Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
Data File : VU052882.D
Acq On : 31 Jan 2023 16:28
Operator : JC/MD
Sample : 01314-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 01 00:57:15 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	245411	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	237455	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	101368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60536	34.272	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.540%			
7) Chloroethane-d5	1.909	69	60874	41.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.660%			
11) 1,1-Dichloroethene-d2	2.565	63	97399	27.723	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.440%#			
21) 2-Butanone-d5	4.616	46	111776	102.437	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.440%			
24) Chloroform-d	5.057	84	164342	43.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.200%			
26) 1,2-Dichloroethane-d4	5.697	65	111950	46.510	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.020%			
32) Benzene-d6	5.723	84	297554	41.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.040%			
36) 1,2-Dichloropropane-d6	6.684	67	97070	45.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.240%			
41) Toluene-d8	7.893	98	253888	38.433	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.860%#			
43) trans-1,3-Dichloroprop...	8.173	79	44345	41.583	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.160%			
47) 2-Hexanone-d5	8.629	63	72004	96.313	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.310%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	144254	45.888	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.780%			
66) 1,2-Dichlorobenzene-d4	12.189	152	97272	49.420	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.840%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.572	96	1192	0.657	ug/L #	1
20) cis-1,2-Dichloroethene	4.662	96	22778	10.874	ug/L	97
34) Trichloroethene	6.536	95	501573	244.138	ug/L	97
35) Methylcyclohexane	6.687	83	25379	7.805	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11942	6.009	ug/L #	85
51) Chlorobenzene	9.443	112	11245	1.973	ug/L	95
65) 1,4-Dichlorobenzene	11.828	146	4686	1.370	ug/L	92
67) 1,2-Dichlorobenzene	12.208	146	28886	8.646	ug/L	97
69) 1,3,5-Trichlorobenzene	13.835	180	28381	11.606	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	28381	13.843	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	8464	3.907	ug/L	94

