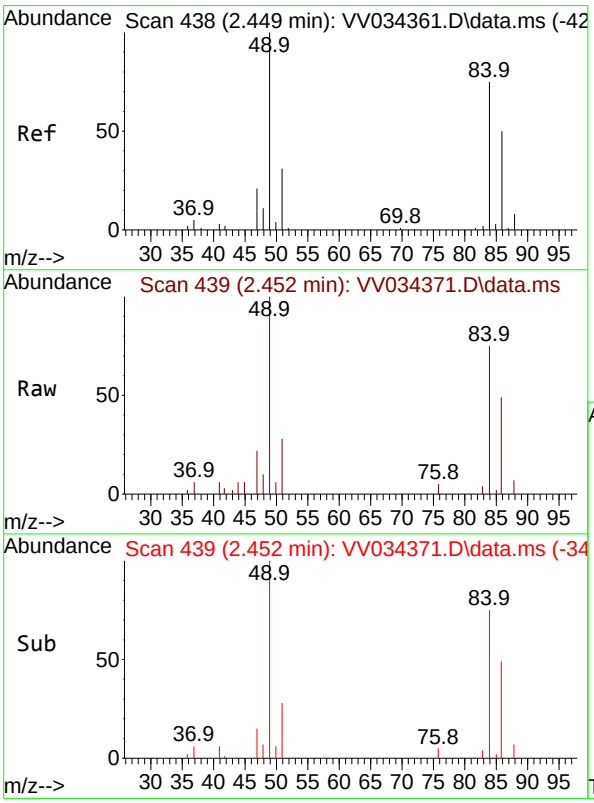
#14
Carbon disulfide
Concen: 1.730 ug/L
RT: 2.243 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Instrument :
MSVOA_V
ClientSampleId :
VIBLK328

Tgt Ion: 76 Resp: 24014

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

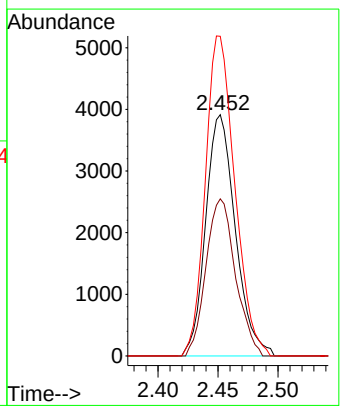


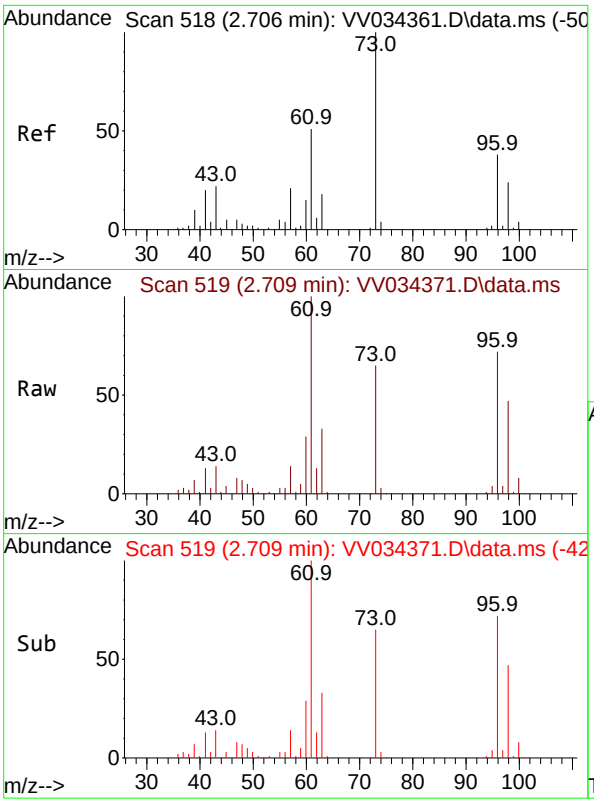


#16
Methylene chloride
Concen: 1.637 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Tgt Ion: 84 Resp: 6741

