Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
Data File : VU052877.D
Acq On : 31 Jan 2023 14:08
Operator : JC/MD
Sample : 01314-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 01 00:55:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 00:53:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	177195	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	190198	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	80994	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49772	39.026	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.060%			
7) Chloroethane-d5	1.909	69	53498	50.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.820%			
11) 1,1-Dichloroethene-d2	2.565	63	87446	34.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.940%			
21) 2-Butanone-d5	4.620	46	84319	107.022	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.020%			
24) Chloroform-d	5.057	84	143310	52.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.300%			
26) 1,2-Dichloroethane-d4	5.697	65	86180	49.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.180%			
32) Benzene-d6	5.723	84	232868	40.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.140%			
36) 1,2-Dichloropropane-d6	6.687	67	70039	41.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.200%			
41) Toluene-d8	7.893	98	199953	37.789	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.580%#			
43) trans-1,3-Dichloroprop...	8.176	79	34034	39.844	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.680%			
47) 2-Hexanone-d5	8.629	63	56926	95.064	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.060%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	109665	43.553	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.100%			
66) 1,2-Dichlorobenzene-d4	12.189	152	86512	55.009	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.020%			
Target Compounds						Qvalue
8) Chloroethane	1.601	64	799	0.840	ug/L #	1
12) 1,1-Dichloroethene	2.565	96	810	0.618	ug/L #	1
20) cis-1,2-Dichloroethene	4.662	96	10552	6.977	ug/L	93
35) Methylcyclohexane	6.684	83	19242	7.388	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	8050	5.057	ug/L #	85
51) Chlorobenzene	9.443	112	35855	7.854	ug/L	98
60) 1,2,3-Trichloropropane	11.806	75	8438	5.371	ug/L #	64
65) 1,4-Dichlorobenzene	11.832	146	5908	2.162	ug/L	94
67) 1,2-Dichlorobenzene	12.205	146	17567	6.581	ug/L	98

