Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121223\
Data File : VV033260.D
Acq On : 12 Dec 2023 13:43
Operator : SY/MD
Sample : 05752-01 40X
Misc : 4.22g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AS9

Quant Time: Dec 13 00:42:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

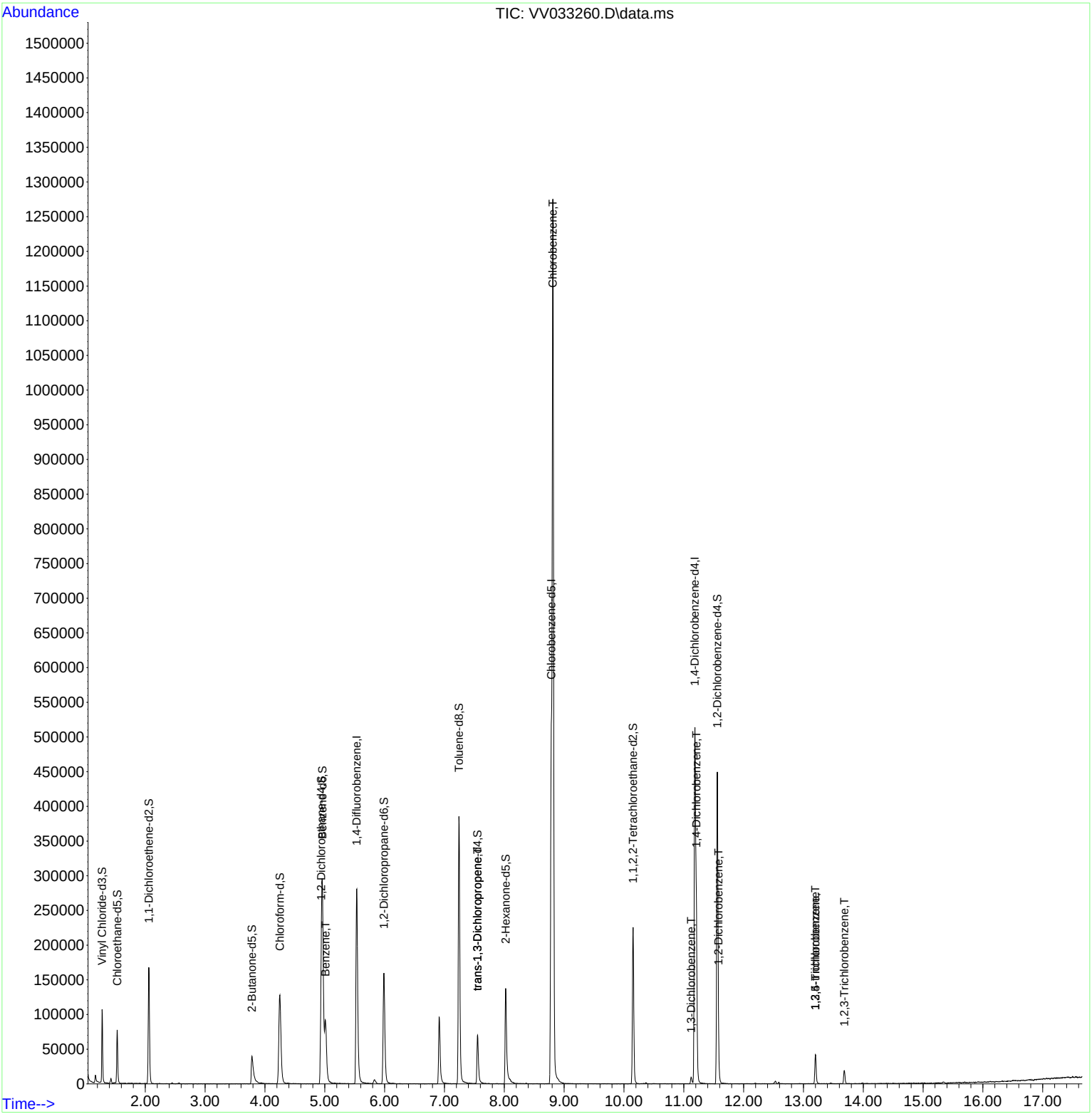
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	263577	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	262454	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	141580	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	65532	41.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.180%			
7) Chloroethane-d5	1.532	69	48311	44.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.000%			
11) 1,1-Dichloroethene-d2	2.059	65	25798	43.038	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.080%			
21) 2-Butanone-d5	3.783	46	56227	71.846	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 71.850%			
24) Chloroform-d	4.249	84	141403	42.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.580%			
26) 1,2-Dichloroethane-d4	4.940	65	94405	45.409	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.820%			
32) Benzene-d6	4.960	84	278647	45.396	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.800%			
36) 1,2-Dichloropropane-d6	5.989	67	70598	42.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.560%			
41) Toluene-d8	7.243	98	260861	44.550	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.100%			
43) trans-1,3-Dichloroprop...	7.554	79	41127	39.408	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.820%			
47) 2-Hexanone-d5	8.024	63	48353	72.927	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 72.930%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	96501	41.132	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.260%			
66) 1,2-Dichlorobenzene-d4	11.561	152	119726	47.528	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.060%			
Target Compounds						Qvalue
33) Benzene	5.011	78	100065	15.046	ug/L	100
44) trans-1,3-Dichloropropene	7.554	75	2185	0.774	ug/L #	66
51) Chlorobenzene	8.812	112	701520	133.109	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	4545	1.042	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	108860	24.029	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	8051	1.883	ug/L	94
69) 1,3,5-Trichlorobenzene	13.201	180	14268	4.084	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	14268	4.421	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	7416	2.381	ug/L	98