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

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Operator : JC/MD
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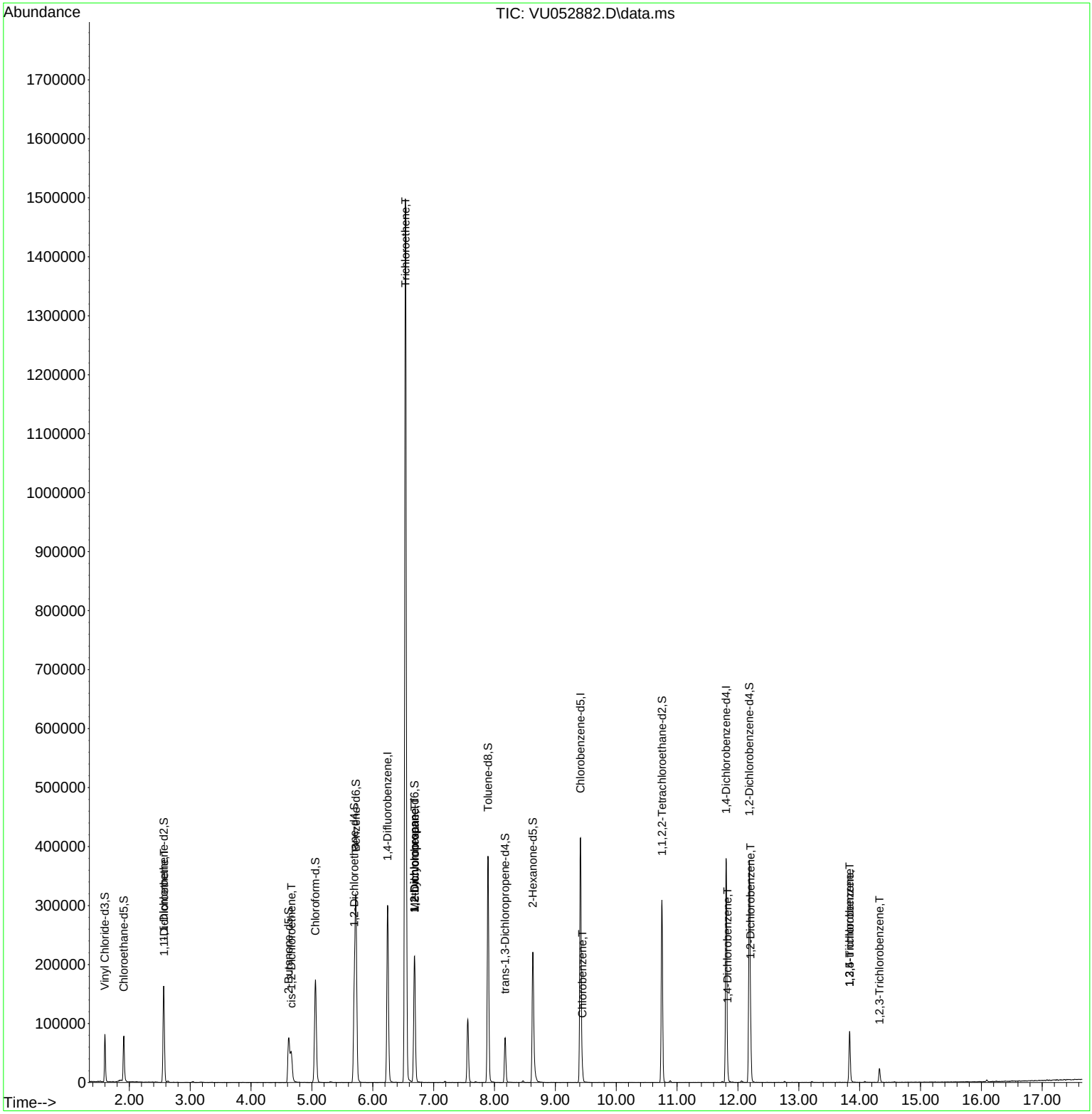
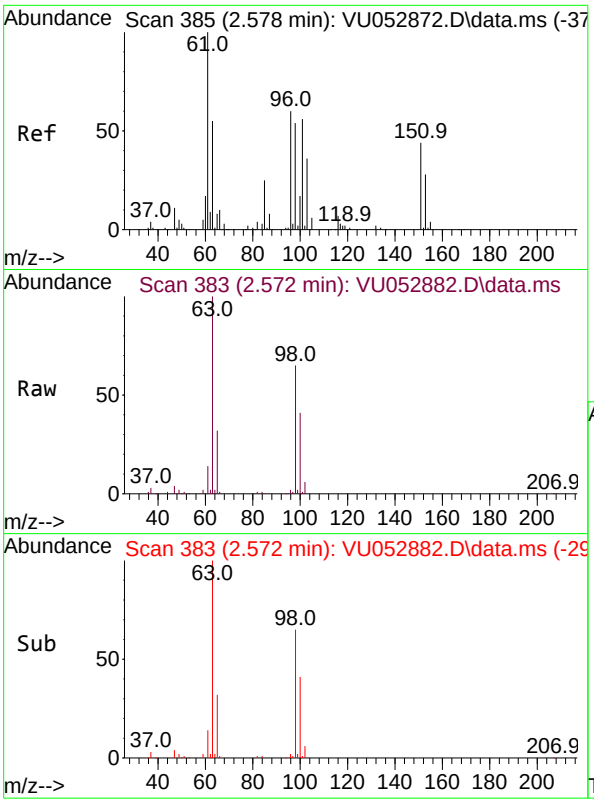
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 00:53:48 2023
Response via : Initial Calibration



