Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051823\
Data File : VV031088.D
Acq On : 18 May 2023 11:36
Operator : SY/MD
Sample : 02822-03DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0NL4DL

Quant Time: May 19 05:35:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 19 05:32:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117835	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	117819	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30133	3.104	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.000%			
7) Chloroethane-d5	1.539	69	31521	3.980	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.600%			
11) 1,1-Dichloroethene-d2	2.063	65	17700	3.445	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.800%			
20) 2-Butanone-d5	3.828	46	86070	49.995	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.980%			
24) Chloroform-d	4.259	84	85026	4.407	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
26) 1,2-Dichloroethane-d4	4.953	65	46716	4.763	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
32) Benzene-d6	4.969	84	138718	4.017	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.400%			
36) 1,2-Dichloropropane-d6	5.998	67	44859	4.467	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.400%			
41) Toluene-d8	7.249	98	112300	3.415	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.200%#			
43) trans-1,3-Dichloroprop...	7.561	79	14866	3.949	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.000%			
46) 2-Hexanone-d5	8.037	63	59092	44.805	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.620%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33878	4.654	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.000%			
66) 1,2-Dichlorobenzene-d4	11.567	152	46782	4.302	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.000%			
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1408	0.129	ug/L	92
5) Vinyl chloride	1.285	62	758	0.083	ug/L #	1
16) Methylene chloride	2.458	84	4676	0.521	ug/L	95
22) cis-1,2-Dichloroethene	3.831	96	3451	0.452	ug/L #	85
34) Trichloroethene	5.838	95	88969	11.262	ug/L	98
35) Methylcyclohexane	5.998	83	12910	1.054	ug/L #	20
37) 1,2-Dichloropropane	6.098	63	577	0.082	ug/L #	96
48) 2-Hexanone	8.098	43	7640	2.735	ug/L #	86

