

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055872.D
 Acq On : 25 Oct 2023 12:20
 Operator : MD/SY
 Sample : 04952-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

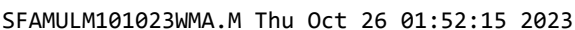
Quant Time: Oct 26 01:52:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 26 01:50:39 2023
 Response via : Initial Calibration

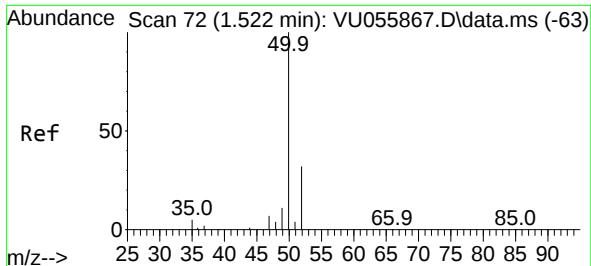
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	450021	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	447885	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	224215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	162650	40.295	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.580%		
7) Chloroethane-d5	1.891	69	154776	46.909	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.820%		
11) 1,1-Dichloroethene-d2	2.560	63	243216	33.793	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.580%		
21) 2-Butanone-d5	4.611	46	320263	107.076	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.080%		
24) Chloroform-d	5.055	84	402560	52.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.040%		
26) 1,2-Dichloroethane-d4	5.695	65	266276	55.904	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.800%		
32) Benzene-d6	5.721	84	777284	54.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.480%		
36) 1,2-Dichloropropane-d6	6.685	67	259455	57.190	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	114.380%		
41) Toluene-d8	7.894	98	677052	52.323	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.640%		
43) trans-1,3-Dichloroprop...	8.174	79	117656	53.989	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.980%		
47) 2-Hexanone-d5	8.631	63	266800	149.595	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	149.590%#		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	435745	62.400	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	124.800%#		
66) 1,2-Dichlorobenzene-d4	12.190	152	287686	64.657	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	129.320%#		
Target Compounds						Qvalue
3) Chloromethane	1.518	50	4881	1.377	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.560	101	2435	0.679	ug/L #	20
12) 1,1-Dichloroethene	2.557	96	1749	0.548	ug/L #	1
25) Chloroform	5.081	83	5241	0.750	ug/L	81
44) trans-1,3-Dichloropropene	8.171	75	5175	0.912	ug/L	86
48) 2-Hexanone	8.634	43	30588	6.677	ug/L #	67

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

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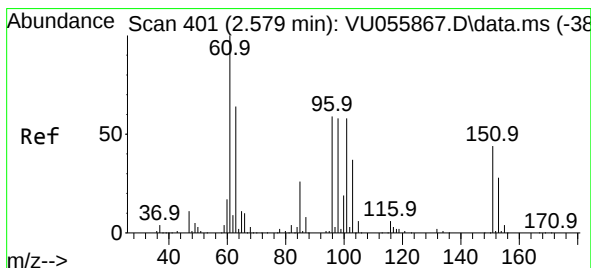
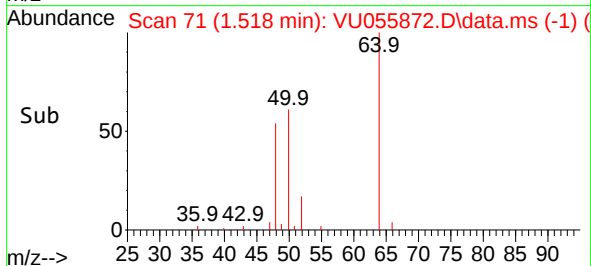
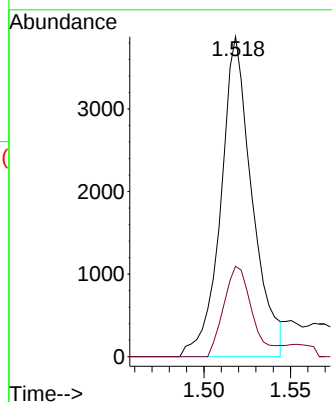
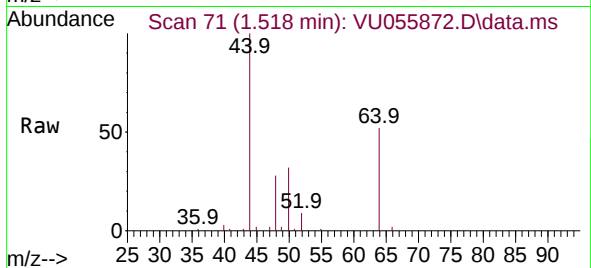