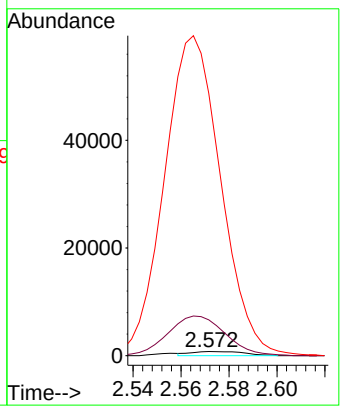


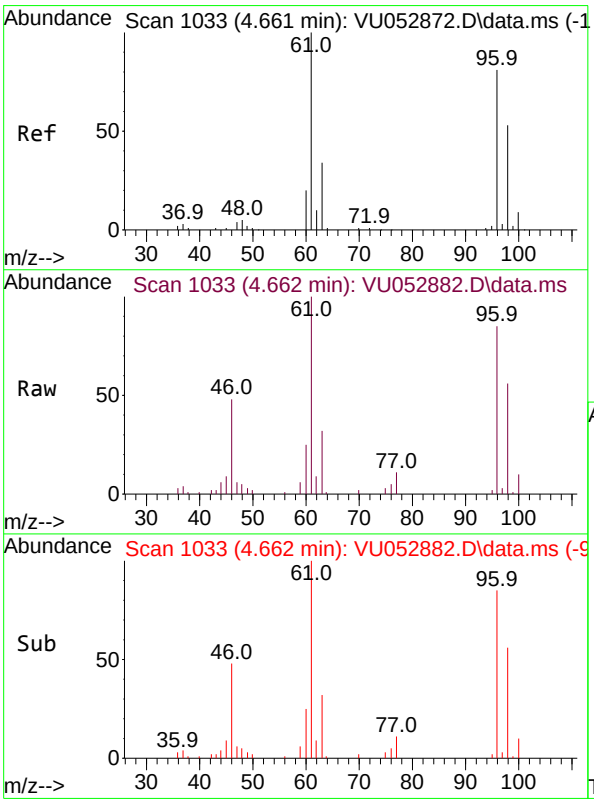
#12
1,1-Dichloroethene
Concen: 0.657 ug/L
RT: 2.572 min Scan# 3
Delta R.T. -0.006 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1192

Ion	Ratio	Lower	Upper
96	100		
61	857.7	114.3	212.3#
63	6284.5	80.6	149.6#

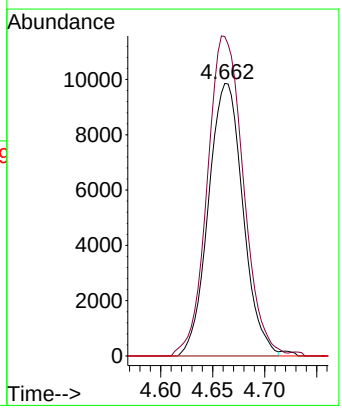


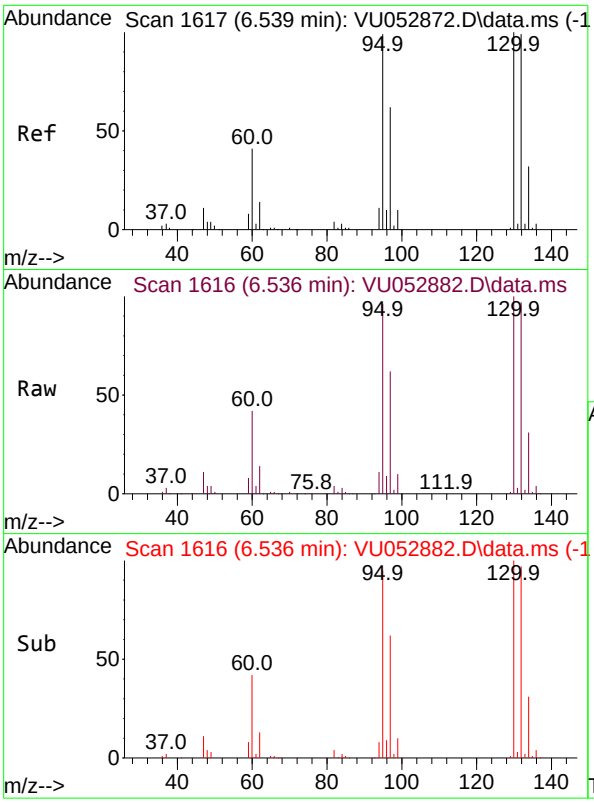


#20
cis-1,2-Dichloroethene
Concen: 10.874 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Tgt Ion: 96 Resp: 22778

