Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
Data File : VU048251.D
Acq On : 23 Apr 2022 17:13
Operator : SY/MD
Sample : N2488-10DL 1000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 25 01:27:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 25 01:24:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	291521	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	294447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133880	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103307	48.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.740%			
7) Chloroethane-d5	1.900	69	80525	48.308	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.620%			
11) 1,1-Dichloroethene-d2	2.565	63	126136	32.612	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.220%			
21) 2-Butanone-d5	4.626	46	165957	91.462	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.460%			
24) Chloroform-d	5.063	84	177614	45.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.840%			
26) 1,2-Dichloroethane-d4	5.703	65	111895	47.166	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.340%			
32) Benzene-d6	5.729	84	367653	49.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.240%			
36) 1,2-Dichloropropane-d6	6.690	67	123677	54.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.700%			
41) Toluene-d8	7.899	98	309343	42.853	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.700%			
43) trans-1,3-Dichloroprop...	8.179	79	44094	38.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.500%			
47) 2-Hexanone-d5	8.636	63	104915	78.764	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 78.760%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	192451	49.283	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.560%			
66) 1,2-Dichlorobenzene-d4	12.195	152	120391	50.545	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.100%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1126	0.524	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1084	0.542	ug/L #	1
16) Methylene chloride	3.047	84	7597	3.311	ug/L	96
33) Benzene	5.774	78	92050	10.800	ug/L	100
35) Methylcyclohexane	6.690	83	28151	8.281	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	11494	5.305	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2517	0.749	ug/L #	56
51) Chlorobenzene	9.446	112	259643	40.891	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	3096	1.227	ug/L #	45
64) 1,3-Dichlorobenzene	11.745	146	11711	2.912	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	94307	22.639	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	105730	26.275	ug/L	97
69) 1,3,5-Trichlorobenzene	13.841	180	15445	4.729	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	15445	5.399	ug/L	97

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

Quantitation Report (Not Reviewed)

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ALS Vial : 41 Sample Multiplier: 1