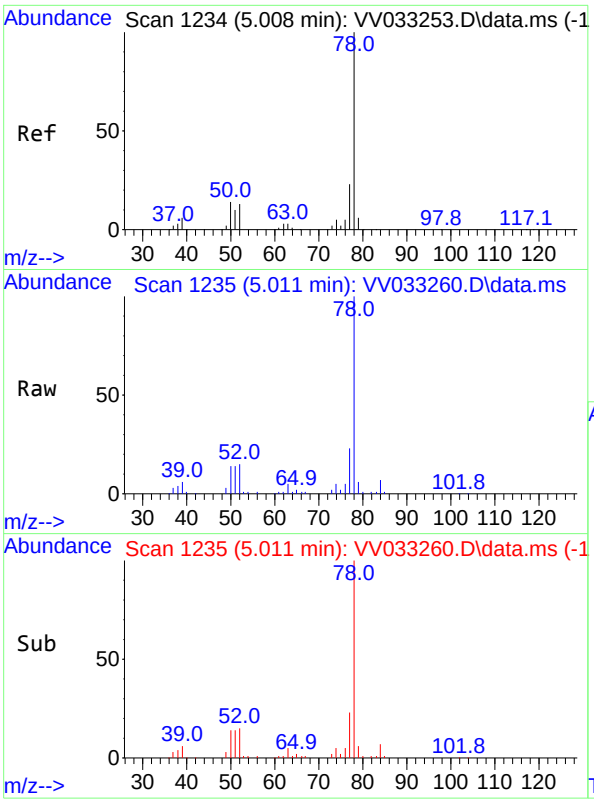
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121223\
Data File : VV033260.D
Acq On : 12 Dec 2023 13:43
Operator : SY/MD
Sample : 05752-01 40X
Misc : 4.22g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AS9