Ion	Ratio	Lower	Upper
96	100		
61	117.2	84.1	156.1
68	0.0	0.0	0.0



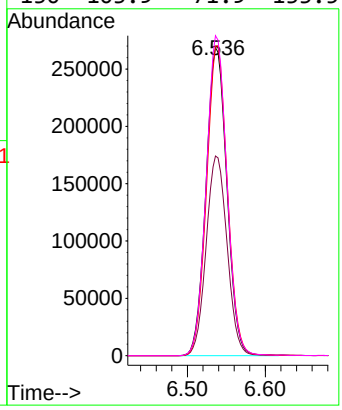


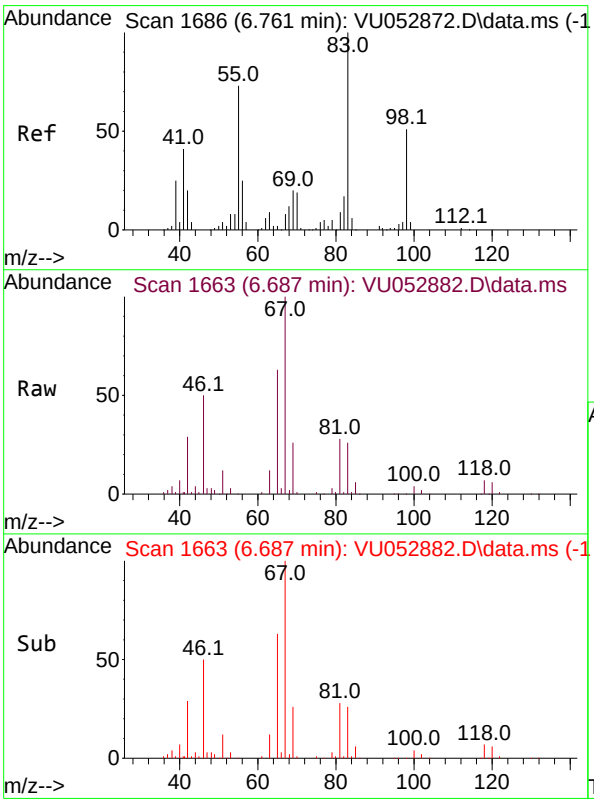
#34
Trichloroethene
Concen: 244.138 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 501573

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.5	82.7
132	100.5	66.8	124.0
130	103.9	71.9	133.5