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

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QLast Update : Wed Feb 01 00:53:48 2023
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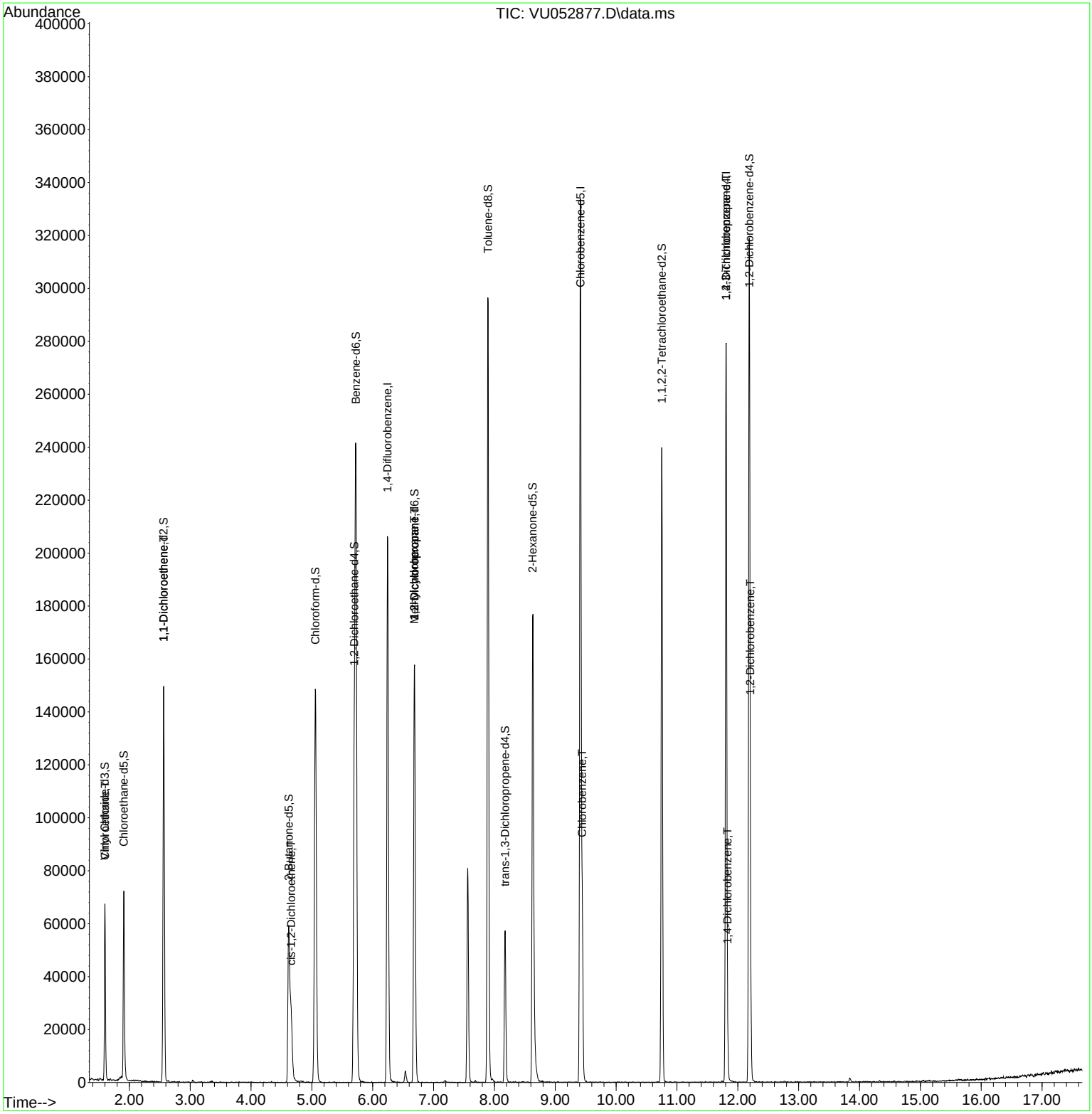
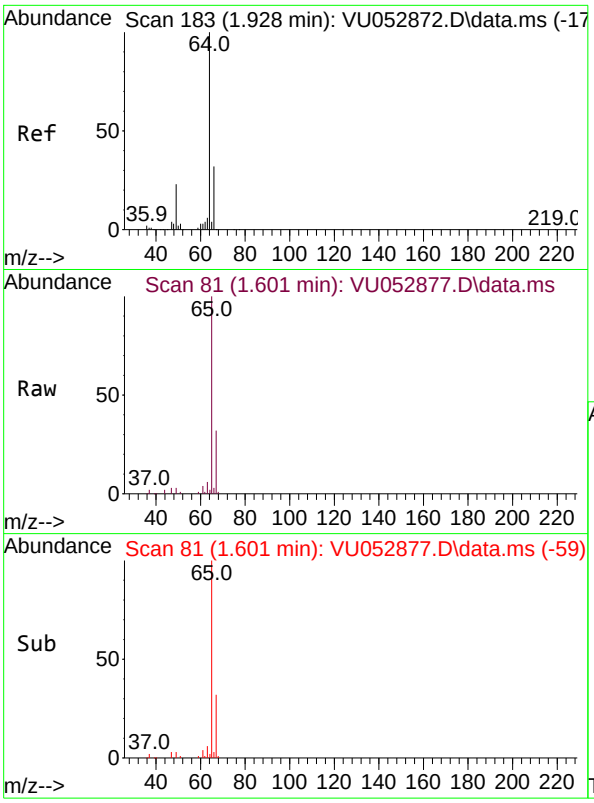