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 19 05:32:32 2023
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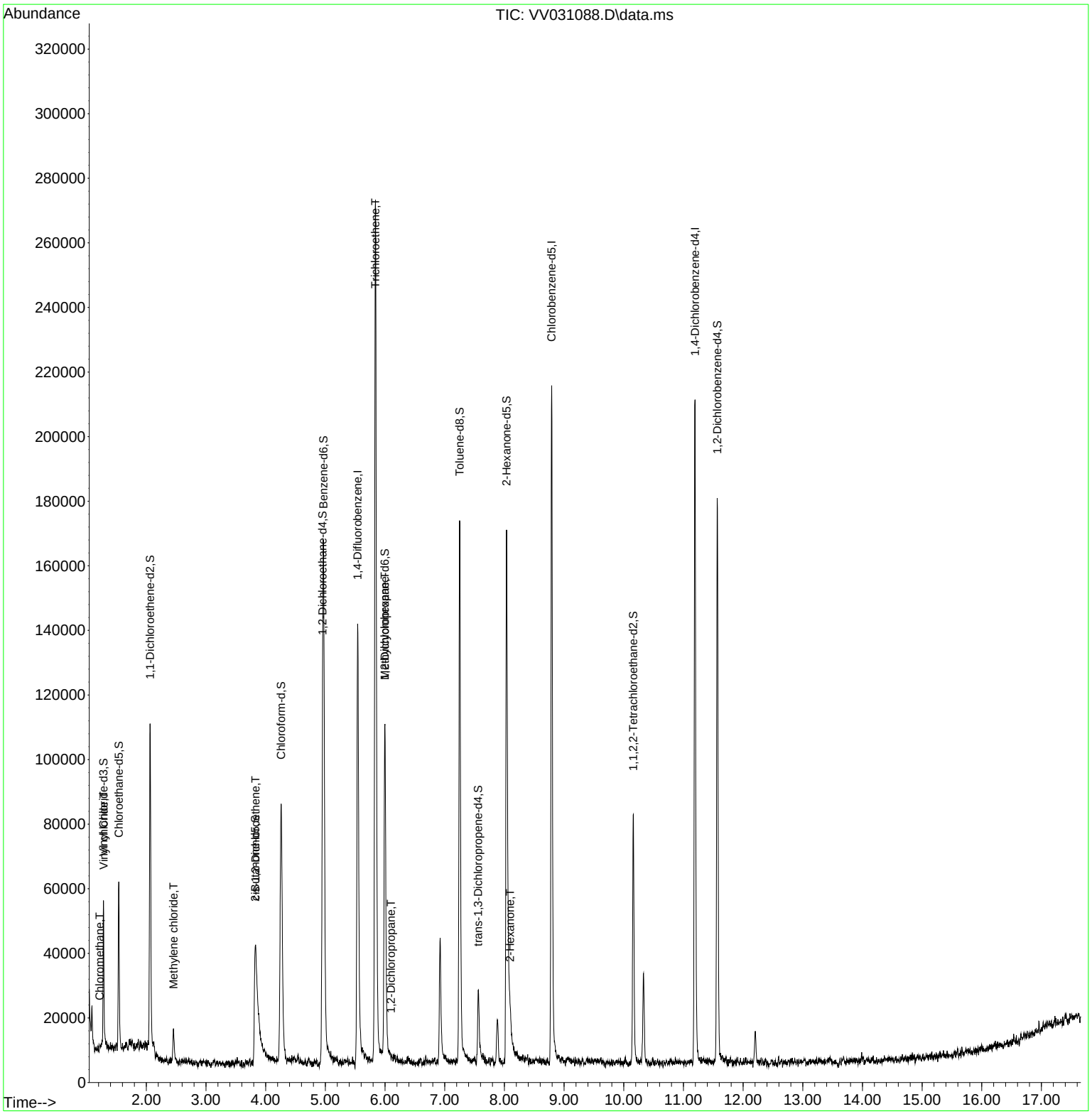
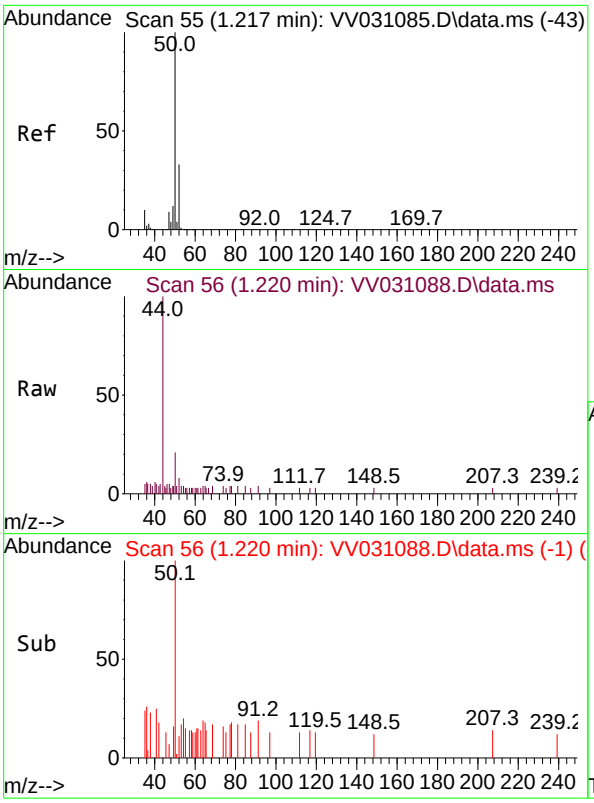