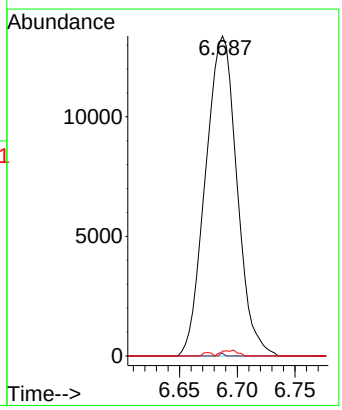


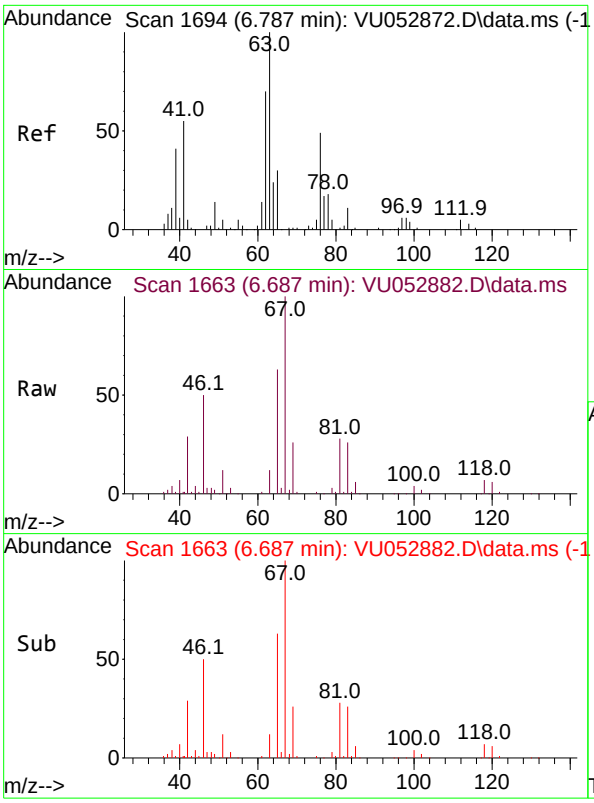


#35
Methylcyclohexane
Concen: 7.805 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Tgt Ion: 83 Resp: 25379

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.1	85.7#
98	0.5	38.9	58.3#



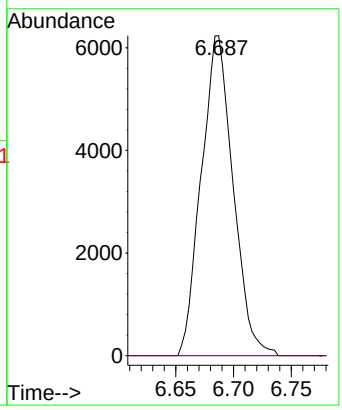


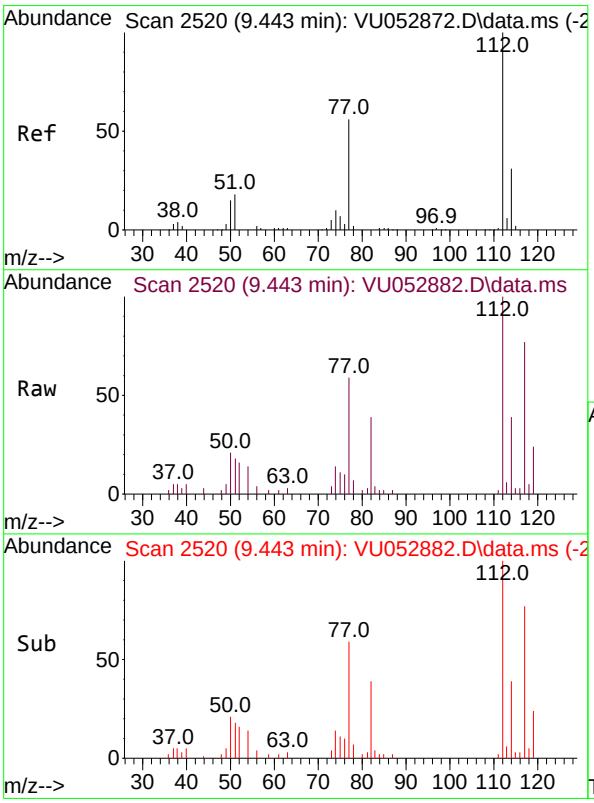
#37
1,2-Dichloropropane
Concen: 6.009 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11942

