Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
Data File : VV030953.D
Acq On : 01 May 2023 14:16
Operator : SY/MD
Sample : 02488-11DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Quant Time: May 02 01:33:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	174218	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	169923	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	86728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	47380	3.301	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.000%			
7) Chloroethane-d5	1.536	69	38455	3.284	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 65.600%			
11) 1,1-Dichloroethene-d2	2.063	65	24276	3.196	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.000%			
20) 2-Butanone-d5	3.838	46	70250	27.599	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 55.200%			
24) Chloroform-d	4.262	84	91415	3.205	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 64.000%#			
26) 1,2-Dichloroethane-d4	4.953	65	48310	3.331	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.600%#			
32) Benzene-d6	4.970	84	158228	3.177	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 63.600%#			
36) 1,2-Dichloropropane-d6	5.995	67	45853	3.166	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 63.400%			
41) Toluene-d8	7.249	98	140957	2.972	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 59.400%#			
43) trans-1,3-Dichloroprop...	7.564	79	16342	3.010	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 60.200%			
46) 2-Hexanone-d5	8.037	63	54728	28.772	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 57.540%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32653	3.110	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 62.200%#			
66) 1,2-Dichlorobenzene-d4	11.567	152	54144	3.349	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 67.000%#			
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1405	0.087	ug/L	100
5) Vinyl chloride	1.285	62	1597	0.118	ug/L #	1
12) 1,1-Dichloroethene	2.076	96	18995	1.620	ug/L #	72
16) Methylene chloride	2.452	84	9961	0.751	ug/L	89
19) 1,1-Dichloroethane	3.121	63	3539	0.171	ug/L #	75
22) cis-1,2-Dichloroethene	3.828	96	10405	0.921	ug/L	95
25) Chloroform	4.288	83	11333	0.511	ug/L	98
29) 1,1,1-Trichloroethane	4.526	97	4653	0.218	ug/L	93
31) Carbon tetrachloride	4.744	117	3661	0.191	ug/L	95
34) Trichloroethene	5.841	95	77694	6.819	ug/L	98
35) Methylcyclohexane	5.995	83	12481	0.707	ug/L #	18
39) cis-1,3-Dichloropropene	6.921	75	1686	0.111	ug/L #	68
47) Tetrachloroethene	7.912	164	32286	2.970	ug/L	98
49) Dibromochloromethane	7.912	129	26700	2.821	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	9082	1.667	ug/L #	62