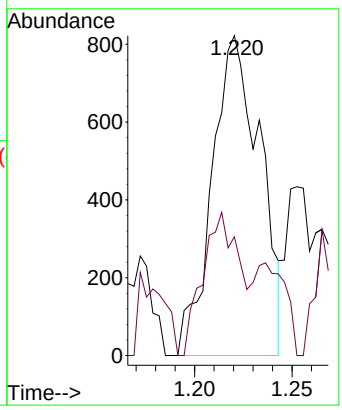


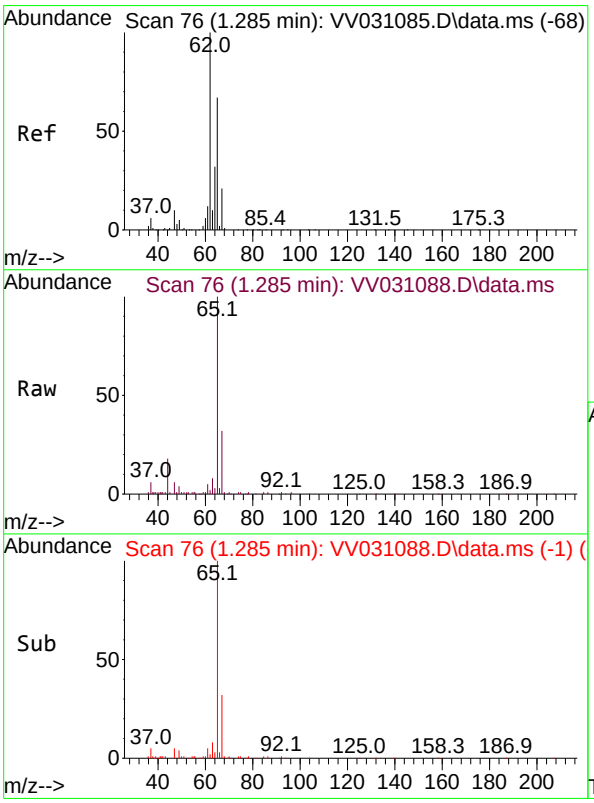
#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.220 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV031088.D
Acq: 18 May 2023 11:36

Instrument :
MSVOA_V
ClientSampleId :
C0NL4DL

Tgt Ion: 50 Resp: 1408

Ion	Ratio	Lower	Upper
50	100		
52	37.1	22.8	42.4

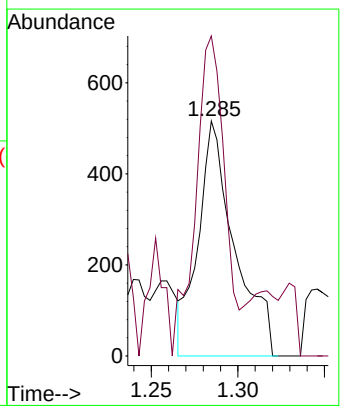


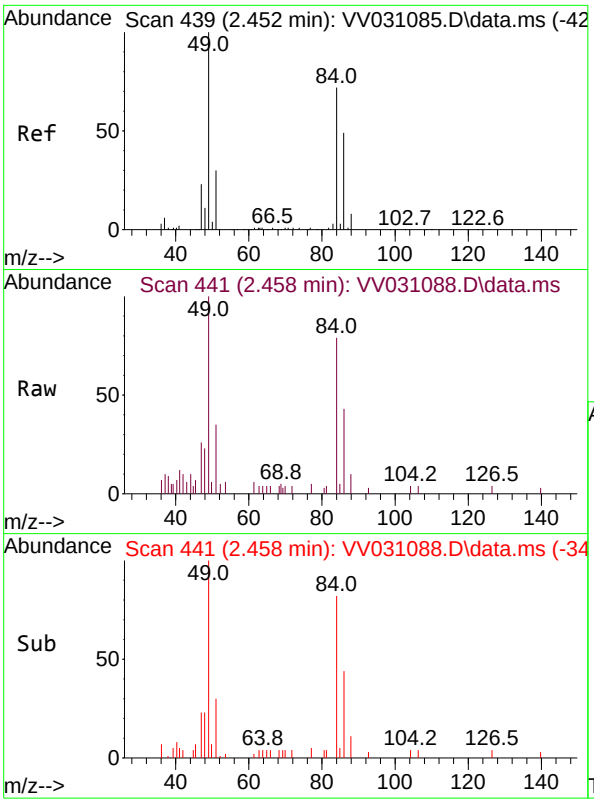


#5
Vinyl chloride
Concen: 0.083 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV031088.D
Acq: 18 May 2023 11:36