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

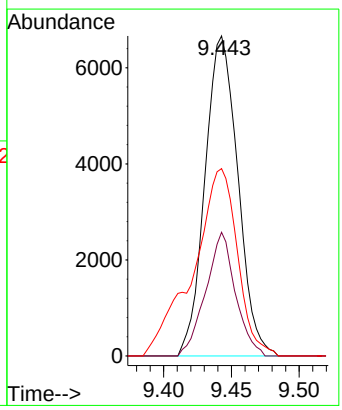


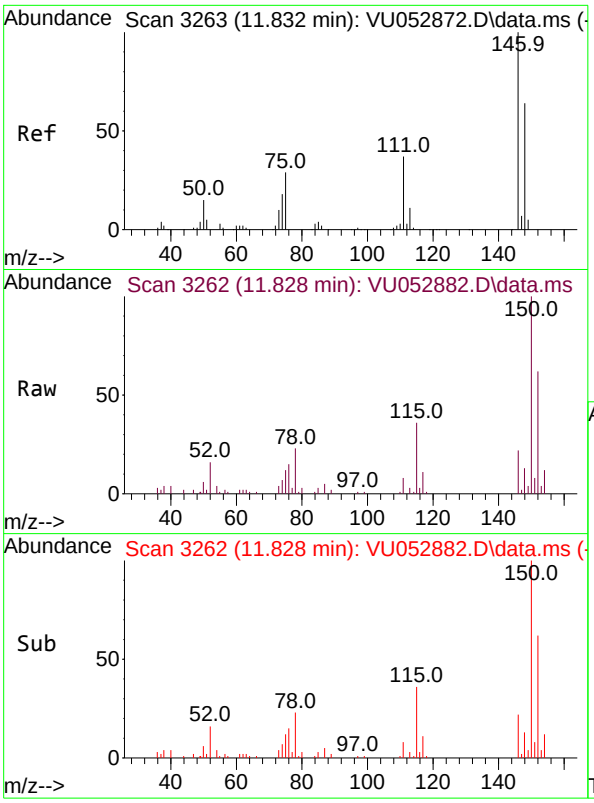


#51
Chlorobenzene
Concen: 1.973 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Tgt Ion:112 Resp: 11245

Ion	Ratio	Lower	Upper
112	100		
114	38.6	22.8	42.4
77	58.6	45.9	68.9



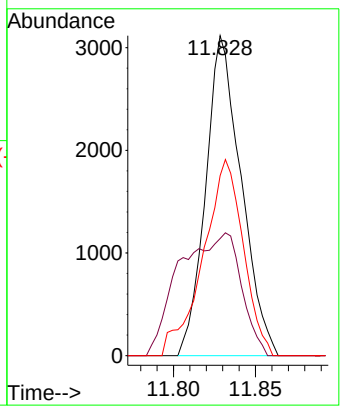


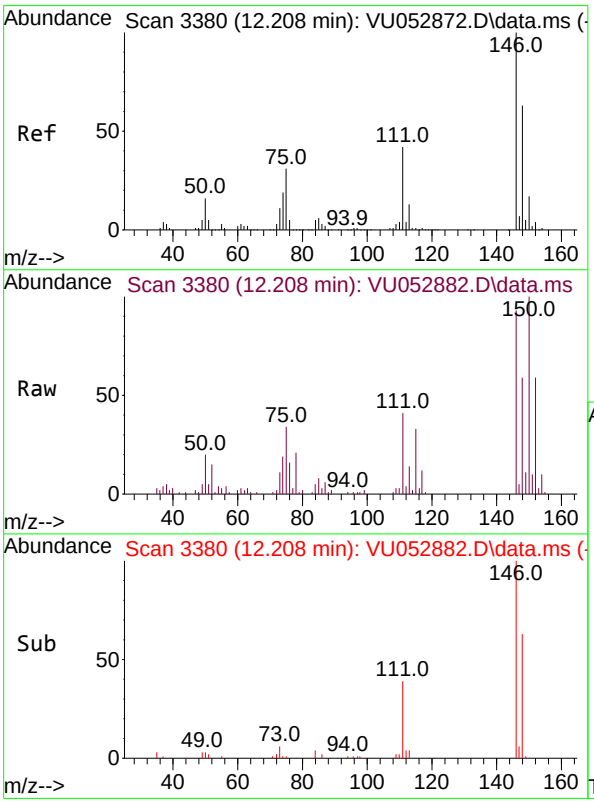
#65
1,4-Dichlorobenzene
Concen: 1.370 ug/L
RT: 11.828 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 4686