Ion	Ratio	Lower	Upper
84	100		
86	65.1	44.7	83.1
49	132.5	93.7	173.9



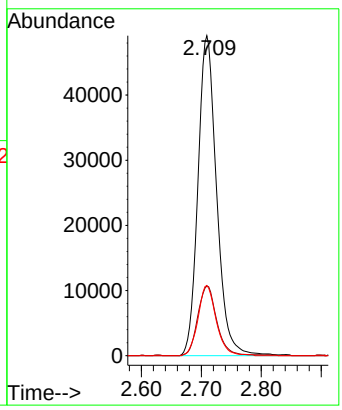


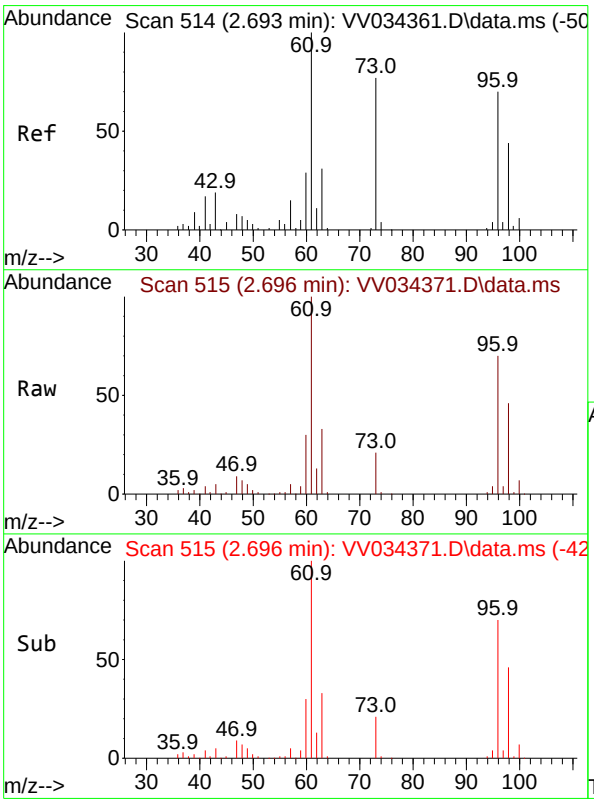
#17
Methyl tert-butyl Ether
Concen: 12.081 ug/L
RT: 2.709 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Instrument :
MSVOA_V
ClientSampleId :
VIBLK328

Tgt Ion: 73 Resp: 106505

Ion	Ratio	Lower	Upper
73	100		
43	22.1	17.7	26.5
57	21.2	17.9	26.9

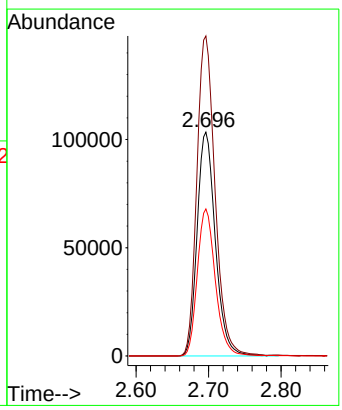


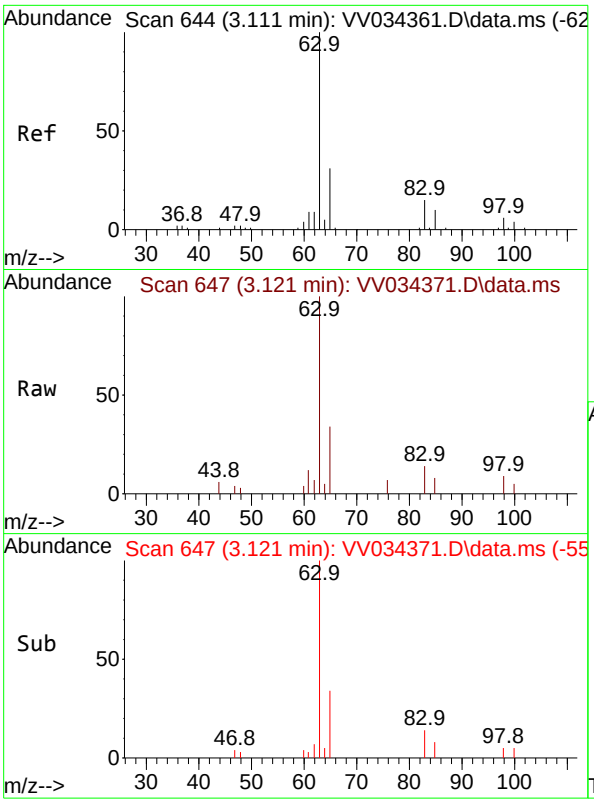


#18
trans-1,2-Dichloroethene
Concen: 41.356 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Tgt Ion: 96 Resp: 180732

