Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
Data File : VV034367.D
Acq On : 23 Feb 2024 11:44
Operator : SY/MD
Sample : VIBLK326
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK326

Quant Time: Feb 24 00:46:27 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	5.542	114	27611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	26402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	12784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	15997	7.481	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 149.600%#			
7) Chloroethane-d5	1.526	69	9525	5.085	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.060	65	5553	5.385	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.600%			
20) 2-Butanone-d5	3.799	46	39029	108.674	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 217.340%#			
24) Chloroform-d	4.256	84	19004	4.891	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
26) 1,2-Dichloroethane-d4	4.950	65	12785	7.041	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 140.800%#			
32) Benzene-d6	4.966	84	35856	4.527	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
36) 1,2-Dichloropropane-d6	5.995	67	10208	4.610	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.200%			
41) Toluene-d8	7.249	98	32689	4.490	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
43) trans-1,3-Dichloroprop...	7.567	79	3385	4.049	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.000%			
46) 2-Hexanone-d5	8.027	63	30052	100.687	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 201.380%#			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	11293	8.413	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 168.200%#			
66) 1,2-Dichlorobenzene-d4	11.564	152	12136	5.220	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.400%			
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2653	0.961	ug/L	98
13) Acetone	2.117	43	2606	9.565	ug/L #	40
14) Carbon disulfide	2.240	76	17749	2.844	ug/L	98
16) Methylene chloride	2.452	84	3240	1.751	ug/L	92
17) Methyl tert-butyl Ether	2.706	73	60183	15.186	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	86814	44.188	ug/L	96
19) 1,1-Dichloroethane	3.114	63	3270	0.906	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	15157	6.800	ug/L	99

