Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022424\
Data File : VV034390.D
Acq On : 24 Feb 2024 12:34
Operator : SY/MD
Sample : P1511-06DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 26 00:36:16 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	79033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	34940	5.708	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.200%			
7) Chloroethane-d5	1.536	69	25086	4.679	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.600%			
11) 1,1-Dichloroethene-d2	2.063	65	13840	4.689	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.800%			
20) 2-Butanone-d5	3.805	46	39747	38.665	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.320%			
24) Chloroform-d	4.252	84	51548	4.635	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	4.947	65	24796	4.770	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	4.963	84	99326	4.464	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	5.989	67	27584	4.435	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.600%			
41) Toluene-d8	7.246	98	91894	4.493	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
43) trans-1,3-Dichloroprop...	7.564	79	6891	2.934	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 58.600%			
46) 2-Hexanone-d5	8.027	63	34234	40.830	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.660%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17023	4.514	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.200%			
66) 1,2-Dichlorobenzene-d4	11.561	152	31764	4.720	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	6151	0.815	ug/L #	1
8) Chloroethane	1.294	64	433157	84.108	ug/L #	52
14) Carbon disulfide	2.243	76	9317	0.522	ug/L	100
15) Methyl Acetate	2.137	43	769	0.417	ug/L #	53
16) Methylene chloride	2.452	84	1438	0.271	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	21876	1.928	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	49527	8.807	ug/L	98
19) 1,1-Dichloroethane	3.114	63	1677	0.162	ug/L #	88
22) cis-1,2-Dichloroethene	3.818	96	8262	1.295	ug/L	85
35) Methylcyclohexane	5.989	83	7329	0.725	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3688	0.684	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	4317	1.697	ug/L #	60

