Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
Data File : VV034368.D
Acq On : 23 Feb 2024 12:09
Operator : SY/MD
Sample : VIBLK327
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK327

Quant Time: Feb 24 00:46:44 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	5.542	114	32436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	30380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	14882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	16569	6.596	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 132.000%#			
7) Chloroethane-d5	1.529	69	10370	4.713	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.200%			
11) 1,1-Dichloroethene-d2	2.056	65	6344	5.237	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.800%			
20) 2-Butanone-d5	3.799	46	40679	96.419	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 192.840%#			
24) Chloroform-d	4.252	84	21789	4.773	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	4.950	65	14210	6.661	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 133.200%#			
32) Benzene-d6	4.963	84	41593	4.563	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
36) 1,2-Dichloropropane-d6	5.992	67	12097	4.748	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.246	98	37047	4.422	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
43) trans-1,3-Dichloroprop...	7.567	79	4160	4.324	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.400%			
46) 2-Hexanone-d5	8.027	63	32093	93.446	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 186.900%#			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	12906	8.355	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 167.200%#			
66) 1,2-Dichlorobenzene-d4	11.564	152	14847	5.486	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.800%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2130	0.657	ug/L	91
13) Acetone	2.127	43	1965	6.139	ug/L	82
14) Carbon disulfide	2.240	76	20770	2.833	ug/L	99
16) Methylene chloride	2.452	84	1187	0.546	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	77463	16.638	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	115633	50.102	ug/L	99
19) 1,1-Dichloroethane	3.117	63	4491	1.059	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	19531	7.459	ug/L	98