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

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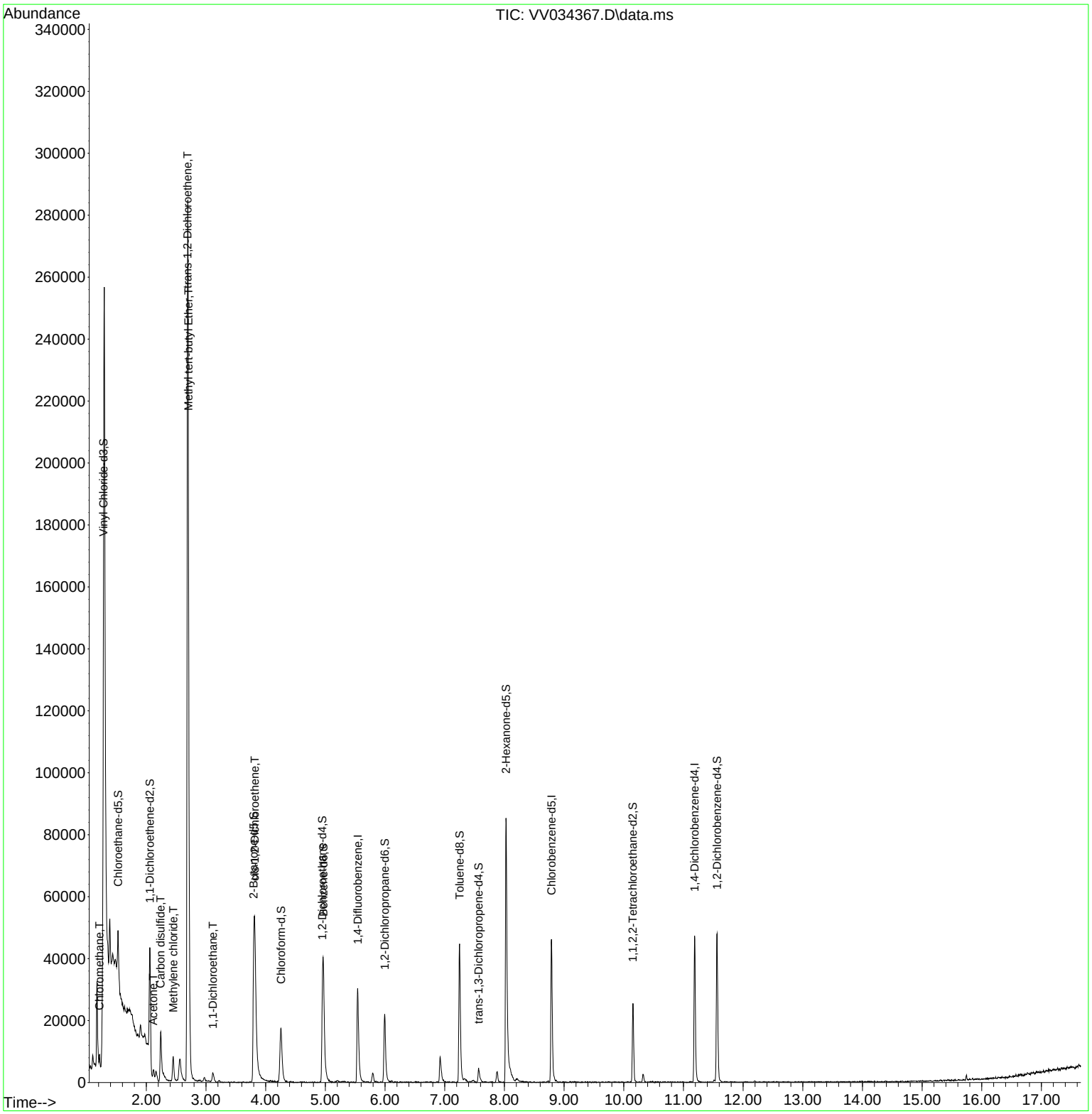
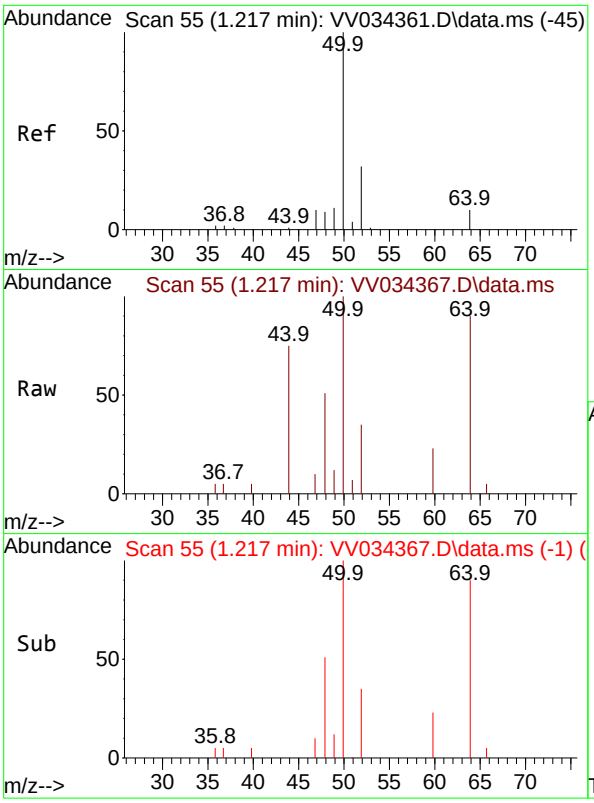


