Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011024\
Data File : VV033573.D
Acq On : 10 Jan 2024 20:17
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 11 00:54:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 11 00:32:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	279962	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	259222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	121868	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	95468	44.370	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.740%			
7) Chloroethane-d5	1.529	69	81348	47.741	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.480%			
11) 1,1-Dichloroethene-d2	2.060	65	40295	43.515	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.040%			
21) 2-Butanone-d5	3.783	46	161326	109.312	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.310%			
24) Chloroform-d	4.249	84	185727	48.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.540%			
26) 1,2-Dichloroethane-d4	4.940	65	132635	53.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.720%			
32) Benzene-d6	4.960	84	373009	50.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.240%			
36) 1,2-Dichloropropane-d6	5.989	67	129044	53.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.400%			
41) Toluene-d8	7.243	98	315446	47.507	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.020%			
43) trans-1,3-Dichloroprop...	7.555	79	61778	51.530	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.060%			
47) 2-Hexanone-d5	8.024	63	113386	112.685	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.690%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	166637	53.809	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.620%			
66) 1,2-Dichlorobenzene-d4	11.561	152	117670	50.891	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.780%			
Target Compounds						Qvalue
35) Methylcyclohexane	5.989	83	29765	8.516	ug/L #	16
44) trans-1,3-Dichloropropene	7.555	75	2931	0.909	ug/L #	76
65) 1,4-Dichlorobenzene	11.214	146	2678	0.717	ug/L	90
69) 1,3,5-Trichlorobenzene	12.590	180	2416	0.878	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	5090	2.038	ug/L	94
71) Naphthalene	13.445	128	48398	7.414	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	6668	2.860	ug/L	98