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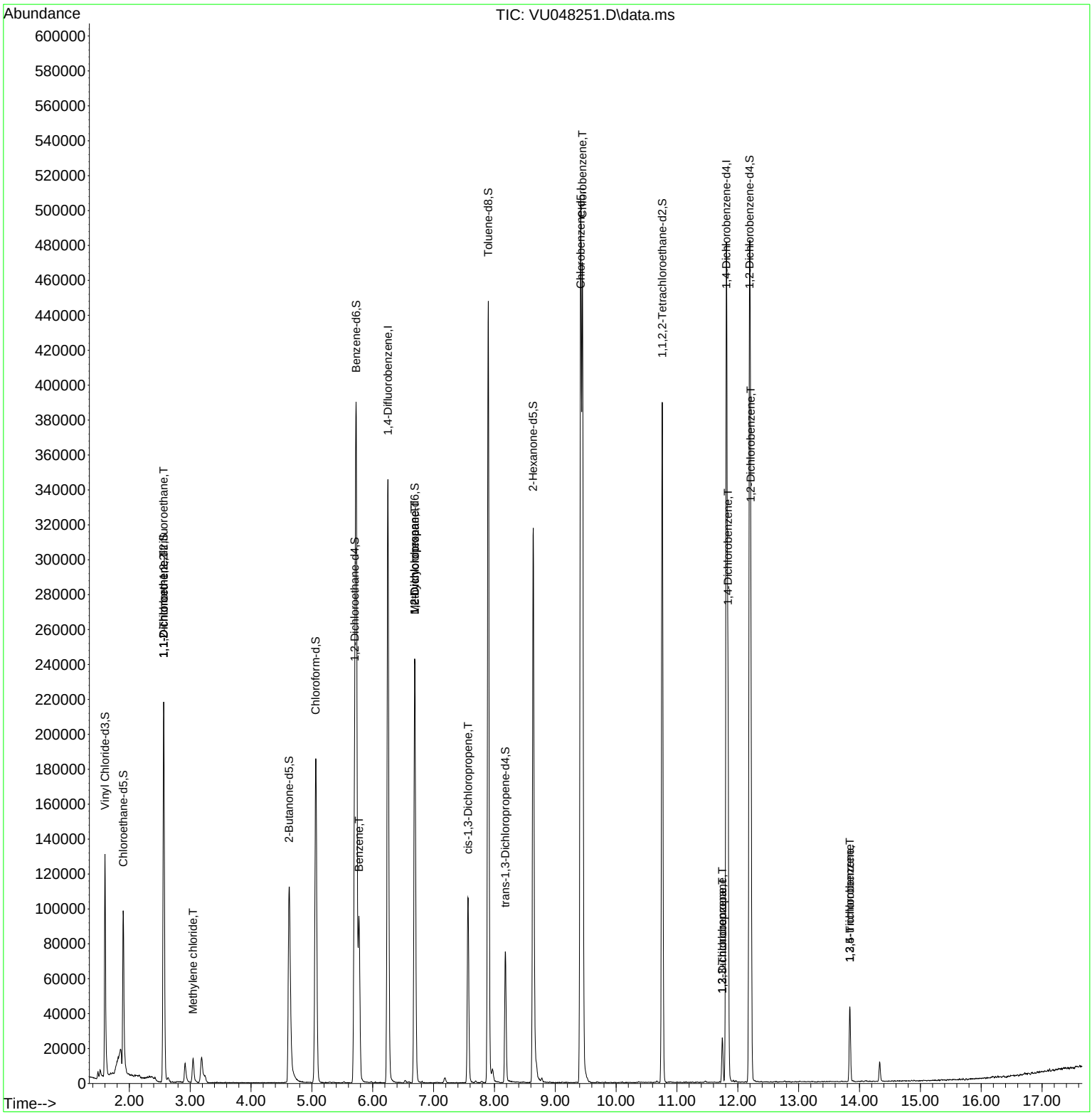
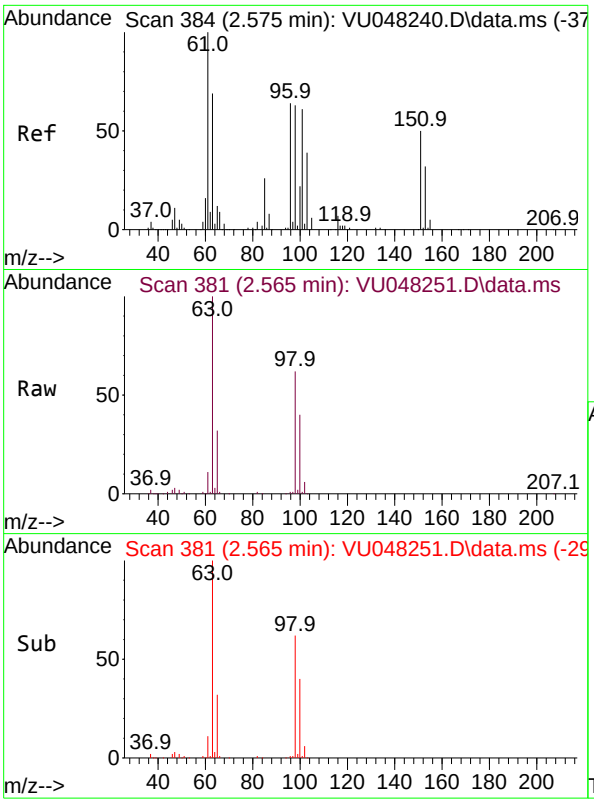
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 25 01:24:32 2022
Response via : Initial Calibration

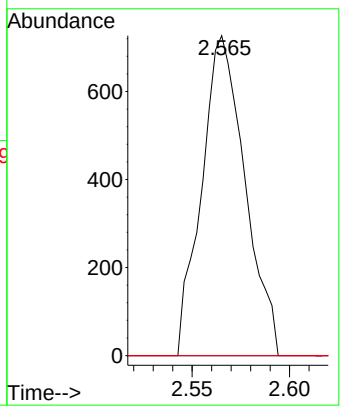


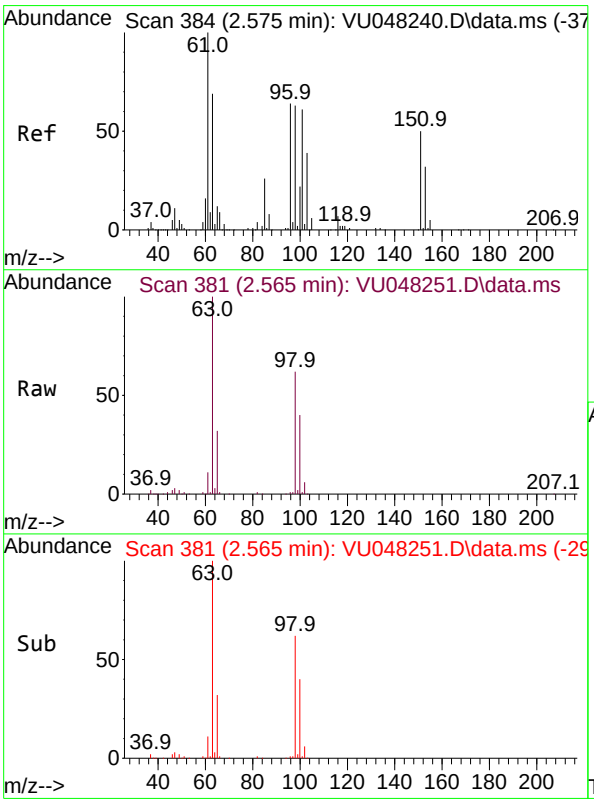


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.524 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion:101 Resp: 1126

