Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
Data File : VV034769.D
Acq On : 20 Mar 2024 17:44
Operator : SY/MD
Sample : P1778-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 21 02:22:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 02:16:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	363170	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333770	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154035	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113188	35.952	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.900%			
7) Chloroethane-d5	1.529	69	100766	41.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.160%			
11) 1,1-Dichloroethene-d2	2.057	65	46446	32.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.240%			
21) 2-Butanone-d5	3.786	46	176799	83.974	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.970%			
24) Chloroform-d	4.246	84	240125	43.137	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.280%			
26) 1,2-Dichloroethane-d4	4.941	65	159998	43.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.960%			
32) Benzene-d6	4.957	84	456163	45.285	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.560%			
36) 1,2-Dichloropropane-d6	5.989	67	145896	47.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.920%			
41) Toluene-d8	7.243	98	404489	44.372	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.740%			
43) trans-1,3-Dichloroprop...	7.551	79	67035	43.423	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.840%			
47) 2-Hexanone-d5	8.024	63	113171	73.722	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.720%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	190720	47.143	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.280%			
66) 1,2-Dichlorobenzene-d4	11.561	152	153816	48.853	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.700%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	4338	1.595	ug/L #	1
34) Trichloroethene	5.835	95	53922	18.310	ug/L	97
39) cis-1,3-Dichloropropene	6.912	75	4872	1.109	ug/L #	70
64) 1,3-Dichlorobenzene	11.127	146	5269	1.046	ug/L	95
65) 1,4-Dichlorobenzene	11.211	146	24575	4.804	ug/L	94
67) 1,2-Dichlorobenzene	11.580	146	22603	4.478	ug/L	97
69) 1,3,5-Trichlorobenzene	13.204	180	5701	1.509	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	5701	1.677	ug/L	96
72) 1,2,3-Trichlorobenzene	13.683	180	3114	0.939	ug/L	95

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

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Instrument :
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ClientSampleId :