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

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Instrument :
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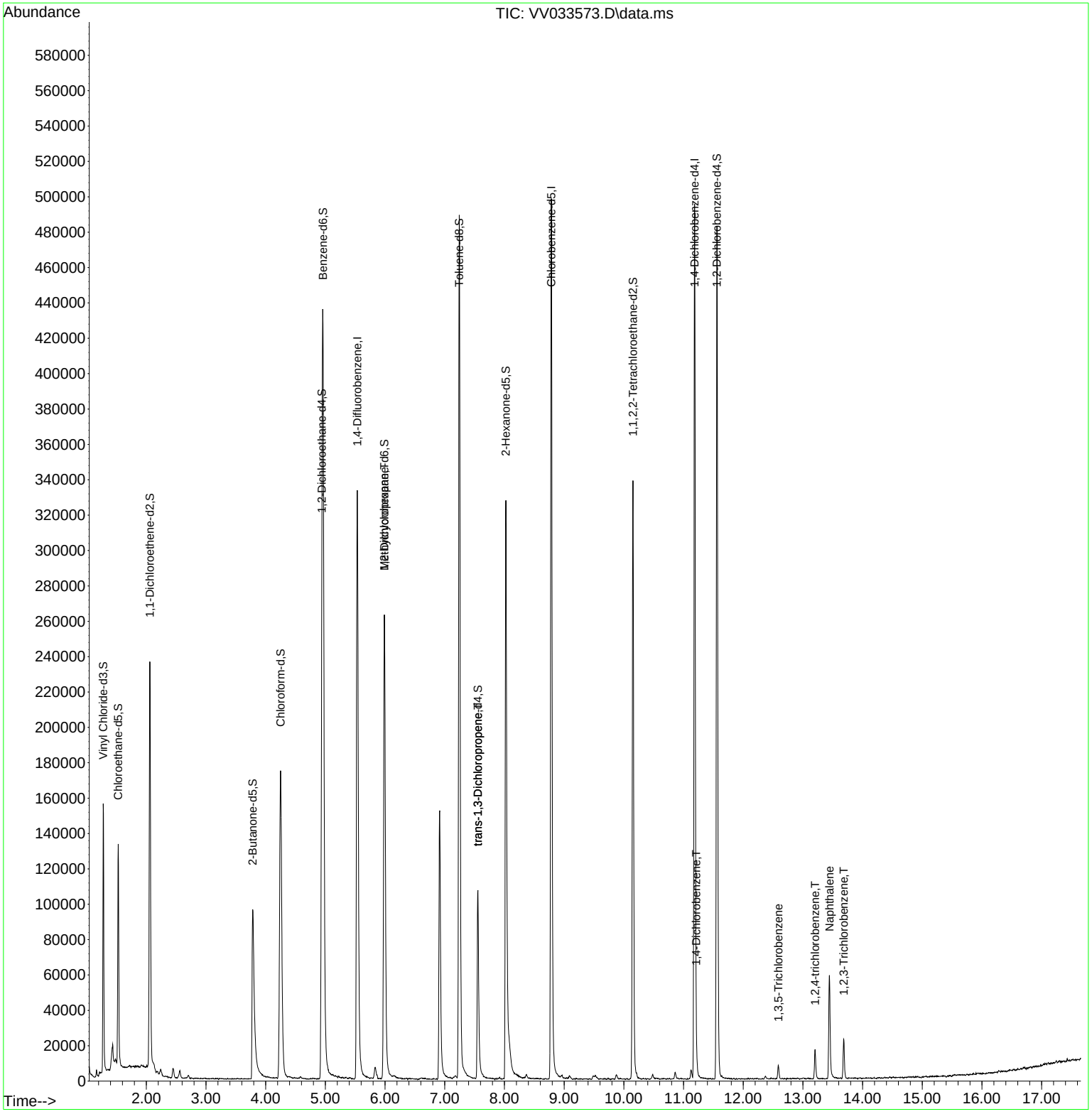
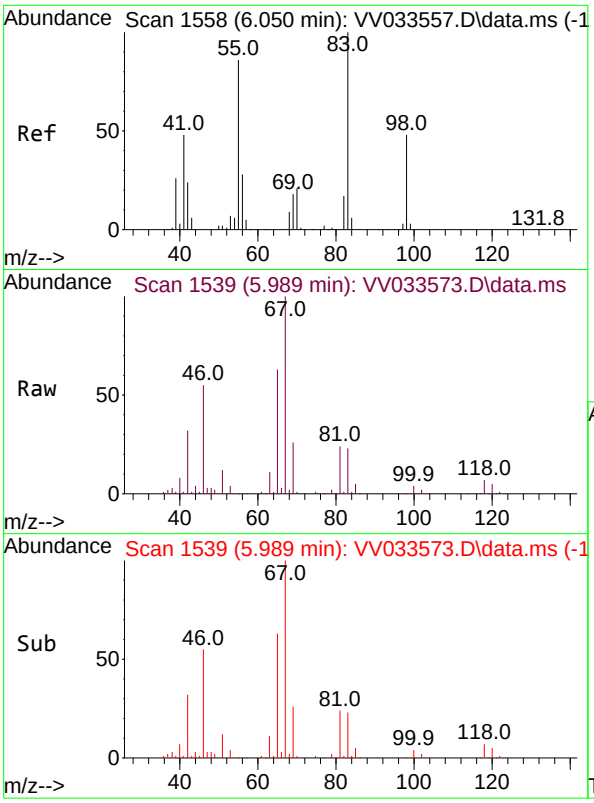
ClientSampleId :

Quant Time: Jan 11 00:54:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 11 00:32:34 2024
Response via : Initial Calibration



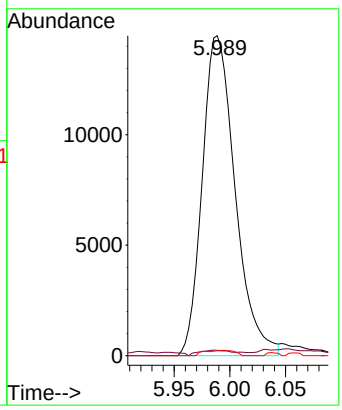


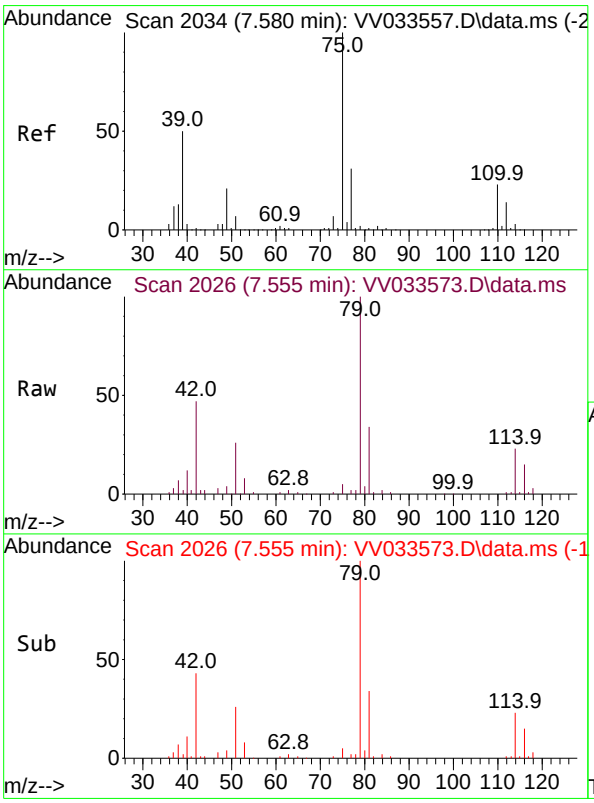
#35
Methylcyclohexane
Concen: 8.516 ug/L
RT: 5.989 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV033573.D
Acq: 10 Jan 2024 20:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 29765

