Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
Data File : VV037172.D
Acq On : 29 Aug 2024 21:26
Operator : SY/MD
Sample : P3785-04 100X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SX2

Manual Integrations APPROVED

Reviewed By :John Carlone 08/30/2024
Supervised By :Mahesh Dadoda 08/30/2024

Quant Time: Aug 30 01:43:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 30 01:20:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	603830	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	590850	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	285558	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	225570	40.838	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.680%		
7) Chloroethane-d5	1.529	69	190942	44.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.460%		
11) 1,1-Dichloroethene-d2	2.056	65	98679	42.505	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.020%		
21) 2-Butanone-d5	3.796	46	205501	96.073	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.070%		
24) Chloroform-d	4.243	84	406340	47.003	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.000%		
26) 1,2-Dichloroethane-d4	4.937	65	259738	47.710	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.420%		
32) Benzene-d6	4.953	84	831374	46.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.180%		
36) 1,2-Dichloropropane-d6	5.985	67	264959	47.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.800%		
41) Toluene-d8	7.239	98	720196	44.716	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.440%		
43) trans-1,3-Dichloroprop...	7.551	79	102476	39.627	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.260%		
47) 2-Hexanone-d5	8.024	63	133266	87.359	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.360%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	308807	45.553	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.100%		
66) 1,2-Dichlorobenzene-d4	11.554	152	275105m	48.102	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.200%		
Target Compounds						Qvalue
33) Benzene	5.002	78	744512	43.663	ug/L	100
51) Chlorobenzene	8.808	112	4297376	365.623	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	192476	22.516	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	1637070	187.111	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	2003703	238.385	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	257806	46.029	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	53571	9.706	ug/L	97

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

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Instrument :
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ClientSampleId :
C0SX2

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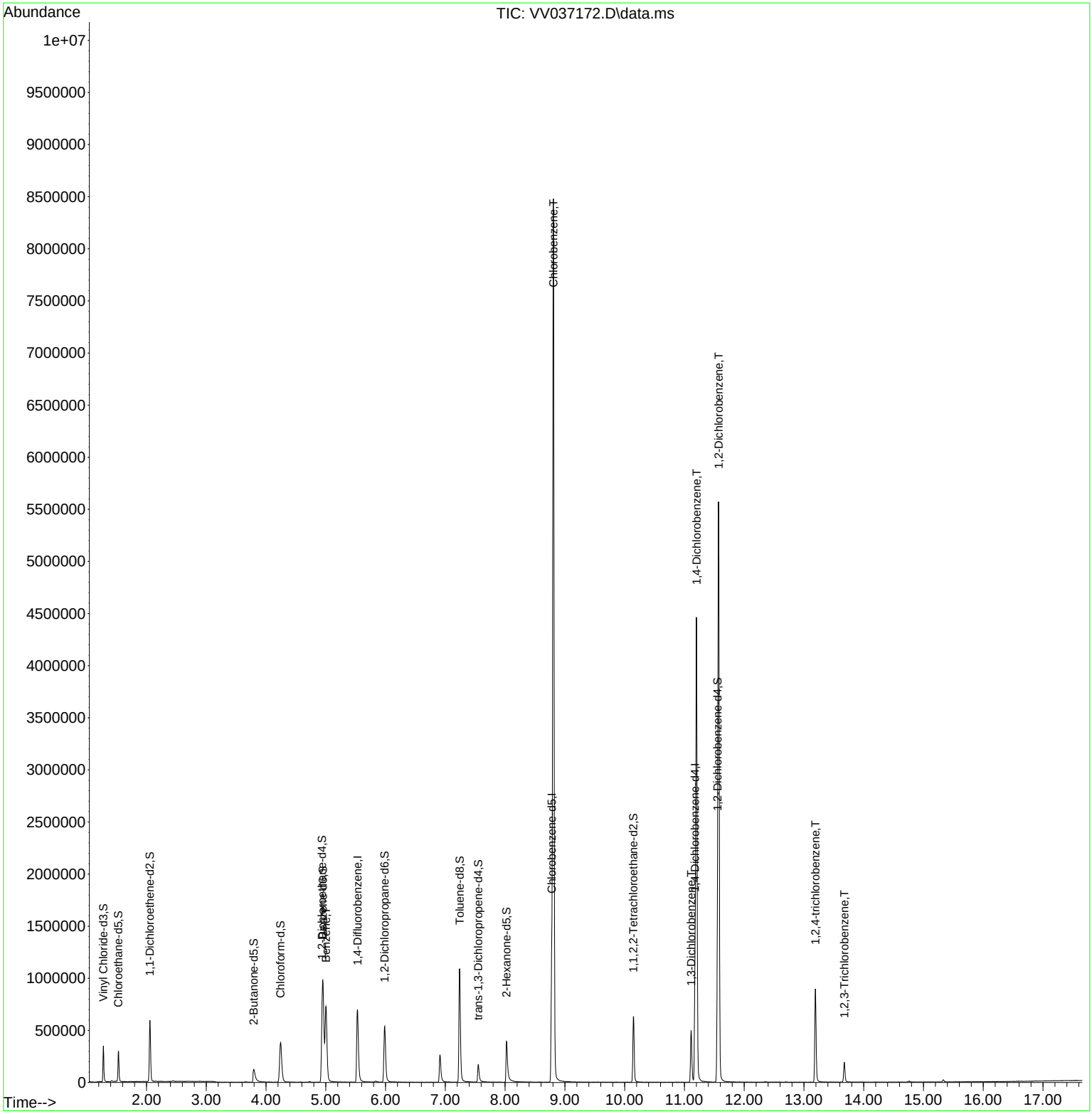