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

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Instrument :
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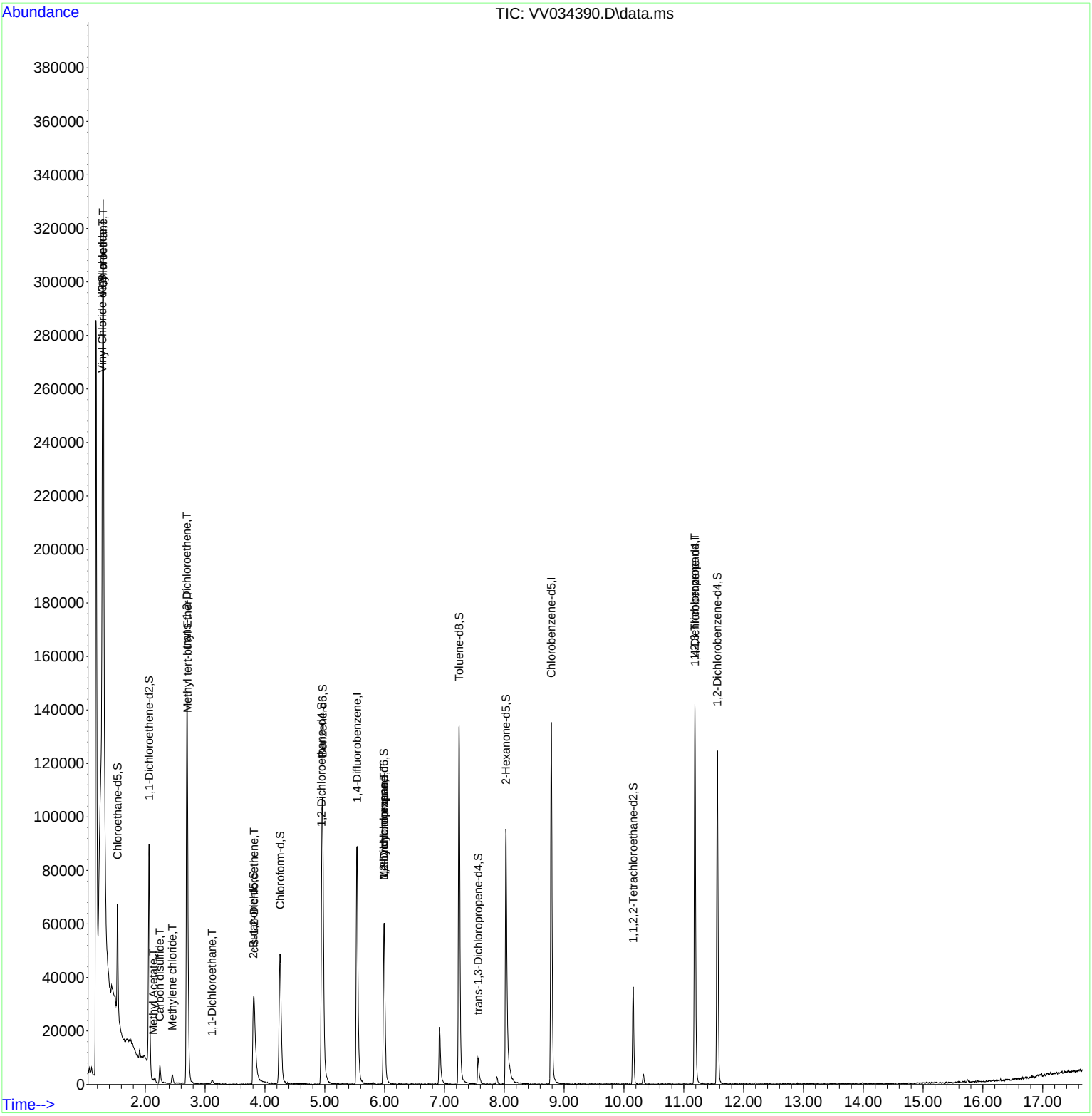
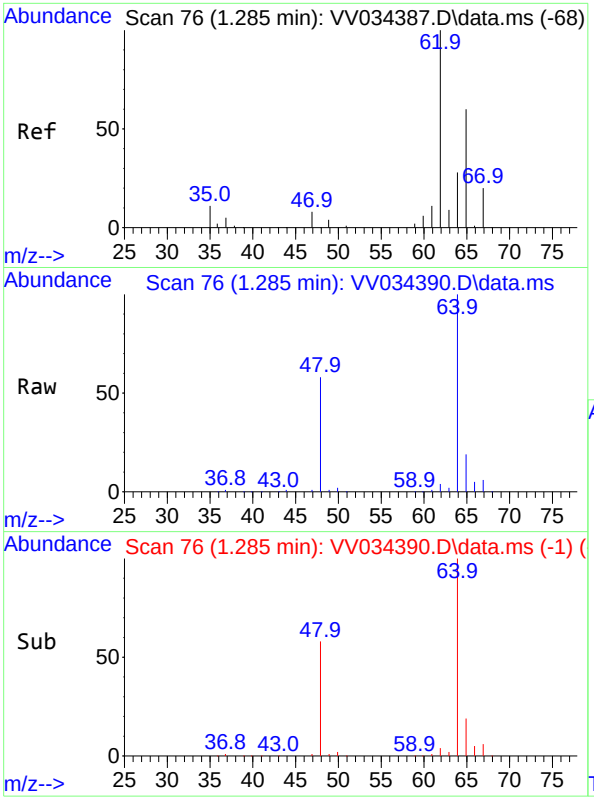
Quant Time: Feb 26 00:36:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 24 00:41:32 2024
Response via : Initial Calibration



