Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022024\
Data File : VV034259.D
Acq On : 20 Feb 2024 10:50
Operator : SY/MD
Sample : P1503-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 21 01:42:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 21 01:41:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	82956	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	75972	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	26642	4.147	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.000%			
7) Chloroethane-d5	1.536	69	22234	3.951	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.000%			
11) 1,1-Dichloroethene-d2	2.060	65	12421	4.009	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.200%			
20) 2-Butanone-d5	3.854	46	12216	11.321	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 22.640%#			
24) Chloroform-d	4.249	84	49008	4.198	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
26) 1,2-Dichloroethane-d4	4.944	65	22754	4.171	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.400%			
32) Benzene-d6	4.960	84	94727	4.156	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
36) 1,2-Dichloropropane-d6	5.989	67	25618	4.021	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.400%			
41) Toluene-d8	7.243	98	90233	4.307	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
43) trans-1,3-Dichloroprop...	7.558	79	9112	3.787	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.800%			
46) 2-Hexanone-d5	8.034	63	21276	24.773	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 49.540%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15001	3.884	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.600%			
66) 1,2-Dichlorobenzene-d4	11.561	152	29461	4.407	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1315	0.166	ug/L #	1
8) Chloroethane	1.294	64	140257	25.946	ug/L #	53
16) Methylene chloride	2.449	84	939	0.169	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	225579	18.945	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	1029	0.174	ug/L	86
22) cis-1,2-Dichloroethene	3.828	96	1653	0.247	ug/L	93
35) Methylcyclohexane	5.989	83	6533	0.631	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3614	0.655	ug/L #	87
53) m,p-Xylene	9.082	106	1646	0.155	ug/L	93
61) 1,2,3-Trichloropropane	11.185	75	3906	1.546	ug/L #	59