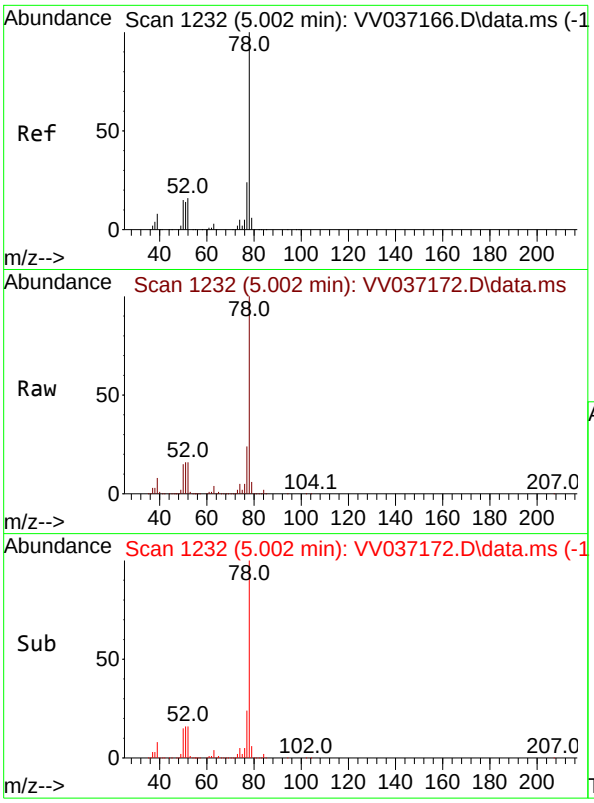

#33
Benzene
Concen: 43.663 ug/L
RT: 5.002 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV037172.D
Acq: 29 Aug 2024 21:26

Tgt Ion: 78 Resp: 74451

Instrument :
MSVOA_V
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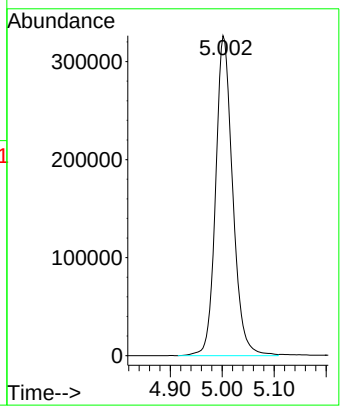
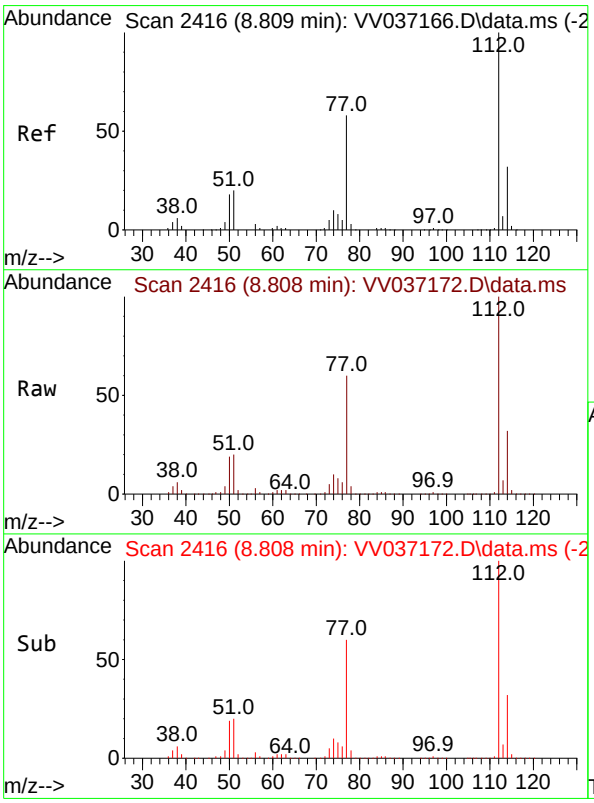
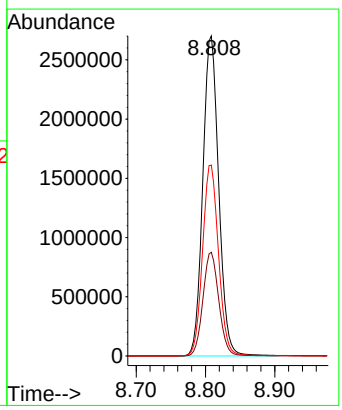