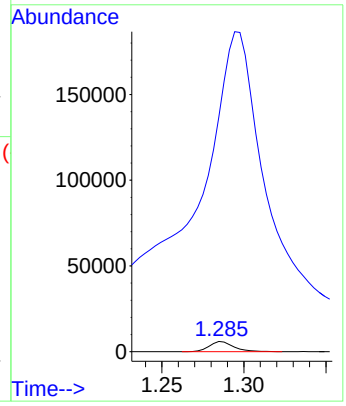


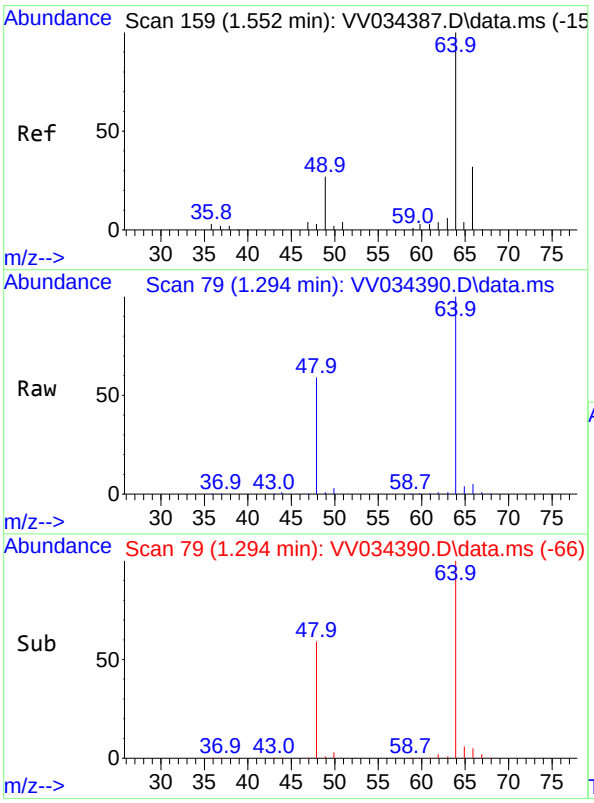
#5
Vinyl chloride
Concen: 0.815 ug/L
RT: 1.285 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 6151

Ion	Ratio	Lower	Upper
62	100		
64	2287.7	27.2	50.4#

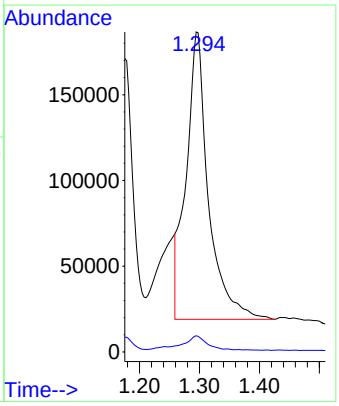


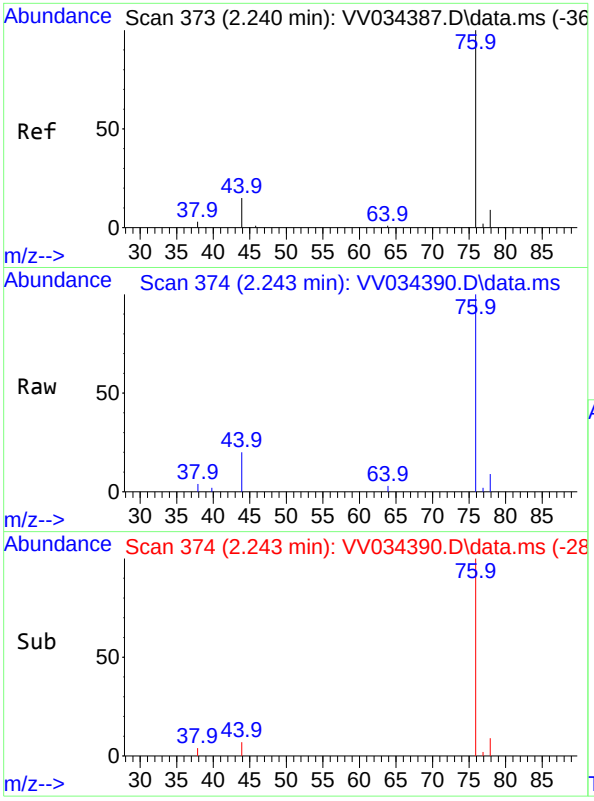


#8
Chloroethane
Concen: 84.108 ug/L
RT: 1.294 min Scan# 79
Delta R.T. -0.257 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Tgt Ion: 64 Resp: 433157