Tgt Ion: 62 Resp: 758

Ion	Ratio	Lower	Upper
62	100		
64	136.2	22.8	42.4#



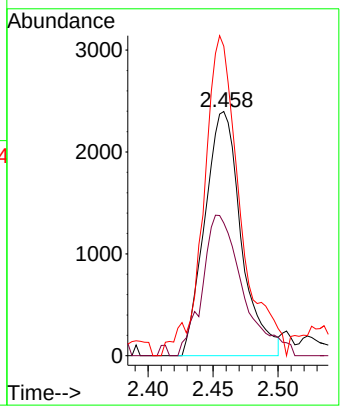


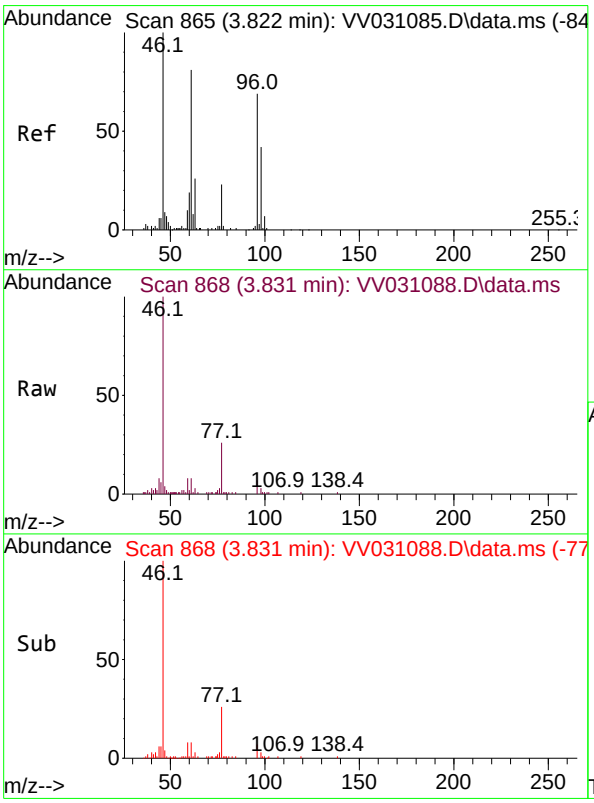
#16
Methylene chloride
Concen: 0.521 ug/L
RT: 2.458 min Scan# 44
Delta R.T. 0.006 min
Lab File: VV031088.D
Acq: 18 May 2023 11:36

Instrument :
MSVOA_V
ClientSampleId :
C0NL4DL

Tgt Ion: 84 Resp: 4676

Ion	Ratio	Lower	Upper
84	100		
86	54.4	46.1	85.5
49	135.0	94.3	175.1

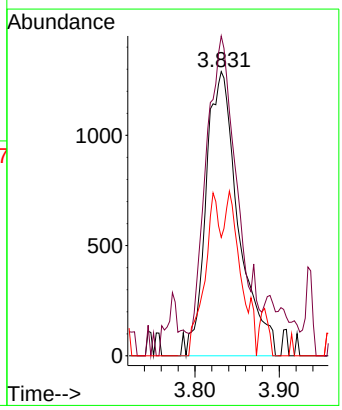


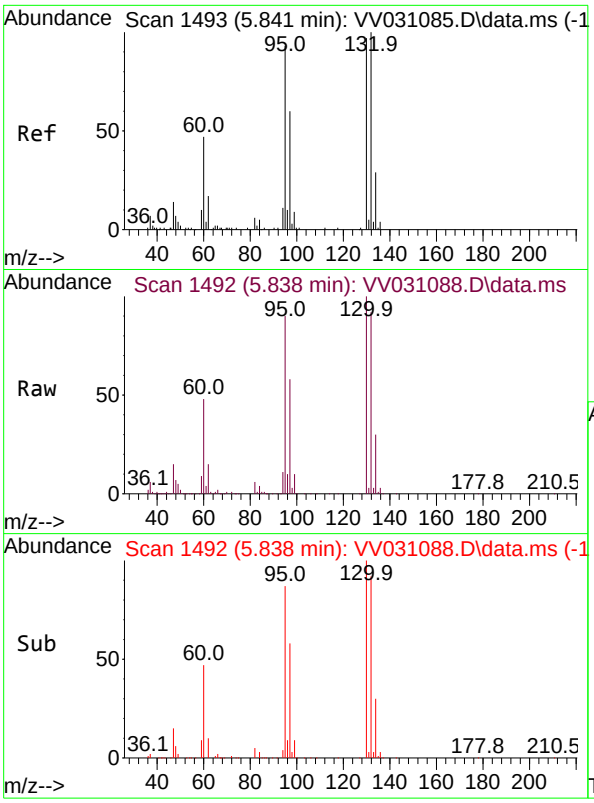


#22
cis-1,2-Dichloroethene
Concen: 0.452 ug/L
RT: 3.831 min Scan# 868
Delta R.T. 0.010 min
Lab File: VV031088.D
Acq: 18 May 2023 11:36