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

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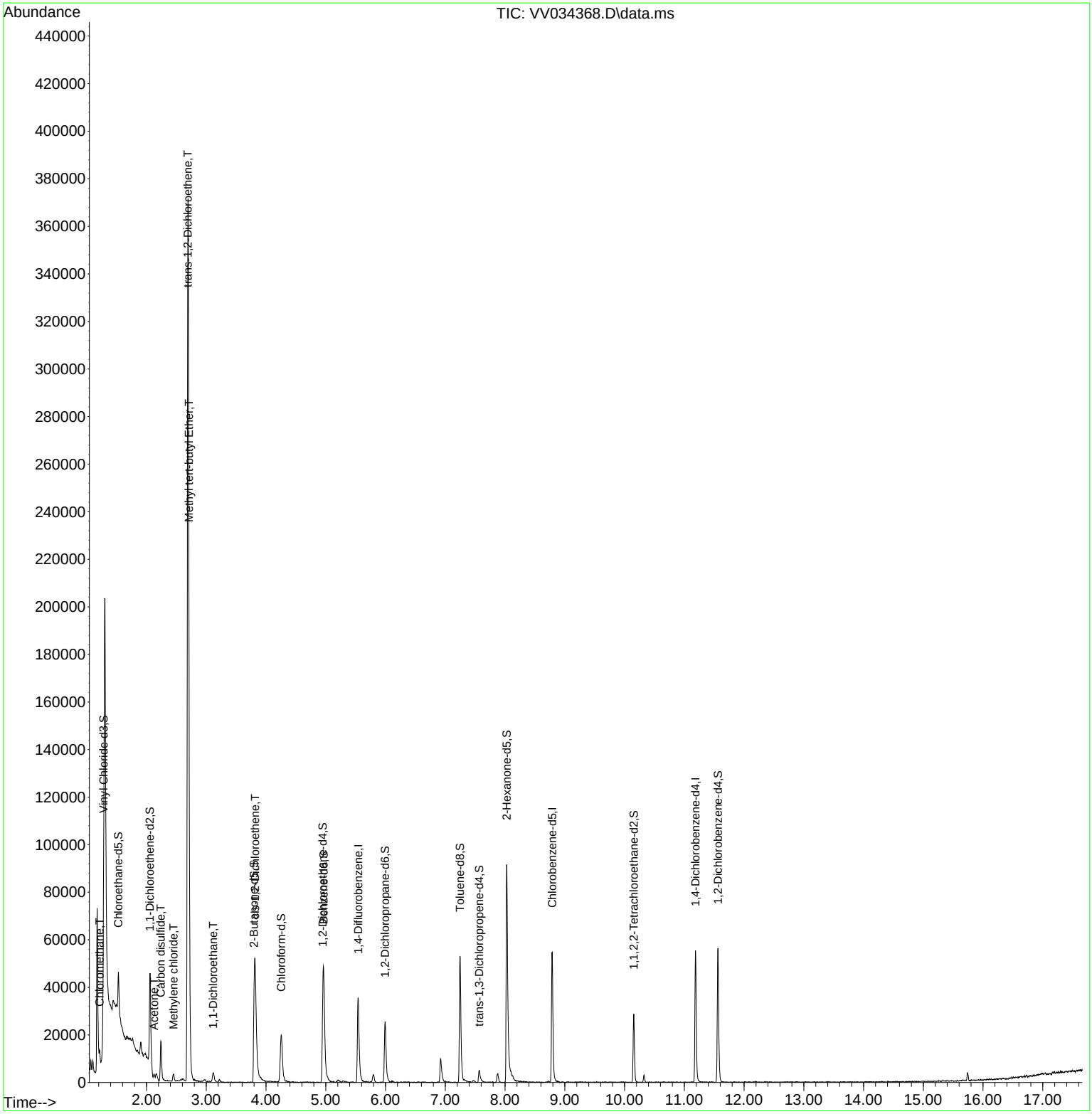
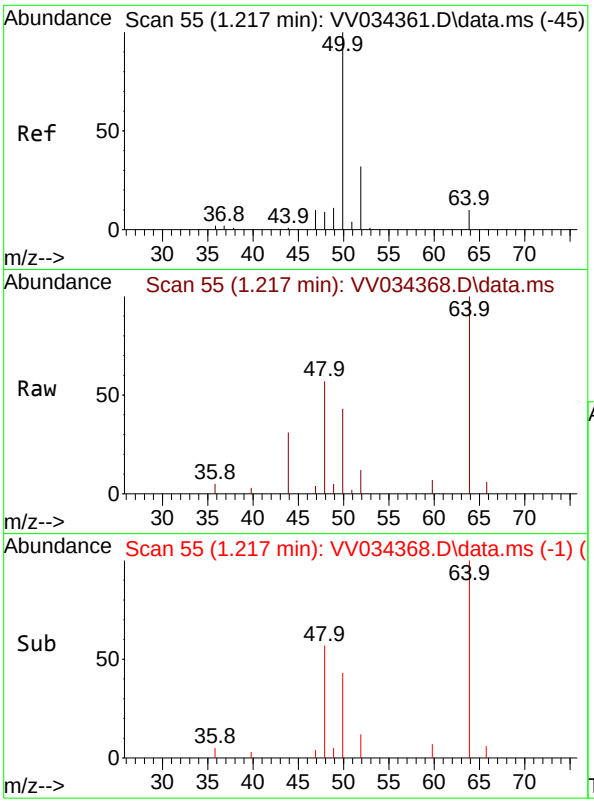