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.8	49.2#
151	0.0	63.0	94.6#

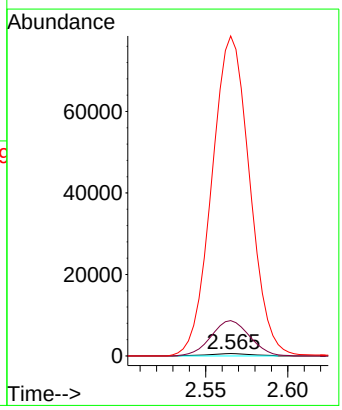


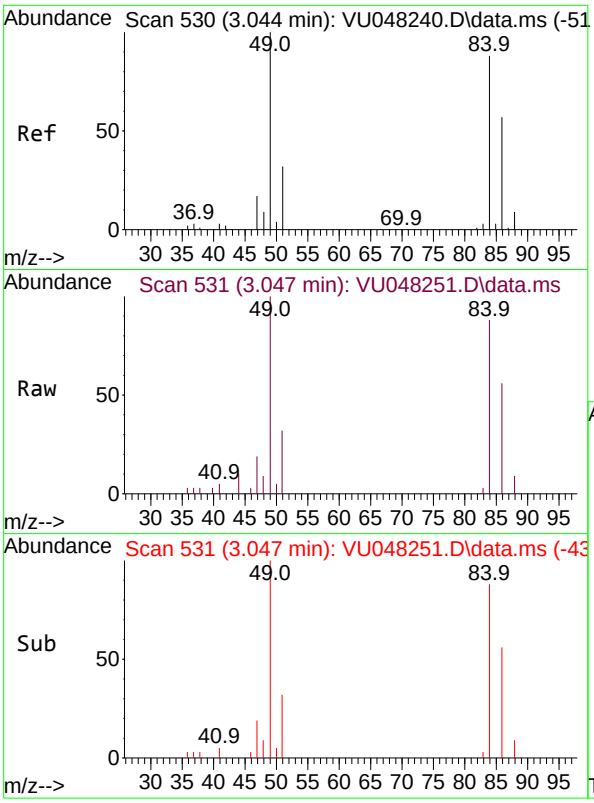


#12
1,1-Dichloroethene
Concen: 0.542 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion: 96 Resp: 1084

Ion	Ratio	Lower	Upper
96	100		
61	1466.2	113.1	210.1#
63	13266.2	94.8	176.0#

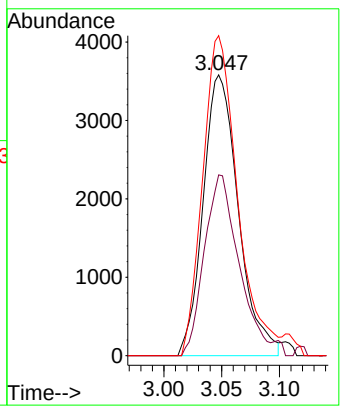


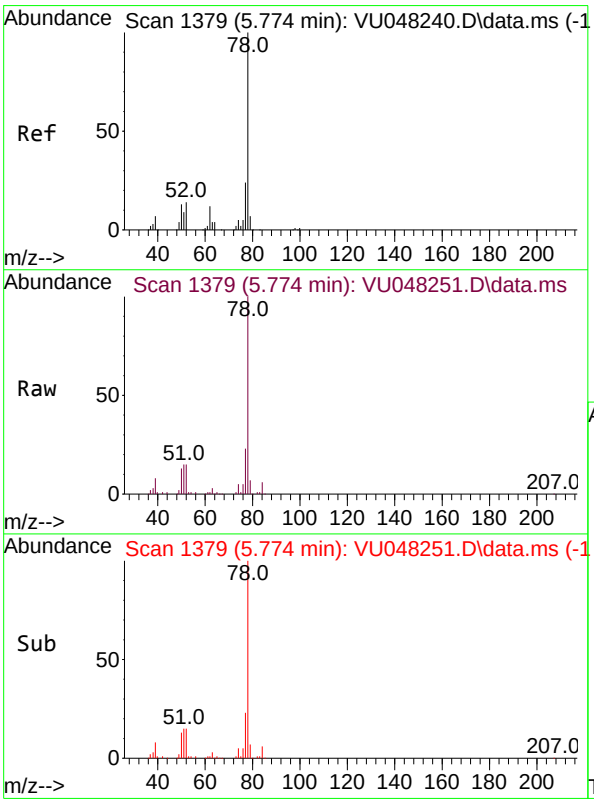


#16
Methylene chloride
Concen: 3.311 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion: 84 Resp: 7597