Tgt Ion: 96 Resp: 3451

Ion	Ratio	Lower	Upper
96	100		
61	112.6	86.0	159.6
98	41.7	43.2	80.2#



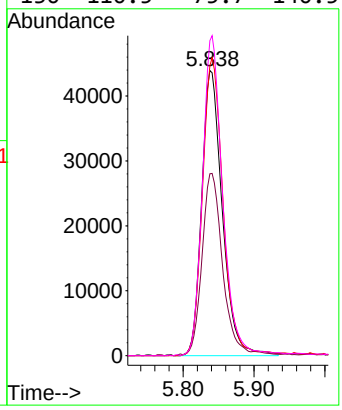


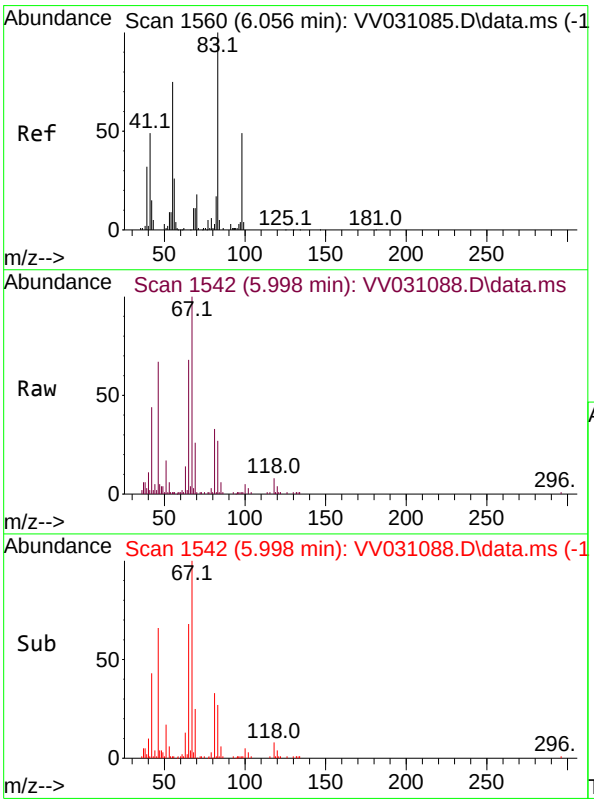
#34
Trichloroethene
Concen: 11.262 ug/L
RT: 5.838 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV031088.D
Acq: 18 May 2023 11:36

Instrument :
MSVOA_V
ClientSampleId :
C0NL4DL

Tgt Ion: 95 Resp: 88969

Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.2	85.8
132	101.7	72.7	135.1
130	110.5	75.7	140.5