Ion	Ratio	Lower	Upper
83	100		
55	1.2	67.1	100.7#
98	0.2	37.7	56.5#

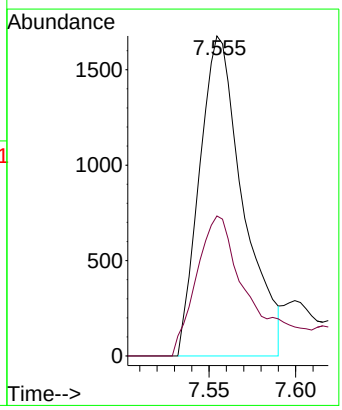


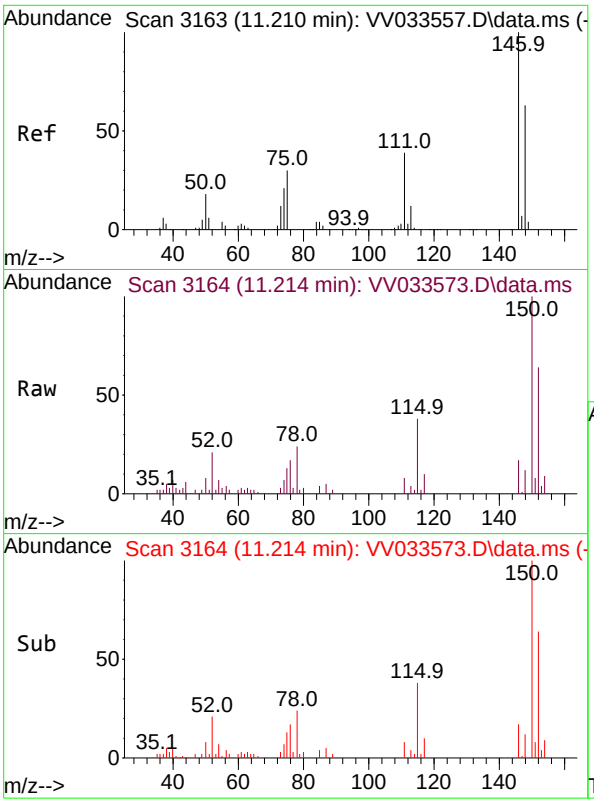


#44
trans-1,3-Dichloropropene
Concen: 0.909 ug/L
RT: 7.555 min Scan# 2026
Delta R.T. -0.026 min
Lab File: VV033573.D
Acq: 10 Jan 2024 20:17

