Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033893.D
Acq On : 26 Jan 2024 17:57
Operator : SY/MD
Sample : 01252-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 29 02:04:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 29 01:58:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	232249	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	216324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	108268	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	66349	37.171	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.340%			
7) Chloroethane-d5	1.529	69	53352	37.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.480%			
11) 1,1-Dichloroethene-d2	2.060	65	29470	38.363	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.720%			
21) 2-Butanone-d5	3.786	46	85906	70.167	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 70.170%			
24) Chloroform-d	4.249	84	116362	36.458	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.920%			
26) 1,2-Dichloroethane-d4	4.941	65	82546	40.028	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.060%			
32) Benzene-d6	4.960	84	225162	36.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.220%			
36) 1,2-Dichloropropane-d6	5.989	67	71687	35.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 70.820%			
41) Toluene-d8	7.243	98	203010	36.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.280%#			
43) trans-1,3-Dichloroprop...	7.555	79	35133	35.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.240%			
47) 2-Hexanone-d5	8.024	63	67683	80.604	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.600%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	98371	38.064	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 76.120%			
66) 1,2-Dichlorobenzene-d4	11.561	152	80197	39.041	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.080%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	116273	55.320	ug/L	95
8) Chloroethane	1.285	64	103669	82.716	ug/L #	48
17) trans-1,2-Dichloroethene	2.699	96	2204	1.416	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	143104	82.582	ug/L	94
34) Trichloroethene	5.844	95	2872	1.685	ug/L	92
35) Methylcyclohexane	5.989	83	17224	5.905	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	8990	5.142	ug/L #	88
39) cis-1,3-Dichloropropene	6.915	75	2627	0.900	ug/L #	78
61) 1,2,3-Trichloropropane	11.185	75	13413	6.981	ug/L #	66