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Quant Title : VOC Analysis
QLast Update : Thu Mar 21 02:16:15 2024
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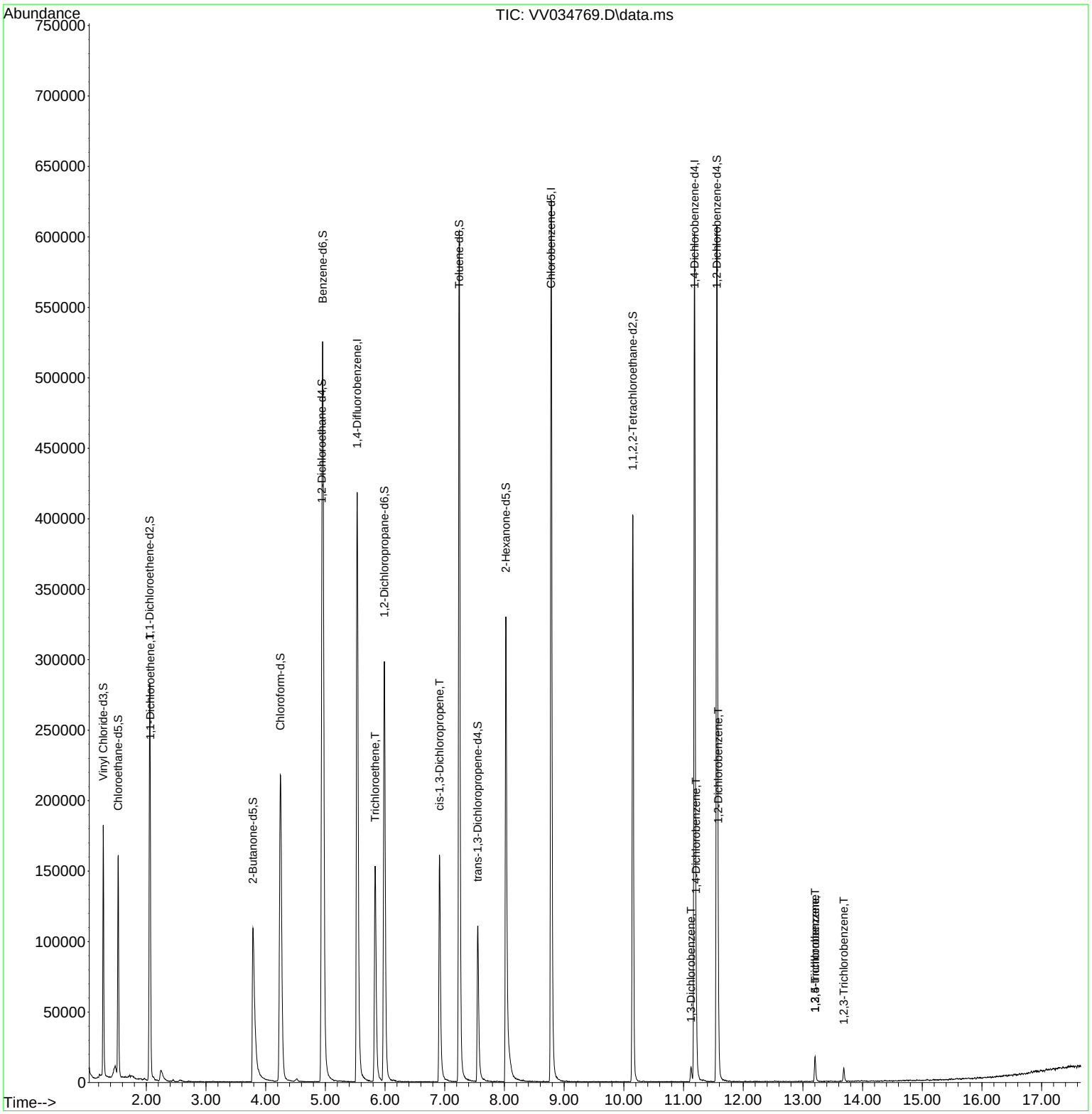
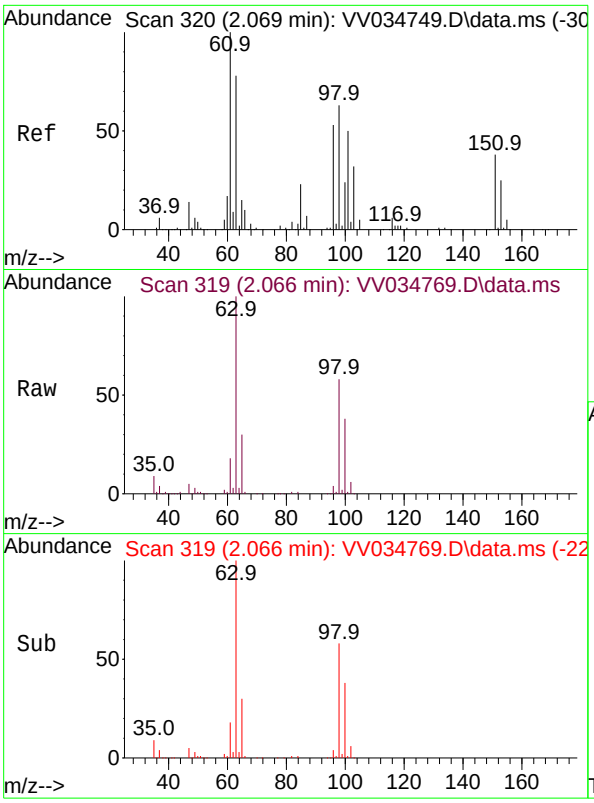