Quant Time: Dec 13 00:42:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

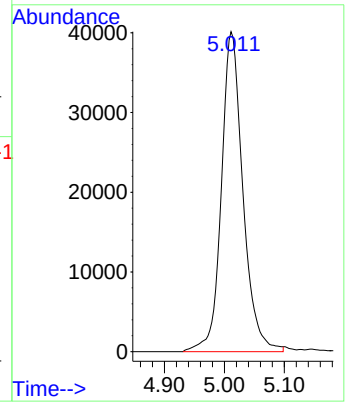


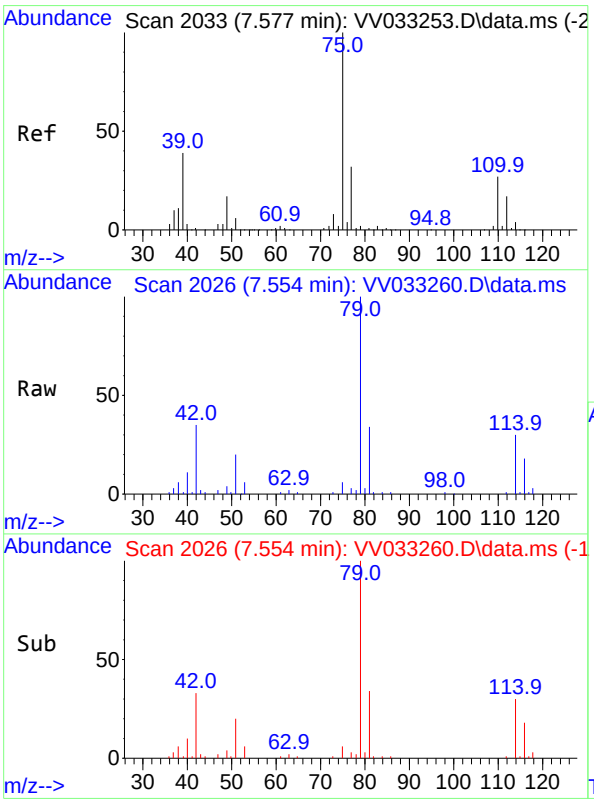


#33
Benzene
Concen: 15.046 ug/L
RT: 5.011 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Instrument :
MSVOA_V
ClientSampleId :
C0AS9

Tgt Ion: 78 Resp: 100065

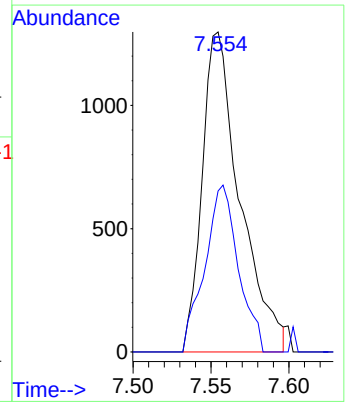


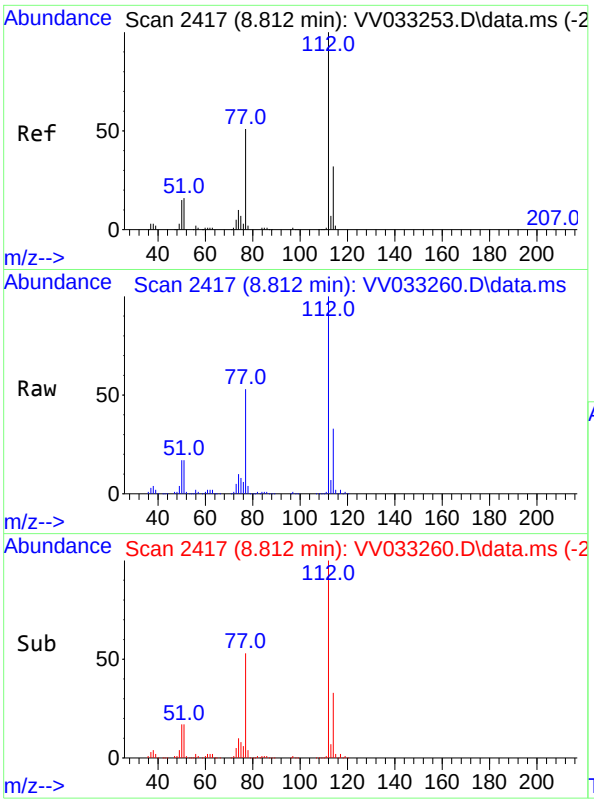


#44
trans-1,3-Dichloropropene
Concen: 0.774 ug/L
RT: 7.554 min Scan# 2026
Delta R.T. -0.026 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Tgt Ion: 75 Resp: 2185