#3
Chloromethane
Concen: 1.377 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU055872.D
Acq: 25 Oct 2023 12:20

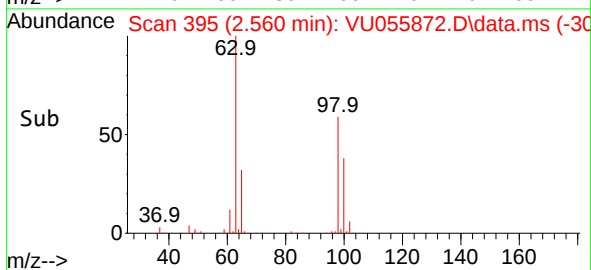
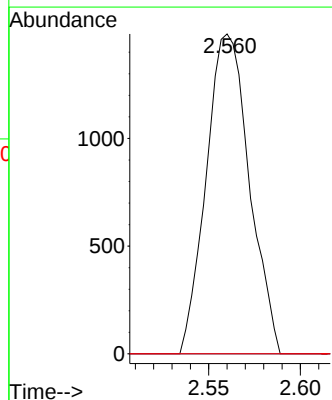
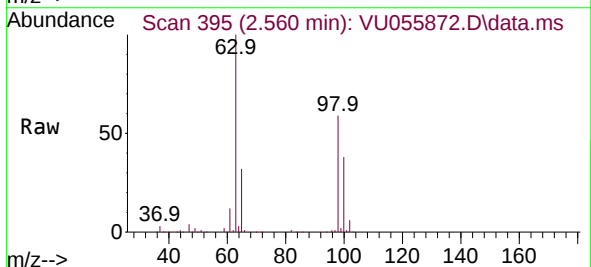
Instrument :
MSVOA_U
ClientSampleId :

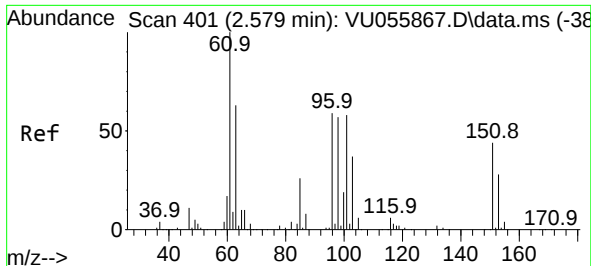
Tgt Ion: 50 Resp: 4881
Ion Ratio Lower Upper
50 100
52 28.3 22.8 42.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.679 ug/L
RT: 2.560 min Scan# 395
Delta R.T. -0.019 min
Lab File: VU055872.D
Acq: 25 Oct 2023 12:20

Tgt Ion: 101 Resp: 2435
Ion Ratio Lower Upper
101 100
85 0.0 37.1 55.7#
151 0.0 58.2 87.4#





#12

1,1-Dichloroethene

Concen: 0.548 ug/L

RT: 2.557 min Scan# 394

Delta R.T. -0.023 min

Lab File: VU055872.D

Acq: 25 Oct 2023 12:20

Instrument :

MSVOA_U

ClientSampleId :

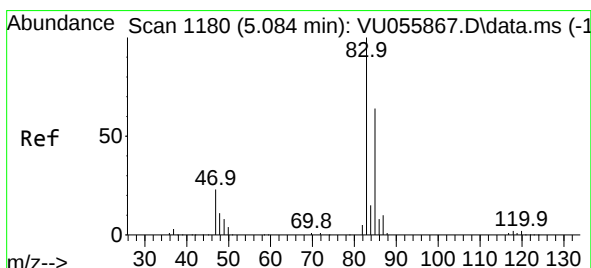
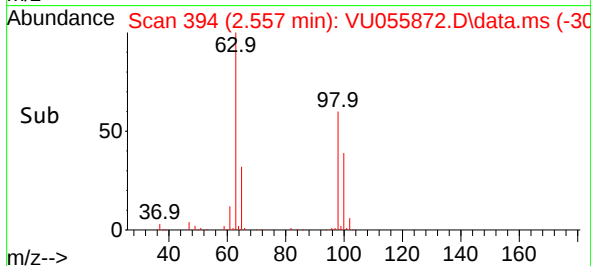
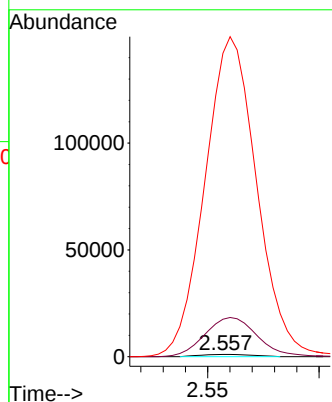
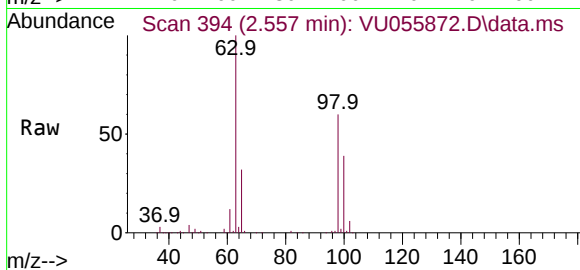
Tgt Ion: 96 Resp: 1749