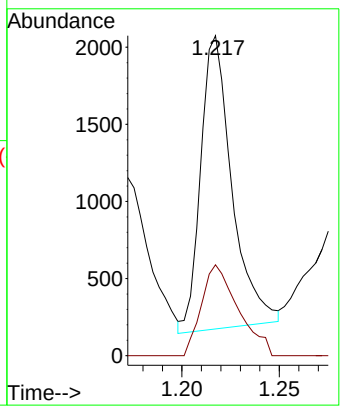


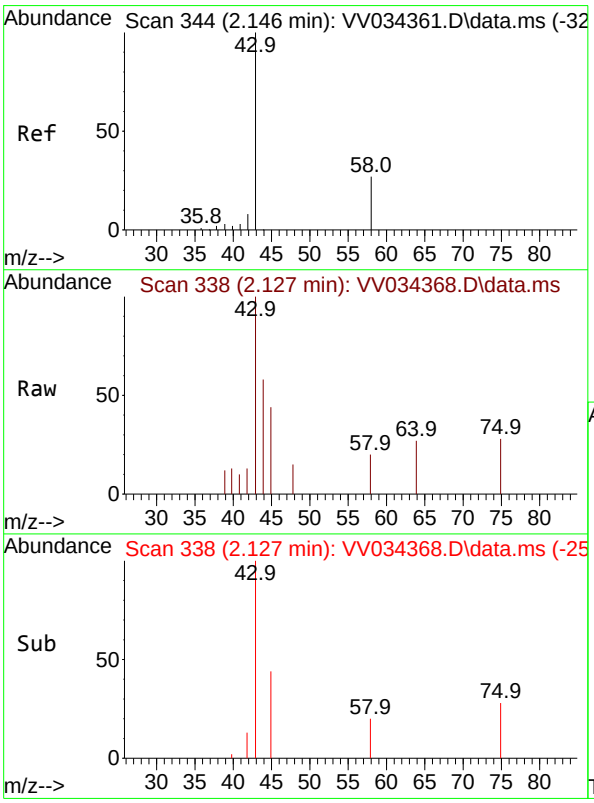
#3
Chloromethane
Concen: 0.657 ug/L
RT: 1.217 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Instrument :
MSVOA_V
ClientSampleId :
VIBLK327

Tgt Ion: 50 Resp: 2130

Ion	Ratio	Lower	Upper
50	100		
52	28.4	23.4	43.4

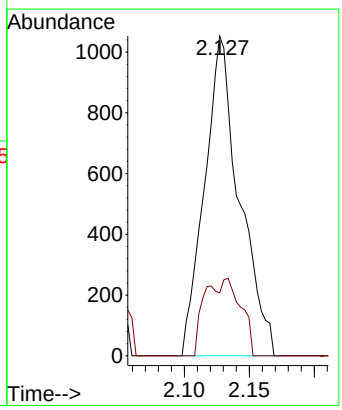


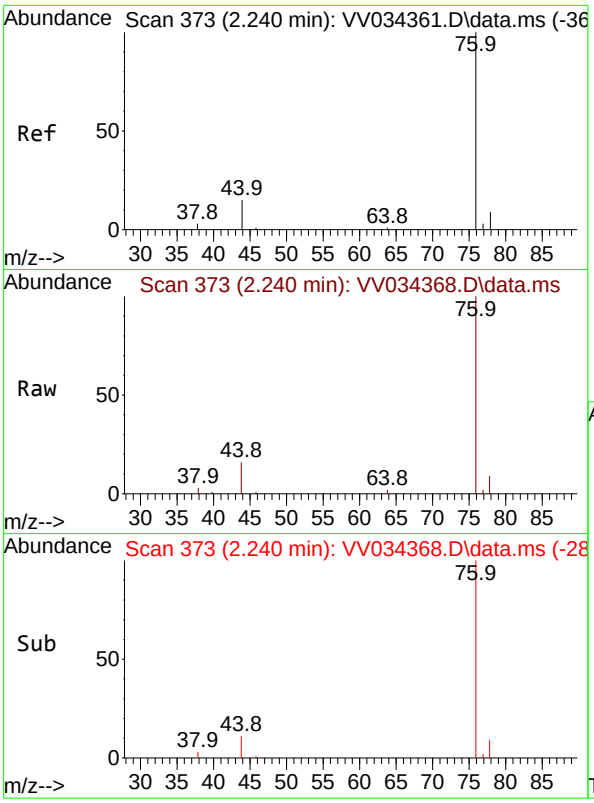


#13
Acetone
Concen: 6.139 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.019 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Tgt Ion: 43 Resp: 1965