Ion	Ratio	Lower	Upper
75	100		
77	50.3	22.0	41.0#



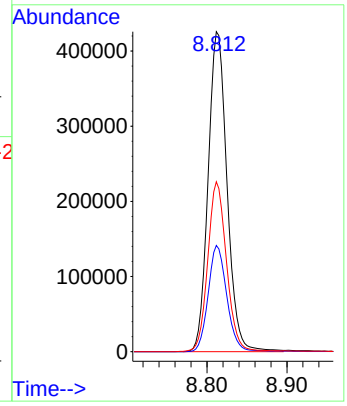


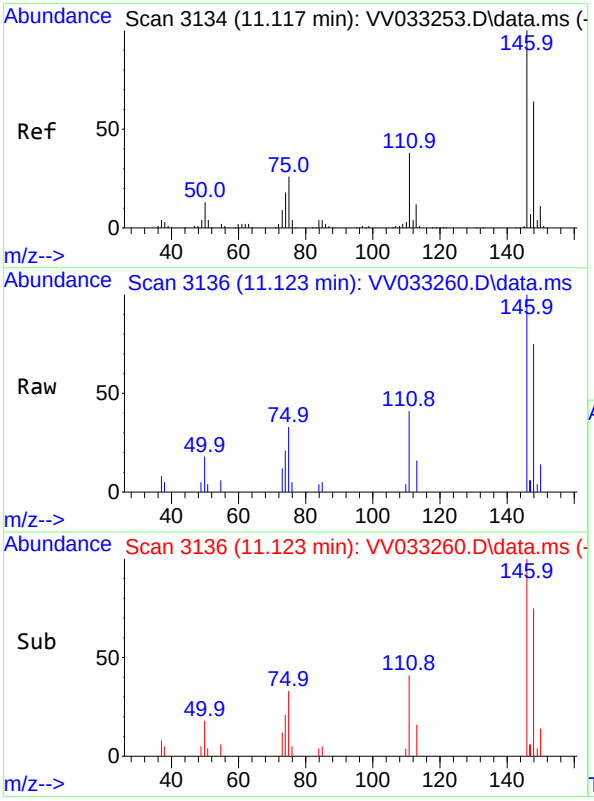
#51
Chlorobenzene
Concen: 133.109 ug/L
RT: 8.812 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Instrument :
MSVOA_V
ClientSampleId :
C0AS9

Tgt Ion:112 Resp: 701520

Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.9	42.5
77	53.1	42.6	64.0

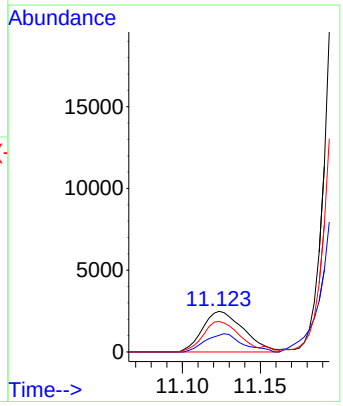


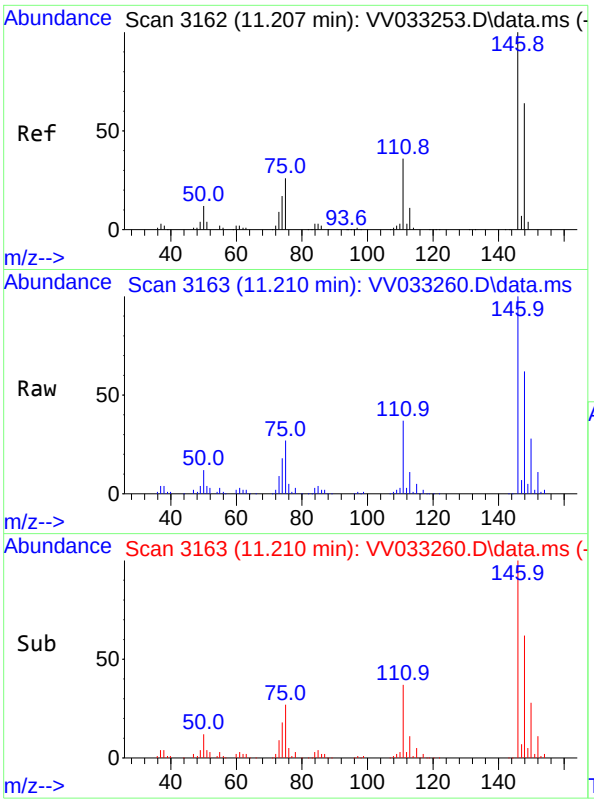


#64
1,3-Dichlorobenzene
Concen: 1.042 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Tgt Ion:146 Resp: 4545

