Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
Data File : VU052931.D
Acq On : 02 Feb 2023 17:22
Operator : JC/MD
Sample : 01381-17DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 03 00:27:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 03 00:24:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	234390	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	224449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113455	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67516	40.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.040%			
7) Chloroethane-d5	1.906	69	65752	47.301	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	2.559	63	109437	32.615	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.220%			
21) 2-Butanone-d5	4.626	46	82466	79.129	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.130%			
24) Chloroform-d	5.057	84	162932	45.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.500%			
26) 1,2-Dichloroethane-d4	5.697	65	109490	47.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.260%			
32) Benzene-d6	5.719	84	307975	44.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.820%			
36) 1,2-Dichloropropane-d6	6.684	67	94189	46.834	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.660%			
41) Toluene-d8	7.893	98	269546	43.168	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.340%			
43) trans-1,3-Dichloroprop...	8.176	79	45145	44.786	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.580%			
47) 2-Hexanone-d5	8.645	63	59072	83.594	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.590%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130020	43.757	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.520%			
66) 1,2-Dichlorobenzene-d4	12.188	152	111267	50.507	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.020%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.658	96	16285	8.140	ug/L	87
34) Trichloroethene	6.536	95	132417	68.188	ug/L	97
37) 1,2-Dichloropropane	6.684	63	11279	6.005	ug/L #	85
51) Chlorobenzene	9.443	112	125772	23.346	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	8347	2.258	ug/L	95
65) 1,4-Dichlorobenzene	11.831	146	49992	13.062	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	257716	68.921	ug/L	99
69) 1,3,5-Trichlorobenzene	13.838	180	12356	4.515	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	12356	5.385	ug/L	99