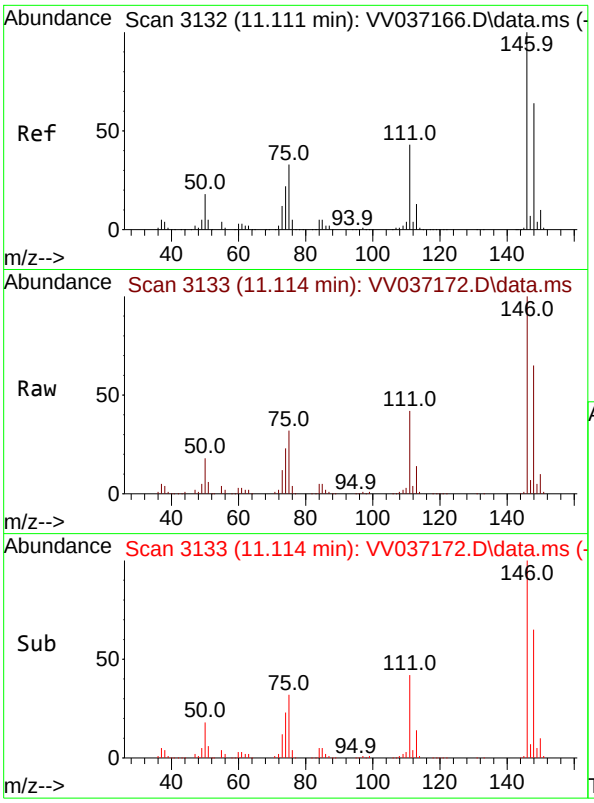


#51
Chlorobenzene
Concen: 365.623 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037172.D
Acq: 29 Aug 2024 21:26

Tgt Ion:112 Resp: 4297376

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.5
77	59.7	47.8	71.8

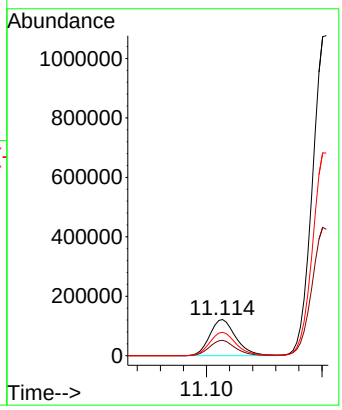




#64
1,3-Dichlorobenzene
Concen: 22.516 ug/L
RT: 11.114 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV037172.D
Acq: 29 Aug 2024 21:26

