Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031324\
Data File : VV034585.D
Acq On : 13 Mar 2024 19:15
Operator : SY/MD
Sample : P1739-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 14 02:27:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 02:21:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	280943	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	264672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	126013	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69712	28.623	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 57.240%#			
7) Chloroethane-d5	1.529	69	68469	36.085	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.180%			
11) 1,1-Dichloroethene-d2	2.056	65	34384	31.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.440%			
21) 2-Butanone-d5	3.789	46	186894	114.750	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.750%			
24) Chloroform-d	4.246	84	190013	44.126	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.260%			
26) 1,2-Dichloroethane-d4	4.941	65	131756	46.822	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.640%			
32) Benzene-d6	4.960	84	326460	40.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.740%			
36) 1,2-Dichloropropane-d6	5.989	67	113881	46.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.440%			
41) Toluene-d8	7.243	98	272961	37.761	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.520%#			
43) trans-1,3-Dichloroprop...	7.555	79	47056	38.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.880%			
47) 2-Hexanone-d5	8.024	63	135292	111.141	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.140%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	174771	54.479	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.960%			
66) 1,2-Dichlorobenzene-d4	11.561	152	119661	46.457	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.920%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	15037	7.148	ug/L #	1
19) 1,1-Dichloroethane	3.114	63	5190	1.301	ug/L	95
20) cis-1,2-Dichloroethene	3.815	96	33531	15.178	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	8876	2.339	ug/L	99
35) Methylcyclohexane	5.986	83	27502	7.747	ug/L #	18
39) cis-1,3-Dichloropropene	6.918	75	3529	1.013	ug/L #	81
48) 2-Hexanone	8.024	43	17246	6.824	ug/L #	69
61) 1,2,3-Trichloropropane	11.185	75	15147	6.297	ug/L #	65