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
Data File : VV030953.D
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Operator : SY/MD
Sample : 02488-11DL 5X
Misc : 25.0mL/MSVOA_V/WATER
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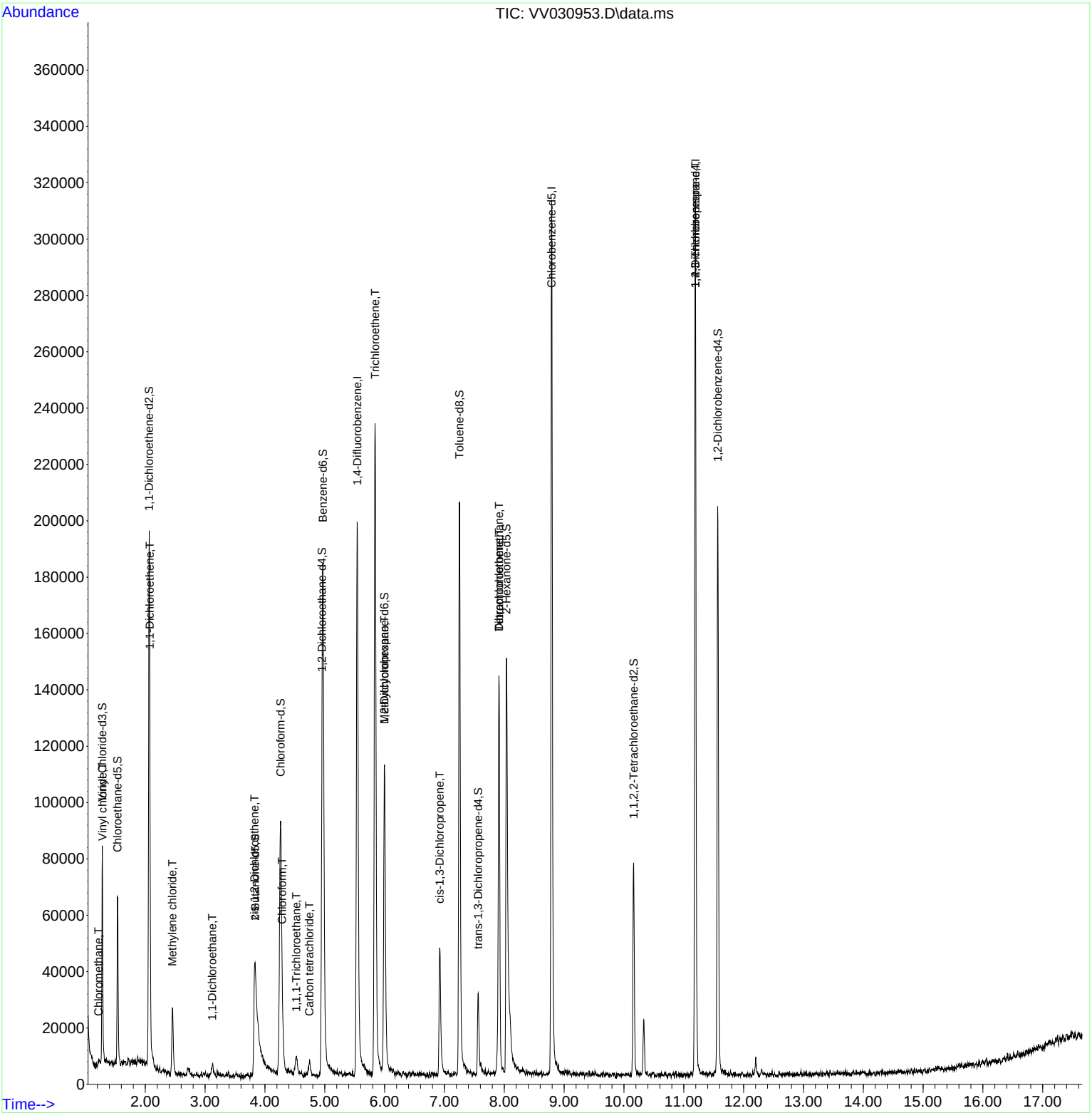
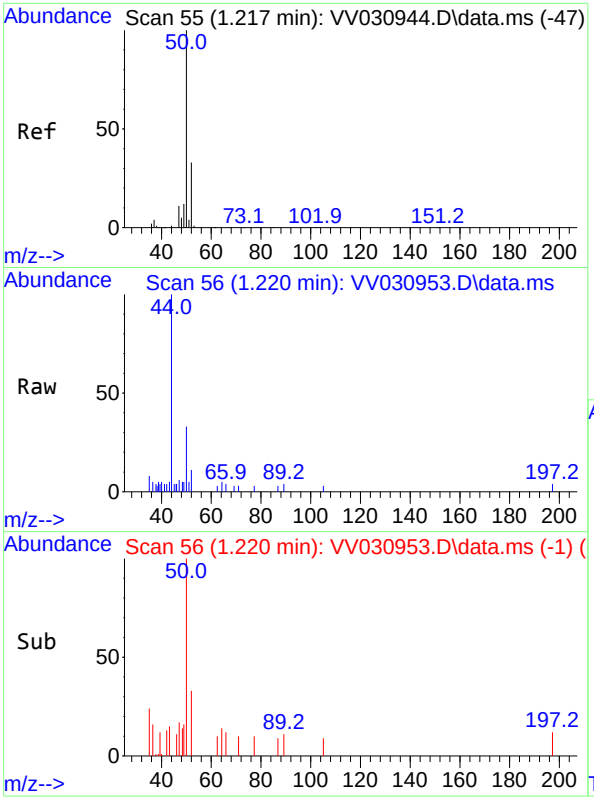
Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Quant Time: May 02 01:33:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration



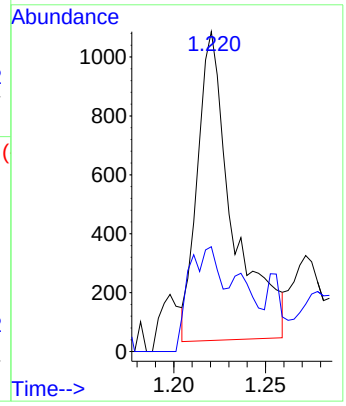


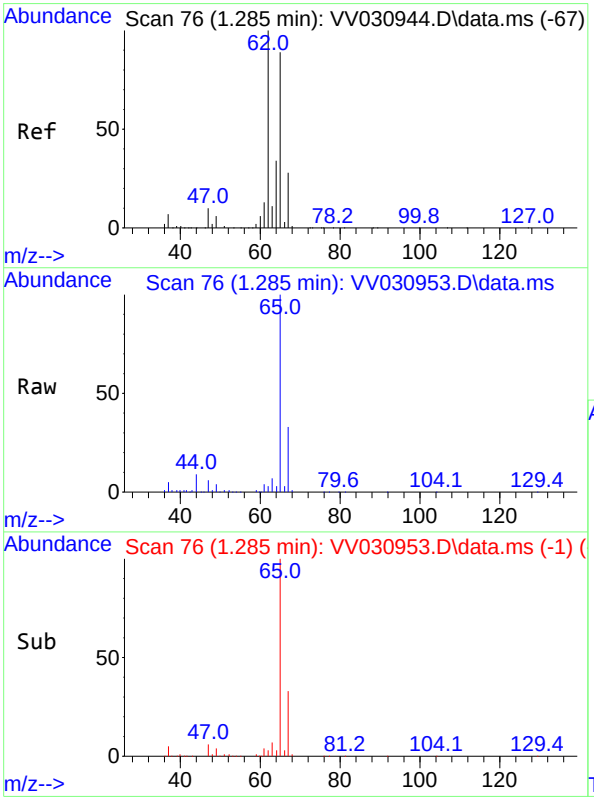
#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.220 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion: 50 Resp: 1405