Ion	Ratio	Lower	Upper
64	100		
66	5.1	22.0	41.0#



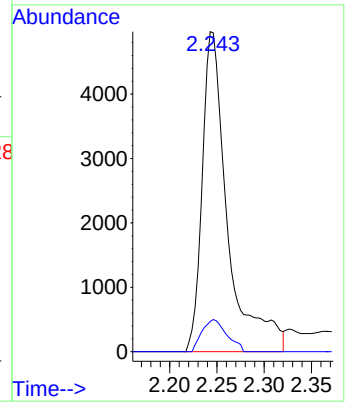


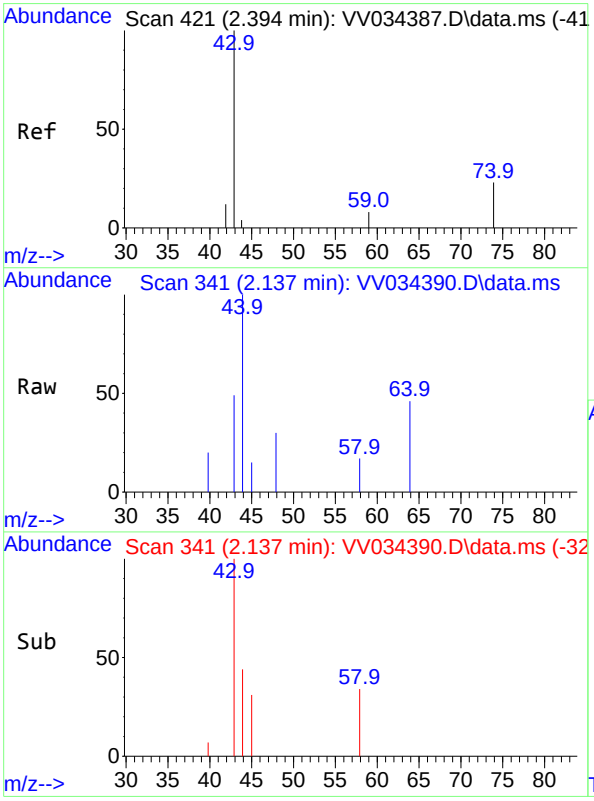
#14
Carbon disulfide
Concen: 0.522 ug/L
RT: 2.243 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 9317

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

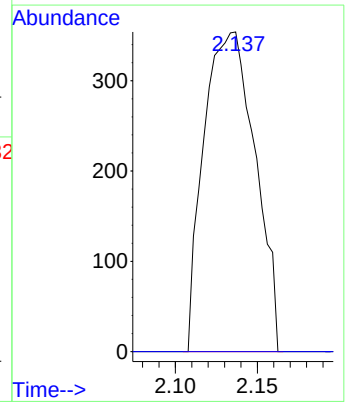


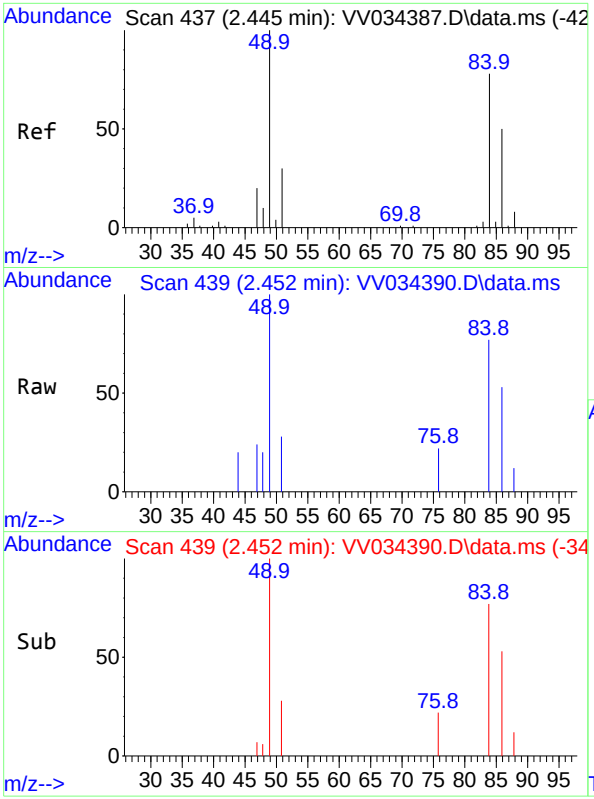


#15
Methyl Acetate
Concen: 0.417 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.248 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Tgt Ion: 43 Resp: 769

