Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
Data File : VU052878.D
Acq On : 31 Jan 2023 14:32
Operator : JC/MD
Sample : 01314-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 01 00:56:07 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	6.246	114	189053	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	207342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45193	33.213	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.420%			
7) Chloroethane-d5	1.909	69	51251	45.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.420%			
11) 1,1-Dichloroethene-d2	2.565	63	89944	33.233	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.460%			
21) 2-Butanone-d5	4.616	46	75224	89.490	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.490%			
24) Chloroform-d	5.057	84	134897	46.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.900%			
26) 1,2-Dichloroethane-d4	5.697	65	88282	47.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.220%			
32) Benzene-d6	5.722	84	239856	37.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.720%			
36) 1,2-Dichloropropane-d6	6.684	67	71691	38.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 77.180%			
41) Toluene-d8	7.893	98	206888	35.867	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.740%#			
43) trans-1,3-Dichloroprop...	8.176	79	34969	37.554	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.100%			
47) 2-Hexanone-d5	8.629	63	50610	77.528	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.530%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	137582	50.122	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.240%			
66) 1,2-Dichlorobenzene-d4	12.188	152	98951	54.336	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.680%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.571	96	760	0.543	ug/L #	1
13) Acetone	2.632	43	2648	2.579	ug/L	89
20) cis-1,2-Dichloroethene	4.658	96	9151	5.671	ug/L	88
34) Trichloroethene	6.545	95	1419	0.791	ug/L	88
35) Methylcyclohexane	6.684	83	20229	7.125	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	8625	4.971	ug/L #	85
51) Chlorobenzene	9.442	112	42762	8.593	ug/L	97
65) 1,4-Dichlorobenzene	11.831	146	6687	2.114	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	21040	6.807	ug/L	98