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

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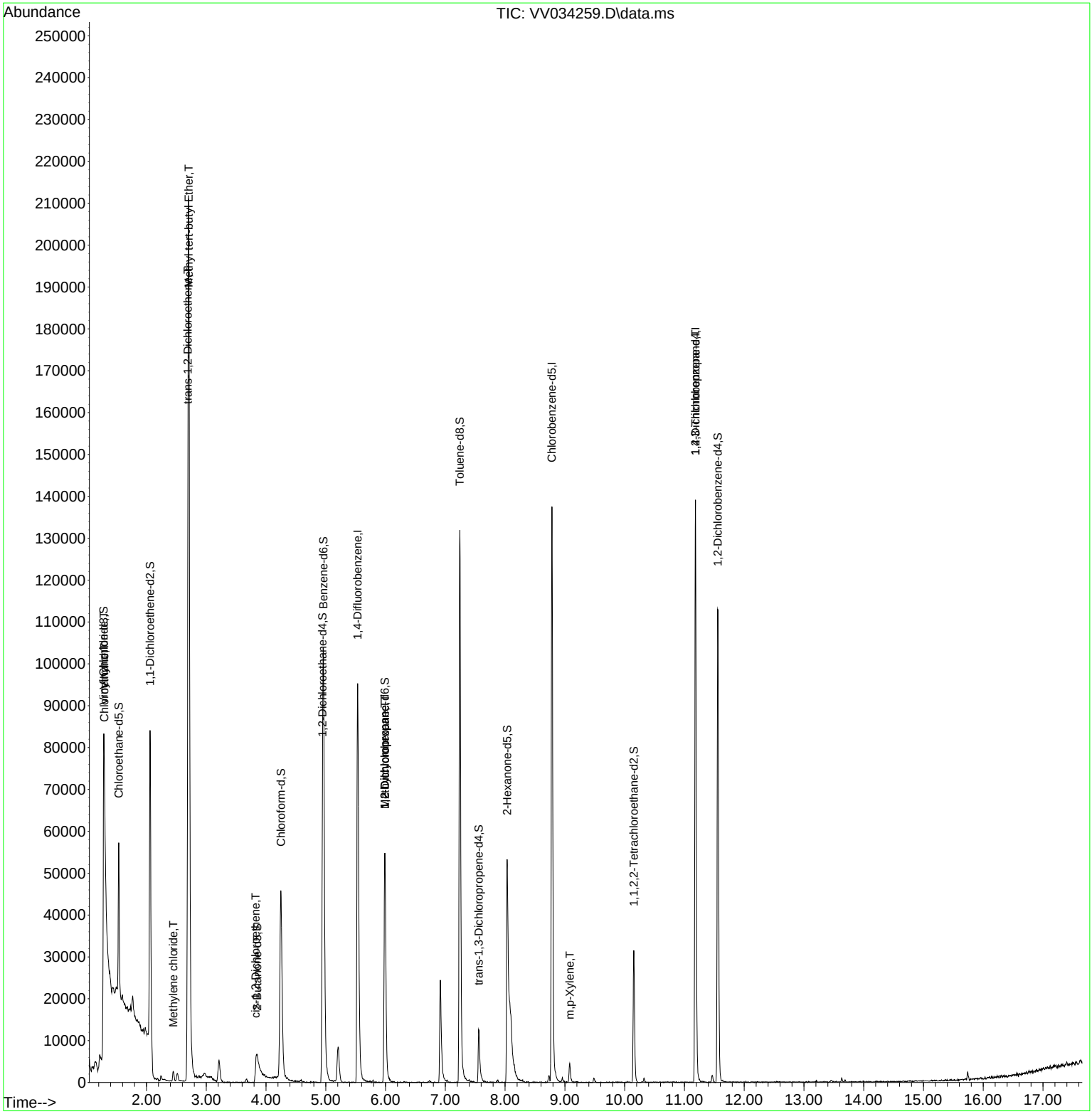
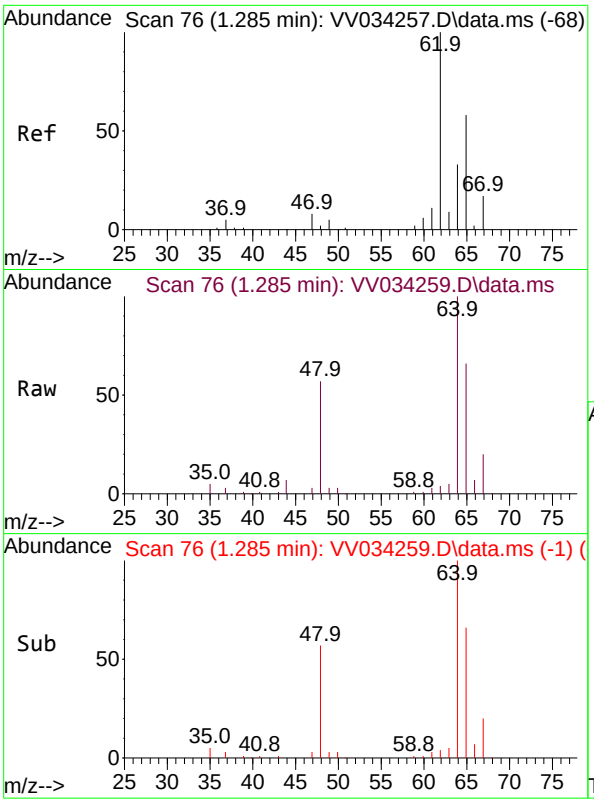
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 21 01:41:15 2024
Response via : Initial Calibration