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

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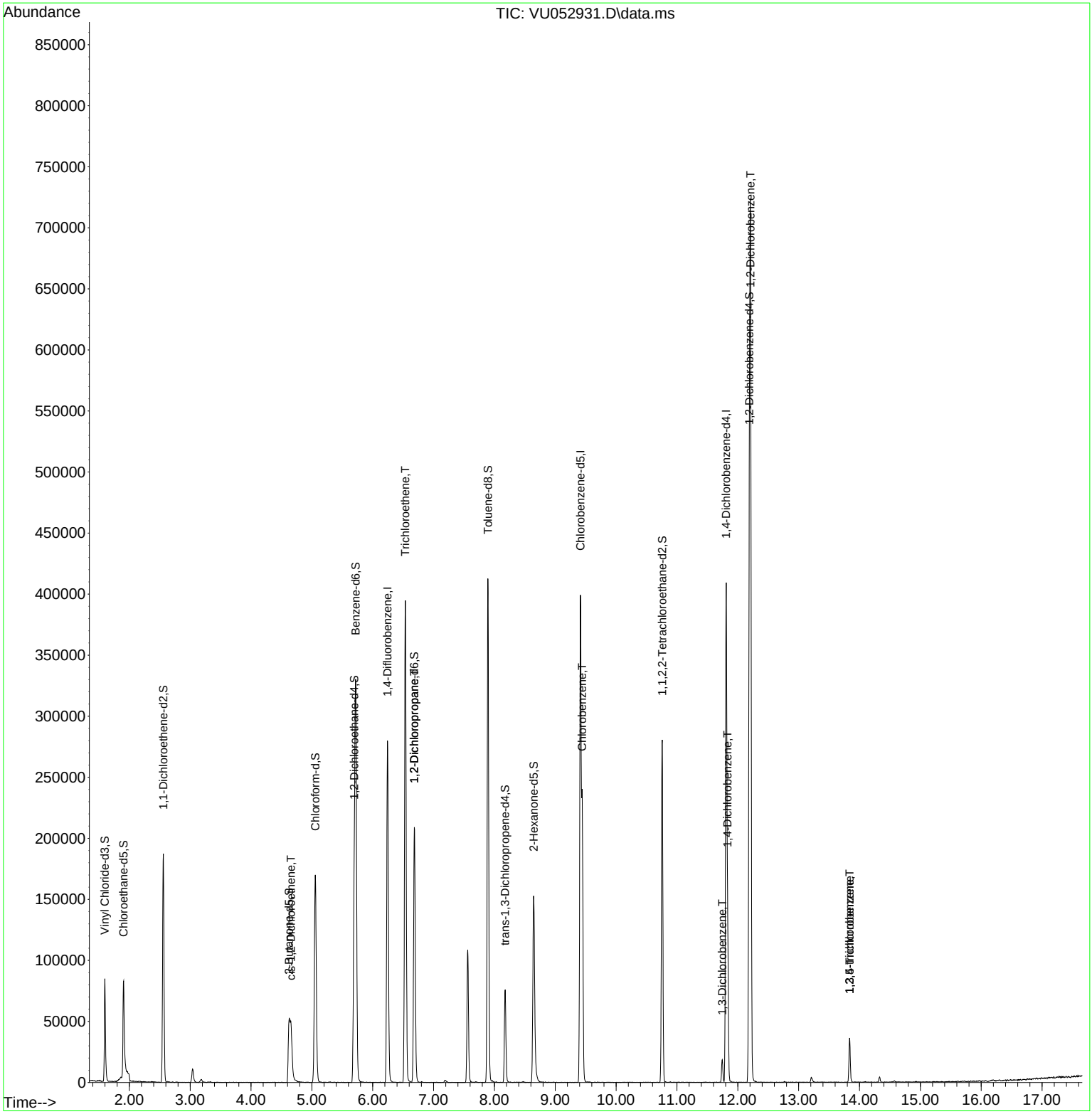
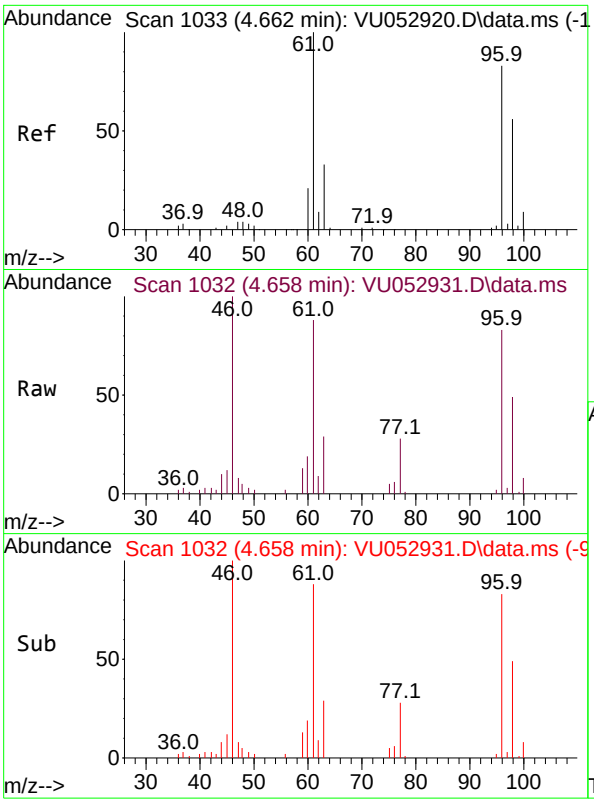
Quant Time: Feb 03 00:27:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 03 00:24:34 2023
Response via : Initial Calibration