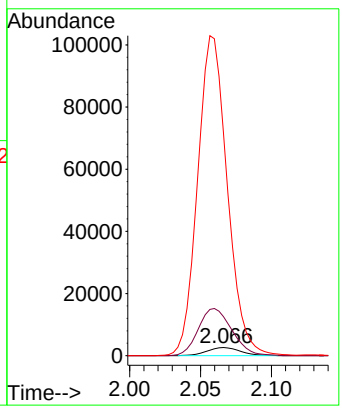


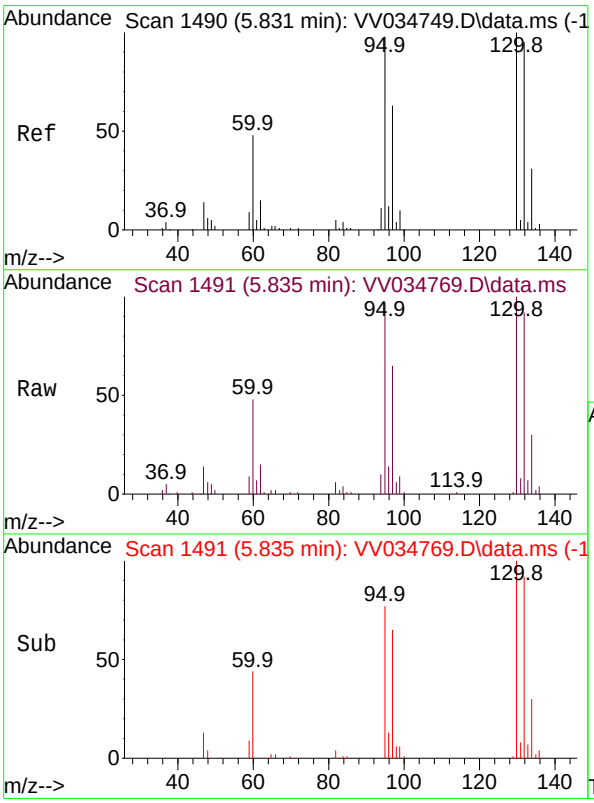
#12
1,1-Dichloroethene
Concen: 1.595 ug/L
RT: 2.066 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 4338

Ion	Ratio	Lower	Upper
96	100		
61	481.7	128.9	239.3#
63	2746.1	98.0	182.0#

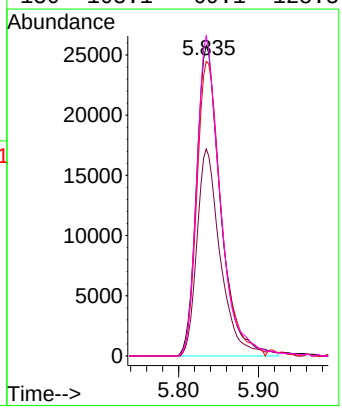


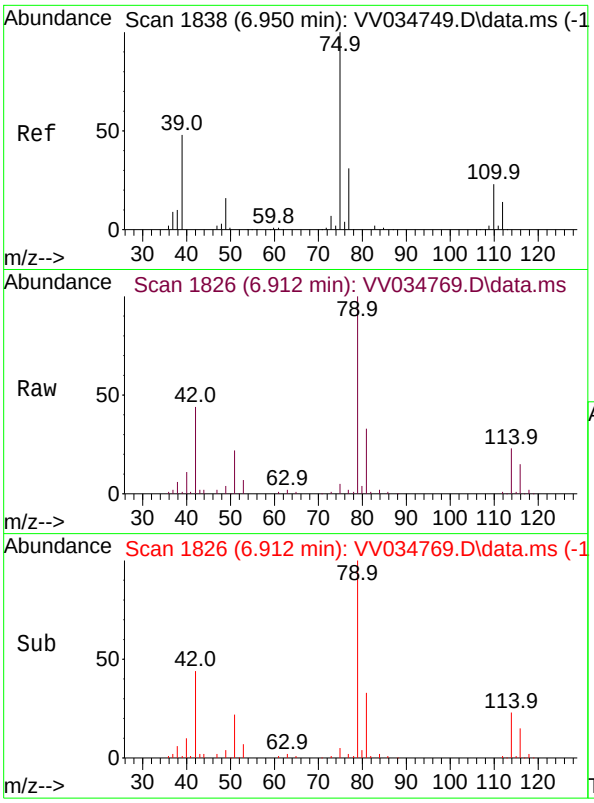


#34
Trichloroethene
Concen: 18.310 ug/L
RT: 5.835 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Tgt Ion: 95 Resp: 53922

Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.7	83.1
132	94.9	65.3	121.3
130	103.1	69.1	128.3