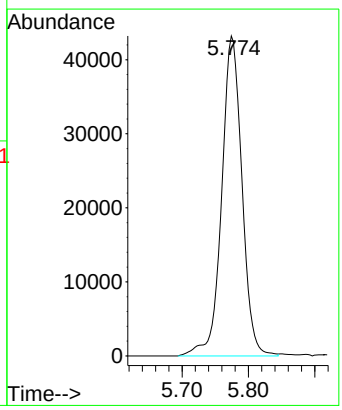
Ion	Ratio	Lower	Upper
84	100		
86	64.4	46.0	85.4
49	113.9	75.3	139.8

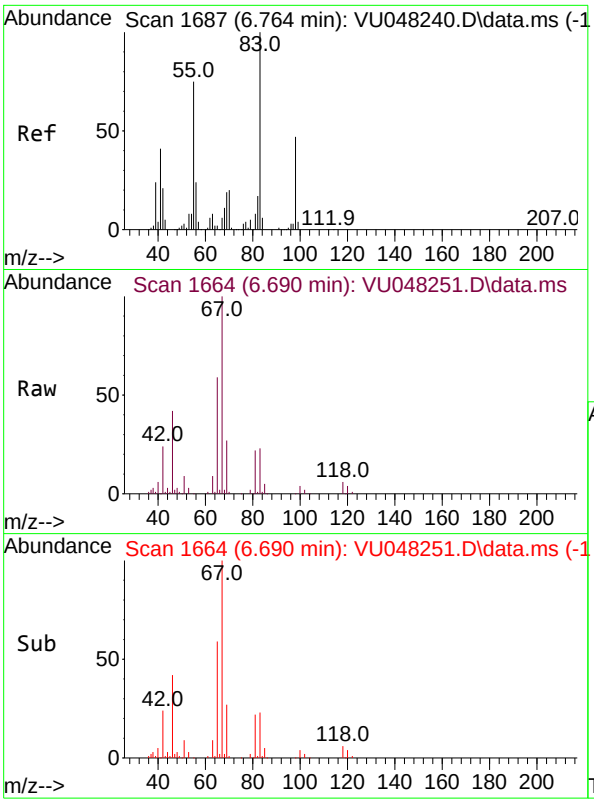




#33
Benzene
Concen: 10.800 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion: 78 Resp: 92050

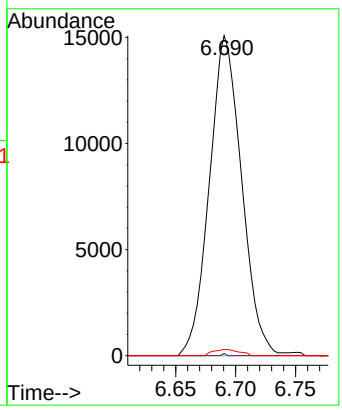


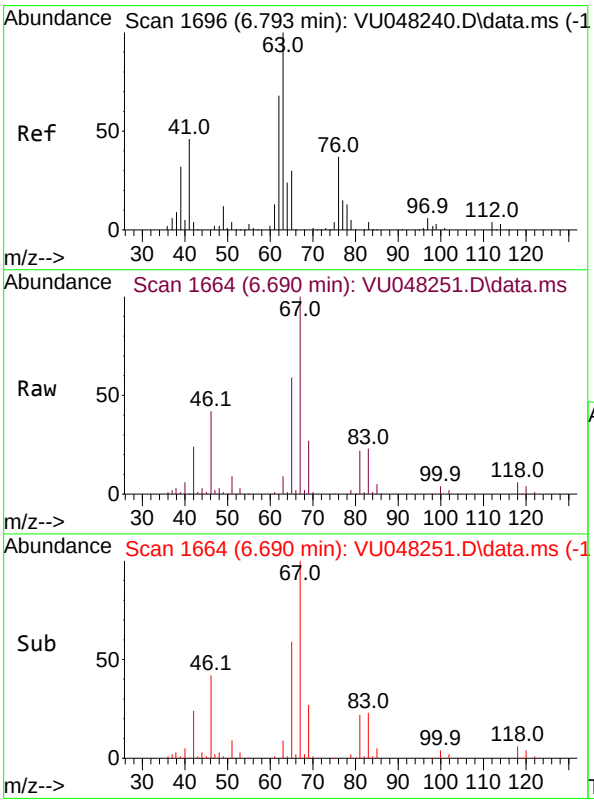


#35
Methylcyclohexane
Concen: 8.281 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion: 83 Resp: 28151