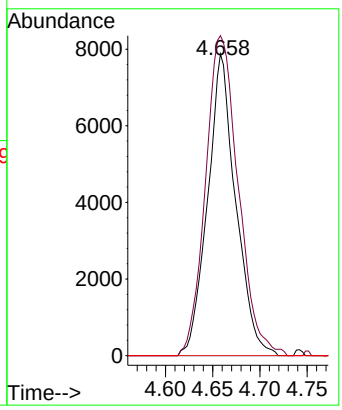


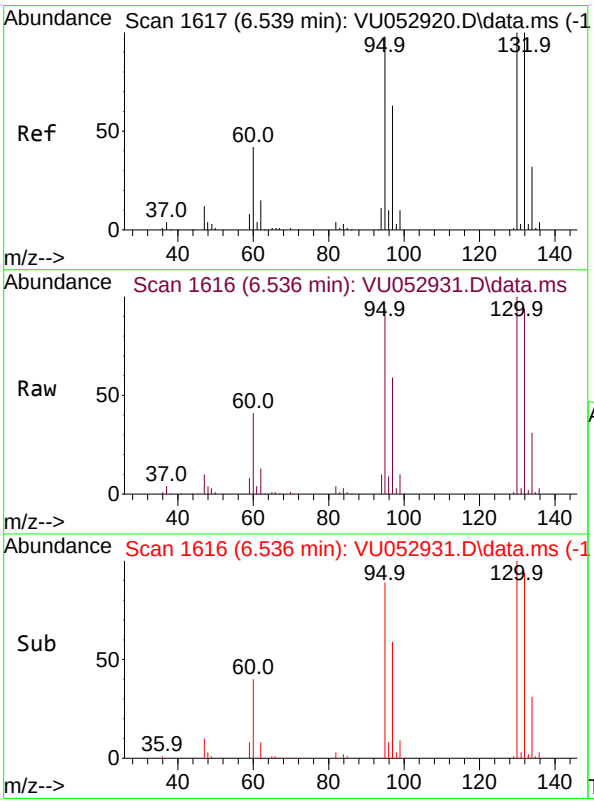
#20
cis-1,2-Dichloroethene
Concen: 8.140 ug/L
RT: 4.658 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 16285

Ion	Ratio	Lower	Upper
96	100		
61	106.0	84.1	156.1
68	0.0	0.0	0.0

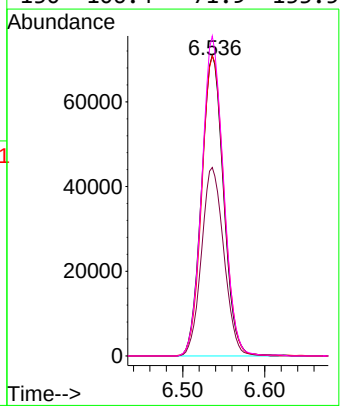


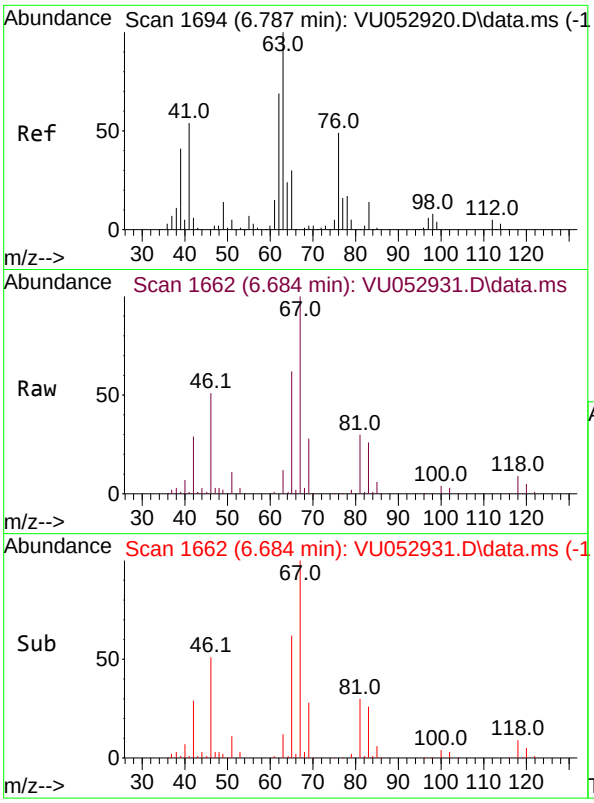


#34
Trichloroethene
Concen: 68.188 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.004 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Tgt Ion: 95 Resp: 132417

Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.5	82.7
132	99.8	66.8	124.0
130	106.4	71.9	133.5