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

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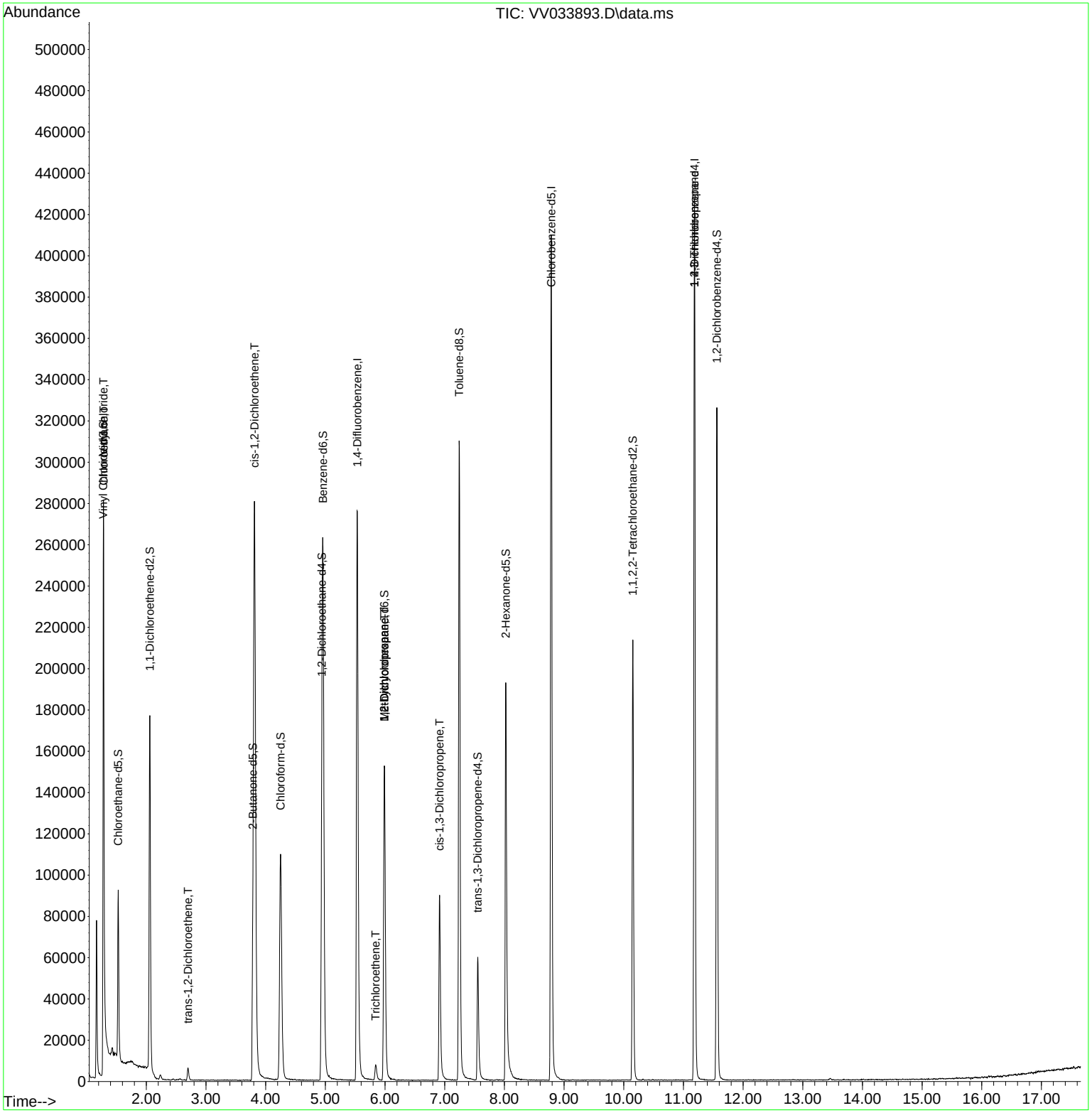
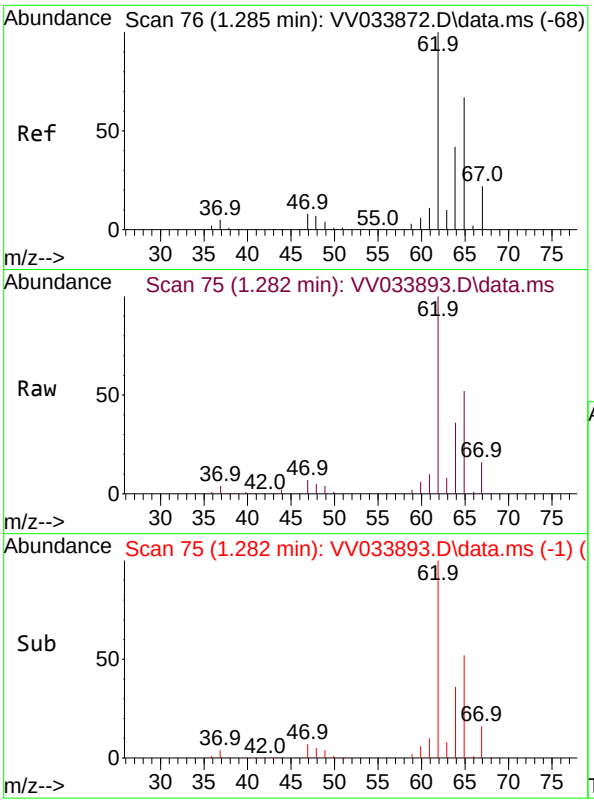
Quant Title : VOC Analysis
QLast Update : Mon Jan 29 01:58:36 2024
Response via : Initial Calibration



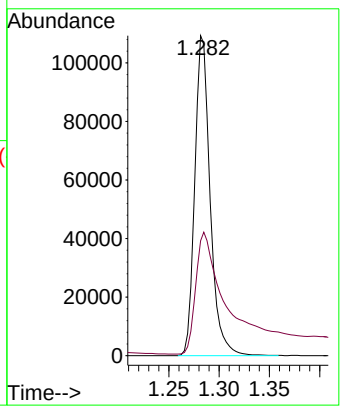


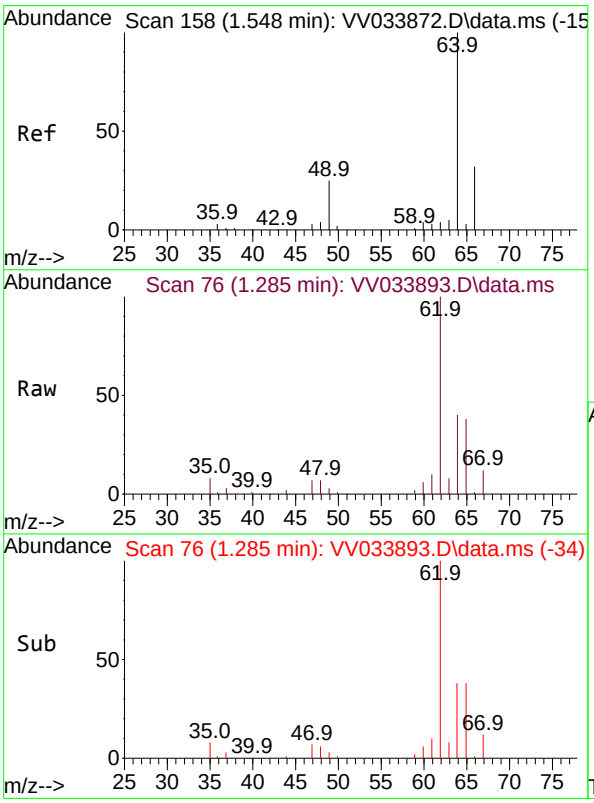
#5
Vinyl chloride
Concen: 55.320 ug/L
RT: 1.282 min Scan# 7
Delta R.T. -0.003 min
Lab File: VV033893.D
Acq: 26 Jan 2024 17:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 116273