Tgt Ion: 75 Resp: 2931

Ion	Ratio	Lower	Upper
75	100		
77	43.8	21.6	40.0#



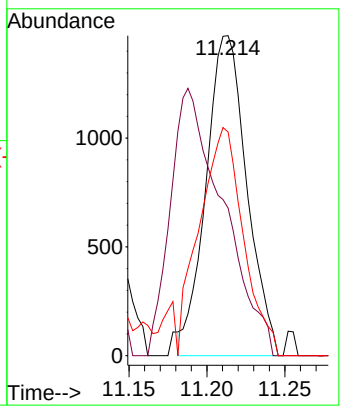


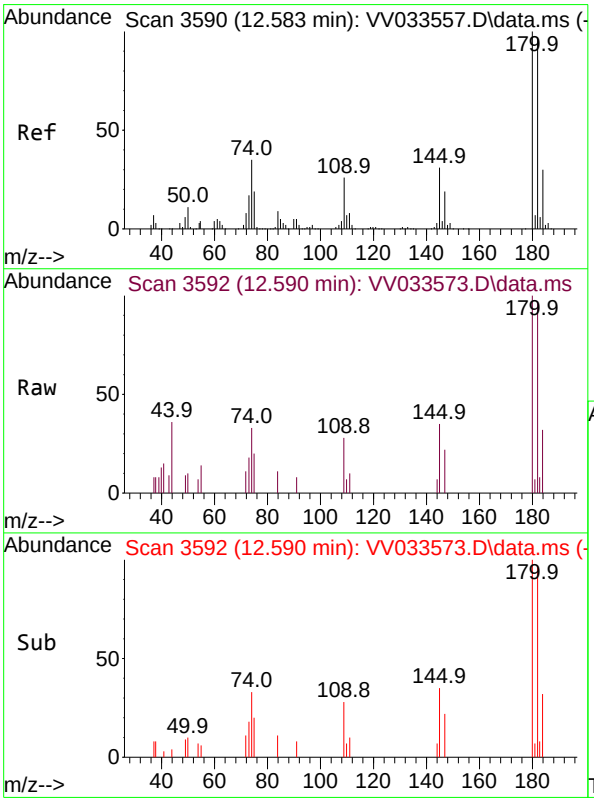
#65
1,4-Dichlorobenzene
Concen: 0.717 ug/L
RT: 11.214 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV033573.D
Acq: 10 Jan 2024 20:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 2678

Ion	Ratio	Lower	Upper
146	100		
111	46.1	27.7	51.5
148	69.9	44.1	81.9

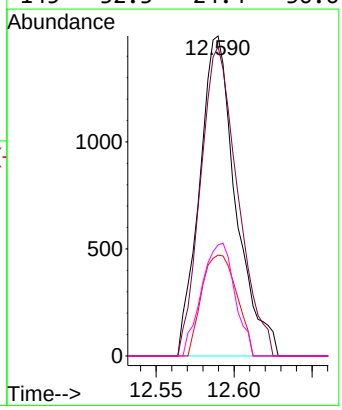


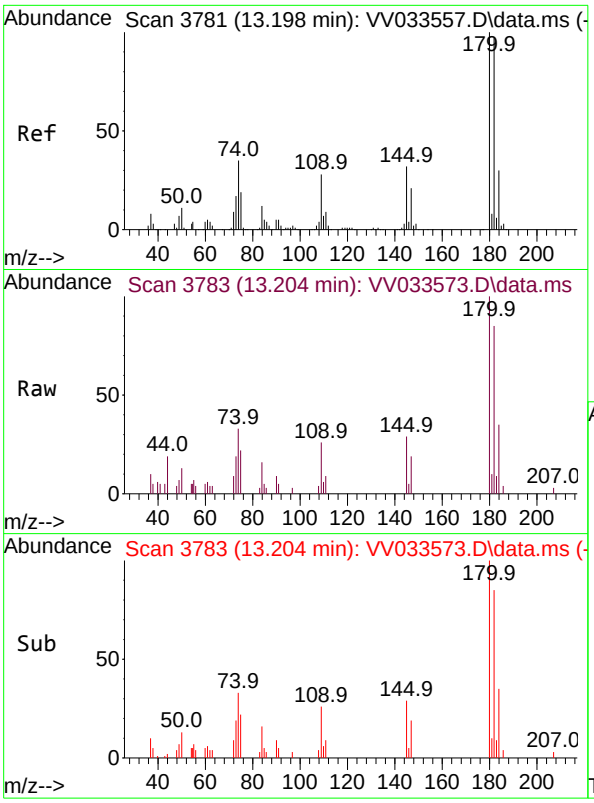


#69
1,3,5-Trichlorobenzene
Concen: 0.878 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.006 min
Lab File: VV033573.D
Acq: 10 Jan 2024 20:17

Tgt Ion:180 Resp: 2416

Ion	Ratio	Lower	Upper
180	100		
182	98.8	76.2	114.2
184	30.4	23.9	35.9
145	32.3	24.4	36.6