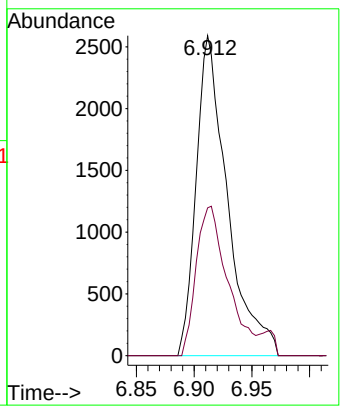


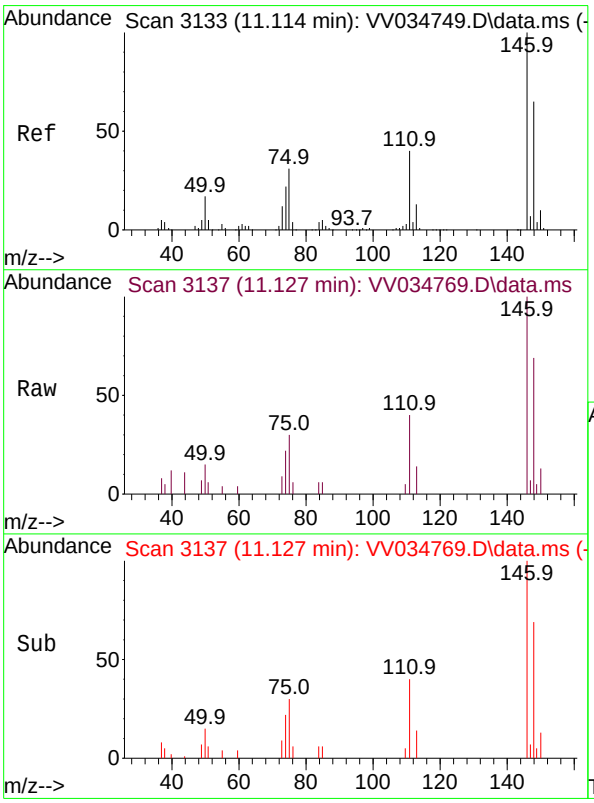
#39
cis-1,3-Dichloropropene
Concen: 1.109 ug/L
RT: 6.912 min Scan# 1
Delta R.T. -0.038 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4872

Ion	Ratio	Lower	Upper
75	100		
77	46.2	20.9	38.9#

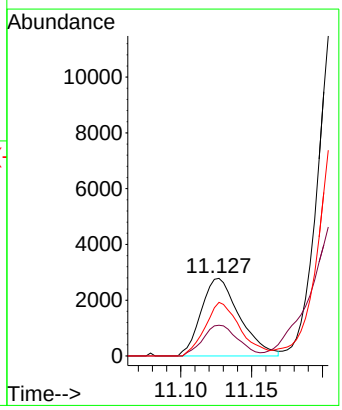


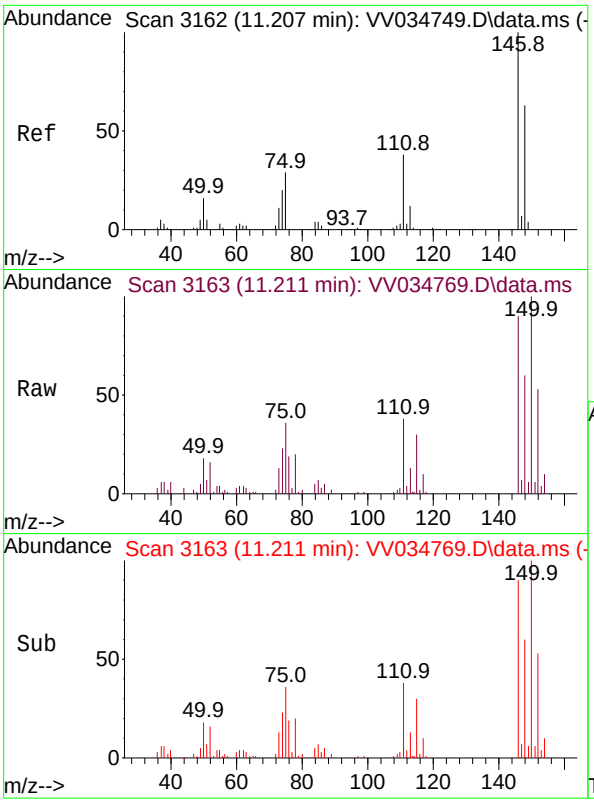


#64
1,3-Dichlorobenzene
Concen: 1.046 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Tgt Ion:146 Resp: 5269