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

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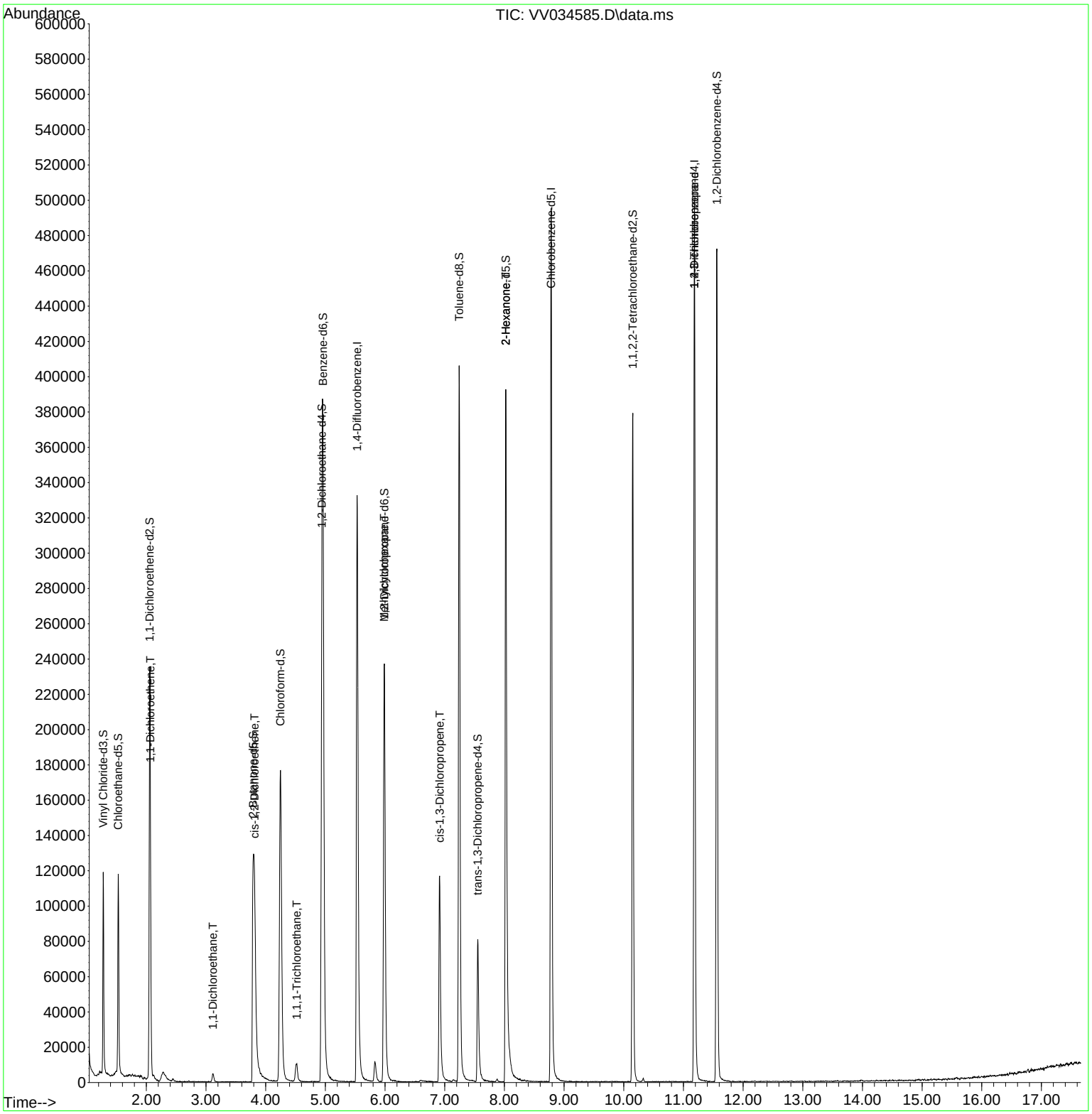
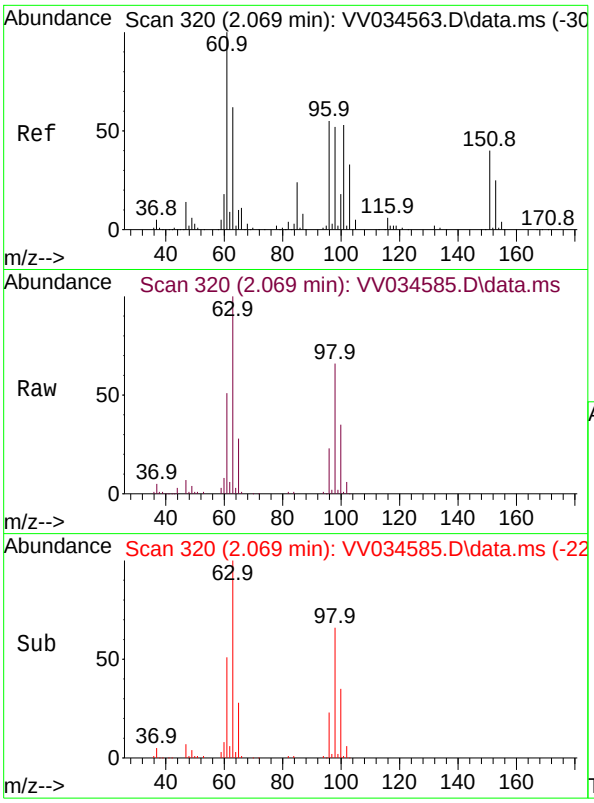
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 02:21:30 2024
Response via : Initial Calibration