Ion	Ratio	Lower	Upper
146	100		
111	36.6	26.7	49.7
148	56.2	45.6	84.6

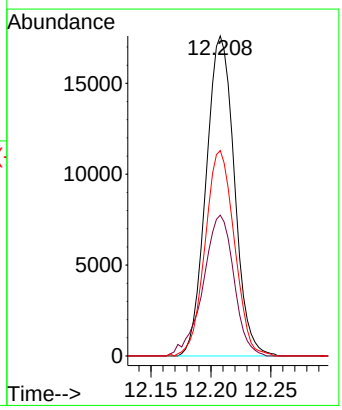


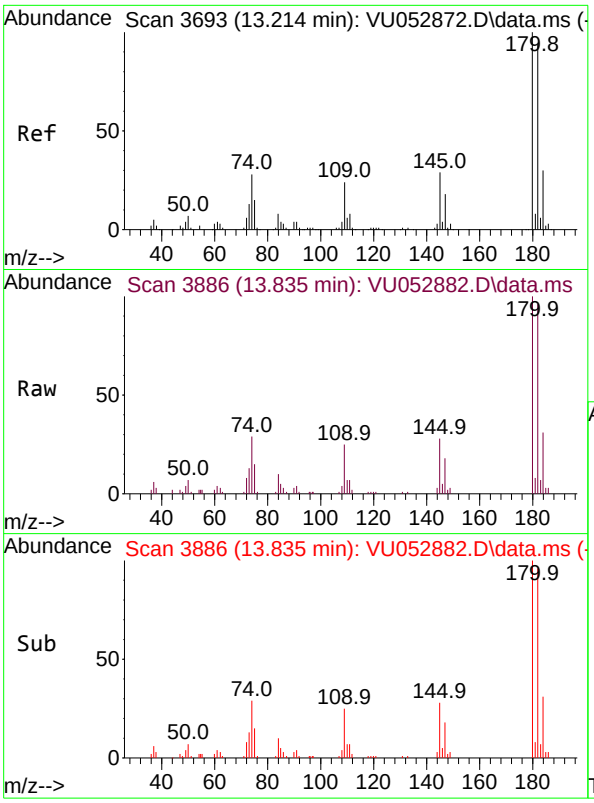


#67
1,2-Dichlorobenzene
Concen: 8.646 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Tgt Ion:146 Resp: 28886