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.8	85.2#
98	1.6	38.1	57.1#

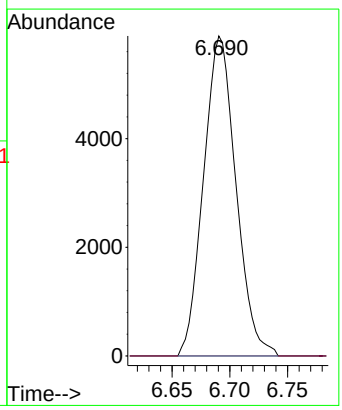


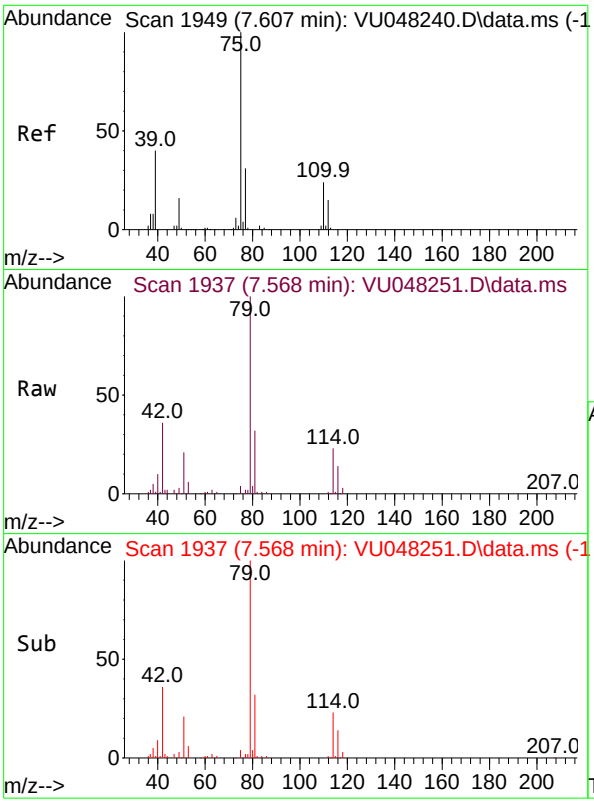


#37
1,2-Dichloropropane
Concen: 5.305 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion: 63 Resp: 11494

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

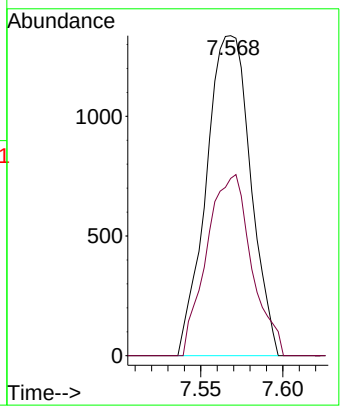


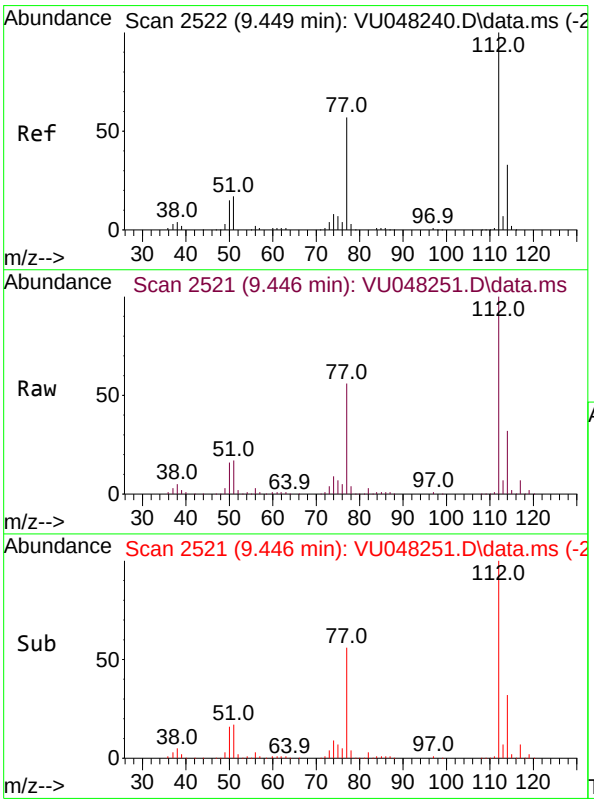


#39
cis-1,3-Dichloropropene
Concen: 0.749 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.038 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion: 75 Resp: 2517