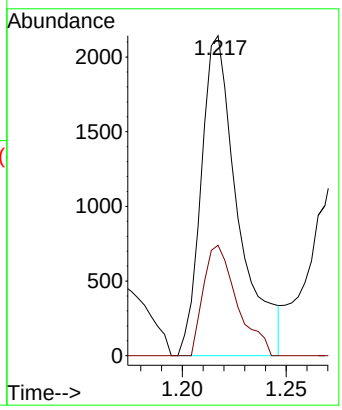


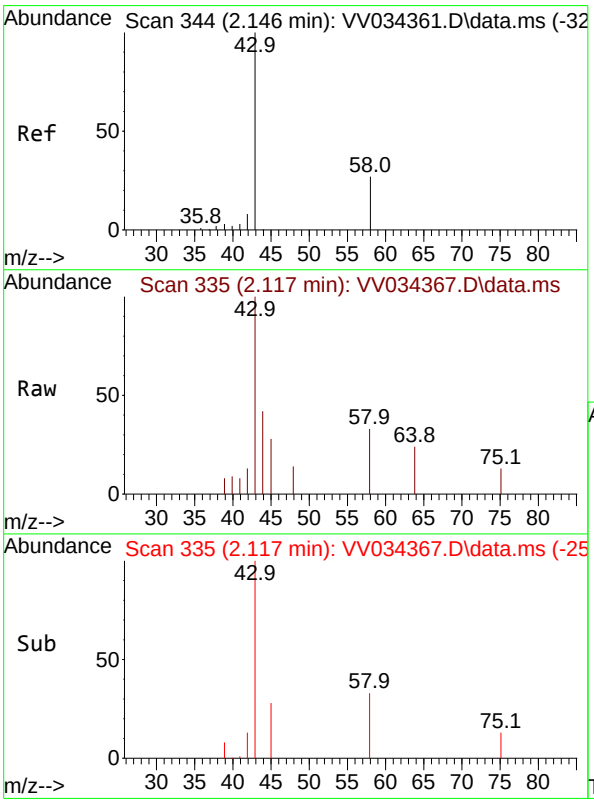
#3
Chloromethane
Concen: 0.961 ug/L
RT: 1.217 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Instrument :
MSVOA_V
ClientSampleId :
VIBLK326

Tgt Ion: 50 Resp: 2653

Ion	Ratio	Lower	Upper
50	100		
52	34.5	23.4	43.4

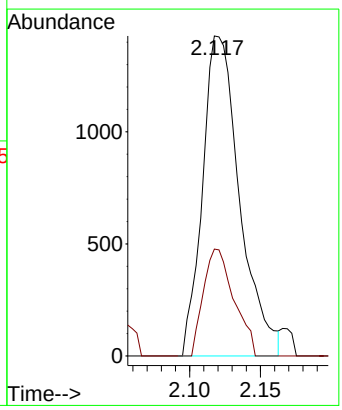


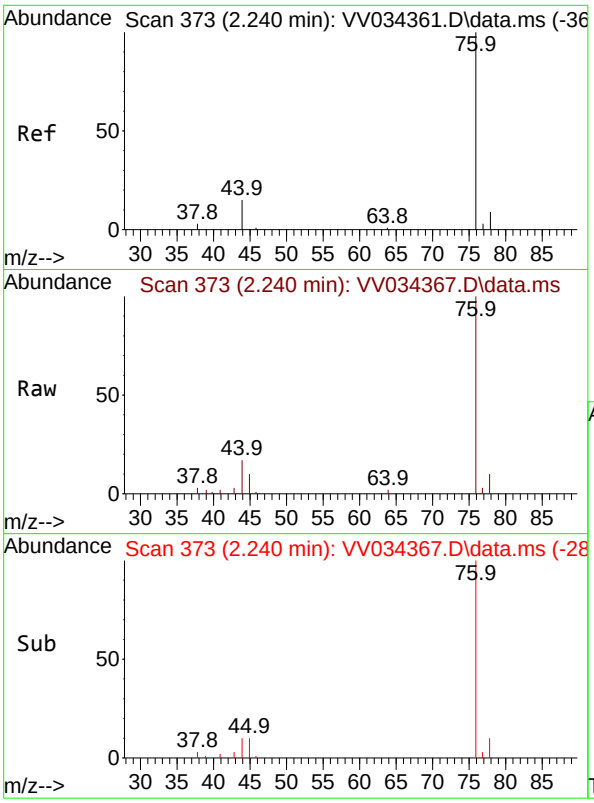


#13
Acetone
Concen: 9.565 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.029 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Tgt Ion: 43 Resp: 2606