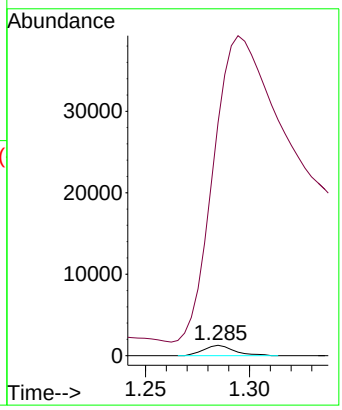


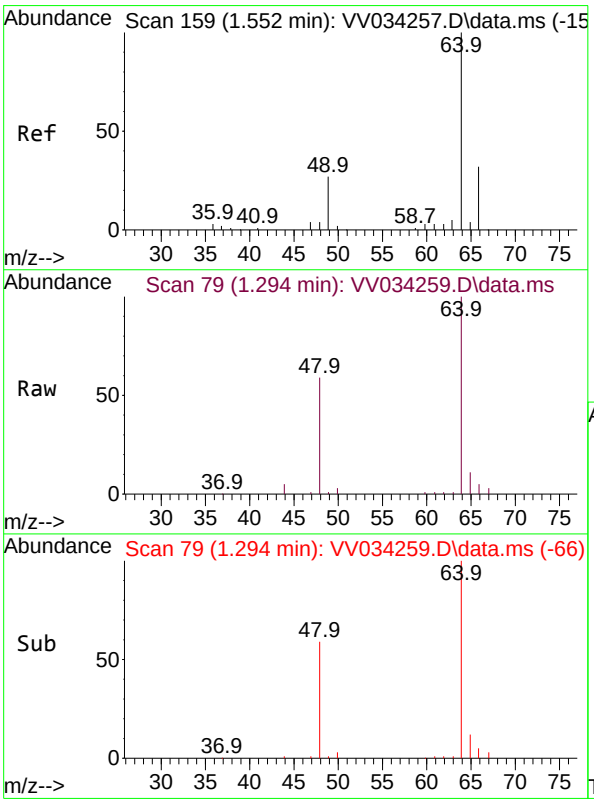
#5
Vinyl chloride
Concen: 0.166 ug/L
RT: 1.285 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 1315

Ion	Ratio	Lower	Upper
62	100		
64	2250.2	27.2	50.4#

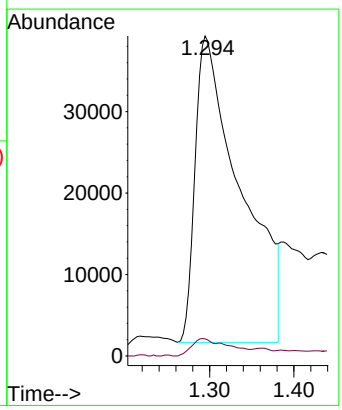


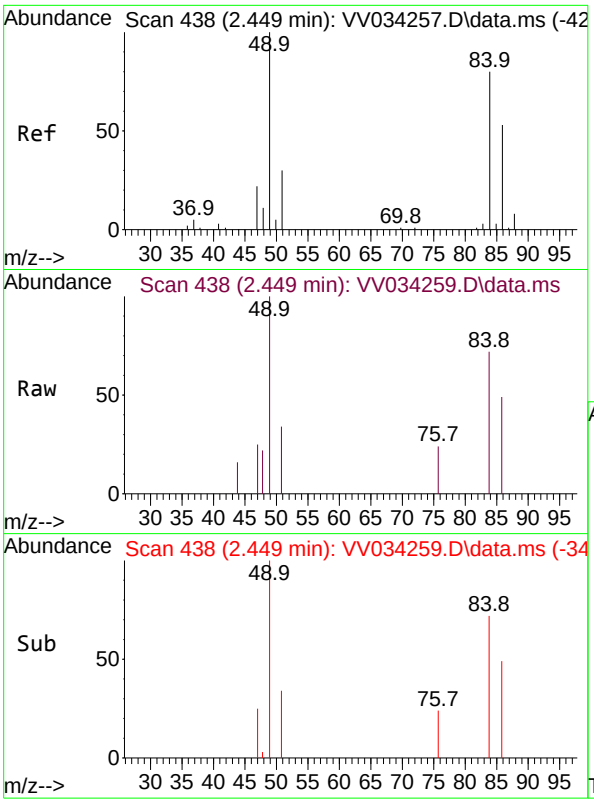


#8
Chloroethane
Concen: 25.946 ug/L
RT: 1.294 min Scan# 79
Delta R.T. -0.257 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Tgt Ion: 64 Resp: 140257