Ion	Ratio	Lower	Upper
50	100		
52	32.8	22.8	42.4

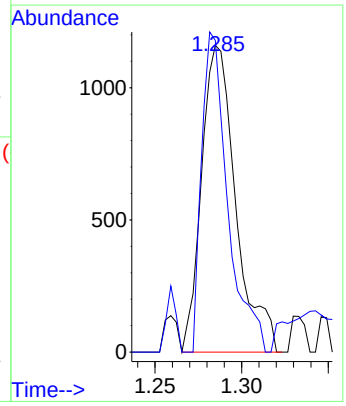


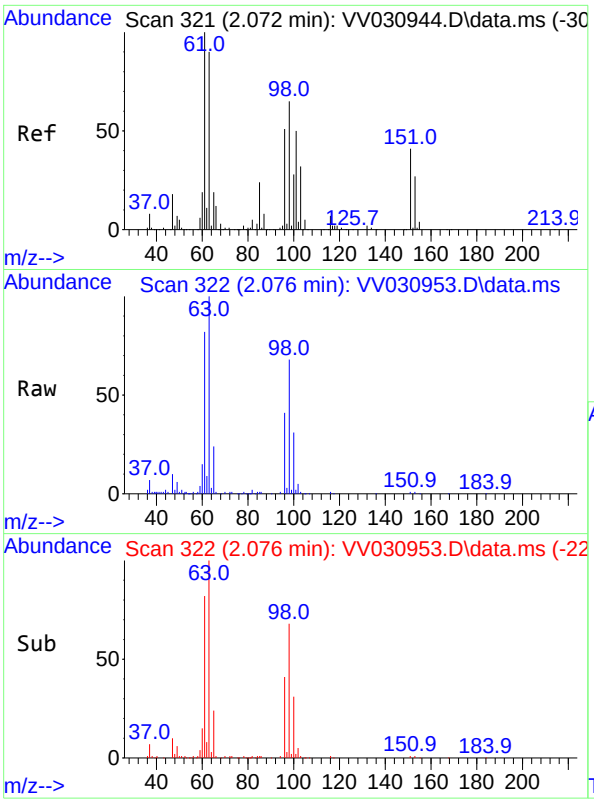


#5
Vinyl chloride
Concen: 0.118 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Tgt Ion: 62 Resp: 1597

Ion	Ratio	Lower	Upper
62	100		
64	101.6	22.8	42.4#



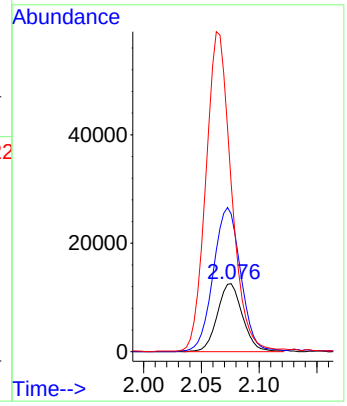


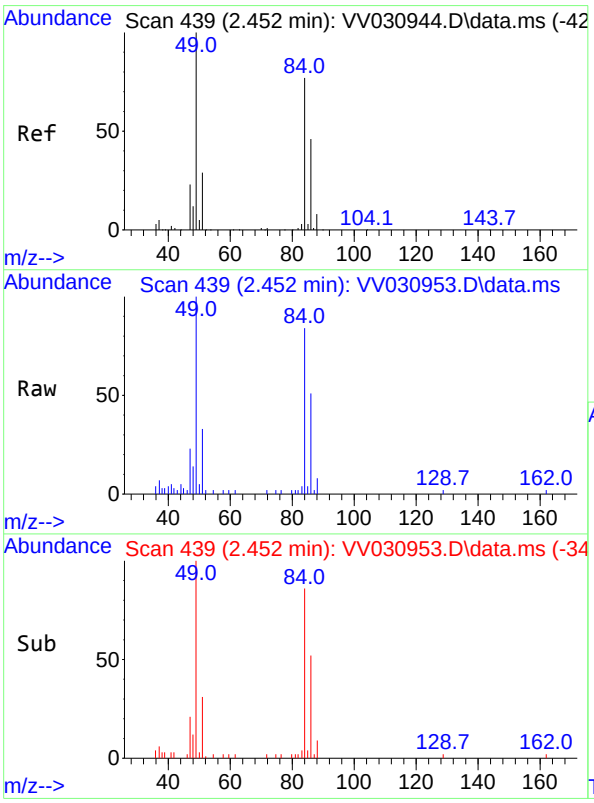
#12
1,1-Dichloroethene
Concen: 1.620 ug/L
RT: 2.076 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion: 96 Resp: 18995