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.2	27.4#



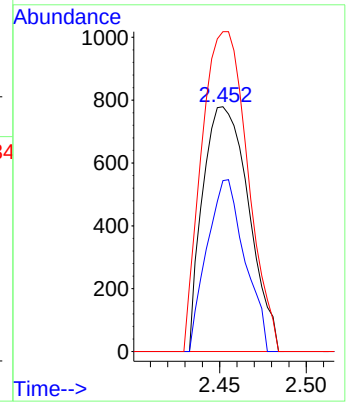


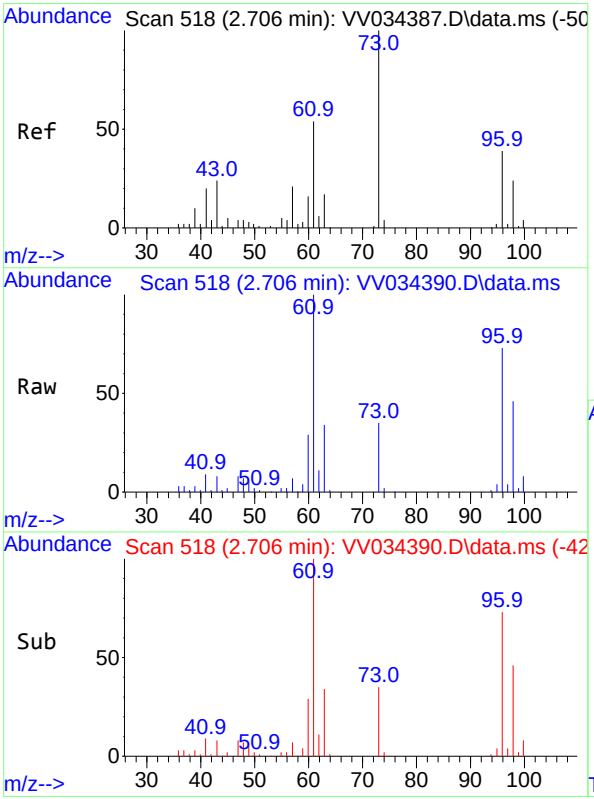
#16
Methylene chloride
Concen: 0.271 ug/L
RT: 2.452 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 1438

Ion	Ratio	Lower	Upper
84	100		
86	69.8	44.7	83.1
49	130.7	93.7	173.9

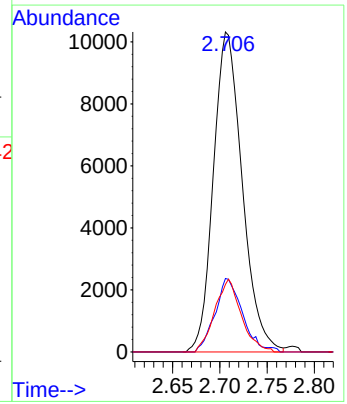


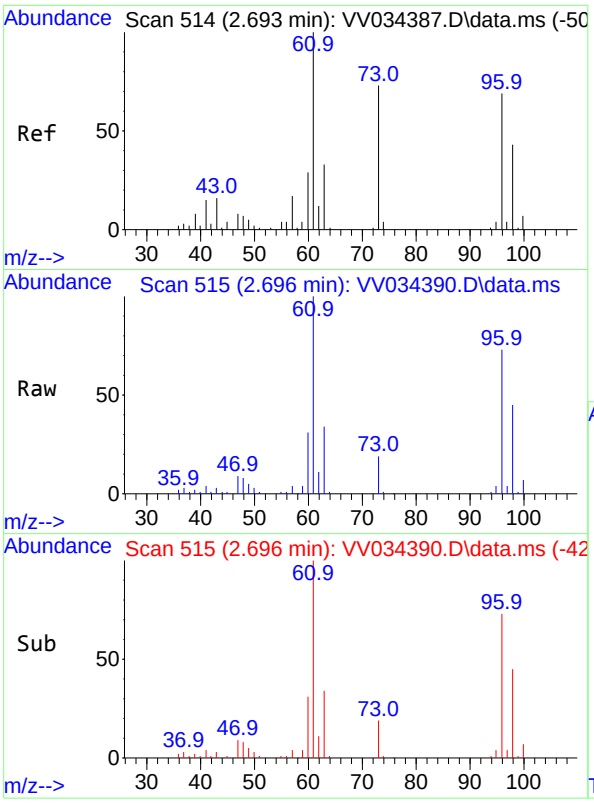


#17
Methyl tert-butyl Ether
Concen: 1.928 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Tgt Ion: 73 Resp: 21876