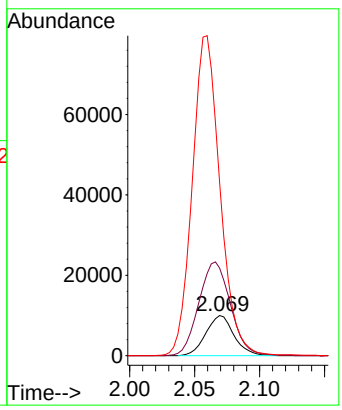


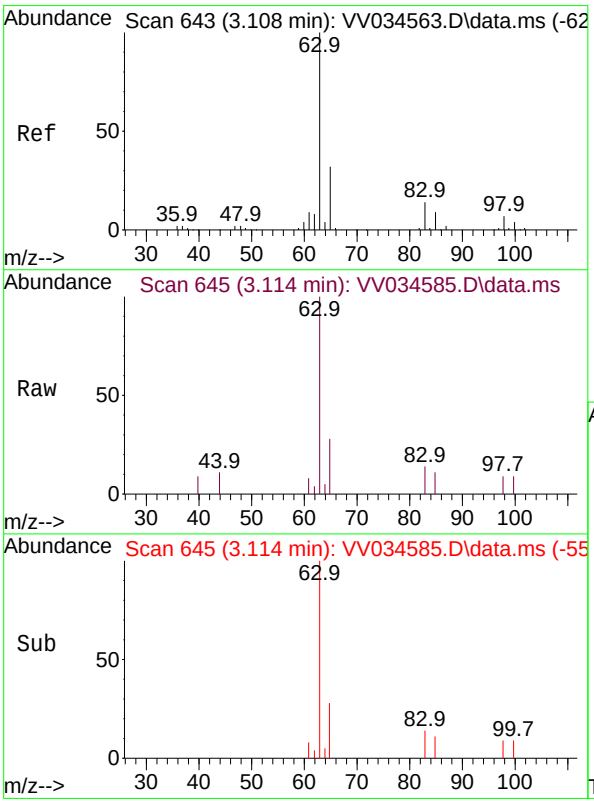
#12
1,1-Dichloroethene
Concen: 7.148 ug/L
RT: 2.069 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV034585.D
Acq: 13 Mar 2024 19:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 15037

Ion	Ratio	Lower	Upper
96	100		
61	217.5	128.9	239.3
63	429.8	98.0	182.0#

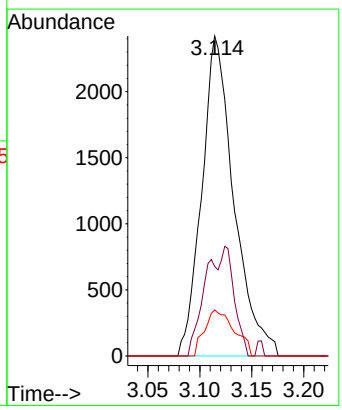


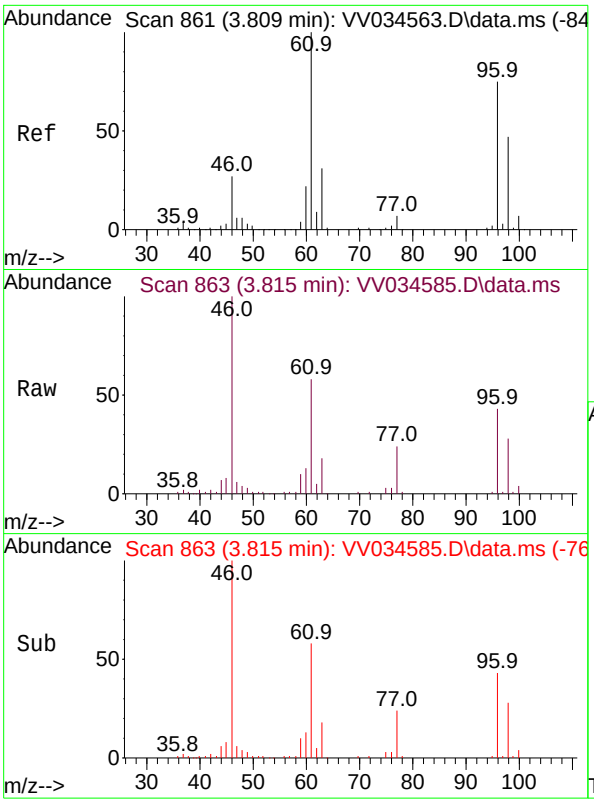


#19
1,1-Dichloroethane
Concen: 1.301 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.006 min
Lab File: VV034585.D
Acq: 13 Mar 2024 19:15