Ion	Ratio	Lower	Upper
96	100		
61	142.9	97.6	181.4
98	65.7	44.4	82.5



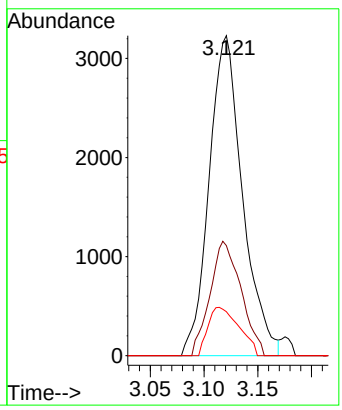


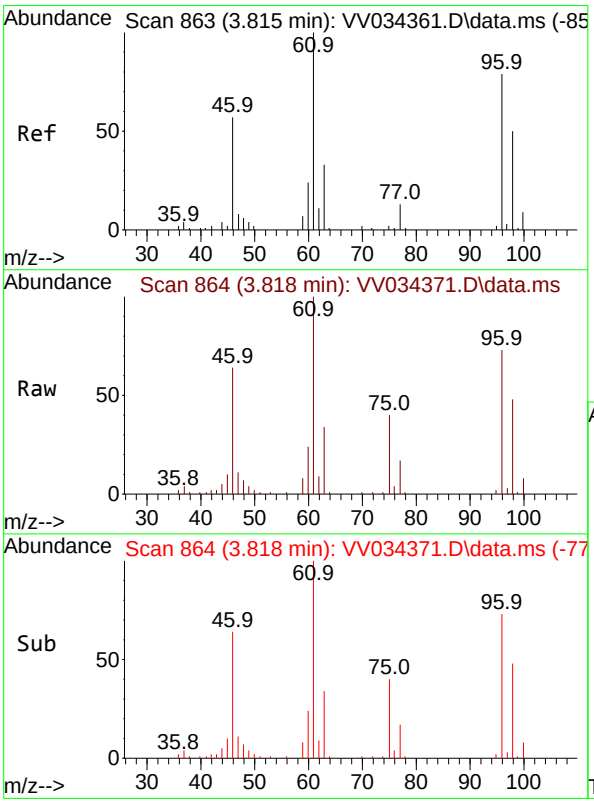
#19
1,1-Dichloroethane
Concen: 0.869 ug/L
RT: 3.121 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Instrument :
MSVOA_V
ClientSampleId :
VIBLK328

Tgt Ion: 63 Resp: 6980

Ion	Ratio	Lower	Upper
63	100		
65	34.4	20.8	38.6
83	13.7	9.4	17.4

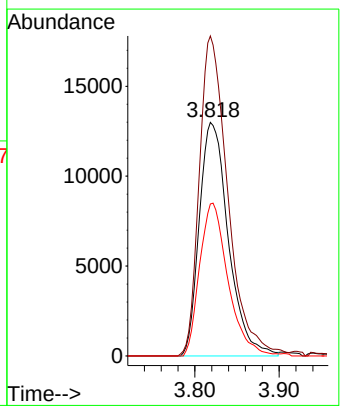


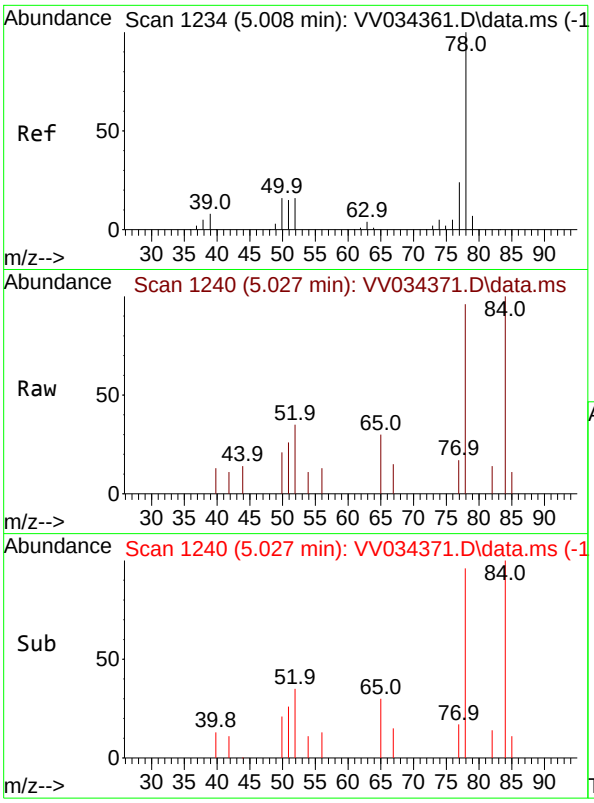


#22
cis-1,2-Dichloroethene
Concen: 6.286 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Tgt Ion: 96 Resp: 31168

Ion	Ratio	Lower	Upper
96	100		
61	137.0	90.3	167.7
98	65.1	43.2	80.2





#33
Benzene
Concen: 0.151 ug/L
RT: 5.027 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Instrument :
MSVOA_V
ClientSampleId :
VIBLK328

Tgt Ion: 78 Resp: 2633