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.2	48.6
148	70.5	44.5	82.7



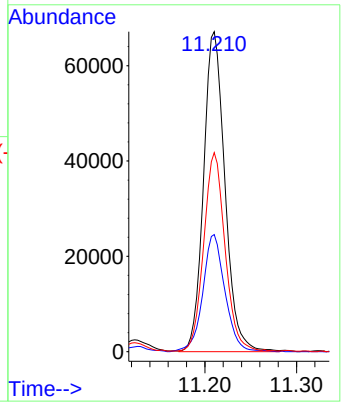


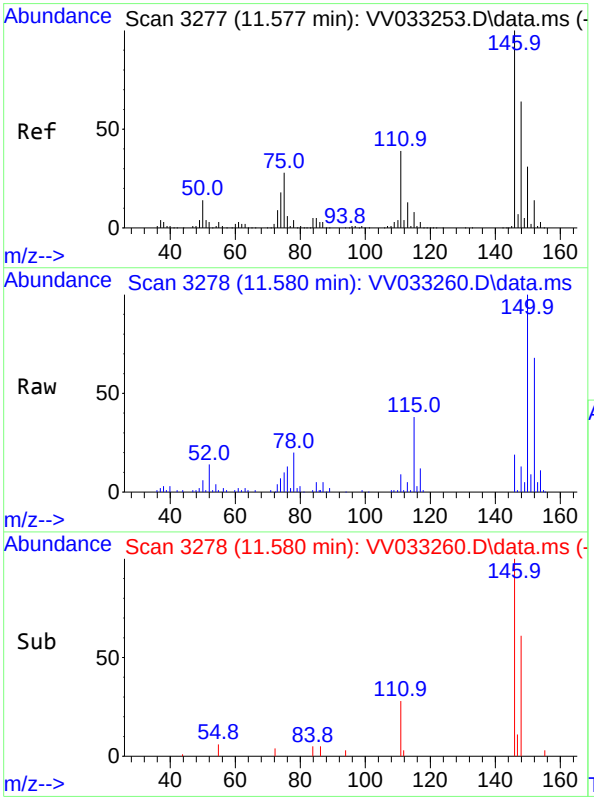
#65
1,4-Dichlorobenzene
Concen: 24.029 ug/L
RT: 11.210 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Instrument :
MSVOA_V
ClientSampleId :
C0AS9

Tgt Ion:146 Resp: 108860

Ion	Ratio	Lower	Upper
146	100		
111	36.6	25.9	48.1
148	62.2	44.9	83.5

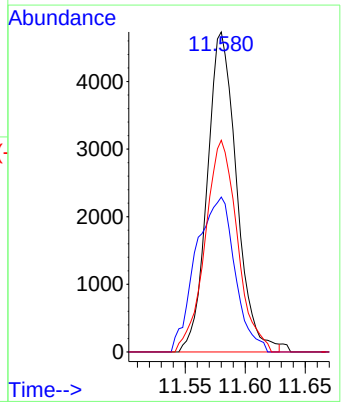


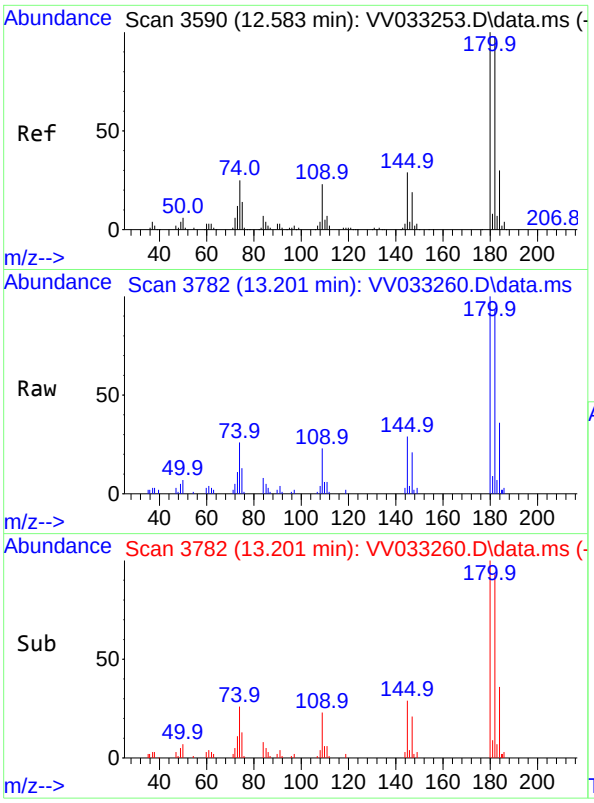


#67
1,2-Dichlorobenzene
Concen: 1.883 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Tgt Ion:146 Resp: 8051