Ion	Ratio	Lower	Upper
146	100		
111	39.6	27.9	51.7
148	68.9	44.2	82.0



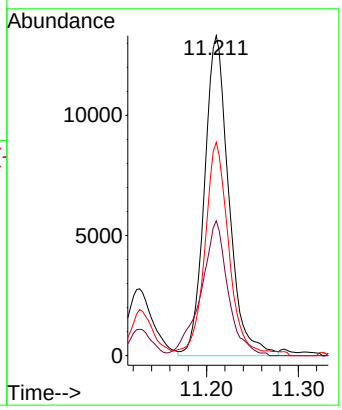


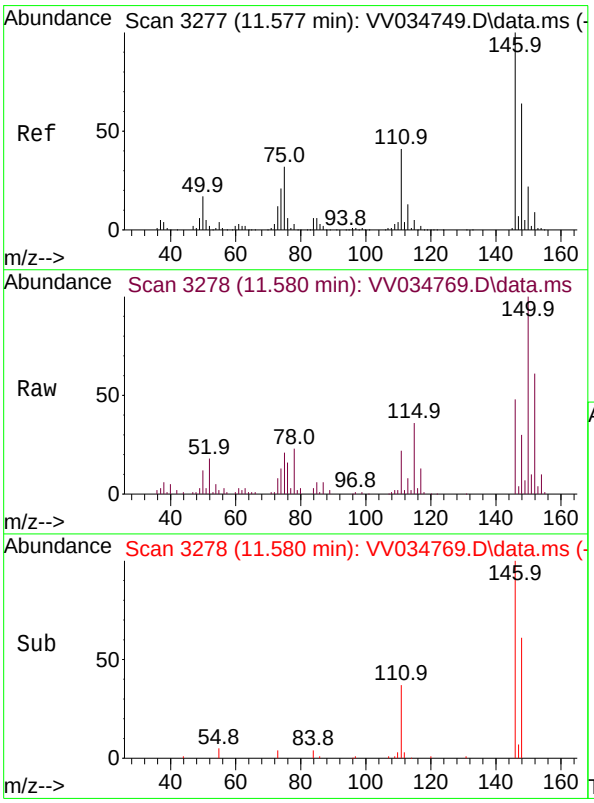
#65
1,4-Dichlorobenzene
Concen: 4.804 ug/L
RT: 11.211 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 24575

Ion	Ratio	Lower	Upper
146	100		
111	42.1	26.5	49.1
148	66.7	44.0	81.8

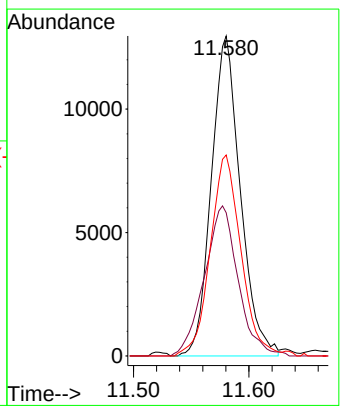


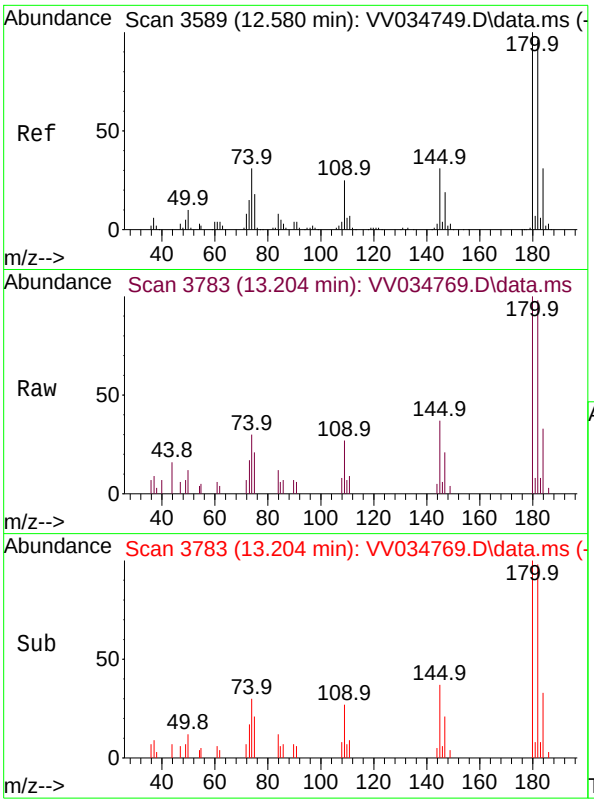


#67
1,2-Dichlorobenzene
Concen: 4.478 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Tgt Ion:146 Resp: 22603