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



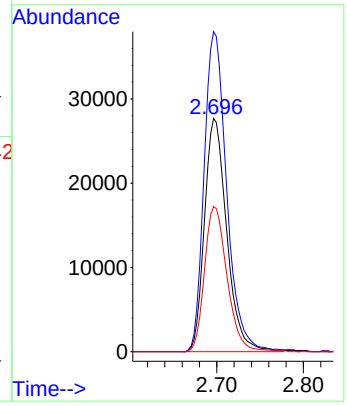


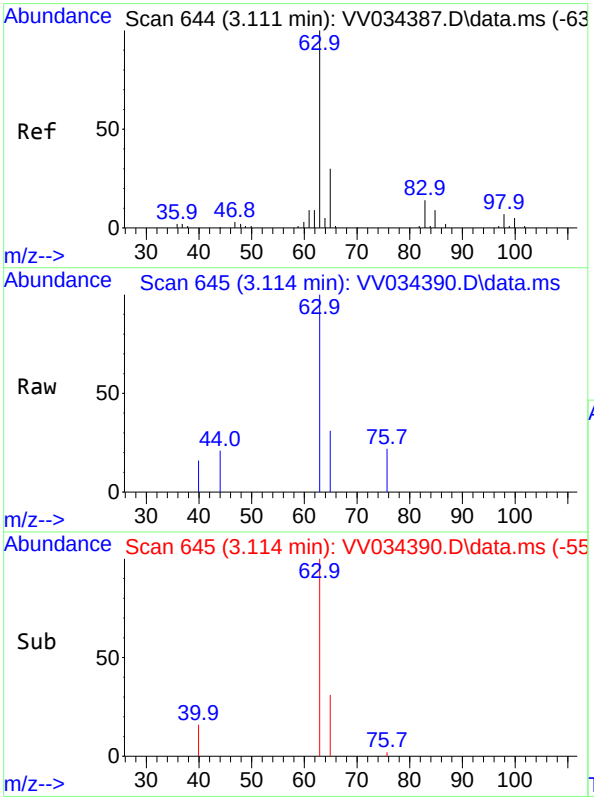
#18
trans-1,2-Dichloroethene
Concen: 8.807 ug/L
RT: 2.696 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 49527