Tgt Ion: 63 Resp: 5190

Ion	Ratio	Lower	Upper
63	100		
65	28.0	22.1	41.1
83	14.4	9.9	18.3



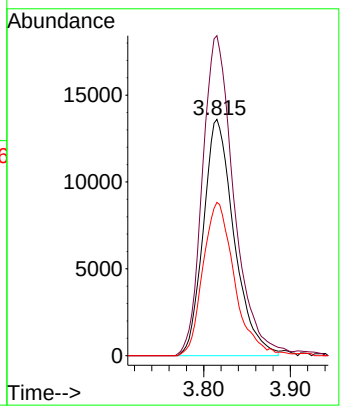


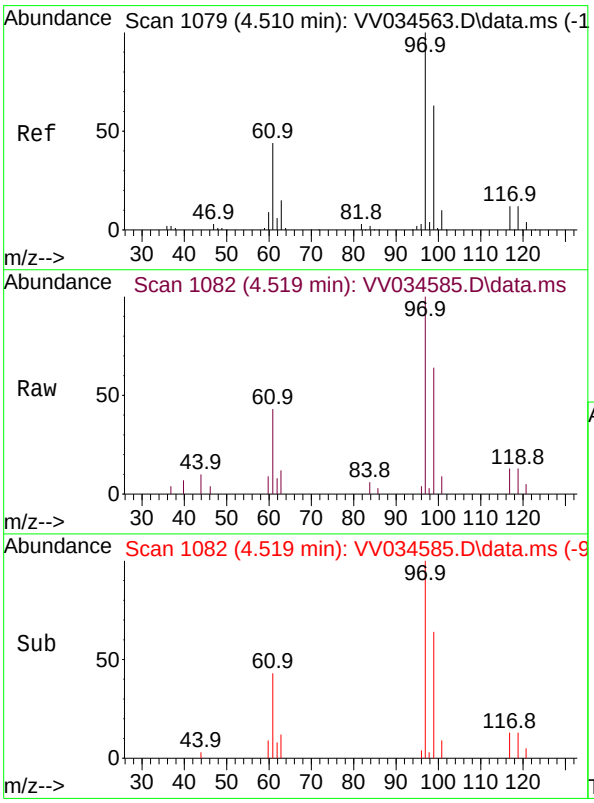
#20
cis-1,2-Dichloroethene
Concen: 15.178 ug/L
RT: 3.815 min Scan# 8
Delta R.T. 0.006 min
Lab File: VV034585.D
Acq: 13 Mar 2024 19:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 33531