Ion	Ratio	Lower	Upper
43	100		
58	13.1	0.0	13.8



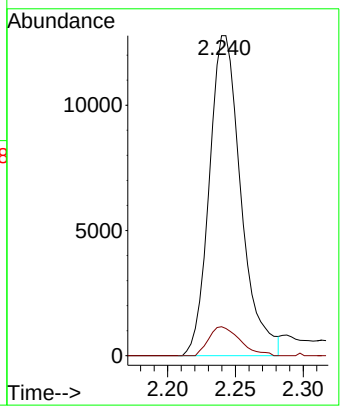


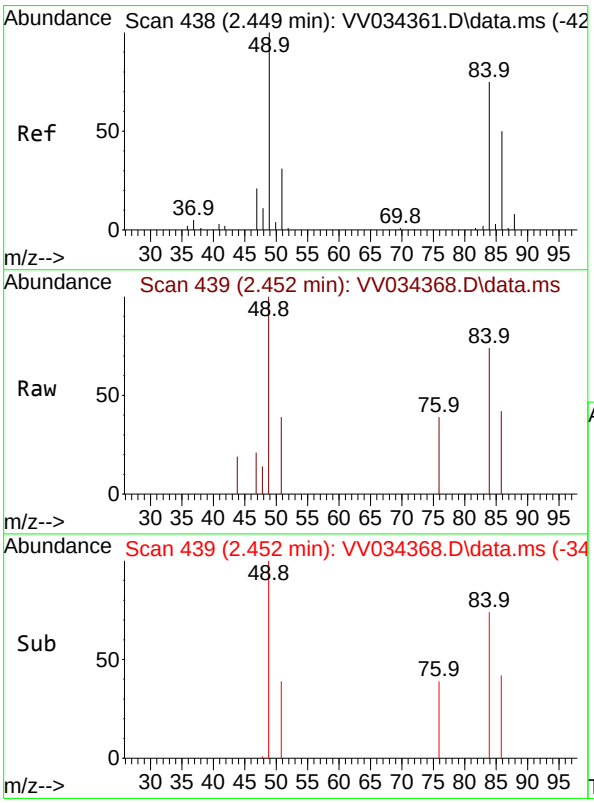
#14
Carbon disulfide
Concen: 2.833 ug/L
RT: 2.240 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Instrument :
MSVOA_V
ClientSampleId :
VIBLK327

Tgt Ion: 76 Resp: 20770

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

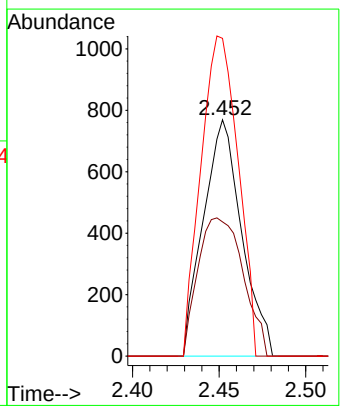


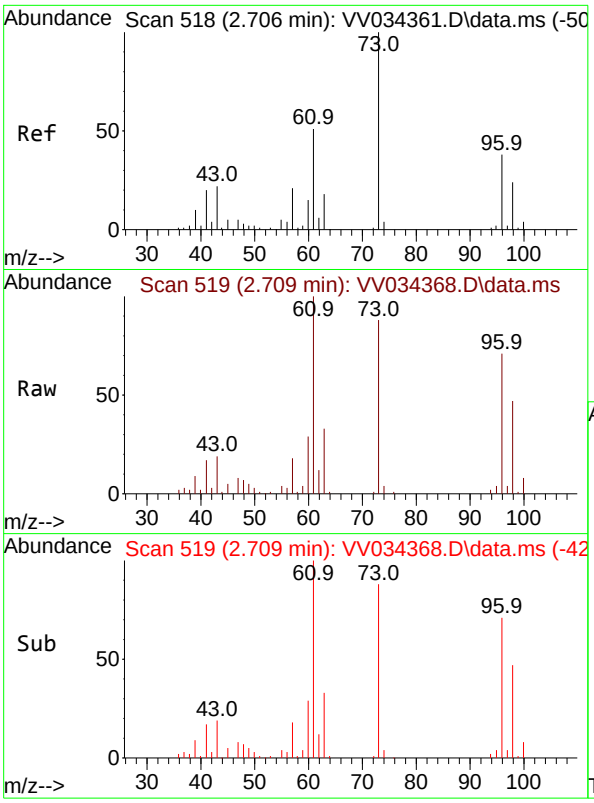


#16
Methylene chloride
Concen: 0.546 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Tgt Ion: 84 Resp: 1187