Tgt Ion:146 Resp: 19247

Ion	Ratio	Lower	Upper
146	100		
111	42.3	29.7	55.1
148	64.7	44.8	83.2



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ClientSampleId :
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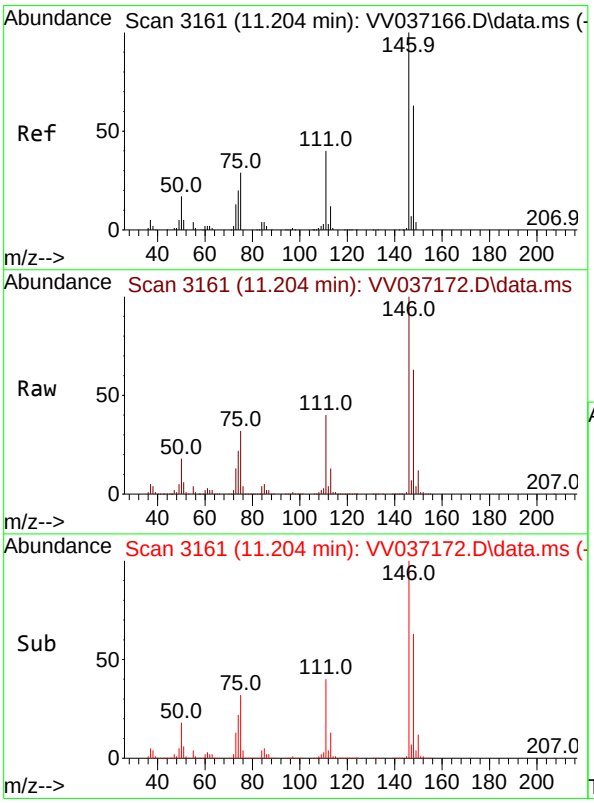
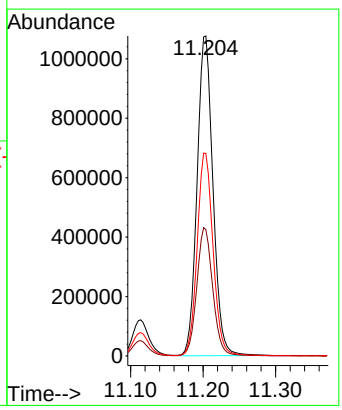
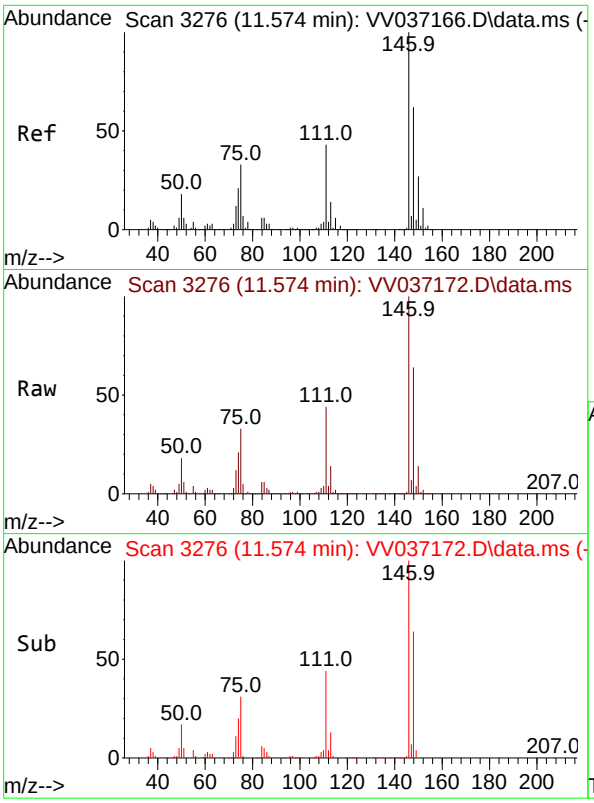


#65
1,4-Dichlorobenzene
Concen: 187.111 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV037172.D
Acq: 29 Aug 2024 21:26

Tgt Ion:146 Resp: 1637070

Ion	Ratio	Lower	Upper
146	100		
111	39.5	28.1	52.1
148	63.3	44.2	82.0

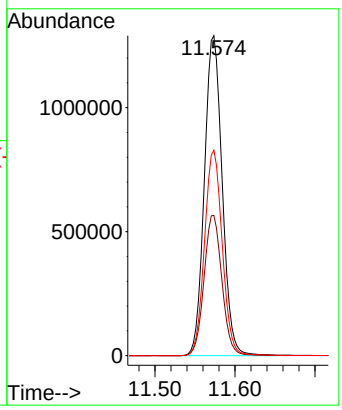




#67
1,2-Dichlorobenzene
Concen: 238.385 ug/L
RT: 11.574 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV037172.D
Acq: 29 Aug 2024 21:26