Ion	Ratio	Lower	Upper
96	100		
61	135.4	96.0	178.4
98	64.8	46.0	85.4

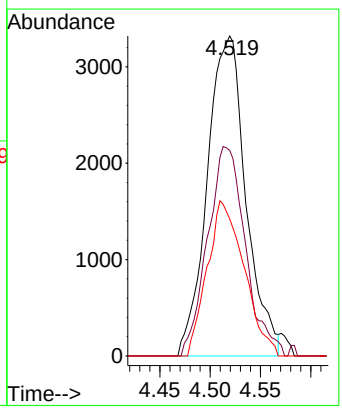


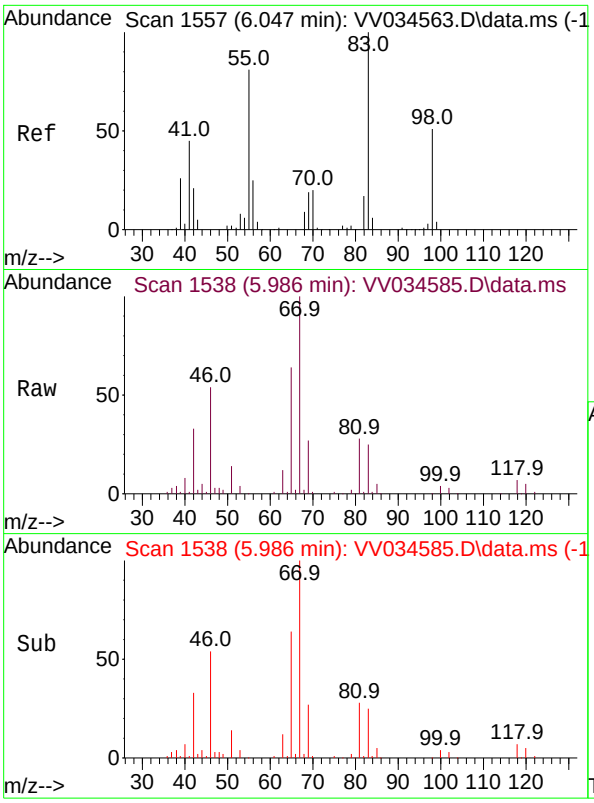


#30
1,1,1-Trichloroethane
Concen: 2.339 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.010 min
Lab File: VV034585.D
Acq: 13 Mar 2024 19:15

Tgt Ion: 97 Resp: 8876

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	46.2	36.0	54.0



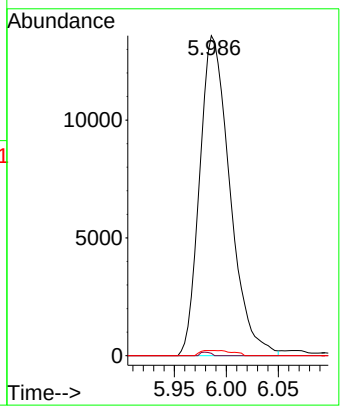


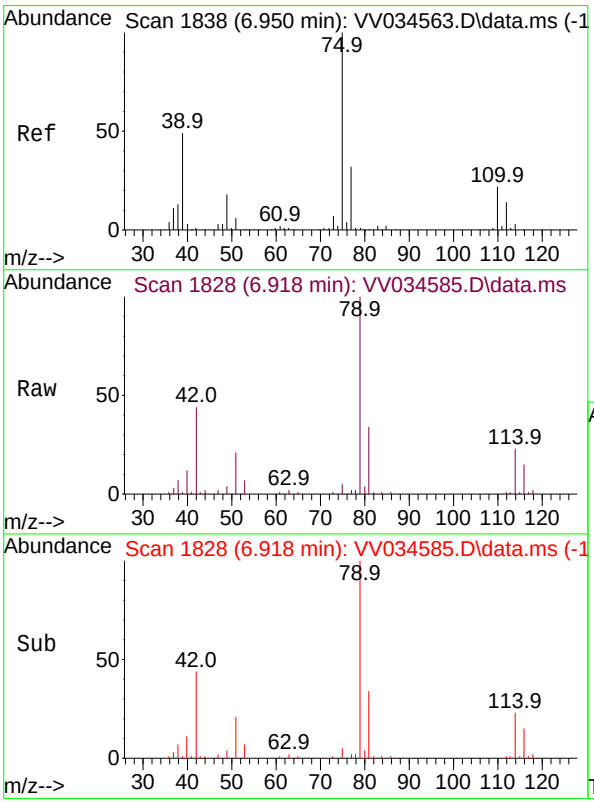
#35
Methylcyclohexane
Concen: 7.747 ug/L
RT: 5.986 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV034585.D
Acq: 13 Mar 2024 19:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 27502