Ion	Ratio	Lower	Upper
96	100		
61	202.3	135.6	251.8
63	246.9	121.1	224.9#

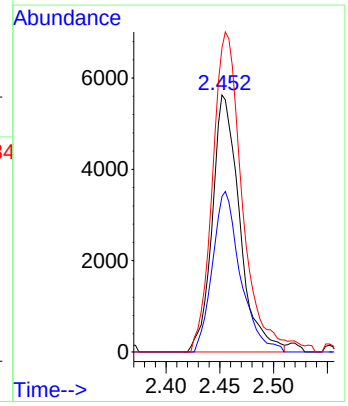


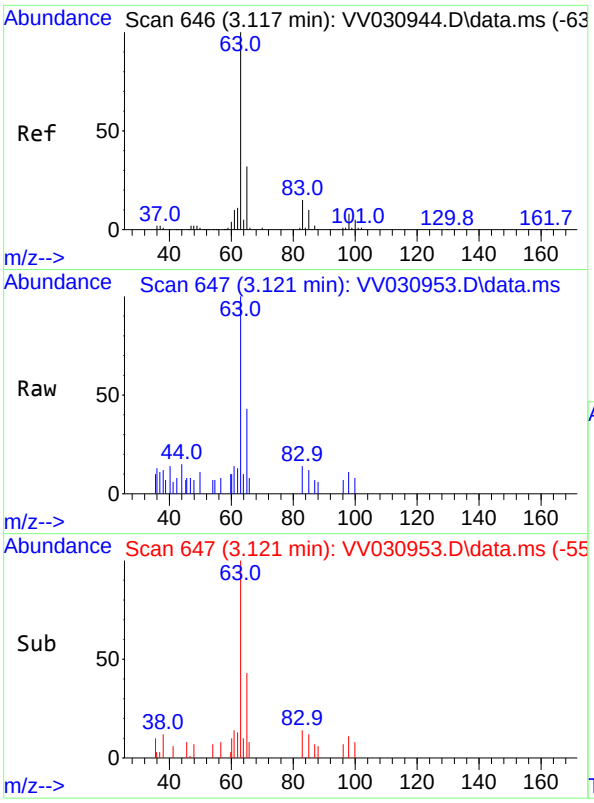


#16
Methylene chloride
Concen: 0.751 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Tgt Ion: 84 Resp: 9961

Ion	Ratio	Lower	Upper
84	100		
86	60.5	46.1	85.5
49	118.4	94.3	175.1



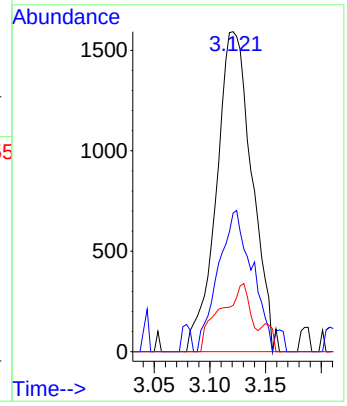


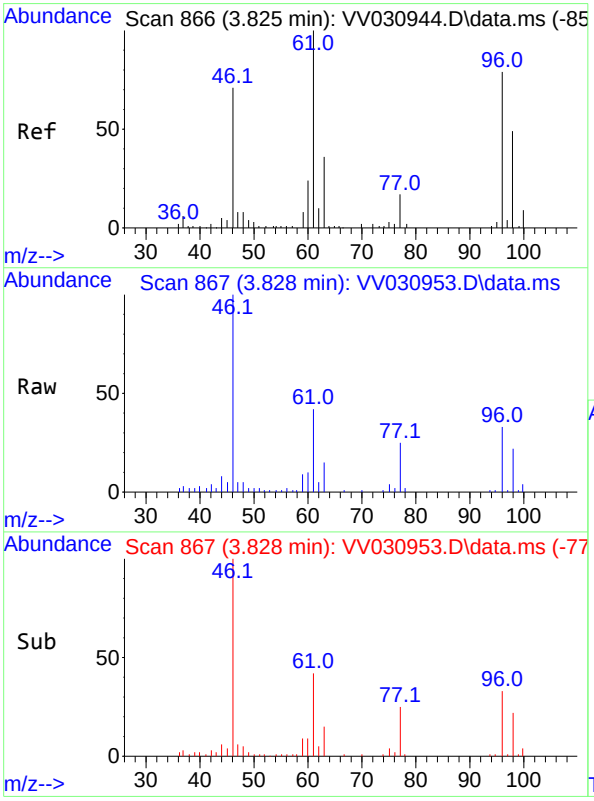
#19
1,1-Dichloroethane
Concen: 0.171 ug/L
RT: 3.121 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion: 63 Resp: 3539