Ion	Ratio	Lower	Upper
146	100		
111	44.8	33.8	50.8
148	62.8	51.3	76.9



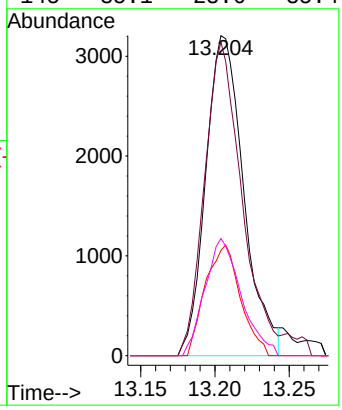


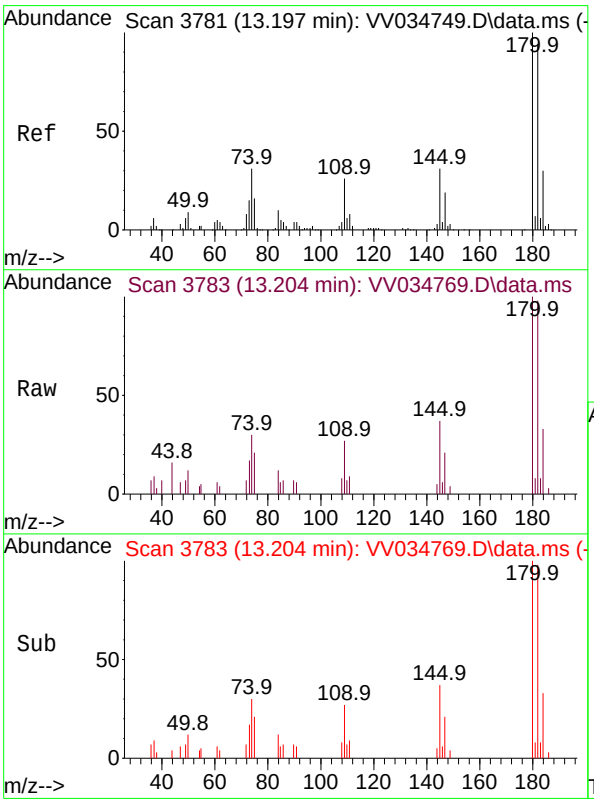
#69
1,3,5-Trichlorobenzene
Concen: 1.509 ug/L
RT: 13.204 min Scan# 3
Delta R.T. 0.624 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 5701

Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.6	112.0
184	32.1	23.6	35.4
145	35.1	23.6	35.4

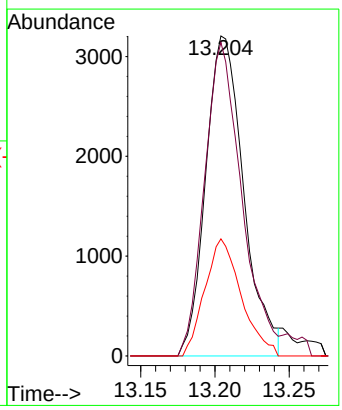


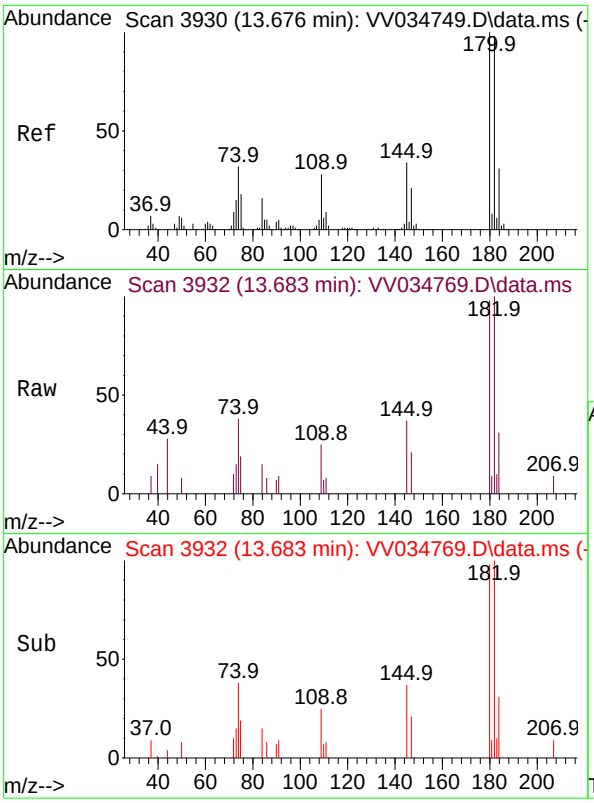


#70
1,2,4-trichlorobenzene
Concen: 1.677 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.007 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Tgt Ion:180 Resp: 5701

Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.8	112.2
145	35.1	24.2	36.4





#72
1,2,3-Trichlorobenzene
Concen: 0.939 ug/L
RT: 13.683 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 3114

Ion	Ratio	Lower	Upper
180	100		
182	101.6	75.9	113.9
145	32.4	25.5	38.3