Ion	Ratio	Lower	Upper
43	100		
58	27.5	0.0	13.8#



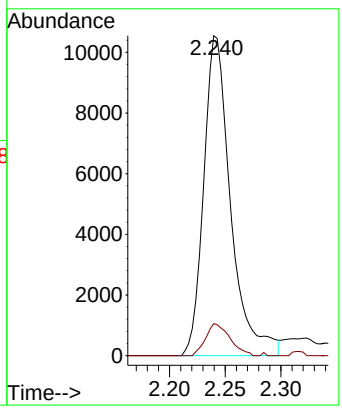


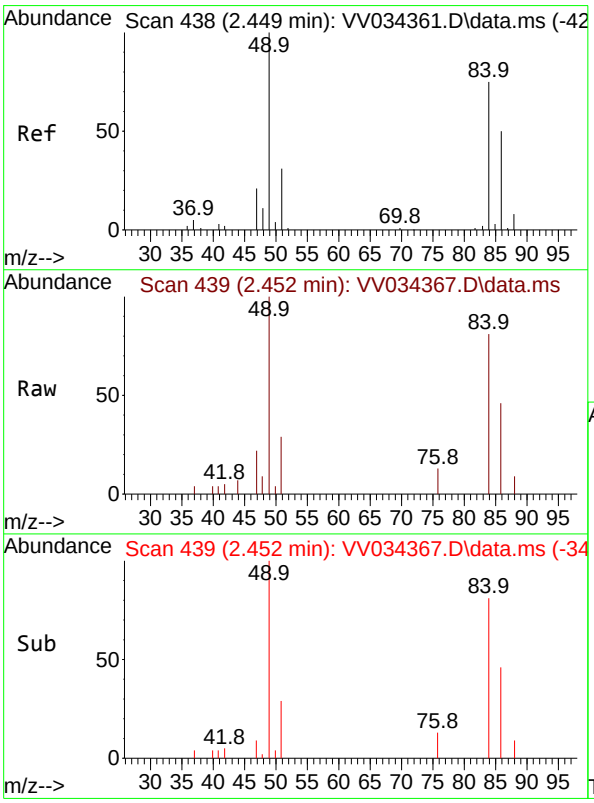
#14
Carbon disulfide
Concen: 2.844 ug/L
RT: 2.240 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Instrument :
MSVOA_V
ClientSampleId :
VIBLK326

Tgt Ion: 76 Resp: 17749

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.5	11.3

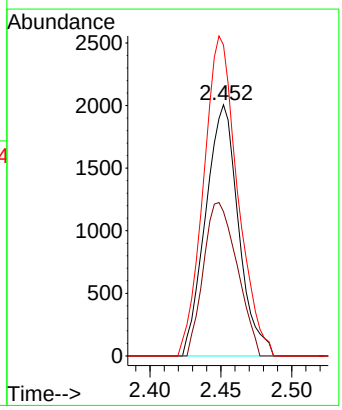


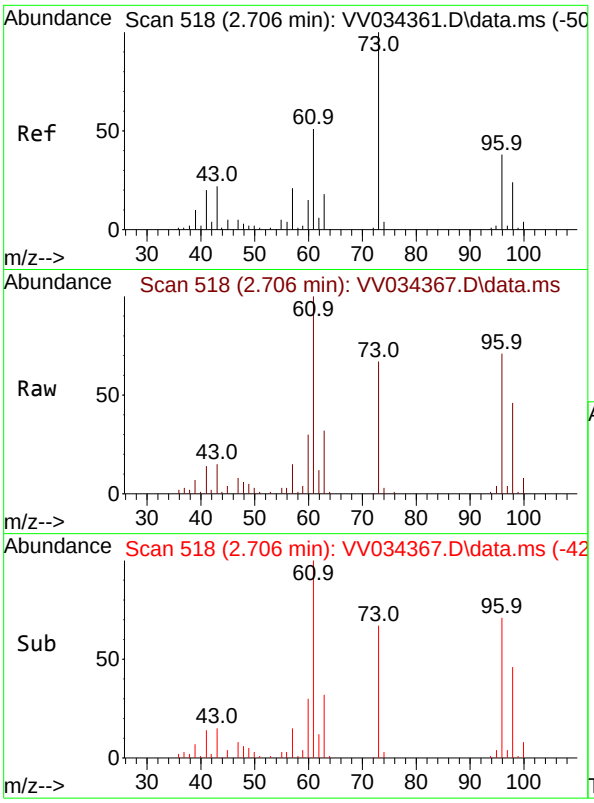


#16
Methylene chloride
Concen: 1.751 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Tgt Ion: 84 Resp: 3240