Ion	Ratio	Lower	Upper
63	100		
65	51.5	21.8	40.6#
83	14.4	10.2	19.0

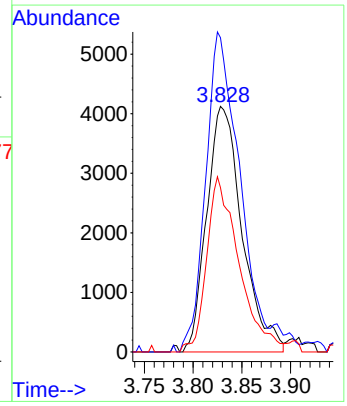


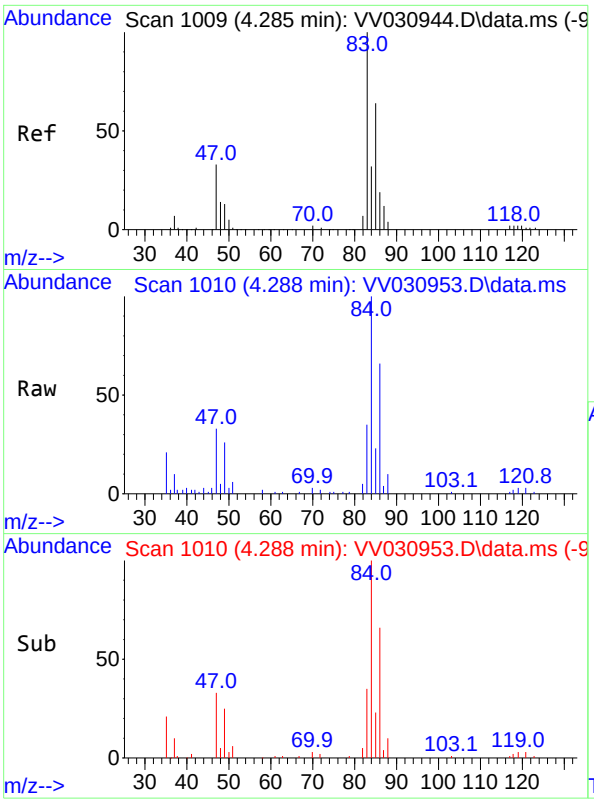


#22
cis-1,2-Dichloroethene
Concen: 0.921 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.000 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Tgt Ion: 96 Resp: 10405

Ion	Ratio	Lower	Upper
96	100		
61	128.0	86.0	159.6
98	66.9	43.2	80.2



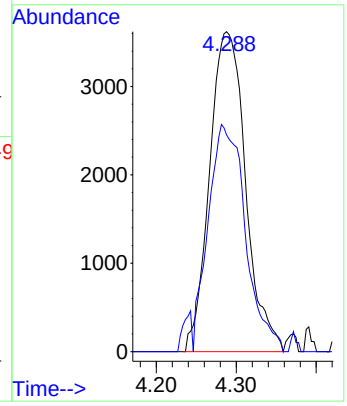


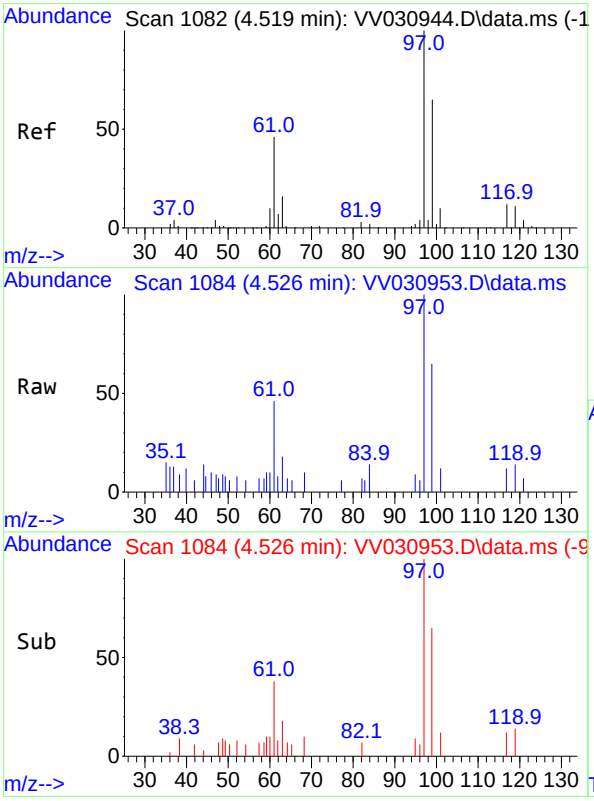
#25
Chloroform
Concen: 0.511 ug/L
RT: 4.288 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion: 83 Resp: 11333