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

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Quant Title : VOC Analysis
QLast Update : Wed Feb 01 00:53:48 2023
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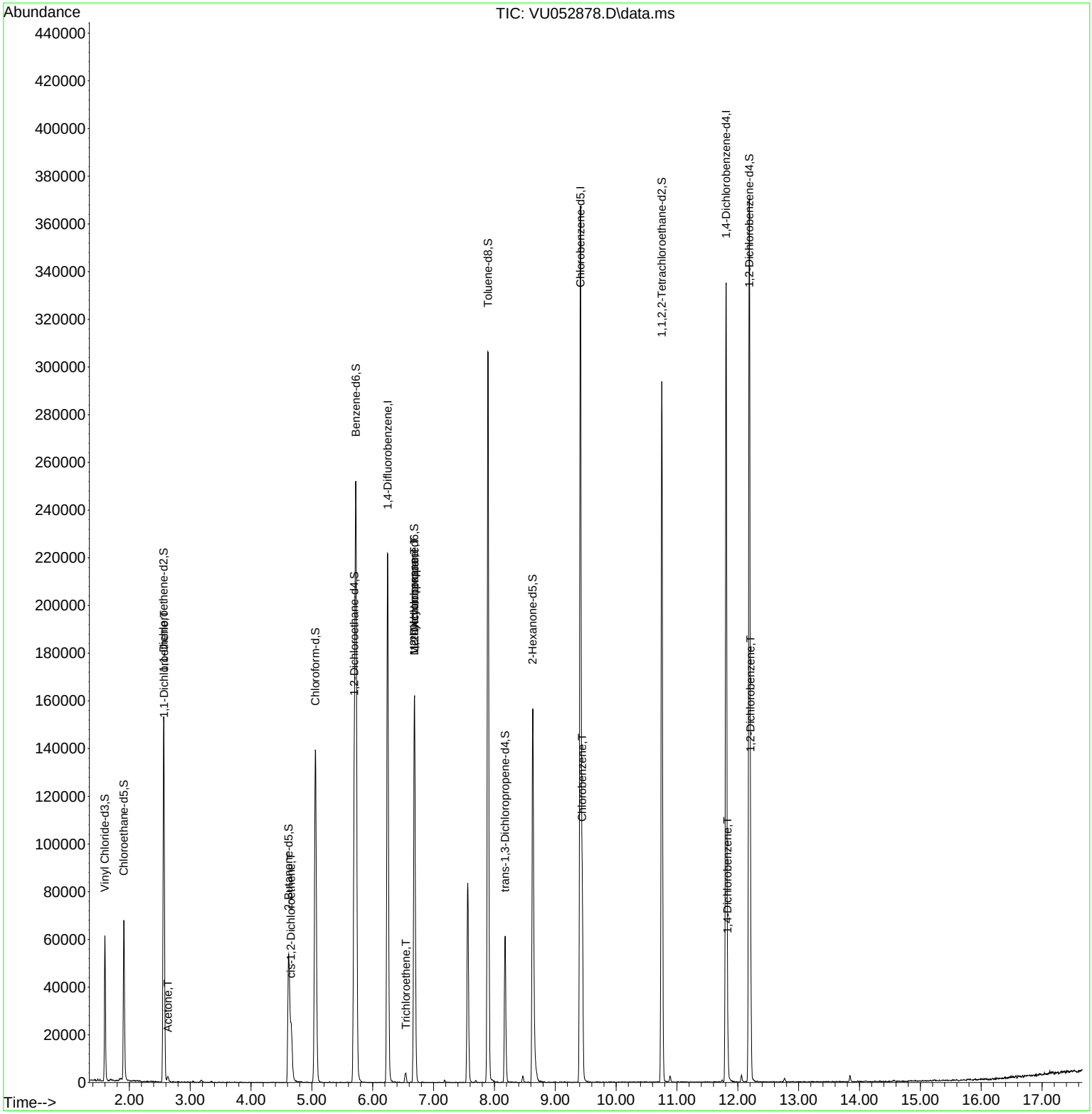
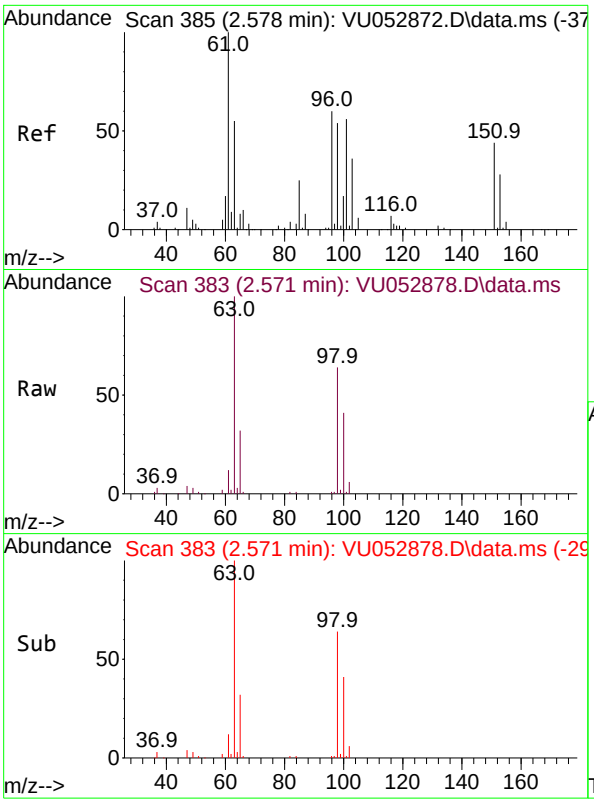


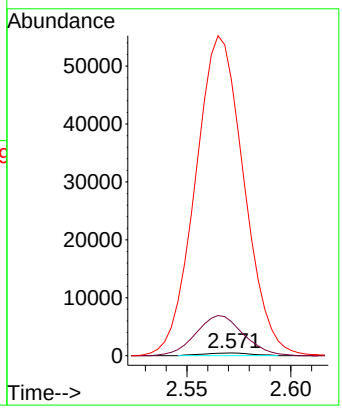


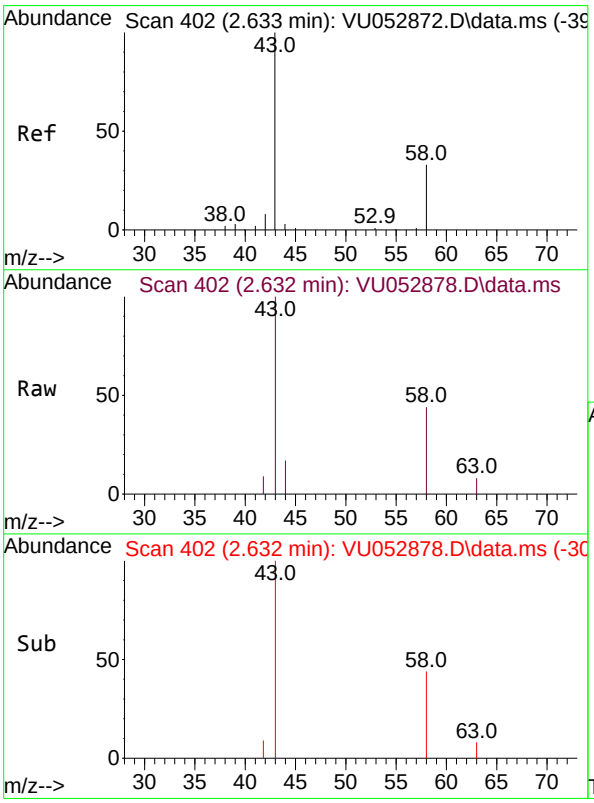
#12
1,1-Dichloroethene
Concen: 0.543 ug/L
RT: 2.571 min Scan# 3
Delta R.T. -0.006 min
Lab File: VU052878.D
Acq: 31 Jan 2023 14:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 760