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.6	94.0#
98	1.0	39.5	59.3#

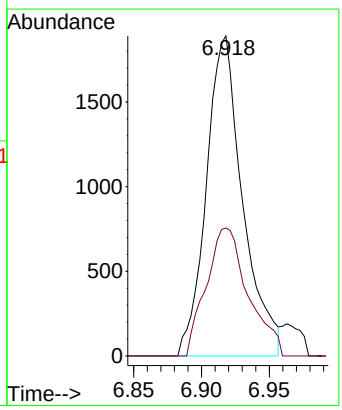


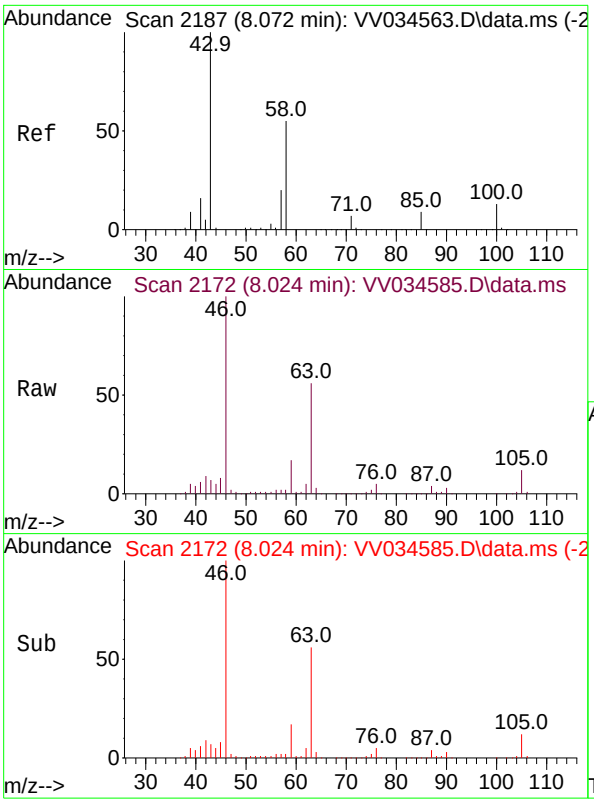


#39
cis-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.032 min
Lab File: VV034585.D
Acq: 13 Mar 2024 19:15

Tgt Ion: 75 Resp: 3529

Ion	Ratio	Lower	Upper
75	100		
77	40.0	20.9	38.9#



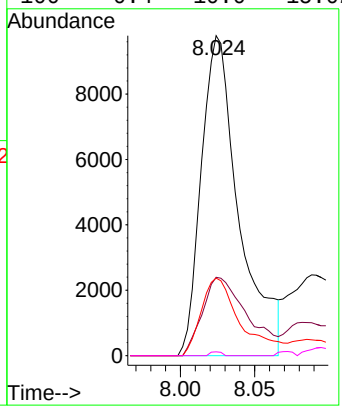


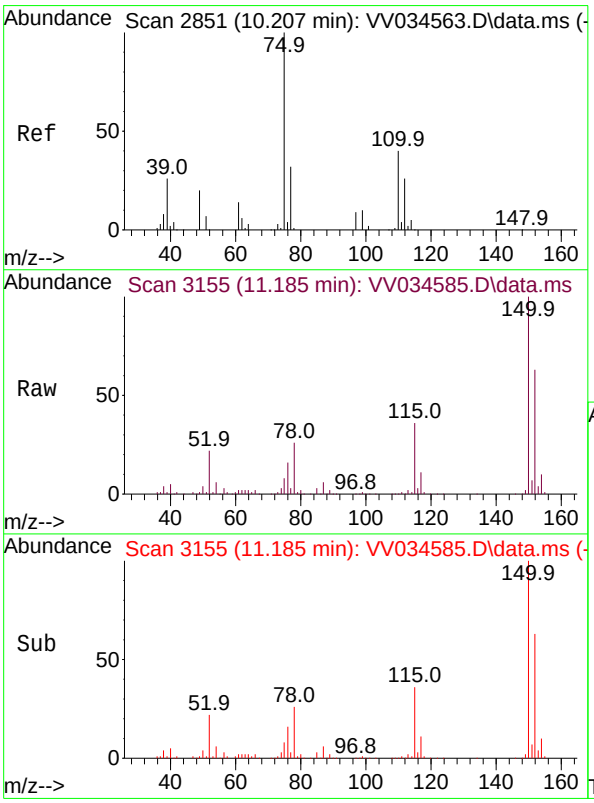
#48
2-Hexanone
Concen: 6.824 ug/L
RT: 8.024 min Scan# 2
Delta R.T. -0.048 min
Lab File: VV034585.D
Acq: 13 Mar 2024 19:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 17246

Ion	Ratio	Lower	Upper
43	100		
58	26.2	42.0	63.0#
57	25.9	15.2	22.8#
100	0.4	10.0	15.0#





#61
1,2,3-Trichloropropane
Concen: 6.297 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV034585.D
Acq: 13 Mar 2024 19:15

Tgt Ion: 75 Resp: 15147

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.9	38.9
110	2.8	33.1	49.7#