Ion	Ratio	Lower	Upper
62	100		
64	35.9	23.2	43.0

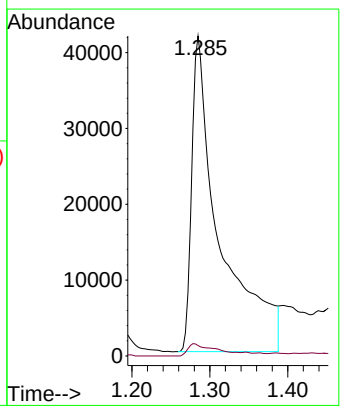


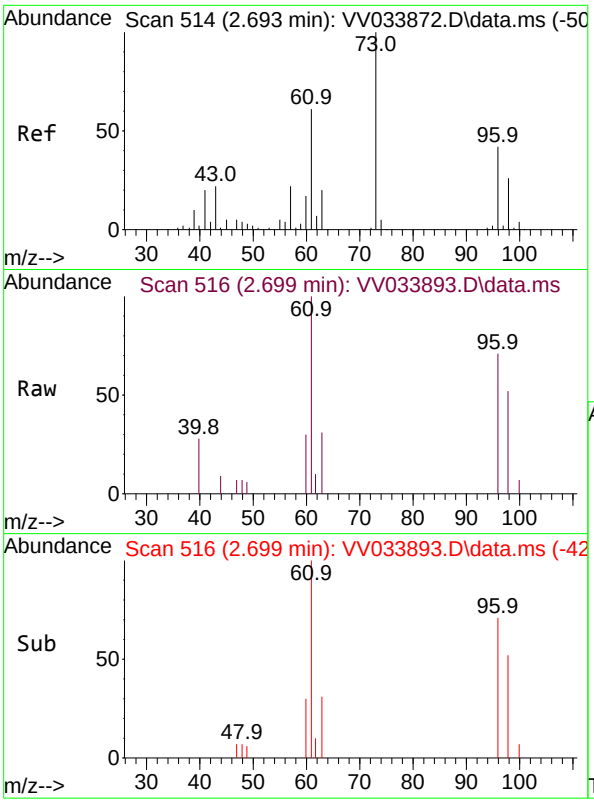


#8
Chloroethane
Concen: 82.716 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.264 min
Lab File: VV033893.D
Acq: 26 Jan 2024 17:57