Ion	Ratio	Lower	Upper
96	100		
61	1267.5	114.3	212.3#
63	10260.6	80.6	149.6#

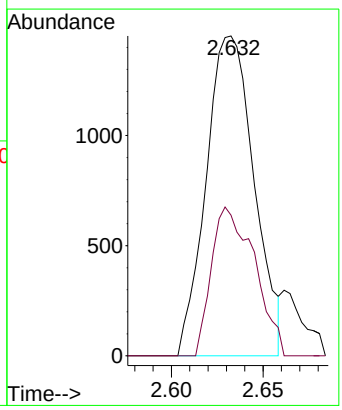


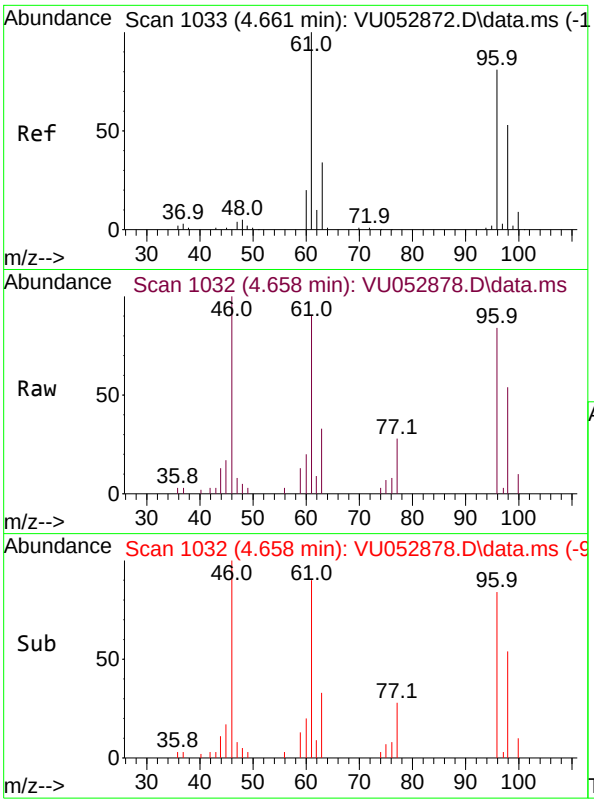


#13
Acetone
Concen: 2.579 ug/L
RT: 2.632 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU052878.D
Acq: 31 Jan 2023 14:32