Ion	Ratio	Lower	Upper
96	100		
61	137.2	97.6	181.4
98	62.2	44.4	82.5

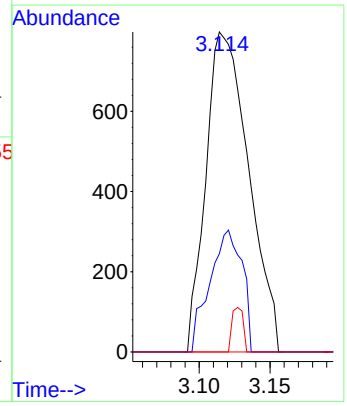


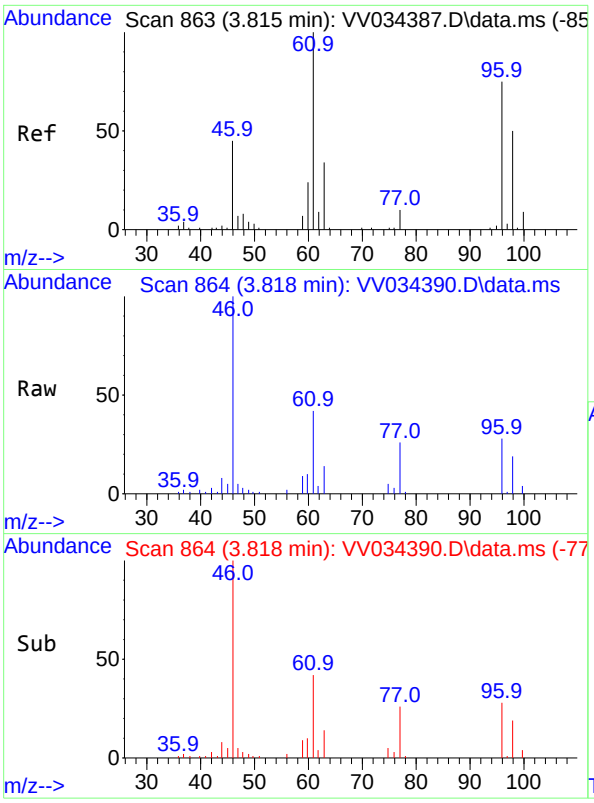


#19
1,1-Dichloroethane
Concen: 0.162 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Tgt Ion: 63 Resp: 1677

Ion	Ratio	Lower	Upper
63	100		
65	30.7	20.8	38.6
83	0.0	9.4	17.4#



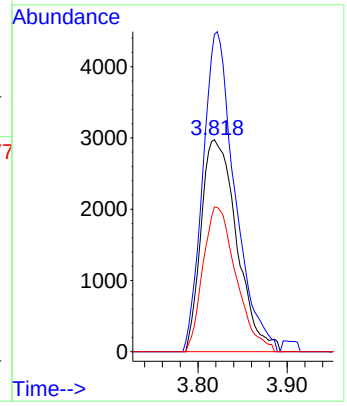


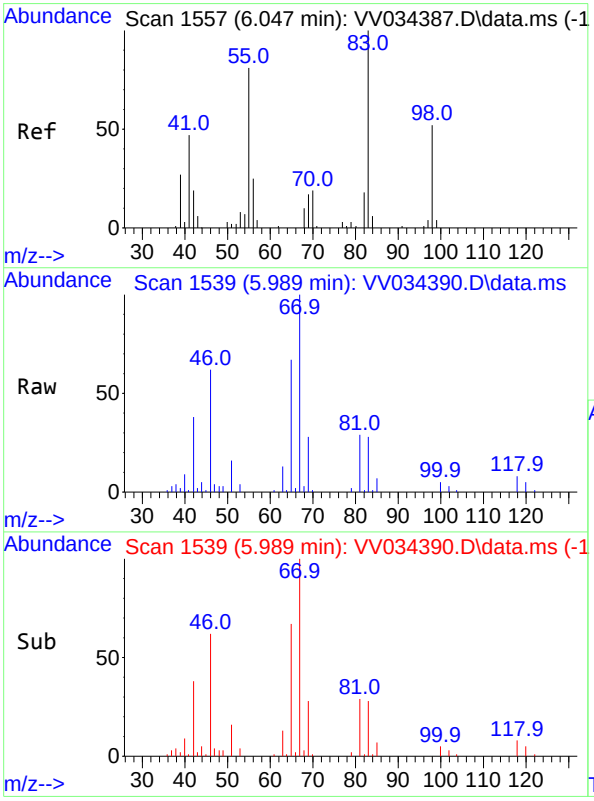
#22
cis-1,2-Dichloroethene
Concen: 1.295 ug/L
RT: 3.818 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 8262