Ion	Ratio	Lower	Upper
146	100		
111	48.4	32.4	48.6
148	66.1	51.8	77.8



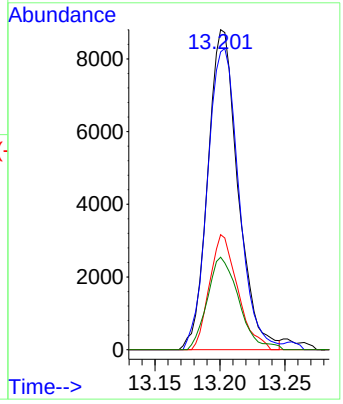


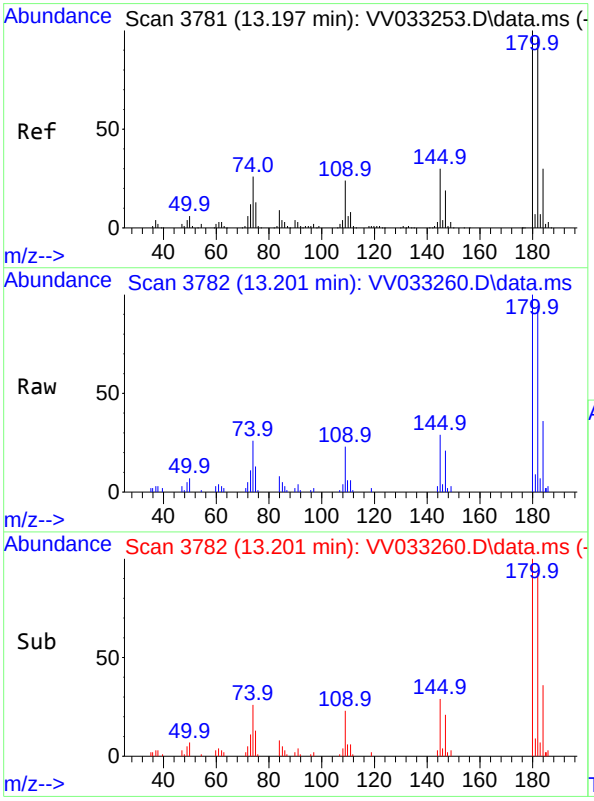
#69
1,3,5-Trichlorobenzene
Concen: 4.084 ug/L
RT: 13.201 min Scan# 3
Delta R.T. 0.617 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Instrument :
MSVOA_V
ClientSampleId :
C0AS9

Tgt Ion:180 Resp: 14268

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.2	114.4
184	33.4	24.2	36.4
145	30.0	23.9	35.9

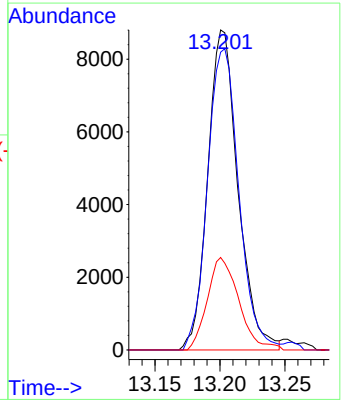


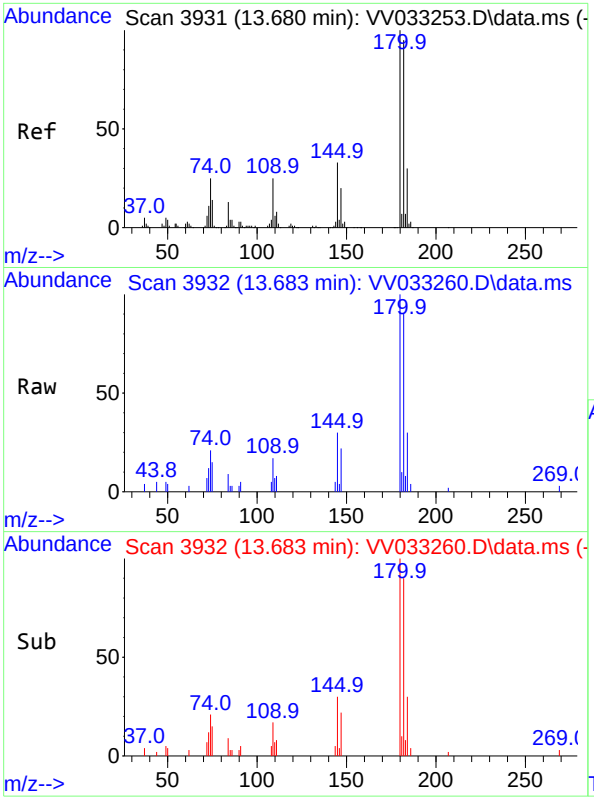


#70
1,2,4-trichlorobenzene
Concen: 4.421 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Tgt Ion:180 Resp: 14268

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.3	114.5
145	30.0	23.4	35.0





#72
1,2,3-Trichlorobenzene
Concen: 2.381 ug/L
RT: 13.683 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV033260.D
Acq: 12 Dec 2023 13:43

Instrument :
MSVOA_V
ClientSampleId :
C0AS9

Tgt Ion:180 Resp: 7416

Ion	Ratio	Lower	Upper
180	100		
182	91.1	75.2	112.8
145	31.1	24.9	37.3