Tgt Ion: 43 Resp: 2648

Ion	Ratio	Lower	Upper
43	100		
58	41.7	0.0	70.2



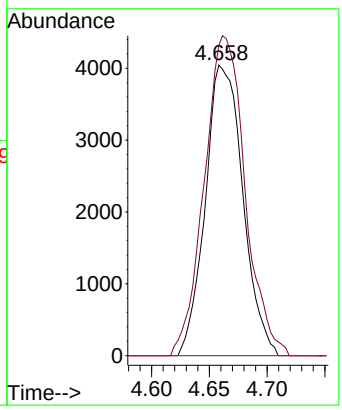


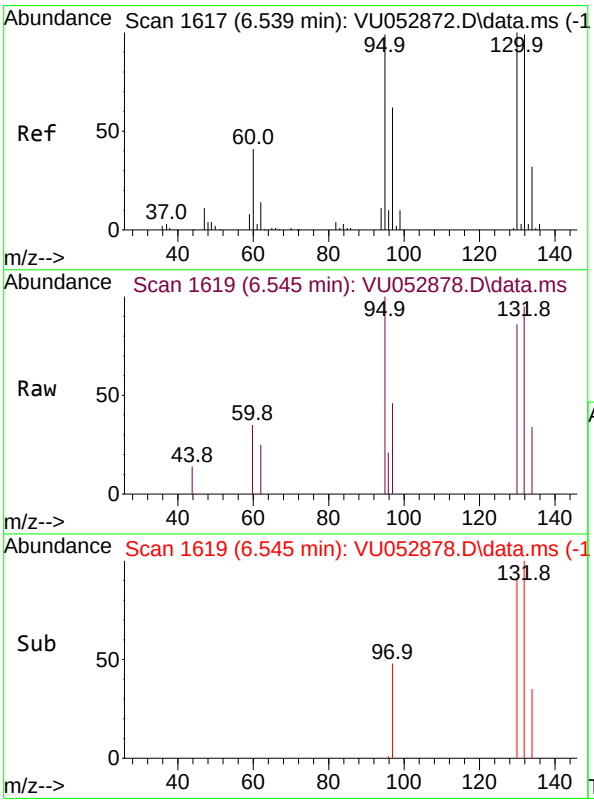
#20
cis-1,2-Dichloroethene
Concen: 5.671 ug/L
RT: 4.658 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052878.D
Acq: 31 Jan 2023 14:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 9151

Ion	Ratio	Lower	Upper
96	100		
61	106.8	84.1	156.1
68	0.0	0.0	0.0

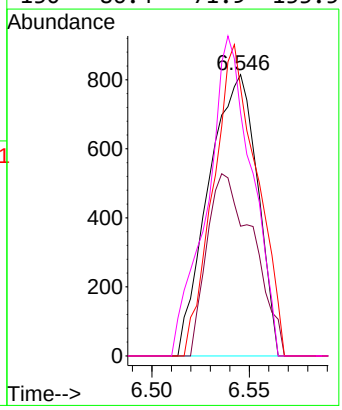


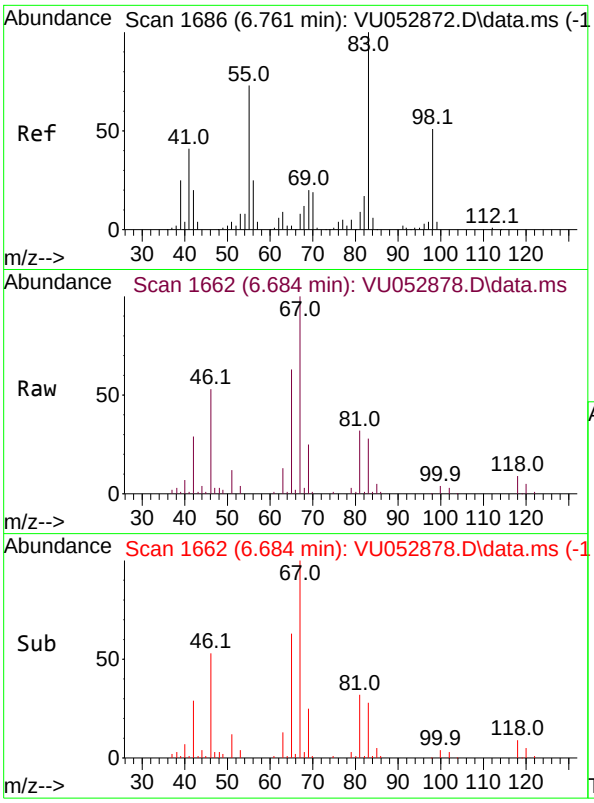


#34
Trichloroethene
Concen: 0.791 ug/L
RT: 6.545 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VU052878.D
Acq: 31 Jan 2023 14:32

Tgt Ion: 95 Resp: 1419

Ion	Ratio	Lower	Upper
95	100		
97	46.1	44.5	82.7
132	95.3	66.8	124.0
130	86.4	71.9	133.5