Ion	Ratio	Lower	Upper
84	100		
86	56.8	44.7	83.1
49	134.5	93.7	173.9



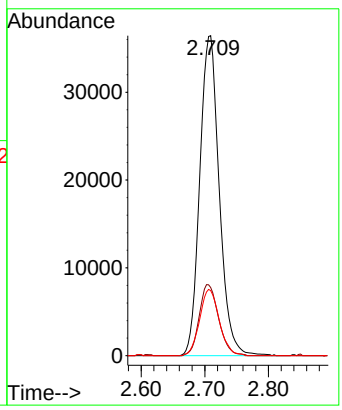


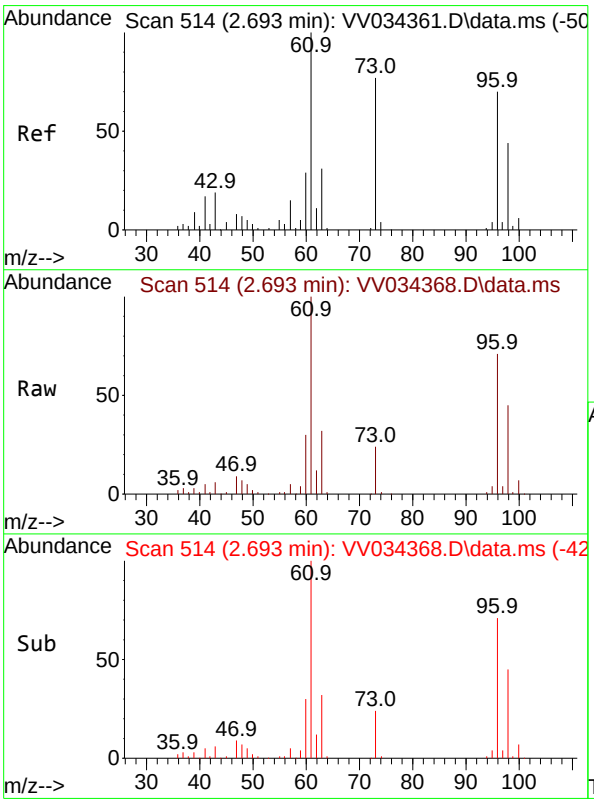
#17
Methyl tert-butyl Ether
Concen: 16.638 ug/L
RT: 2.709 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Instrument :
MSVOA_V
ClientSampleId :
VIBLK327