Ion	Ratio	Lower	Upper
146	100		
111	44.0	33.2	49.8
148	64.2	50.2	75.4



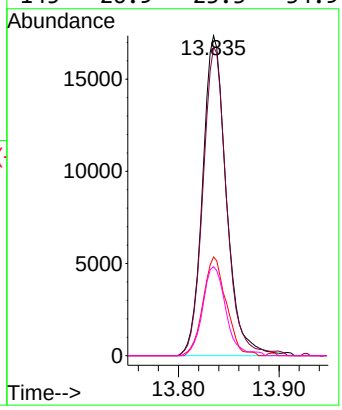


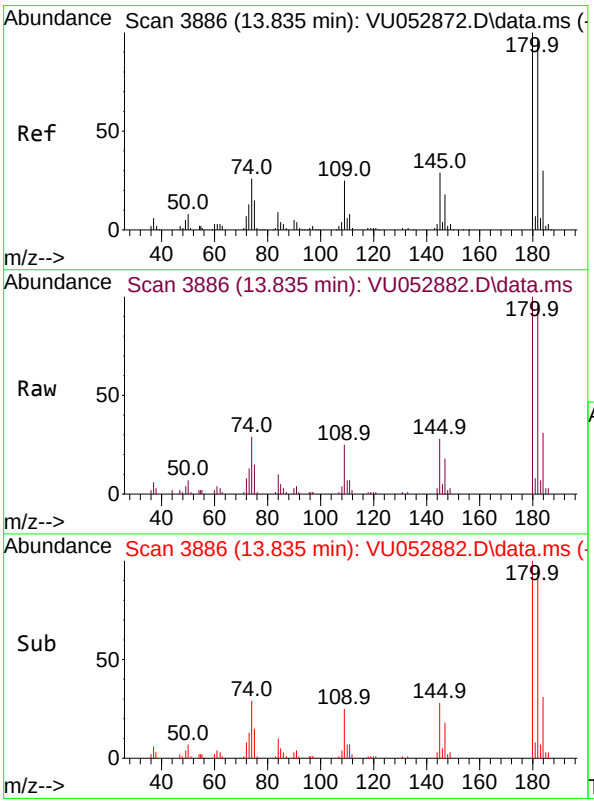
#69
1,3,5-Trichlorobenzene
Concen: 11.606 ug/L
RT: 13.835 min Scan# 3
Delta R.T. 0.621 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 28381

Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.0	115.6
184	30.0	24.4	36.6
145	26.9	23.3	34.9

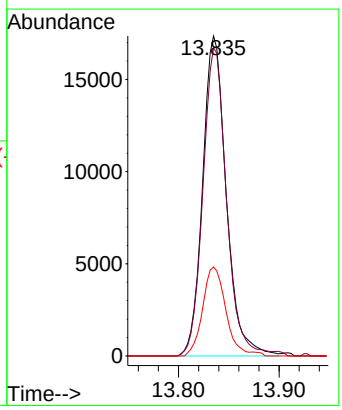


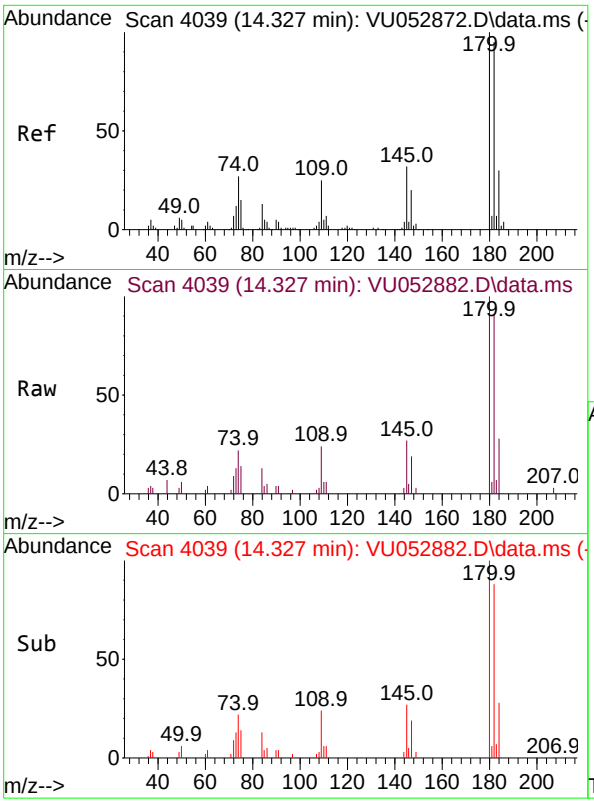


#70
1,2,4-trichlorobenzene
Concen: 13.843 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Tgt Ion:180 Resp: 28381

Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.2	117.2
145	26.9	23.4	35.2





#72
1,2,3-Trichlorobenzene
Concen: 3.907 ug/L
RT: 14.327 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 8464

Ion	Ratio	Lower	Upper
180	100		
182	89.9	77.5	116.3
145	28.6	24.2	36.4