Ion	Ratio	Lower	Upper
83	100		
85	67.7	46.4	86.2

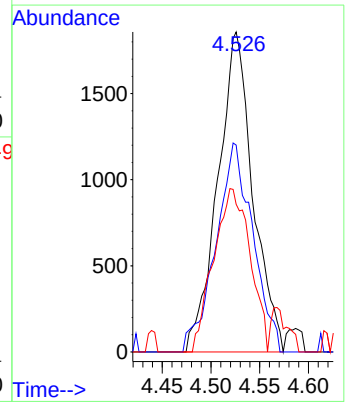


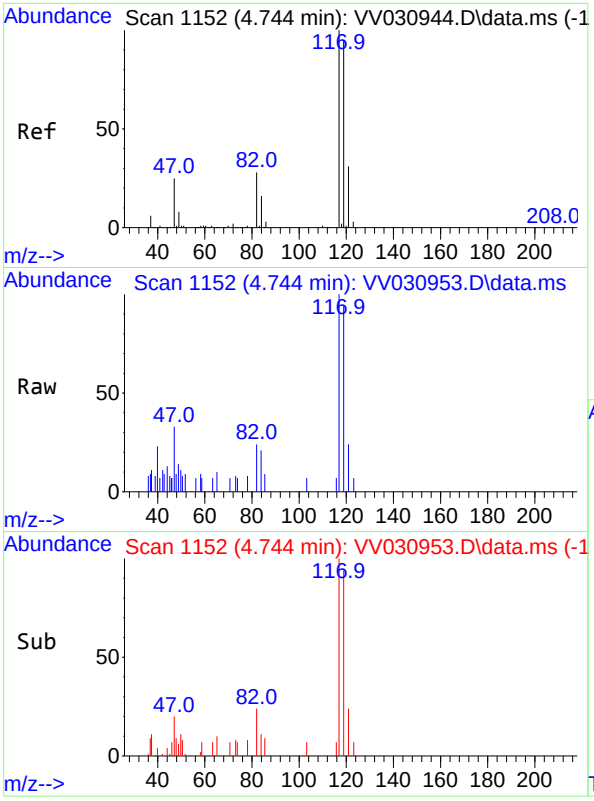


#29
1,1,1-Trichloroethane
Concen: 0.218 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Tgt Ion: 97 Resp: 4653

Ion	Ratio	Lower	Upper
97	100		
99	68.6	51.4	77.2
61	53.0	37.4	56.0



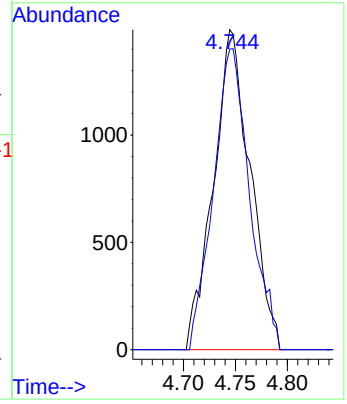


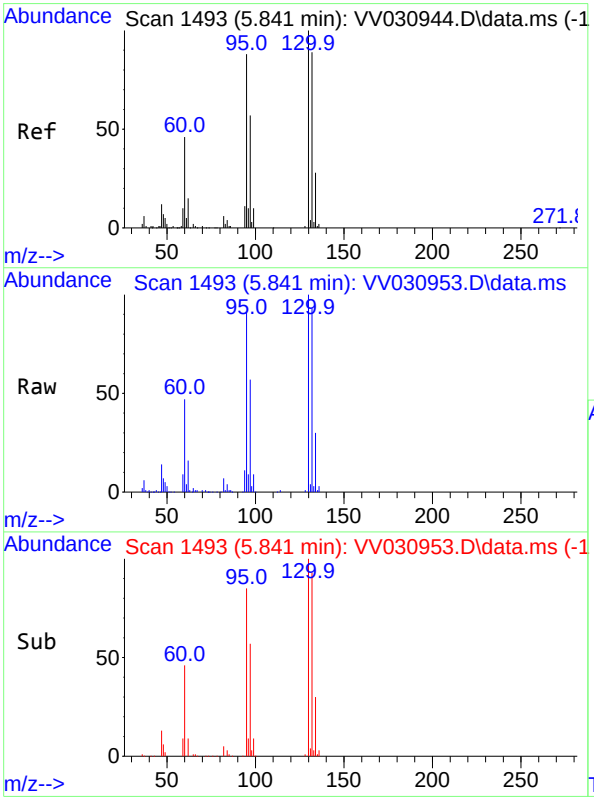
#31
Carbon tetrachloride
Concen: 0.191 ug/L
RT: 4.744 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion:117 Resp: 3661

Ion	Ratio	Lower	Upper
117	100		
119	92.8	78.4	117.6

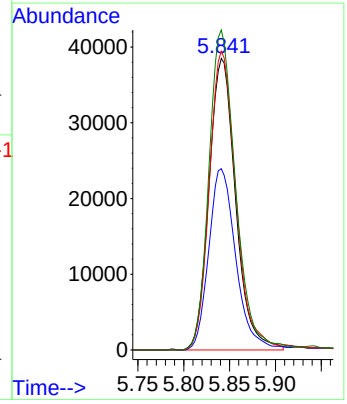


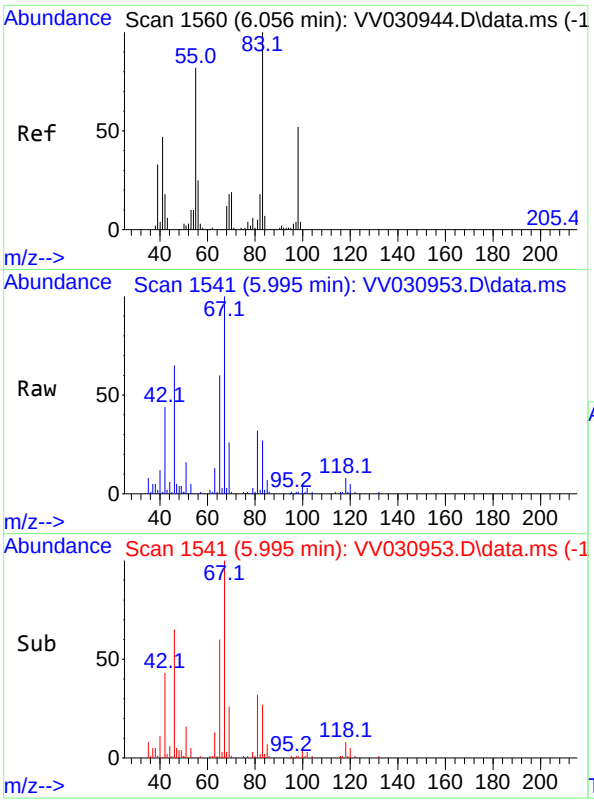


#34
Trichloroethene
Concen: 6.819 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Tgt Ion: 95 Resp: 77694

Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.2	85.8
132	102.5	72.7	135.1
130	109.8	75.7	140.5



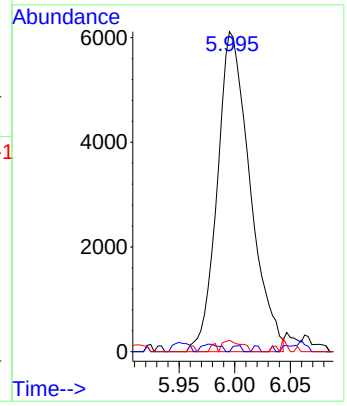


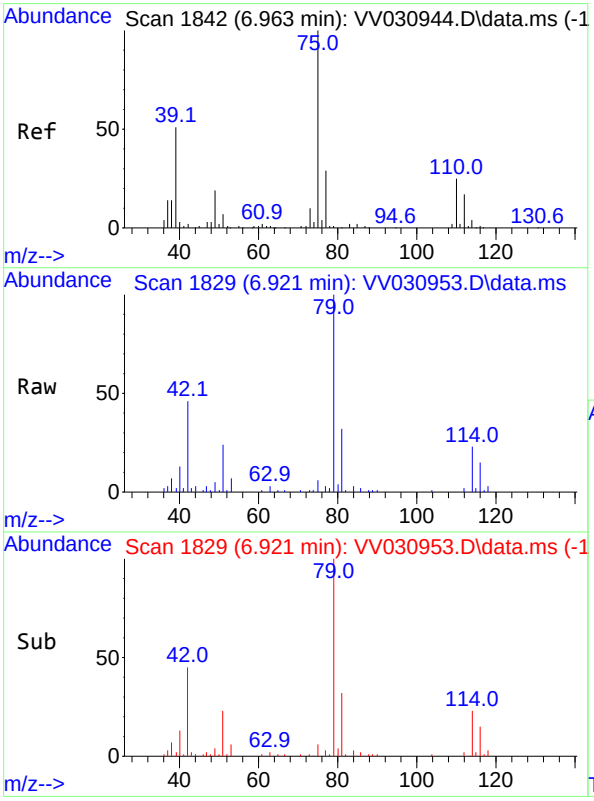
#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 5.995 min Scan# 1
Delta R.T. -0.064 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion: 83 Resp: 12481

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.9	94.3#
98	2.0	40.5	60.7#

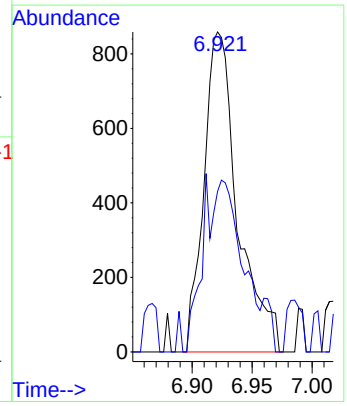


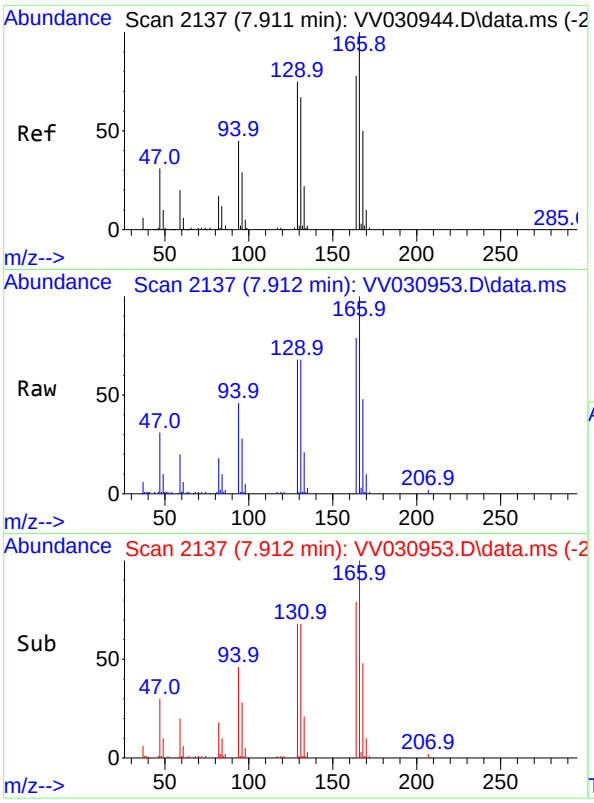


#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 6.921 min Scan# 1829
Delta R.T. -0.042 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Tgt Ion: 75 Resp: 1686