Ion	Ratio	Lower	Upper
75	100		
77	55.4	21.8	40.6#

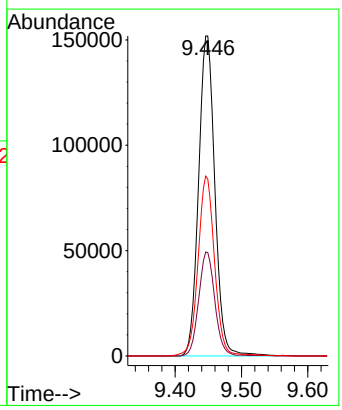


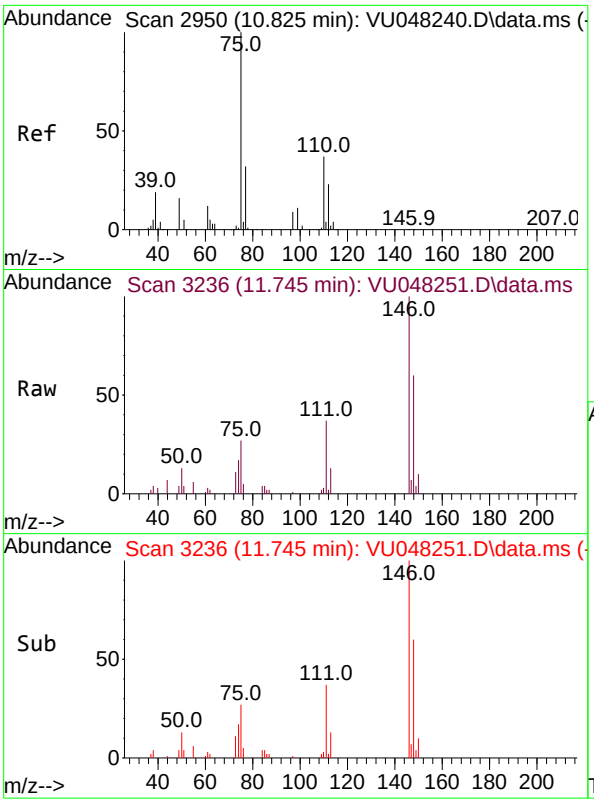


#51
Chlorobenzene
Concen: 40.891 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion:112 Resp: 259643

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.1	41.1
77	56.2	43.4	65.0

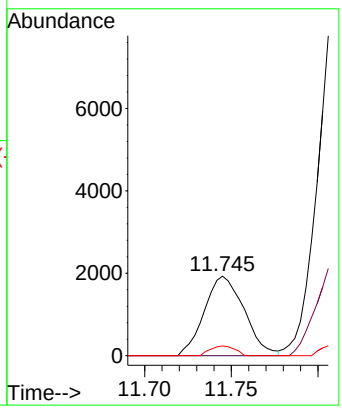


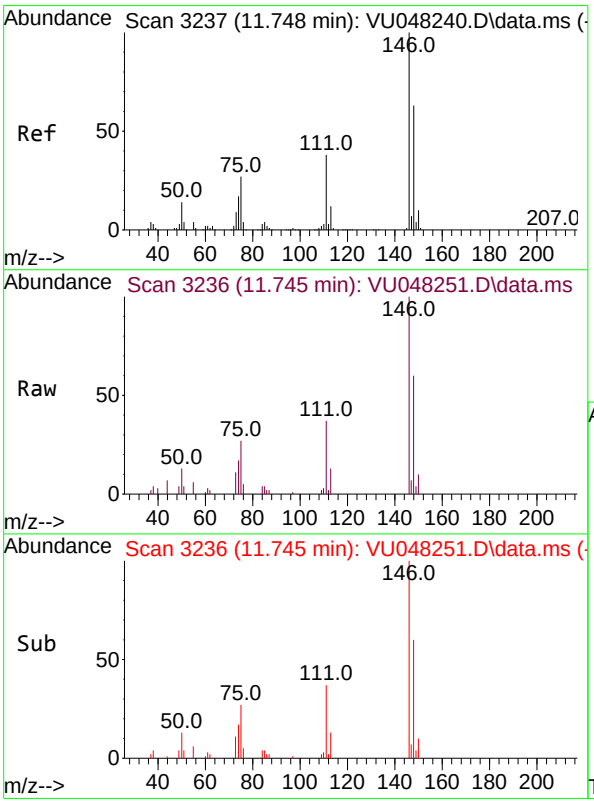


#60
1,2,3-Trichloropropane
Concen: 1.227 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.920 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion: 75 Resp: 3096