Ion	Ratio	Lower	Upper
84	100		
86	57.4	44.7	83.1
49	123.7	93.7	173.9



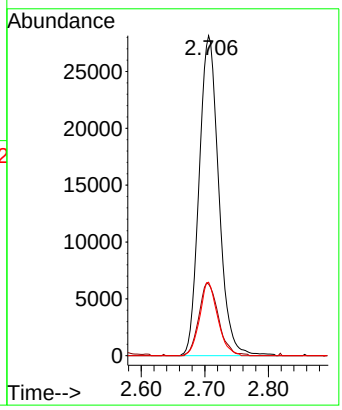


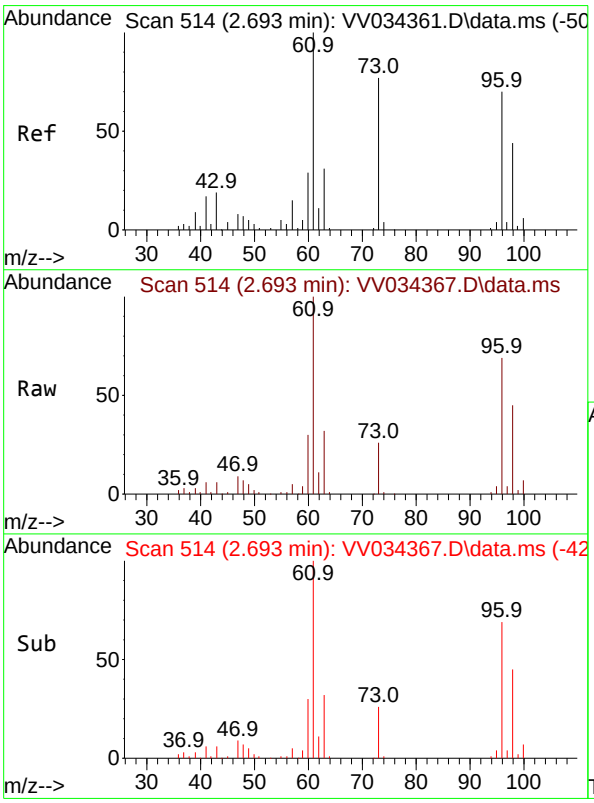
#17
Methyl tert-butyl Ether
Concen: 15.186 ug/L
RT: 2.706 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Instrument :
MSVOA_V
ClientSampleId :
VIBLK326