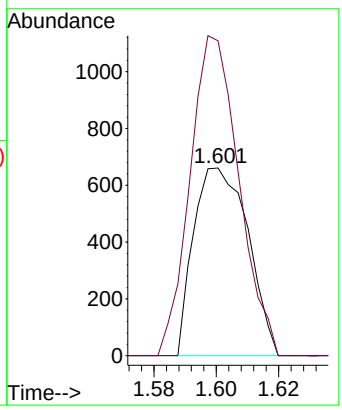


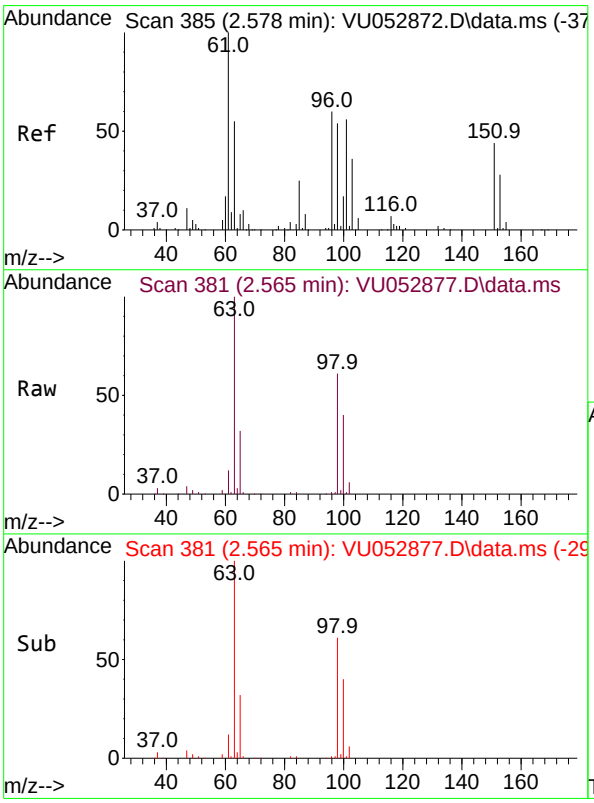
#8
Chloroethane
Concen: 0.840 ug/L
RT: 1.601 min Scan# 8
Delta R.T. -0.328 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 799

Ion	Ratio	Lower	Upper
64	100		
66	167.8	24.1	44.7#

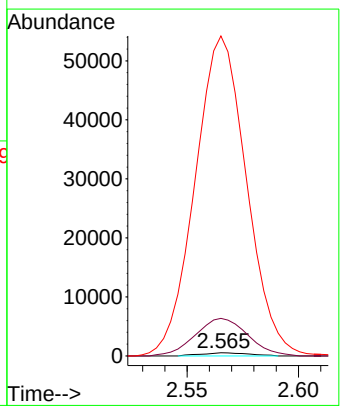


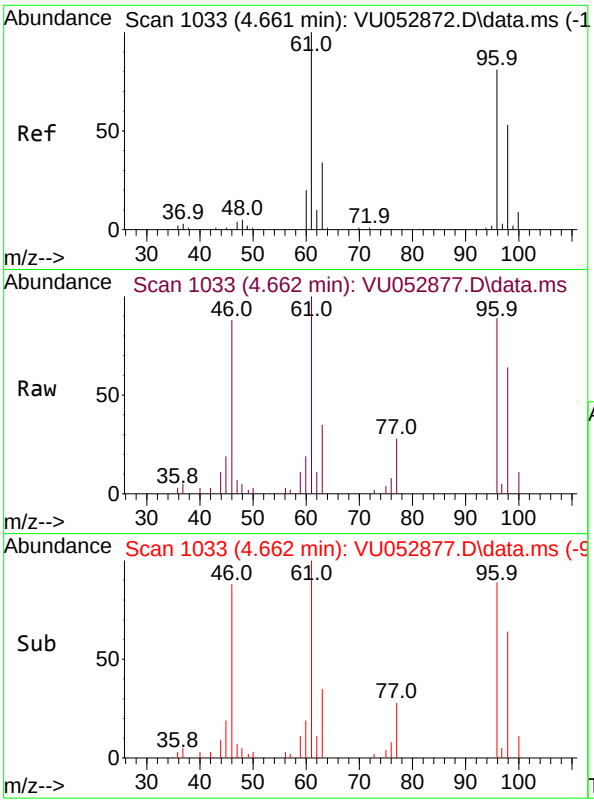


#12
1,1-Dichloroethene
Concen: 0.618 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Tgt Ion: 96 Resp: 810