Ion	Ratio	Lower	Upper
96	100		
61	149.7	90.3	167.7
98	68.2	43.2	80.2

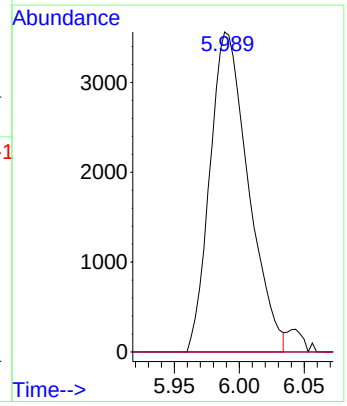


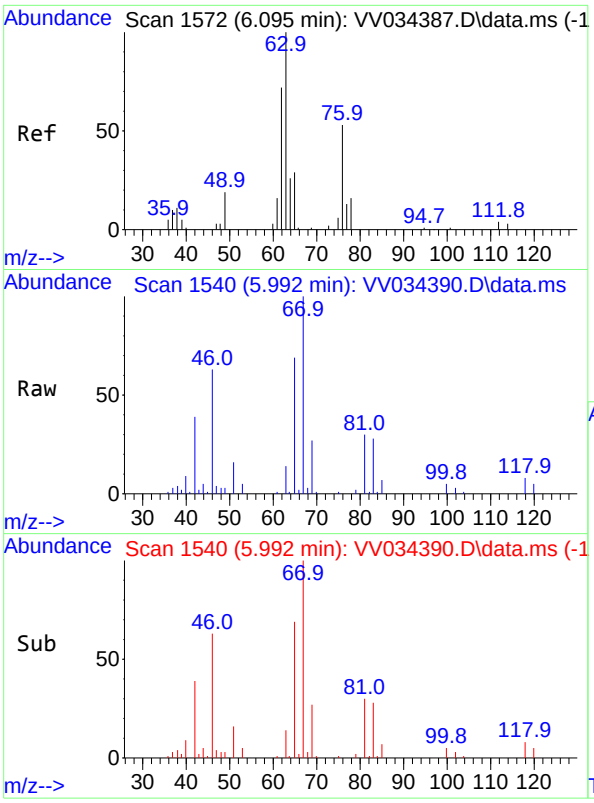


#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Tgt Ion: 83 Resp: 7329

Ion	Ratio	Lower	Upper
83	100		
55	0.6	63.5	95.3#
98	0.0	39.0	58.4#



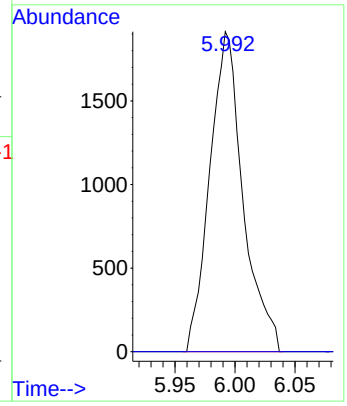


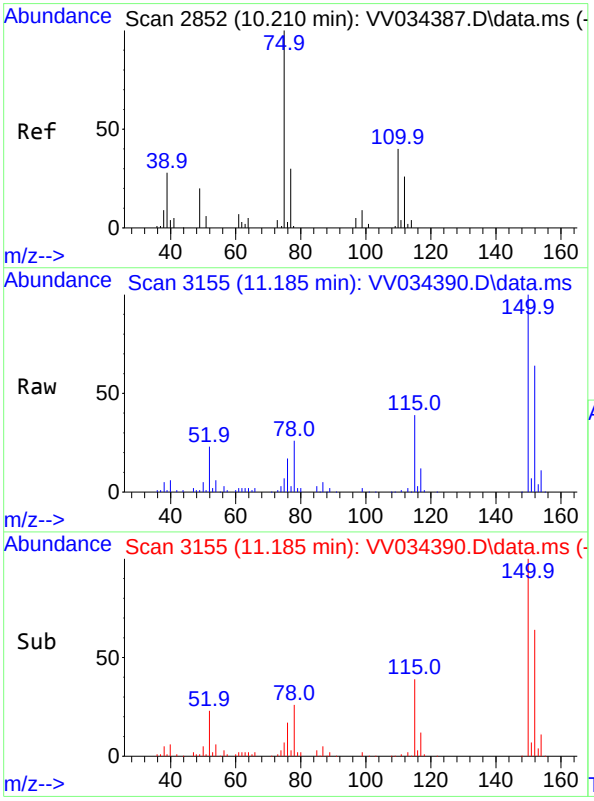
#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 5.992 min Scan# 1
Delta R.T. -0.100 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3688

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#61
1,2,3-Trichloropropane
Concen: 1.697 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034390.D
Acq: 24 Feb 2024 12:34

Tgt Ion: 75 Resp: 4317

Ion	Ratio	Lower	Upper
75	100		
77	37.4	26.9	40.3
110	0.0	33.3	49.9#