Tgt Ion: 73 Resp: 60183

Ion	Ratio	Lower	Upper
73	100		
43	22.7	17.7	26.5
57	21.1	17.9	26.9

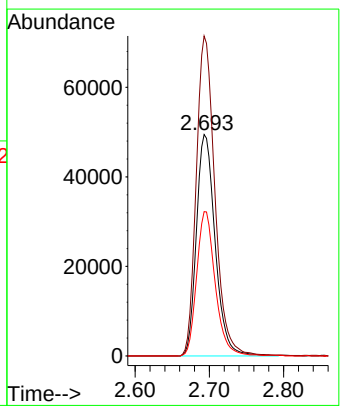


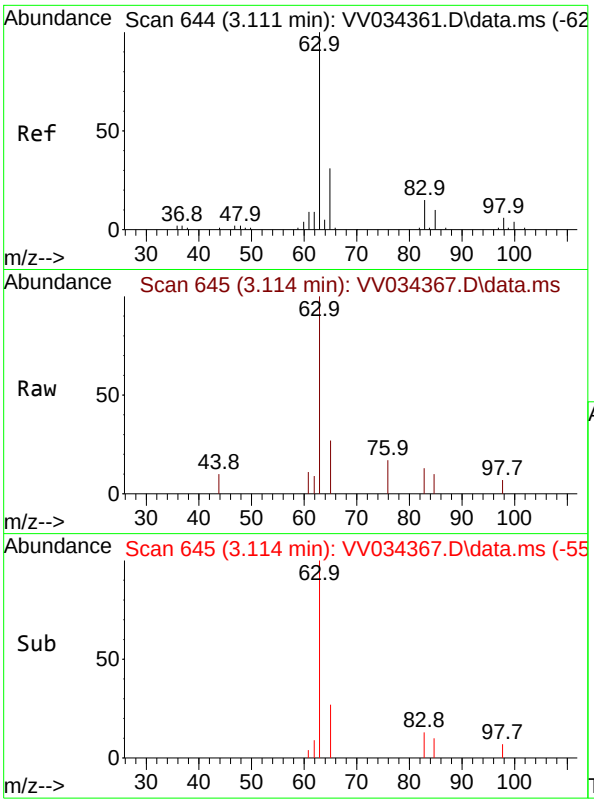


#18
trans-1,2-Dichloroethene
Concen: 44.188 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Tgt Ion: 96 Resp: 86814

Ion	Ratio	Lower	Upper
96	100		
61	144.6	97.6	181.4
98	65.2	44.4	82.5



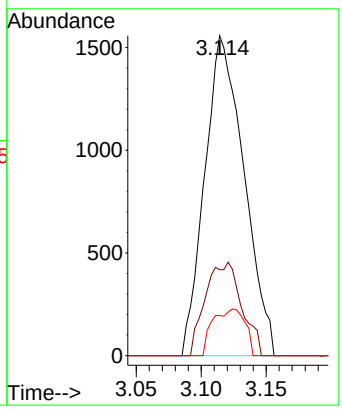


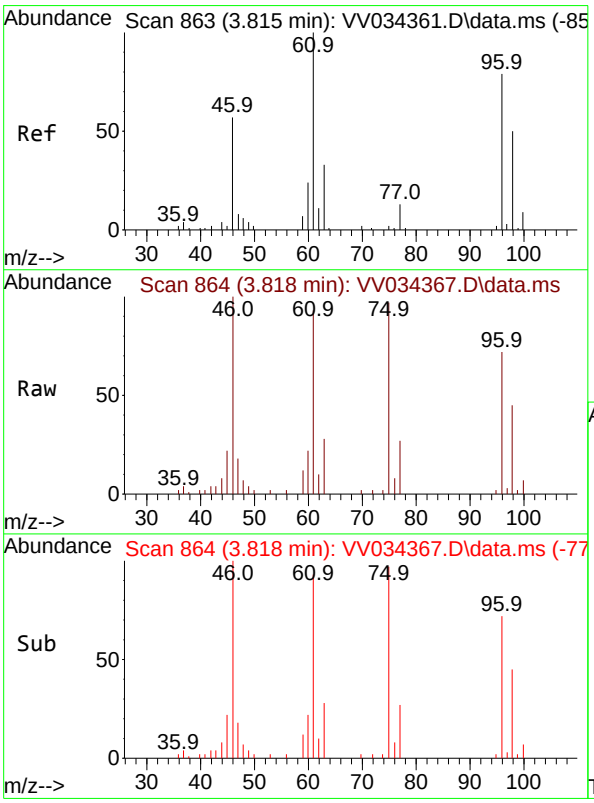
#19
1,1-Dichloroethane
Concen: 0.906 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Instrument :
MSVOA_V
ClientSampleId :
VIBLK326

Tgt Ion: 63 Resp: 3270

Ion	Ratio	Lower	Upper
63	100		
65	26.9	20.8	38.6
83	12.5	9.4	17.4





#22
cis-1,2-Dichloroethene
Concen: 6.800 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Tgt Ion: 96 Resp: 15157

Ion	Ratio	Lower	Upper
96	100		
61	127.9	90.3	167.7
98	62.2	43.2	80.2