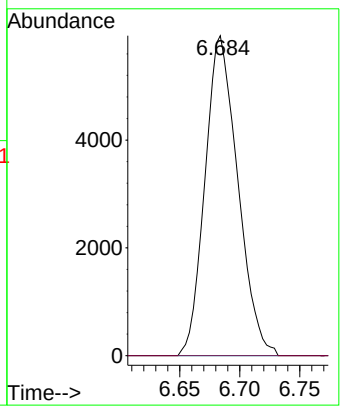


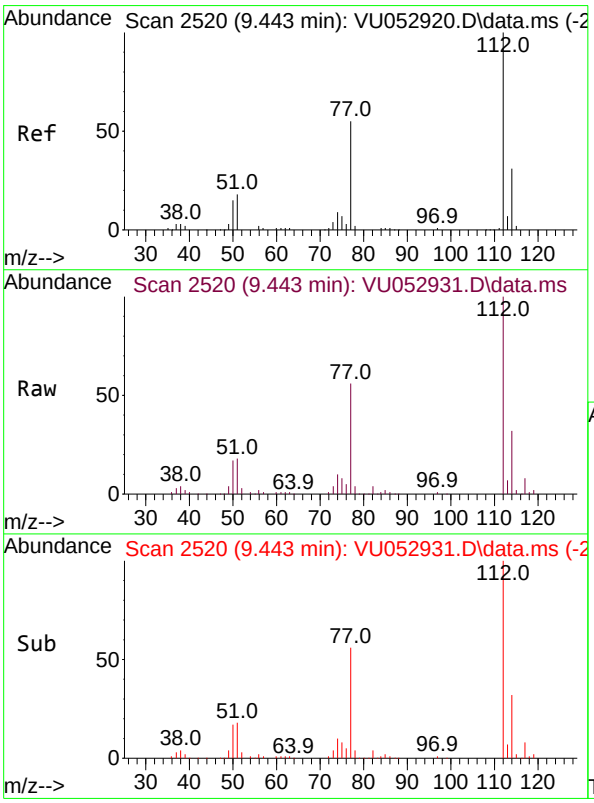
#37
1,2-Dichloropropane
Concen: 6.005 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11279

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

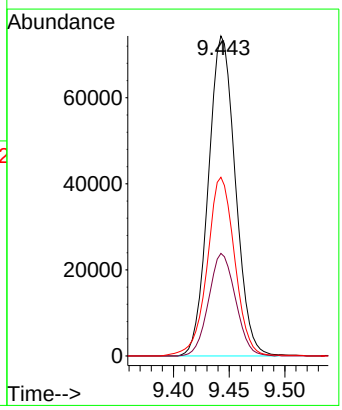


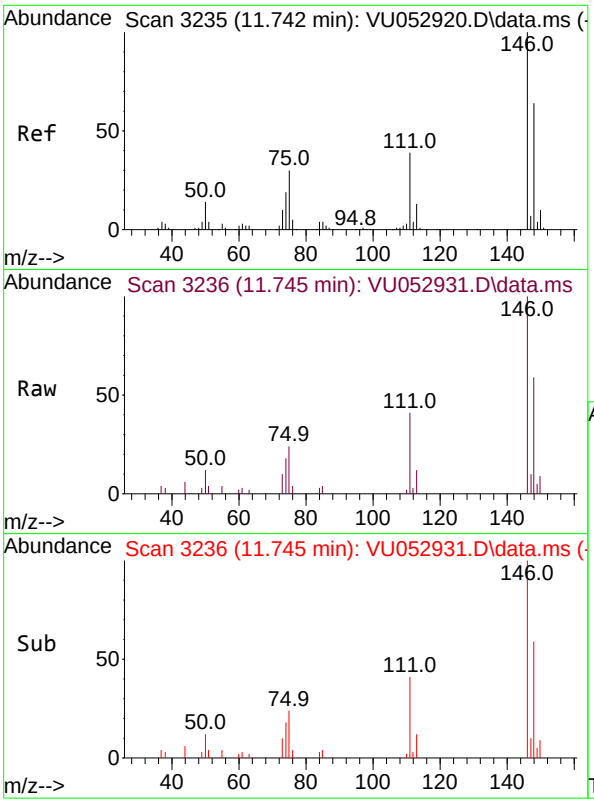


#51
Chlorobenzene
Concen: 23.346 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Tgt Ion:112 Resp: 125772