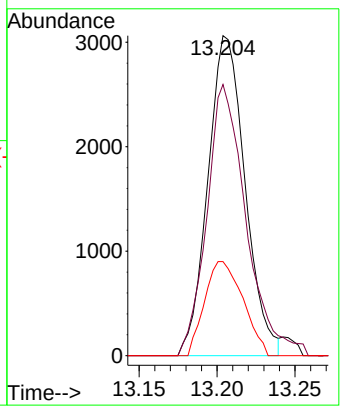


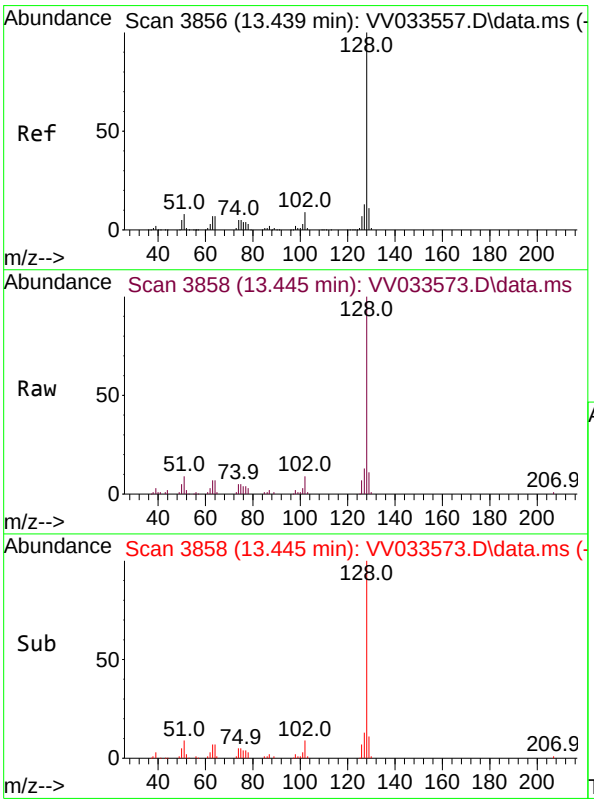
#70
1,2,4-trichlorobenzene
Concen: 2.038 ug/L
RT: 13.204 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV033573.D
Acq: 10 Jan 2024 20:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 5090

Ion	Ratio	Lower	Upper
180	100		
182	88.8	76.3	114.5
145	30.2	25.4	38.0

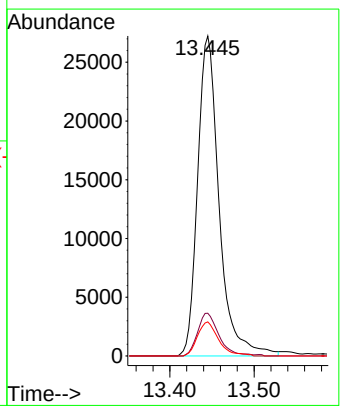


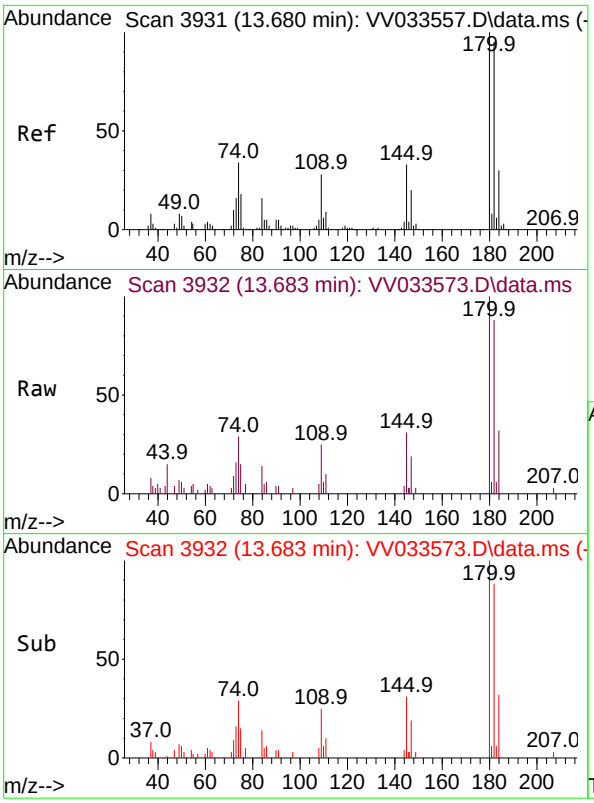


#71
Naphthalene
Concen: 7.414 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.006 min
Lab File: VV033573.D
Acq: 10 Jan 2024 20:17

Tgt Ion:128 Resp: 48398

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.5	8.6	13.0





#72
1,2,3-Trichlorobenzene
Concen: 2.860 ug/L
RT: 13.683 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV033573.D
Acq: 10 Jan 2024 20:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 6668

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	33.0	26.3	39.5