Ion	Ratio	Lower	Upper
96	100		
61	1195.5	114.3	212.3#
63	10191.0	80.6	149.6#



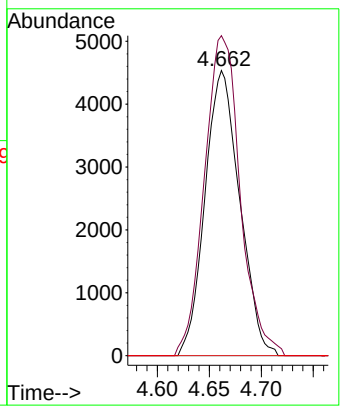


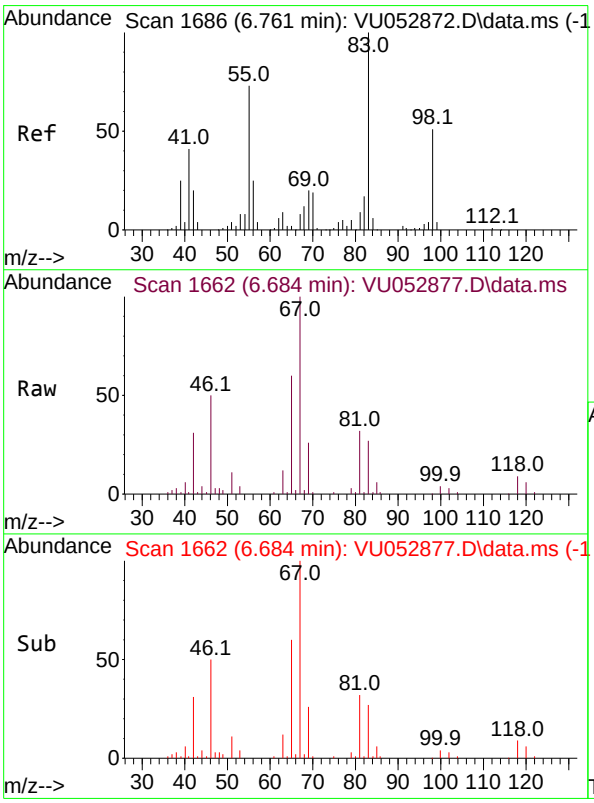
#20
cis-1,2-Dichloroethene
Concen: 6.977 ug/L
RT: 4.662 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 10552

Ion	Ratio	Lower	Upper
96	100		
61	112.2	84.1	156.1
68	0.0	0.0	0.0

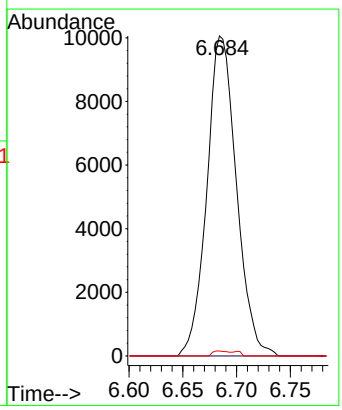


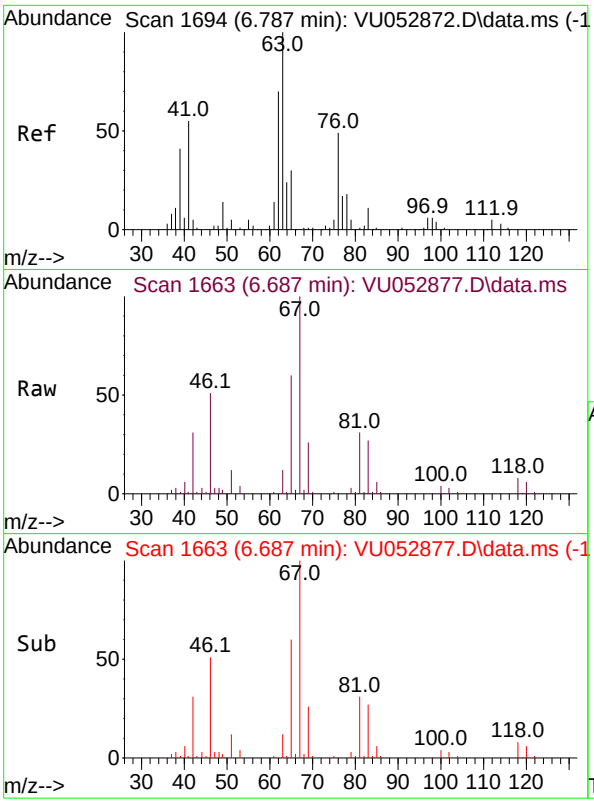


#35
Methylcyclohexane
Concen: 7.388 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Tgt Ion: 83 Resp: 19242