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.8	42.4
77	55.9	45.9	68.9



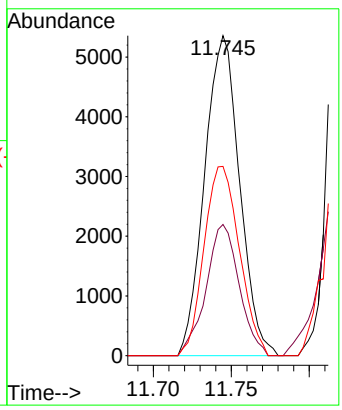


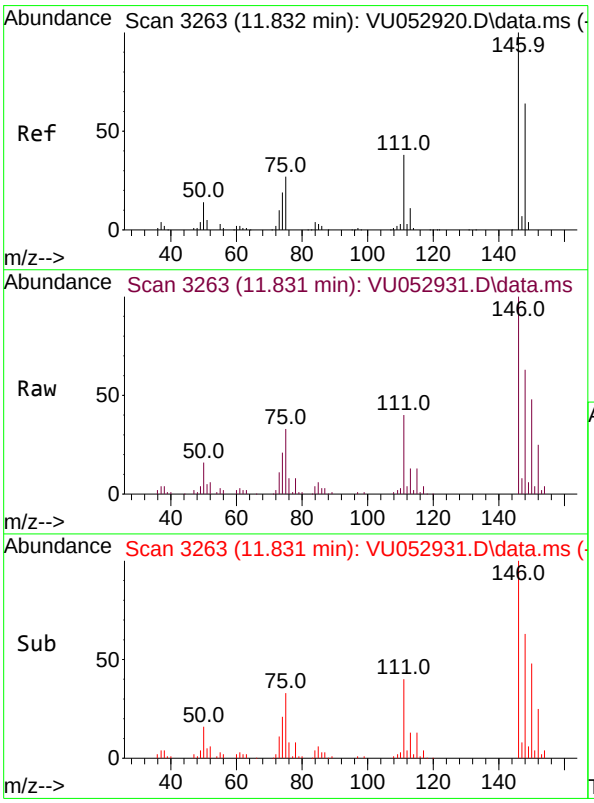
#64
1,3-Dichlorobenzene
Concen: 2.258 ug/L
RT: 11.745 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 8347

Ion	Ratio	Lower	Upper
146	100		
111	41.0	27.8	51.6
148	59.2	45.5	84.5

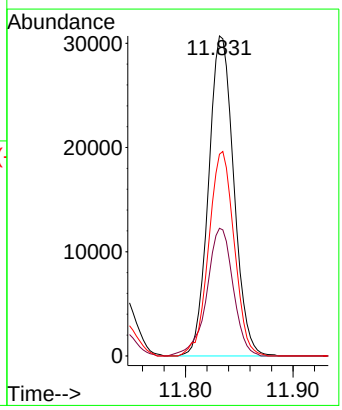


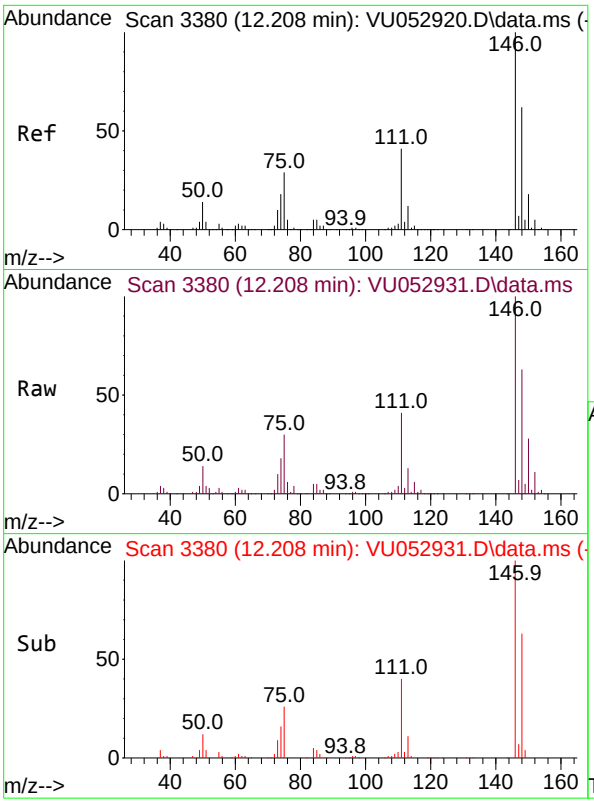


#65
1,4-Dichlorobenzene
Concen: 13.062 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Tgt Ion:146 Resp: 49992