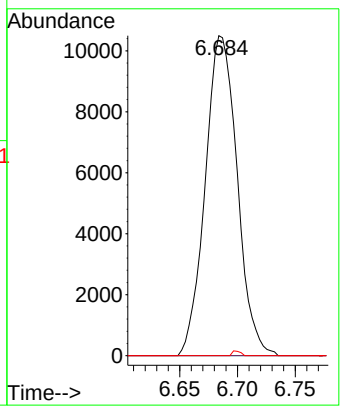


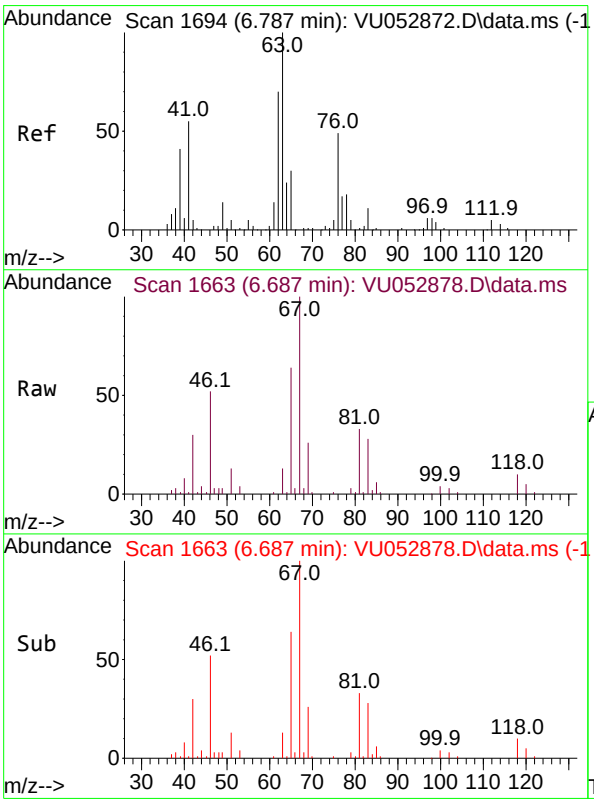
#35
Methylcyclohexane
Concen: 7.125 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU052878.D
Acq: 31 Jan 2023 14:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 20229

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.1	85.7#
98	0.4	38.9	58.3#

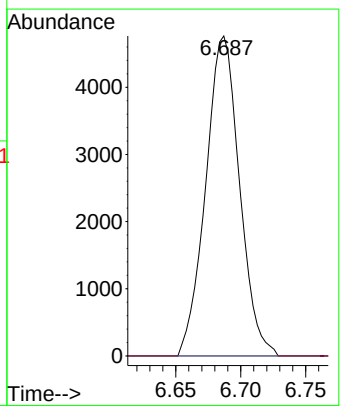


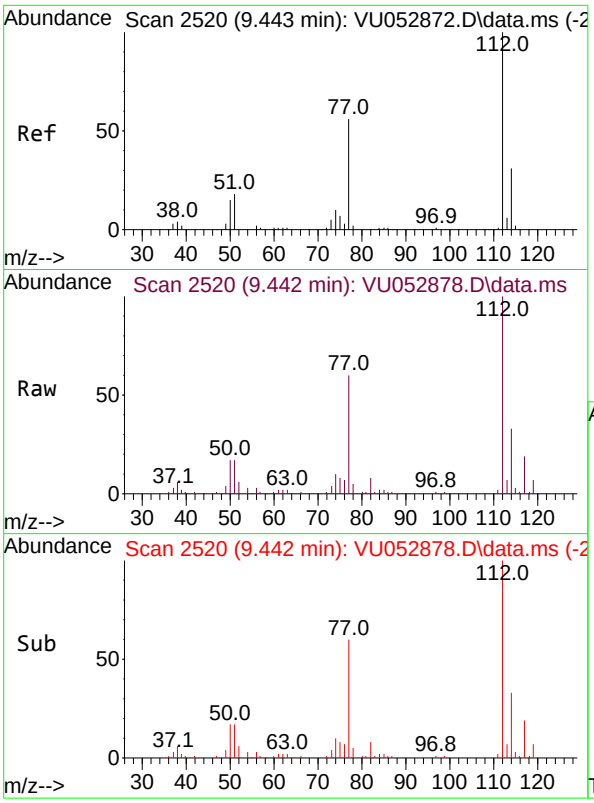


#37
1,2-Dichloropropane
Concen: 4.971 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU052878.D
Acq: 31 Jan 2023 14:32