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.1	85.7#
98	0.8	38.9	58.3#



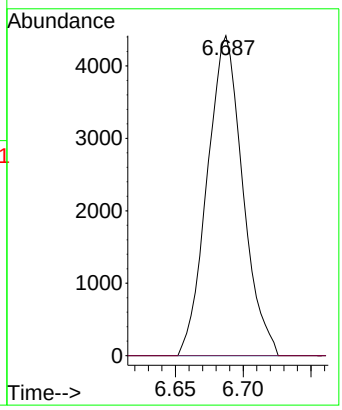


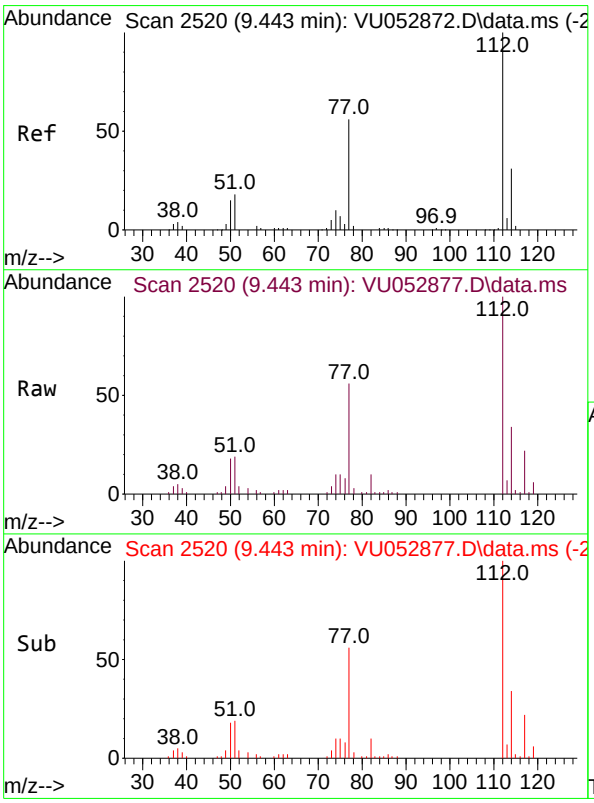
#37
1,2-Dichloropropane
Concen: 5.057 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8050

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

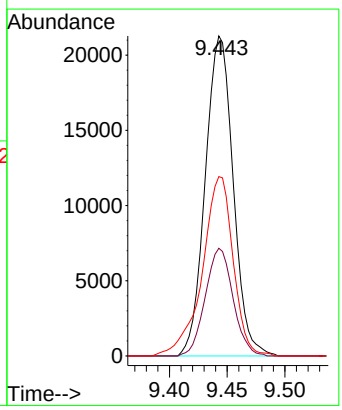


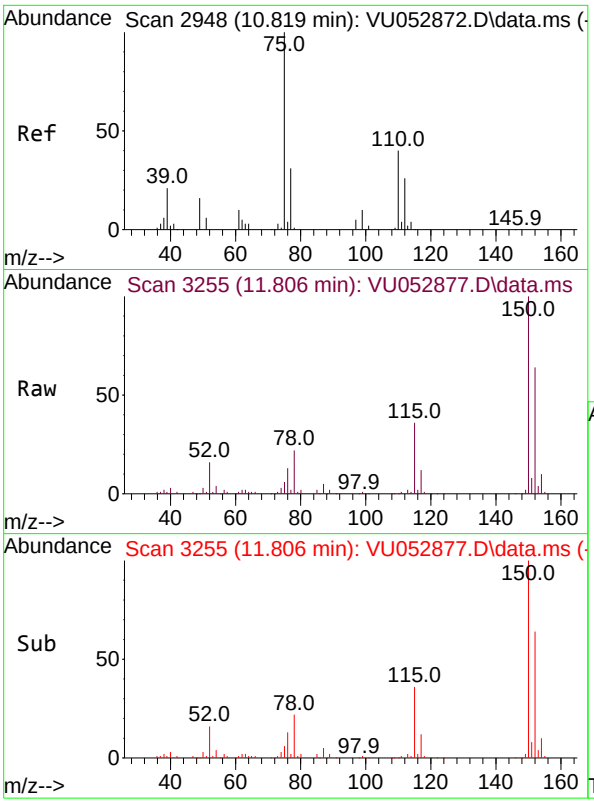


#51
Chlorobenzene
Concen: 7.854 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Tgt Ion:112 Resp: 35855