Ion	Ratio	Lower	Upper
75	100		
77	50.2	22.6	42.0#



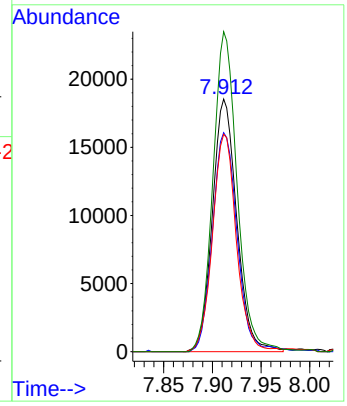


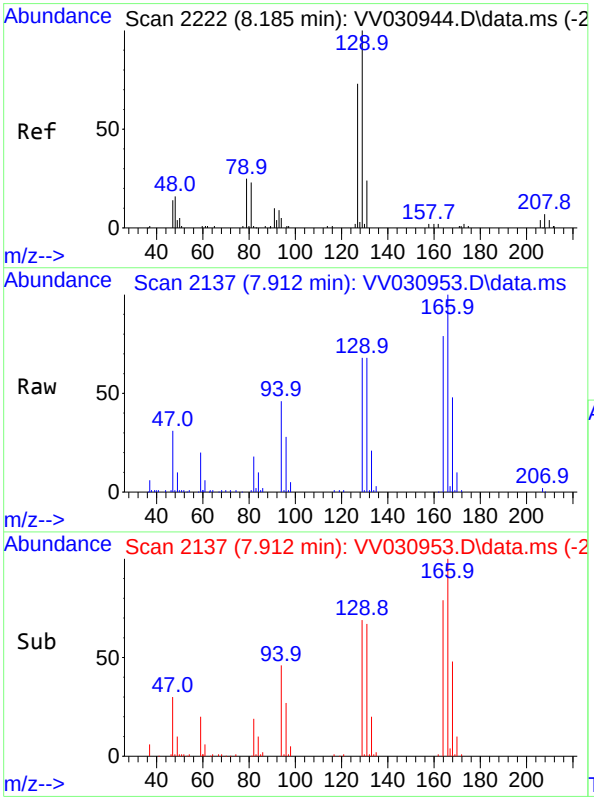
#47
Tetrachloroethene
Concen: 2.970 ug/L
RT: 7.912 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion:164 Resp: 32286

Ion	Ratio	Lower	Upper
164	100		
129	86.7	60.5	112.3
131	86.0	60.8	112.8
166	126.7	85.9	159.5

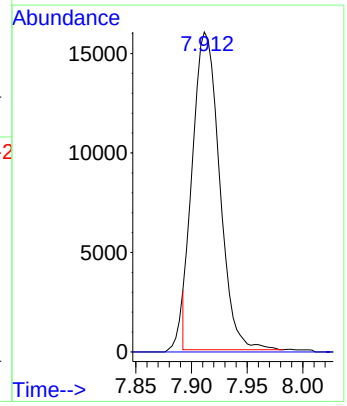


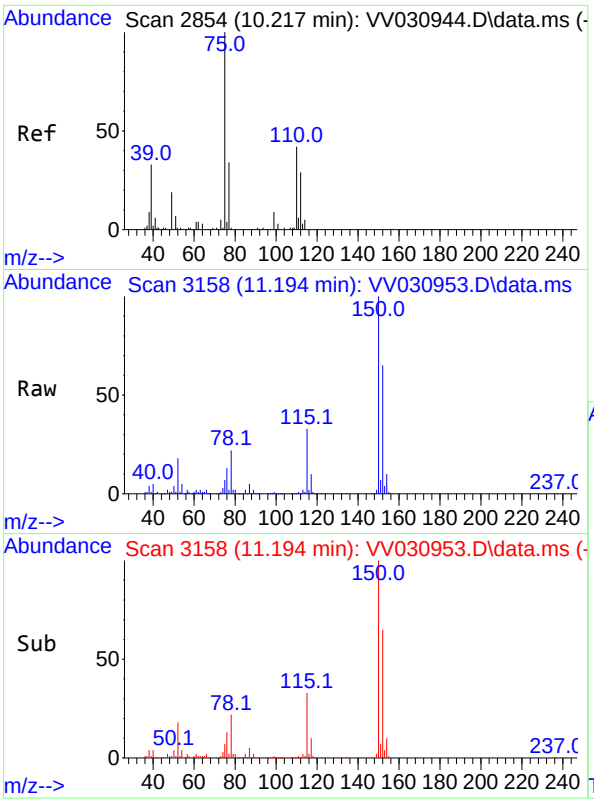


#49
Dibromochloromethane
Concen: 2.821 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Tgt Ion:129 Resp: 26700

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#





#61
1,2,3-Trichloropropane
Concen: 1.667 ug/L
RT: 11.194 min Scan# 3
Delta R.T. 0.978 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion: 75 Resp: 9082

Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.3	37.9
110	3.9	34.0	51.0#