Tgt Ion: 64 Resp: 103669

Ion	Ratio	Lower	Upper
64	100		
66	3.2	22.5	41.9#



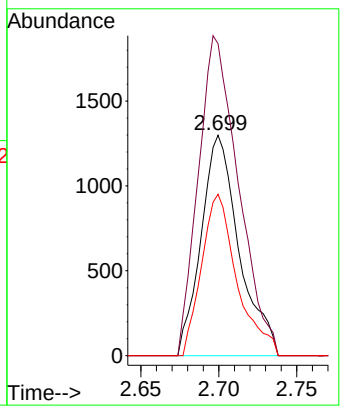


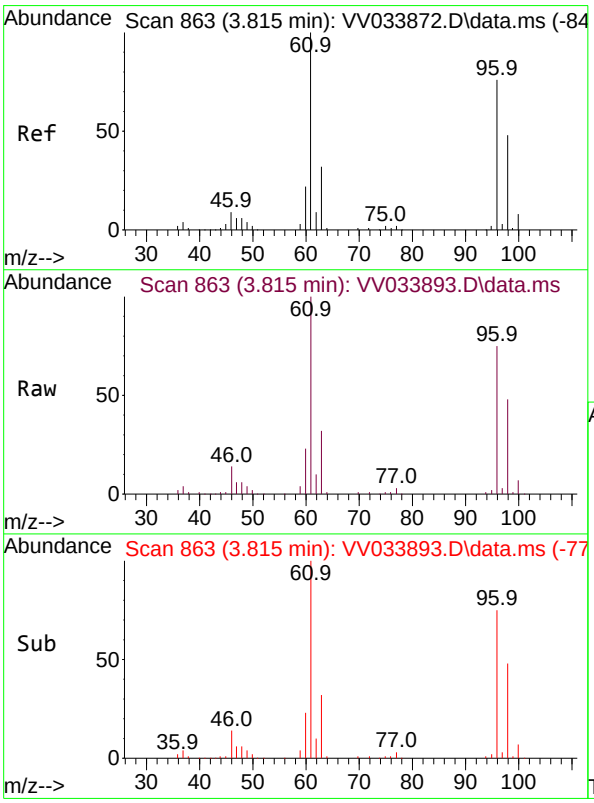
#17
trans-1,2-Dichloroethene
Concen: 1.416 ug/L
RT: 2.699 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV033893.D
Acq: 26 Jan 2024 17:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2204

Ion	Ratio	Lower	Upper
96	100		
61	155.6	108.4	201.4
98	73.2	43.8	81.4

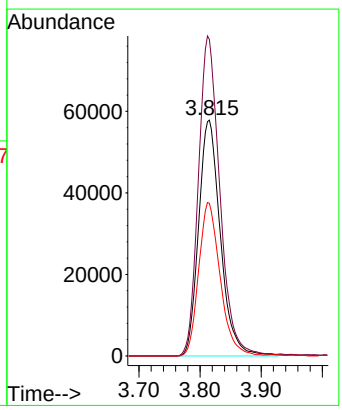


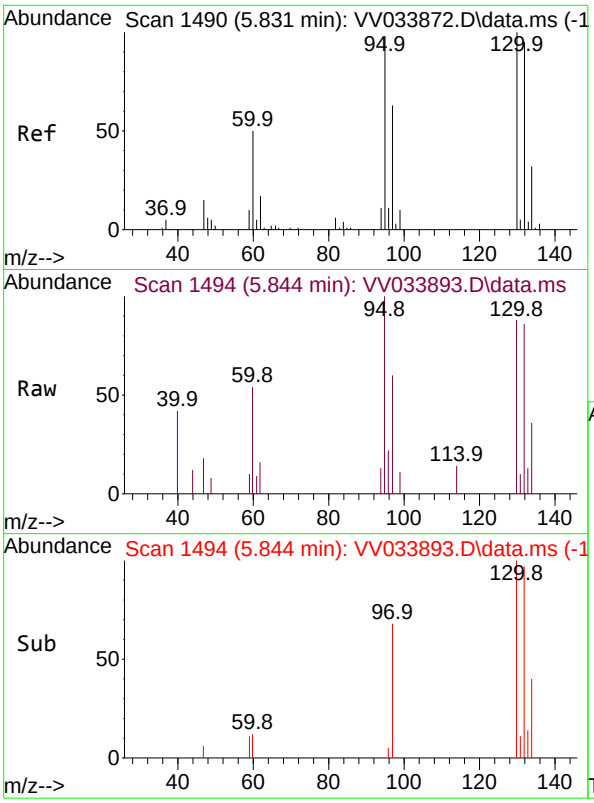


#20
cis-1,2-Dichloroethene
Concen: 82.582 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV033893.D
Acq: 26 Jan 2024 17:57