Ion	Ratio	Lower	Upper
112	100		
114	33.7	22.8	42.4
77	56.0	45.9	68.9



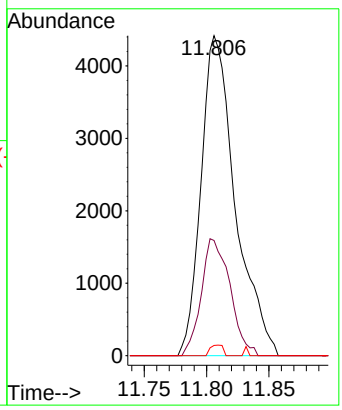


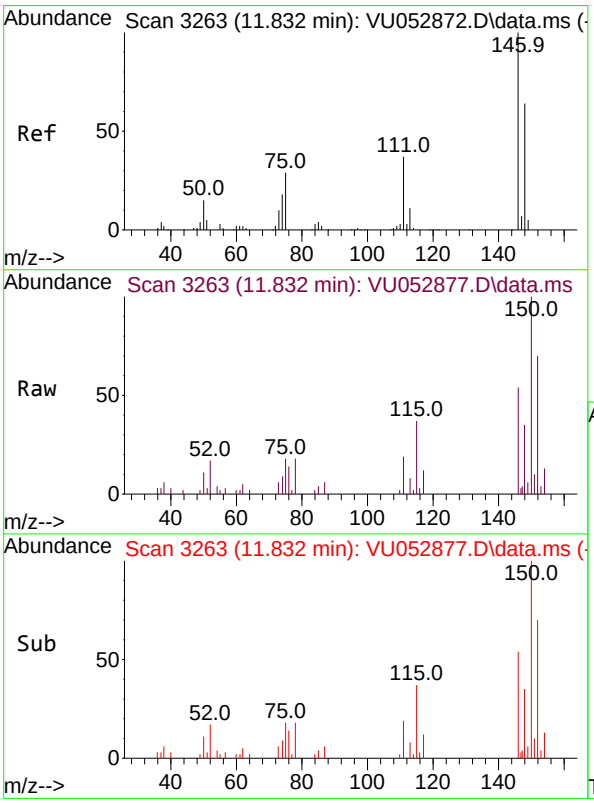
#60
1,2,3-Trichloropropane
Concen: 5.371 ug/L
RT: 11.806 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8438

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.8	38.8
110	1.2	32.4	48.6#

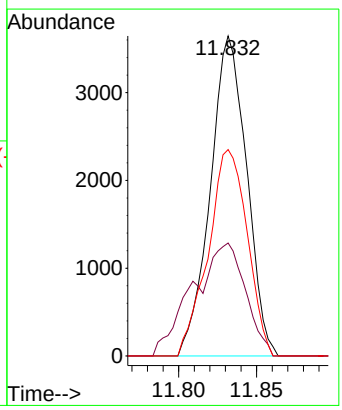


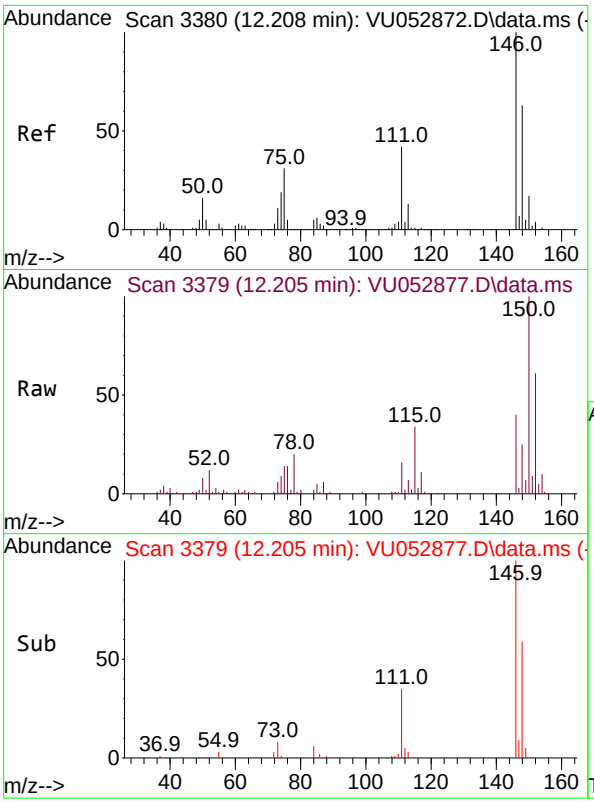


#65
1,4-Dichlorobenzene
Concen: 2.162 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Tgt Ion:146 Resp: 5908

Ion	Ratio	Lower	Upper
146	100		
111	33.6	26.7	49.7
148	61.3	45.6	84.6





#67
1,2-Dichlorobenzene
Concen: 6.581 ug/L
RT: 12.205 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 17567

Ion	Ratio	Lower	Upper
146	100		
111	40.2	33.2	49.8
148	61.5	50.2	75.4