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#
110	7.5	31.4	47.2#

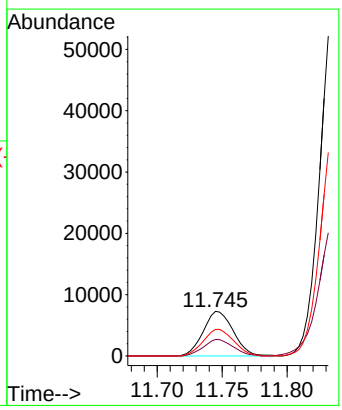


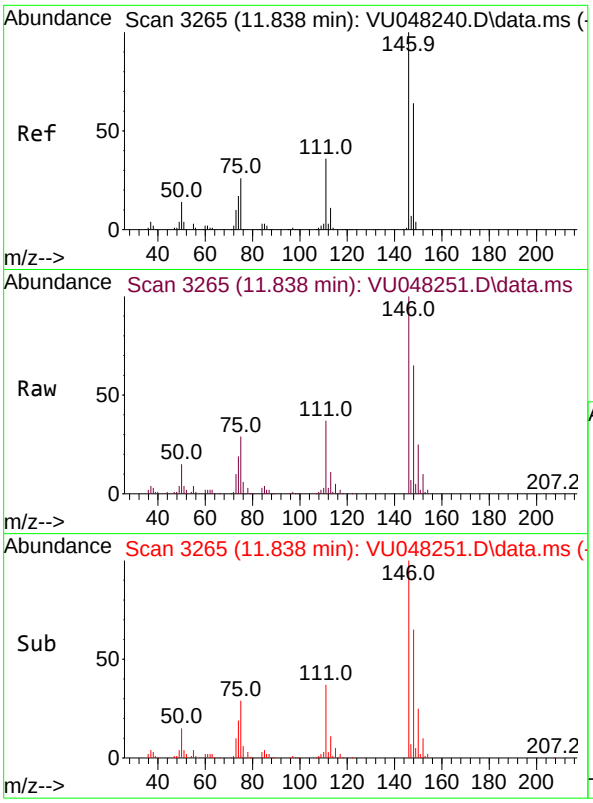


#64
1,3-Dichlorobenzene
Concen: 2.912 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion:146 Resp: 11711

Ion	Ratio	Lower	Upper
146	100		
111	36.9	26.7	49.7
148	59.6	44.4	82.5

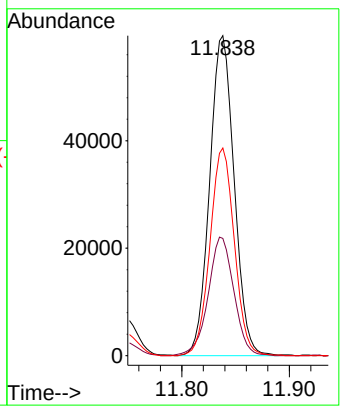


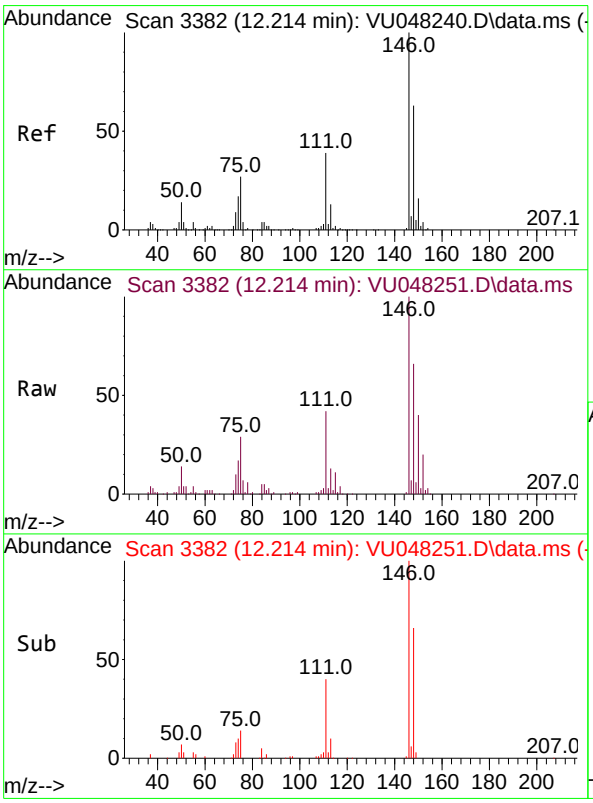


#65
1,4-Dichlorobenzene
Concen: 22.639 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion:146 Resp: 94307