Ion	Ratio	Lower	Upper
64	100		
66	5.4	22.0	41.0#



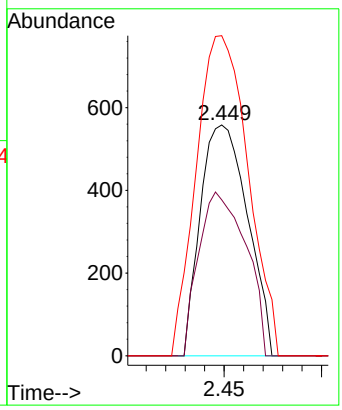


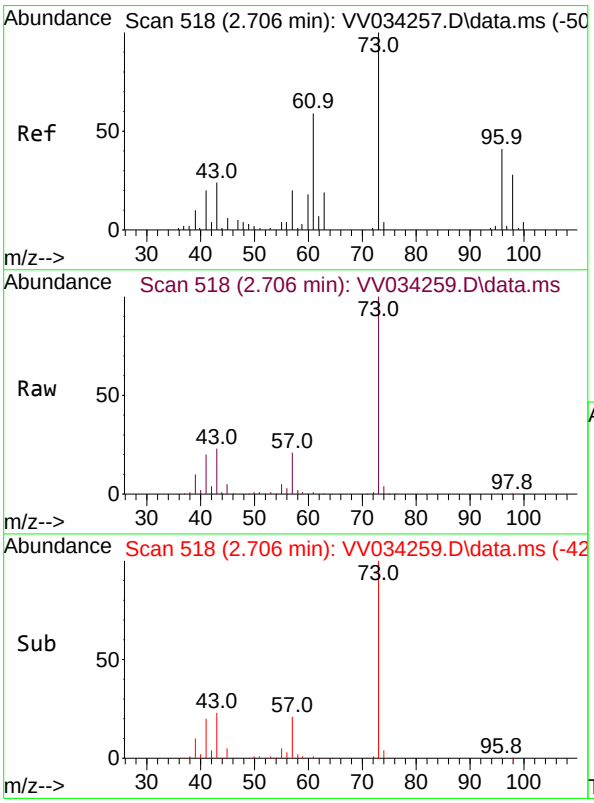
#16
Methylene chloride
Concen: 0.169 ug/L
RT: 2.449 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 939

Ion	Ratio	Lower	Upper
84	100		
86	67.6	44.7	83.1
49	138.7	93.7	173.9

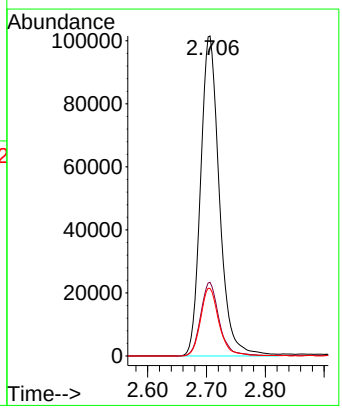


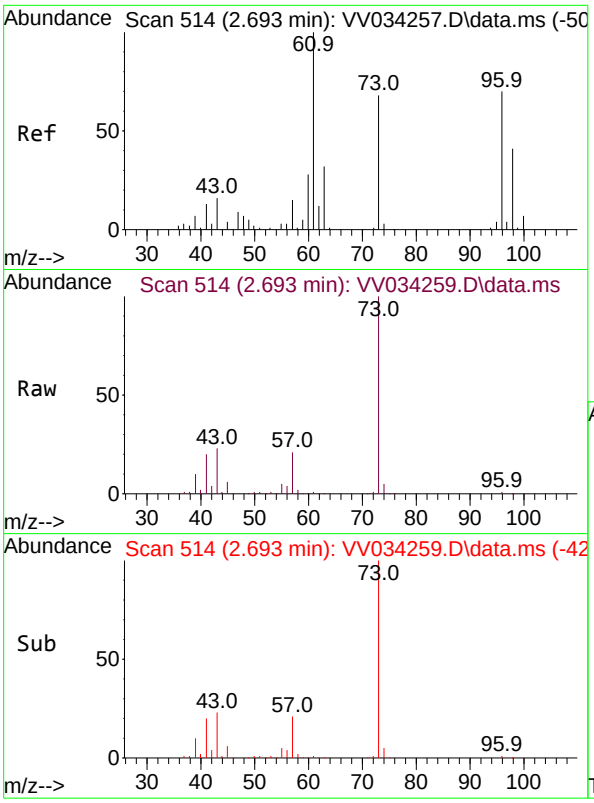


#17
Methyl tert-butyl Ether
Concen: 18.945 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Tgt Ion: 73 Resp: 225579