Tgt Ion: 96 Resp: 143104

Ion	Ratio	Lower	Upper
96	100		
61	134.2	100.6	186.8
98	64.7	44.6	82.8



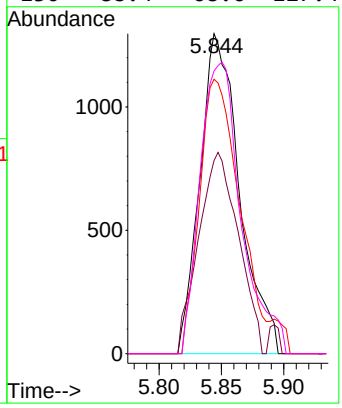


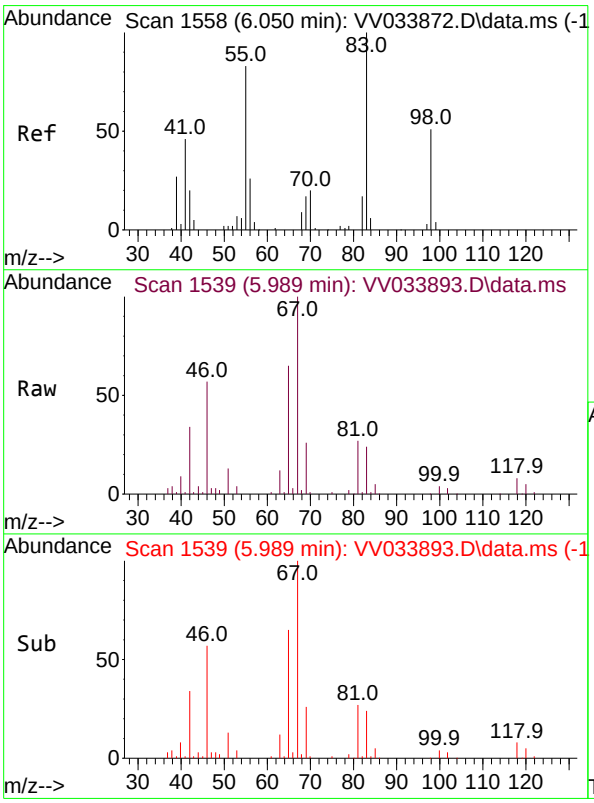
#34
Trichloroethene
Concen: 1.685 ug/L
RT: 5.844 min Scan# 14
Delta R.T. 0.013 min
Lab File: VV033893.D
Acq: 26 Jan 2024 17:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2872

Ion	Ratio	Lower	Upper
95	100		
97	60.4	44.4	82.4
132	85.7	65.5	121.7
130	88.4	68.6	127.4

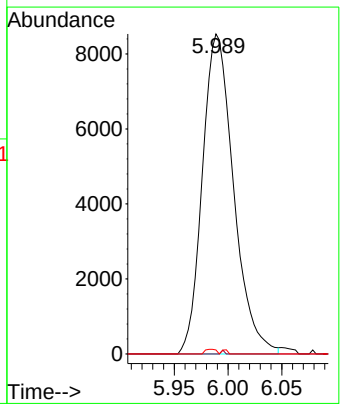


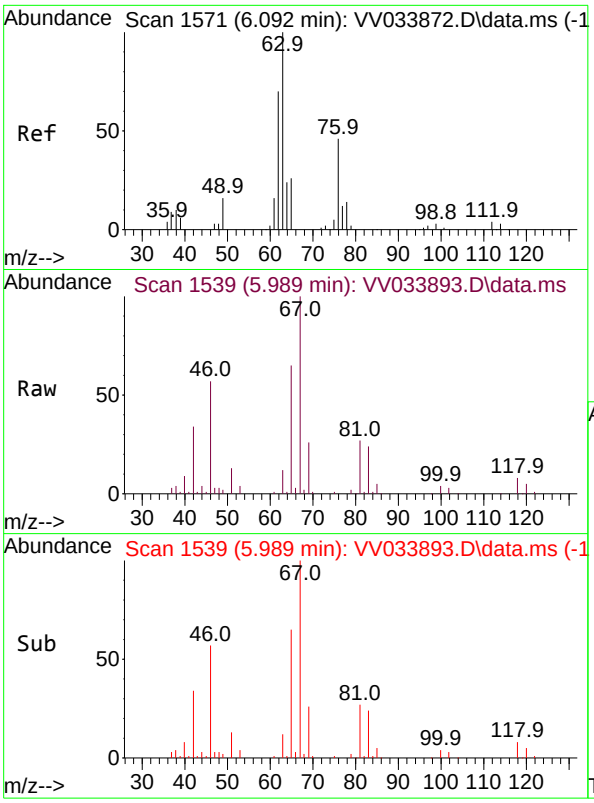


#35
Methylcyclohexane
Concen: 5.905 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV033893.D
Acq: 26 Jan 2024 17:57