Ion	Ratio	Lower	Upper
146	100		
111	36.7	25.3	47.1
148	64.9	44.5	82.7

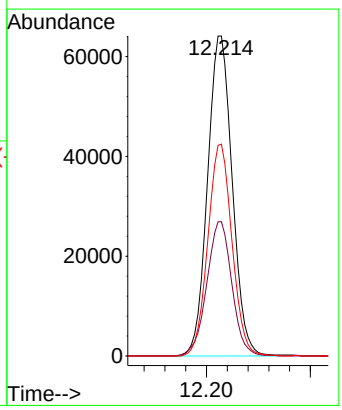


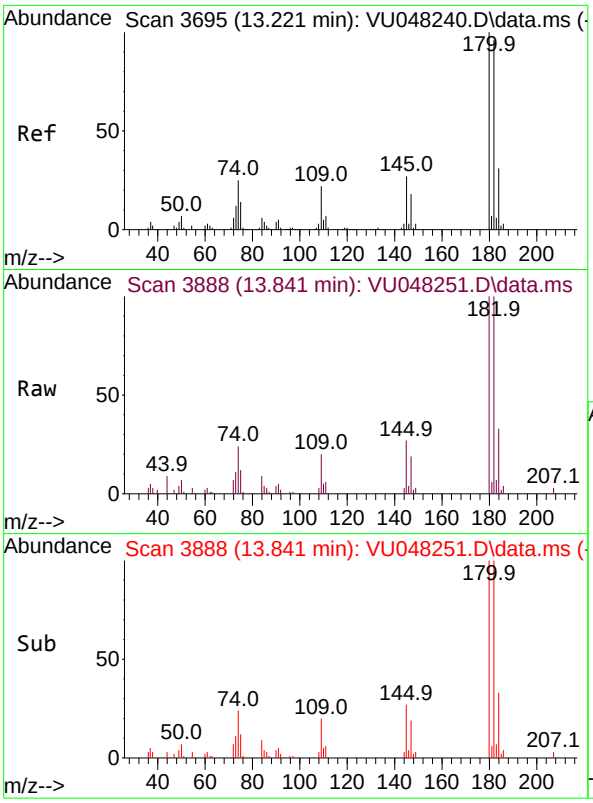


#67
1,2-Dichlorobenzene
Concen: 26.275 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion:146 Resp: 105730

Ion	Ratio	Lower	Upper
146	100		
111	41.9	31.7	47.5
148	66.2	51.4	77.2

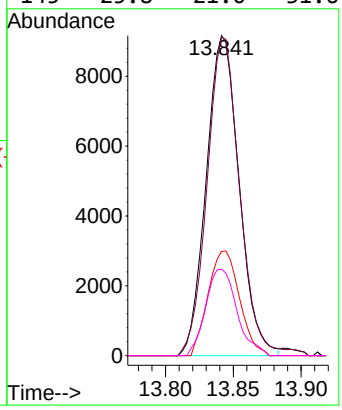


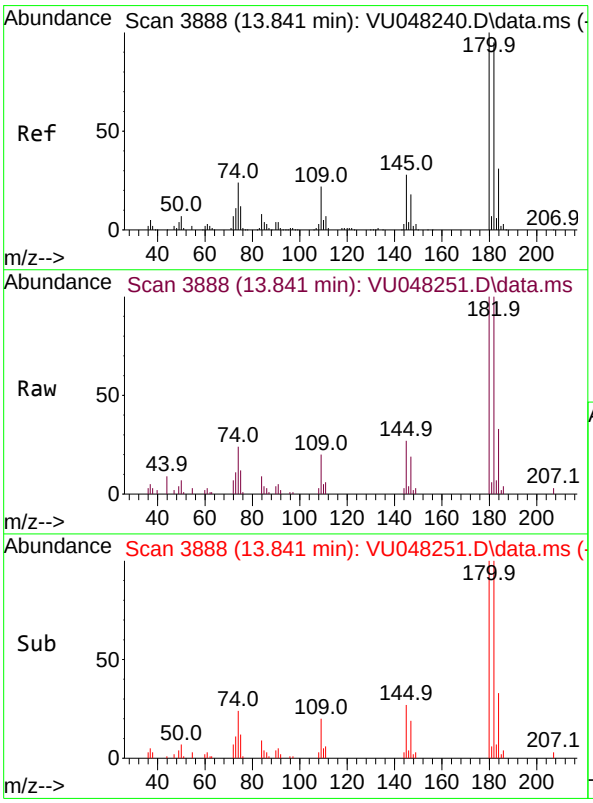


#69
1,3,5-Trichlorobenzene
Concen: 4.729 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion:180 Resp: 15445

Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.0	115.6
184	31.3	24.5	36.7
145	25.8	21.0	31.6





#70
1,2,4-trichlorobenzene
Concen: 5.399 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048251.D
Acq: 23 Apr 2022 17:13

Tgt Ion:180 Resp: 15445

Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.2	114.2
145	25.8	21.8	32.8