Ion	Ratio	Lower	Upper
73	100		
43	22.8	17.7	26.5
57	20.8	17.9	26.9



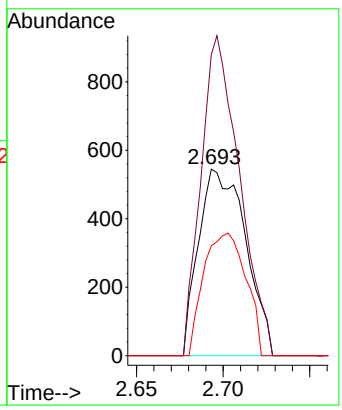


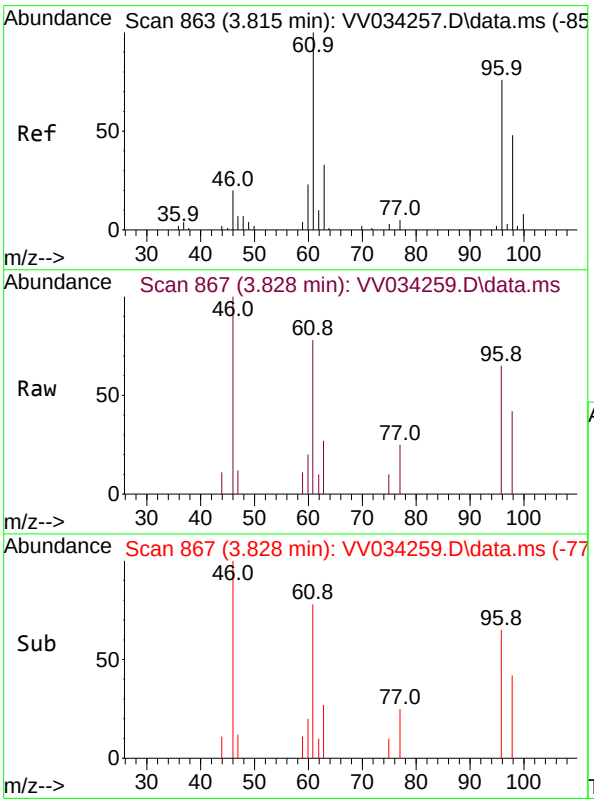
#18
trans-1,2-Dichloroethene
Concen: 0.174 ug/L
RT: 2.693 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1029