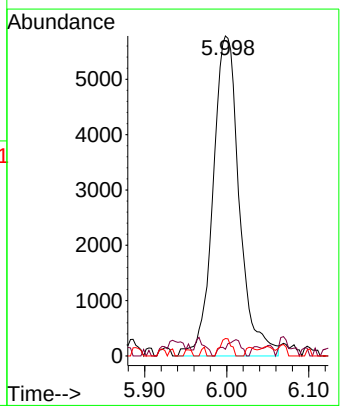


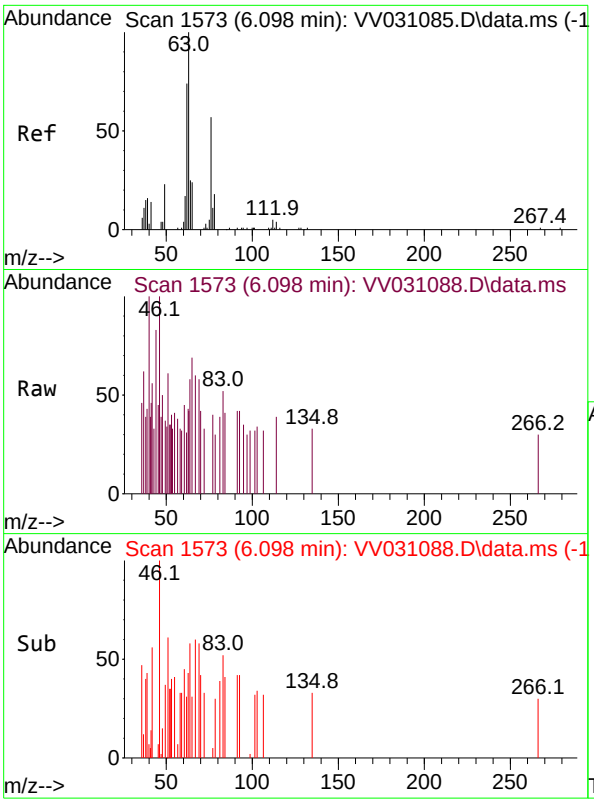


#35
Methylcyclohexane
Concen: 1.054 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV031088.D
Acq: 18 May 2023 11:36

Tgt Ion: 83 Resp: 12910

Ion	Ratio	Lower	Upper
83	100		
55	3.2	62.9	94.3#
98	2.3	40.5	60.7#



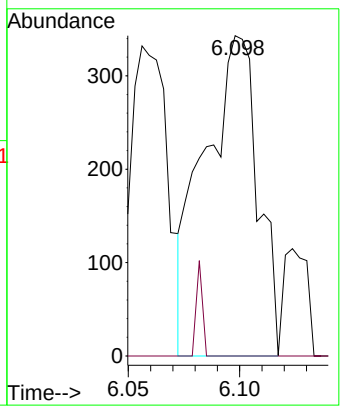


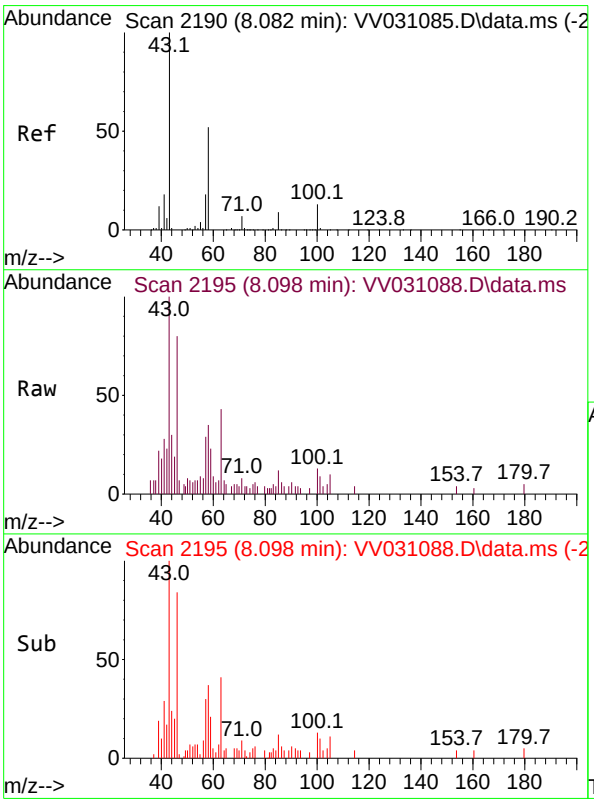
#37
1,2-Dichloropropane
Concen: 0.082 ug/L
RT: 6.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV031088.D
Acq: 18 May 2023 11:36

Instrument :
MSVOA_V
ClientSampleId :
C0NL4DL

Tgt Ion: 63 Resp: 577

Ion	Ratio	Lower	Upper
63	100		
112	3.5	3.8	5.8#





#48
2-Hexanone
Concen: 2.735 ug/L
RT: 8.098 min Scan# 2195
Delta R.T. 0.016 min
Lab File: VV031088.D
Acq: 18 May 2023 11:36

Tgt Ion: 43 Resp: 7640

Ion	Ratio	Lower	Upper
43	100		
58	41.9	39.9	59.9
57	29.3	14.1	21.1#
100	9.9	9.7	14.5