Tgt Ion: 63 Resp: 8625

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



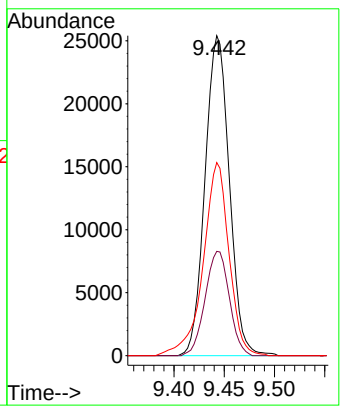


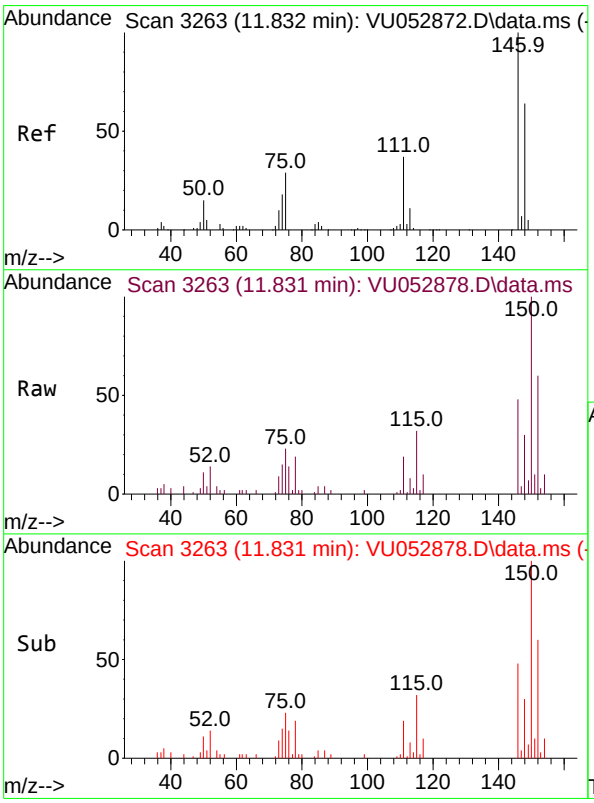
#51
Chlorobenzene
Concen: 8.593 ug/L
RT: 9.442 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU052878.D
Acq: 31 Jan 2023 14:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 42762

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.8	42.4
77	60.4	45.9	68.9

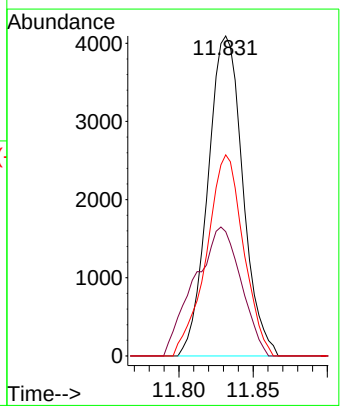


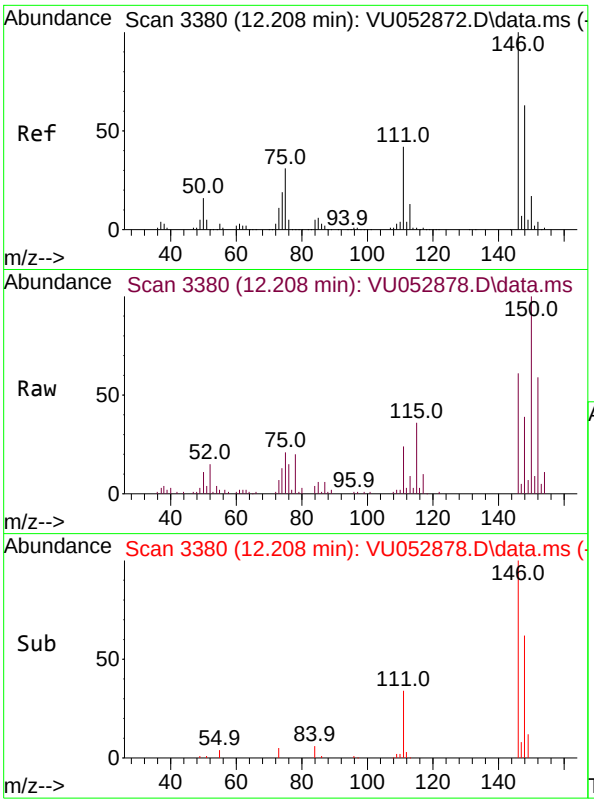


#65
1,4-Dichlorobenzene
Concen: 2.114 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052878.D
Acq: 31 Jan 2023 14:32

Tgt Ion:146 Resp: 6687

Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.7	49.7
148	62.8	45.6	84.6





#67
1,2-Dichlorobenzene
Concen: 6.807 ug/L
RT: 12.208 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU052878.D
Acq: 31 Jan 2023 14:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 21040

Ion	Ratio	Lower	Upper
146	100		
111	40.2	33.2	49.8
148	64.0	50.2	75.4