Ion	Ratio	Lower	Upper
96	100		
61	161.5	97.6	181.4
98	58.9	44.4	82.5

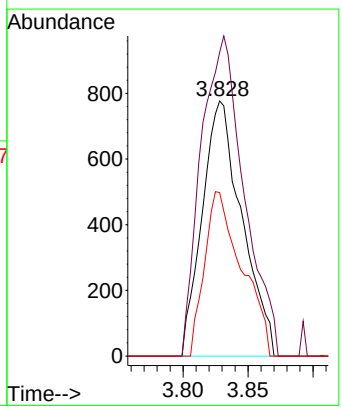


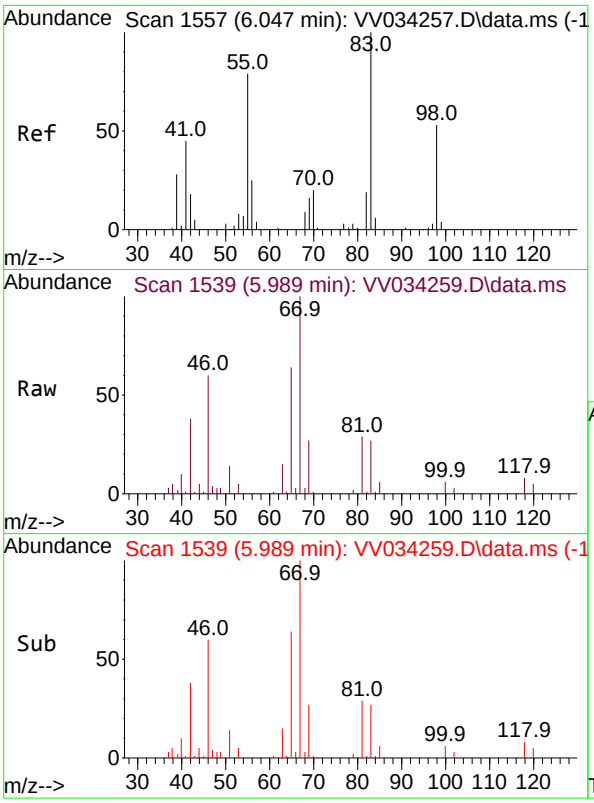


#22
cis-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.013 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Tgt Ion: 96 Resp: 1653

Ion	Ratio	Lower	Upper
96	100		
61	119.0	90.3	167.7
98	64.1	43.2	80.2



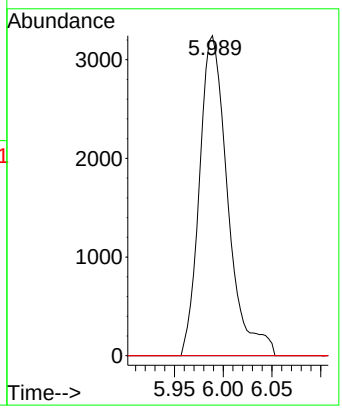


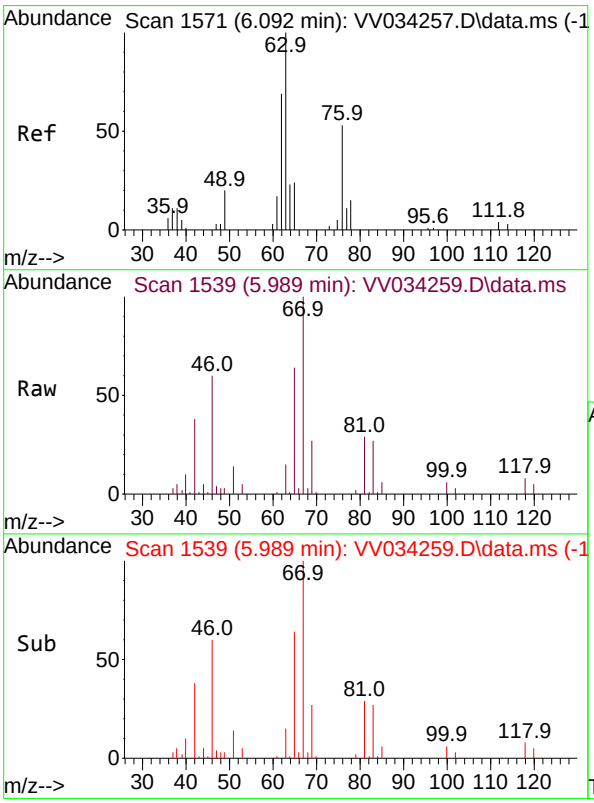
#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 5.989 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 6533