Tgt Ion: 73 Resp: 77463

Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.7	26.5
57	20.9	17.9	26.9

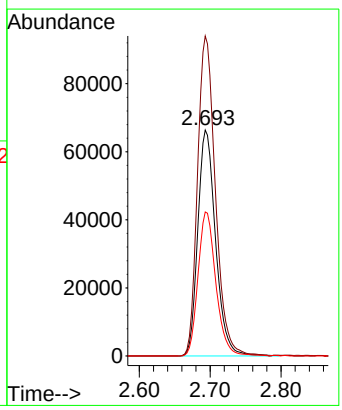


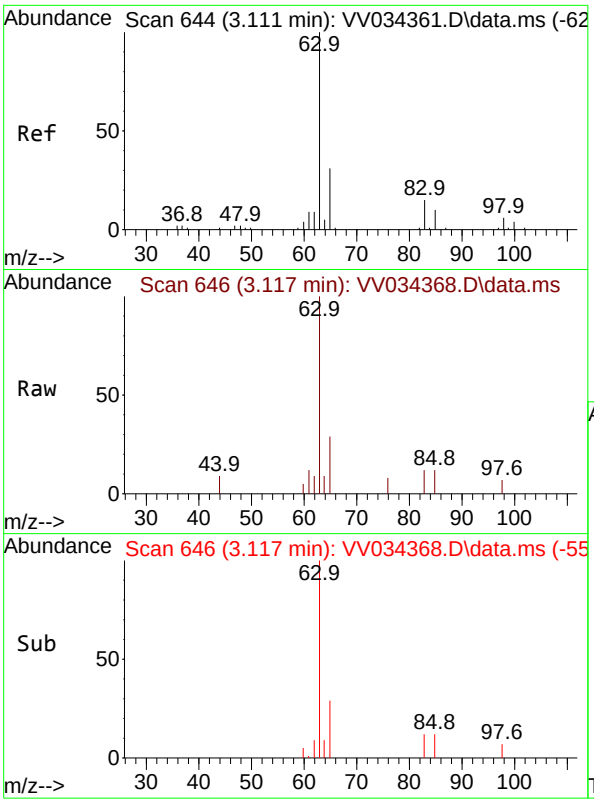


#18
trans-1,2-Dichloroethene
Concen: 50.102 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Tgt Ion: 96 Resp: 115633

Ion	Ratio	Lower	Upper
96	100		
61	141.6	97.6	181.4
98	63.7	44.4	82.5



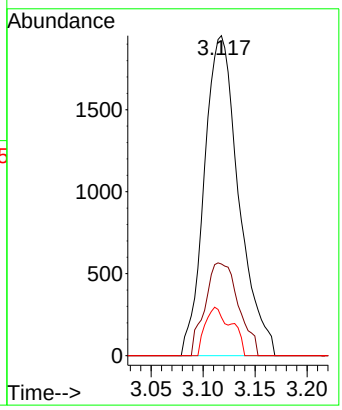


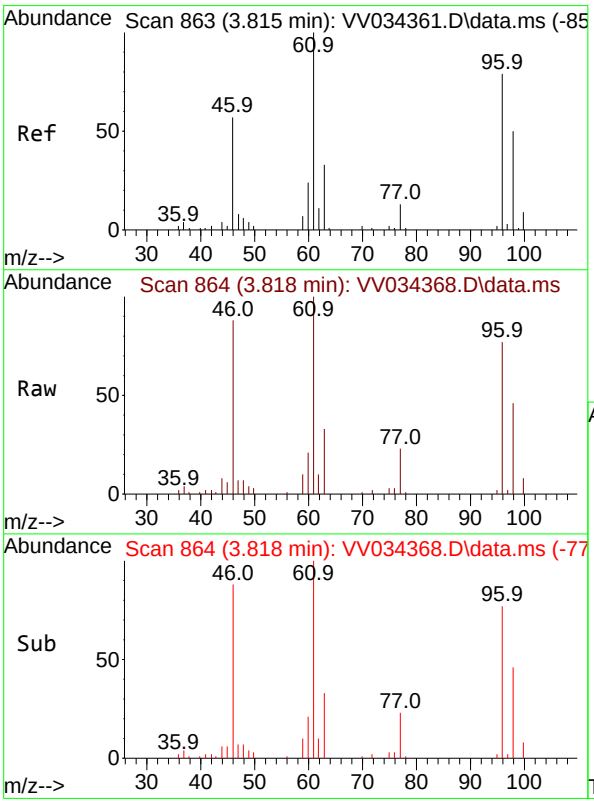
#19
1,1-Dichloroethane
Concen: 1.059 ug/L
RT: 3.117 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Instrument :
MSVOA_V
ClientSampleId :
VIBLK327

Tgt Ion: 63 Resp: 4491

Ion	Ratio	Lower	Upper
63	100		
65	26.4	20.8	38.6
83	11.0	9.4	17.4





#22
cis-1,2-Dichloroethene
Concen: 7.459 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034368.D
Acq: 23 Feb 2024 12:09

Tgt Ion: 96 Resp: 19531

Ion	Ratio	Lower	Upper
96	100		
61	130.4	90.3	167.7
98	59.7	43.2	80.2