Ion	Ratio	Lower	Upper
146	100		
111	39.9	26.7	49.7
148	63.0	45.6	84.6



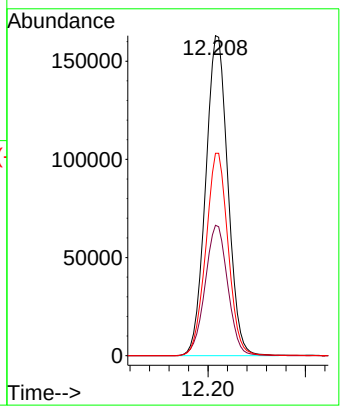


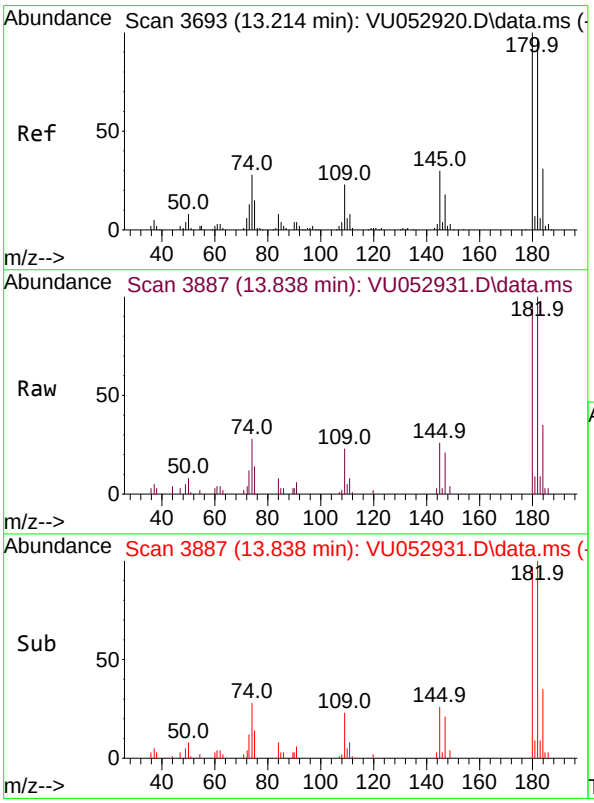
#67
1,2-Dichlorobenzene
Concen: 68.921 ug/L
RT: 12.208 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 257716

Ion	Ratio	Lower	Upper
146	100		
111	40.7	33.2	49.8
148	63.2	50.2	75.4

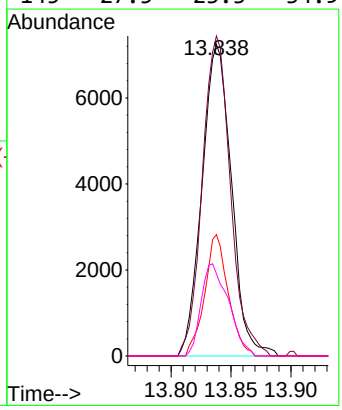


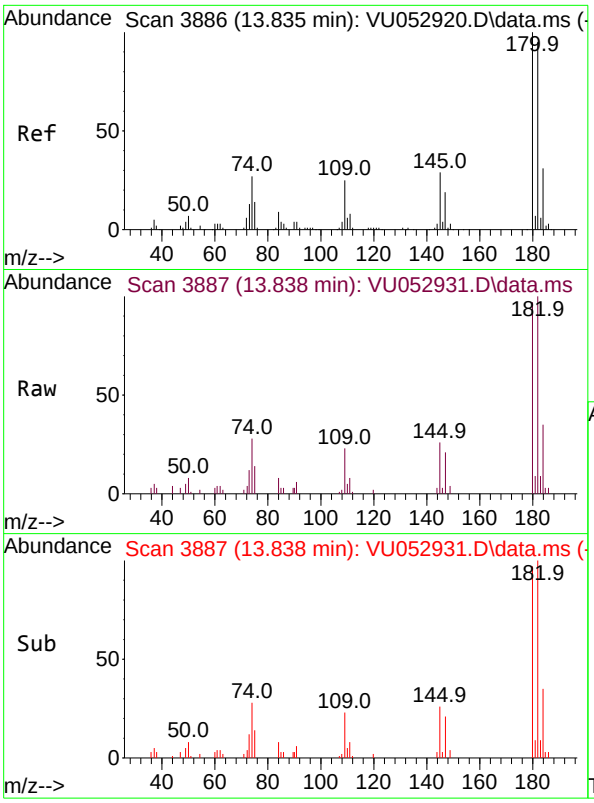


#69
1,3,5-Trichlorobenzene
Concen: 4.515 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.623 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Tgt Ion:180 Resp: 12356

Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.0	115.6
184	31.2	24.4	36.6
145	27.5	23.3	34.9





#70
1,2,4-trichlorobenzene
Concen: 5.385 ug/L
RT: 13.838 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 12356

Ion	Ratio	Lower	Upper
180	100		
182	98.2	78.2	117.2
145	27.5	23.4	35.2