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

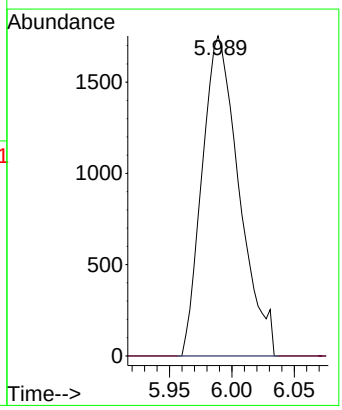


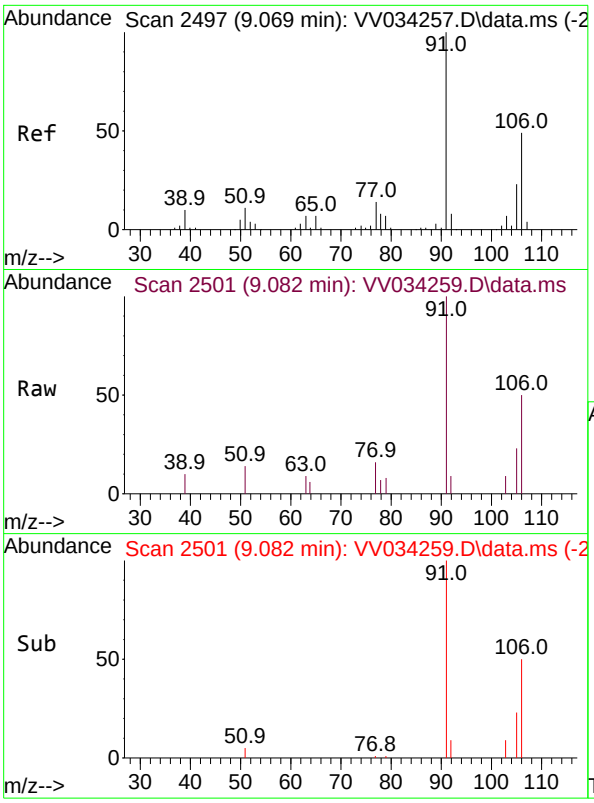


#37
1,2-Dichloropropane
Concen: 0.655 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Tgt Ion: 63 Resp: 3614

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



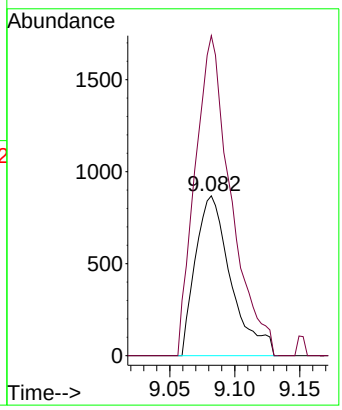


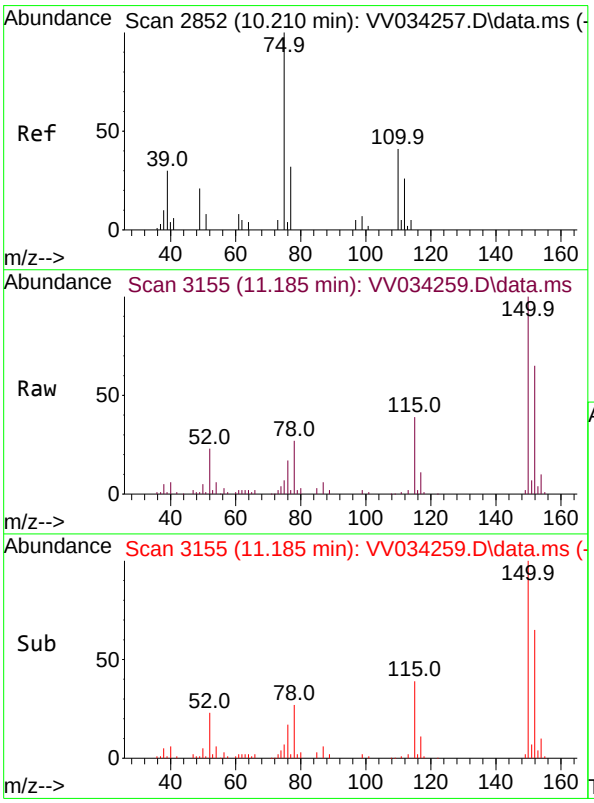
#53
m,p-Xylene
Concen: 0.155 ug/L
RT: 9.082 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1646

Ion	Ratio	Lower	Upper
106	100		
91	200.1	147.5	273.9





#61
1,2,3-Trichloropropane
Concen: 1.546 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034259.D
Acq: 20 Feb 2024 10:50

Tgt Ion: 75 Resp: 3906

Ion	Ratio	Lower	Upper
75	100		
77	38.7	26.9	40.3
110	0.0	33.3	49.9#