Tgt Ion:146 Resp: 200370

Ion	Ratio	Lower	Upper
146	100		
111	43.9	34.6	51.8
148	64.2	50.2	75.4



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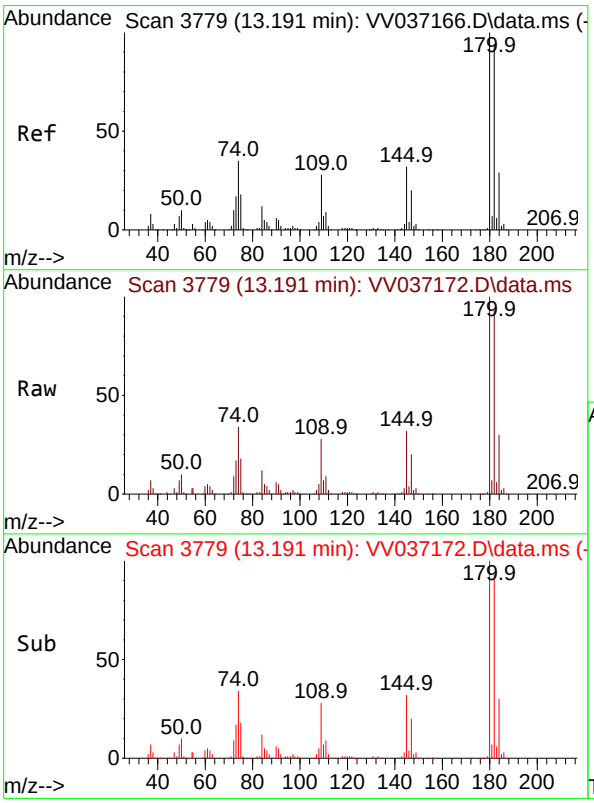
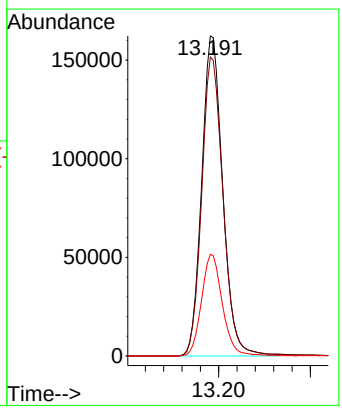
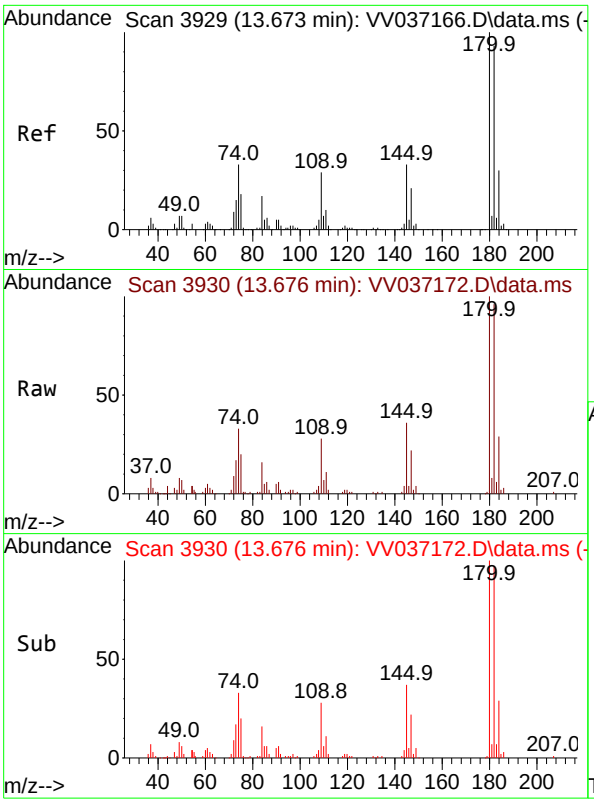


#70
1,2,4-trichlorobenzene
Concen: 46.029 ug/L
RT: 13.191 min Scan# 3779
Delta R.T. -0.000 min
Lab File: VV037172.D
Acq: 29 Aug 2024 21:26

Tgt Ion:180 Resp: 257806

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.7	113.5
145	31.6	26.0	39.0

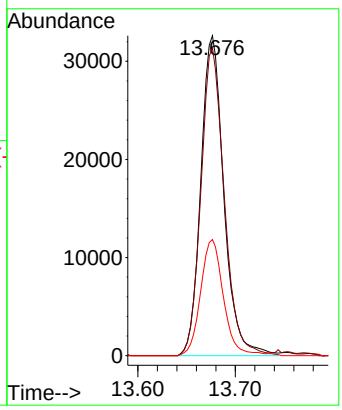




#72
1,2,3-Trichlorobenzene
Concen: 9.706 ug/L
RT: 13.676 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV037172.D
Acq: 29 Aug 2024 21:26

Tgt Ion:180 Resp: 5357

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.1	112.7
145	35.9	27.0	40.4



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