Tgt Ion: 83 Resp: 17224

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.1	100.7#
98	0.5	37.7	56.5#



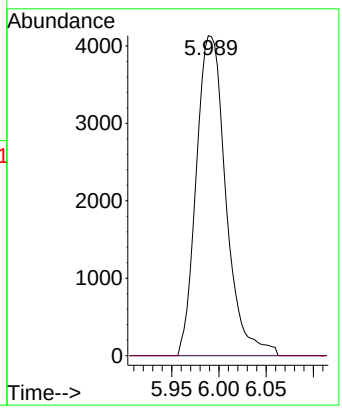


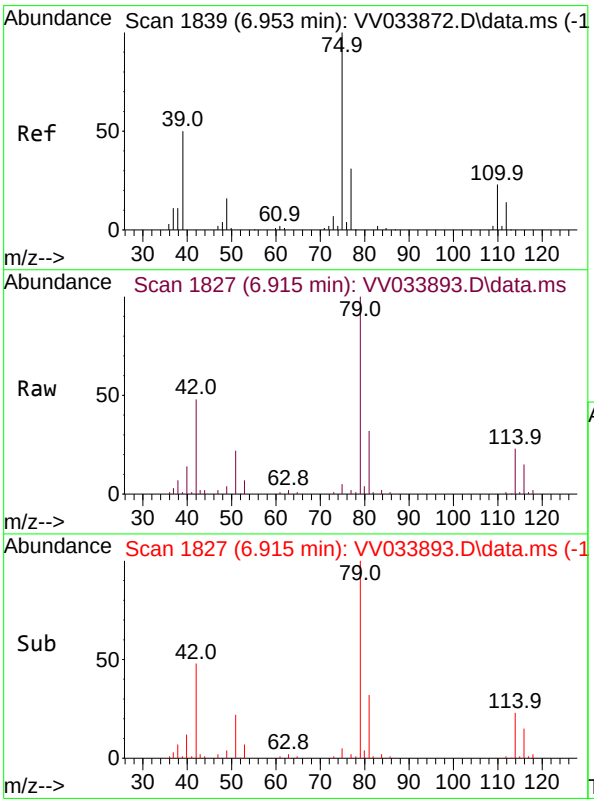
#37
1,2-Dichloropropane
Concen: 5.142 ug/L
RT: 5.989 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV033893.D
Acq: 26 Jan 2024 17:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 8990

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

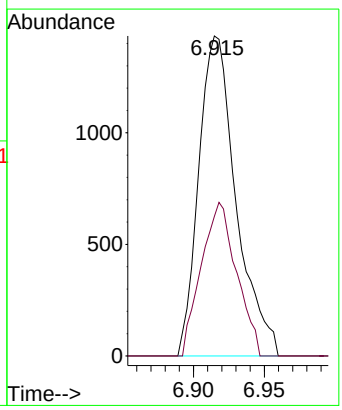


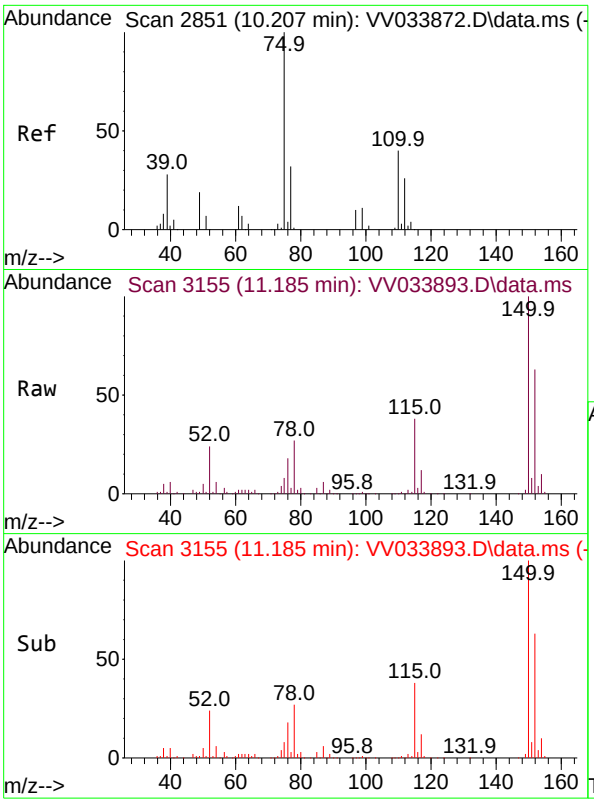


#39
cis-1,3-Dichloropropene
Concen: 0.900 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.039 min
Lab File: VV033893.D
Acq: 26 Jan 2024 17:57

Tgt Ion: 75 Resp: 2627

Ion	Ratio	Lower	Upper
75	100		
77	43.6	22.0	41.0#





#61
1,2,3-Trichloropropane
Concen: 6.981 ug/L
RT: 11.185 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV033893.D
Acq: 26 Jan 2024 17:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 13413

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.3	37.9
110	3.2	29.5	44.3#