Ion Ratio Lower Upper

96 100

61 1671.8 122.0 226.6#

63 13564.1 93.7 174.1#



#25

Chloroform

Concen: 0.750 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU055872.D

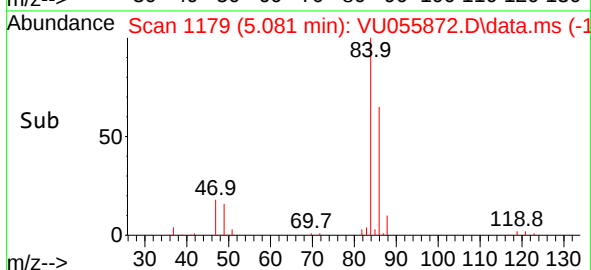
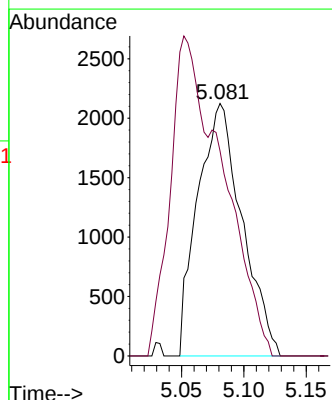
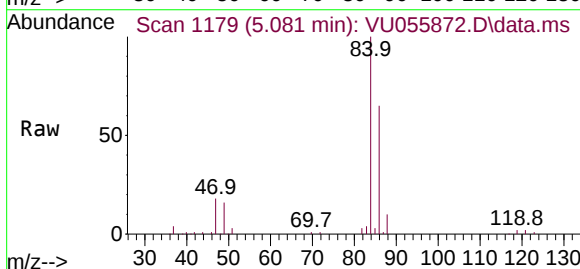
Acq: 25 Oct 2023 12:20

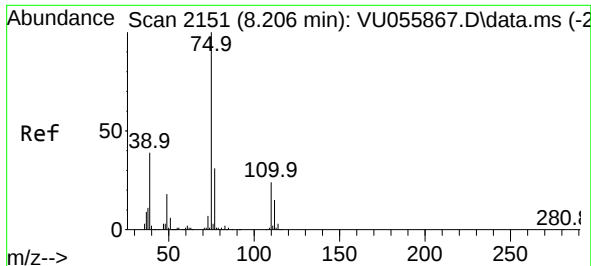
Tgt Ion: 83 Resp: 5241

Ion Ratio Lower Upper

83 100

85 81.2 46.3 86.1

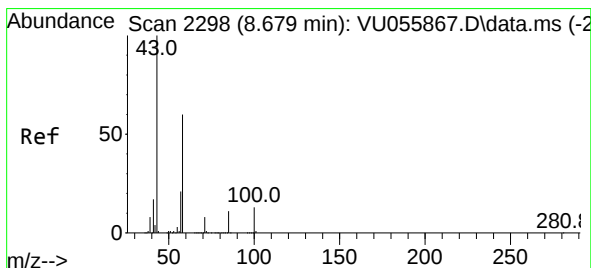
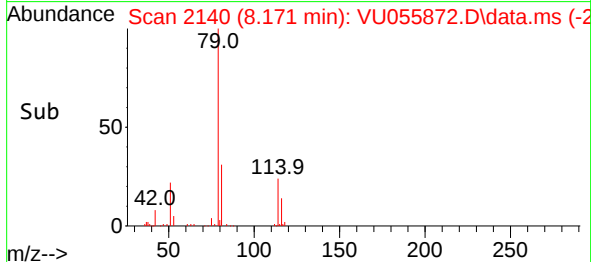
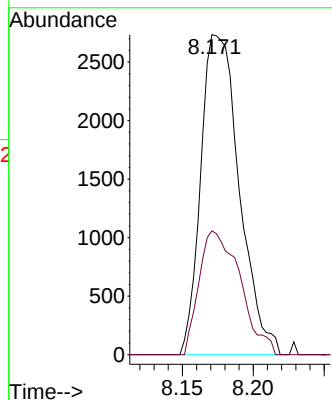
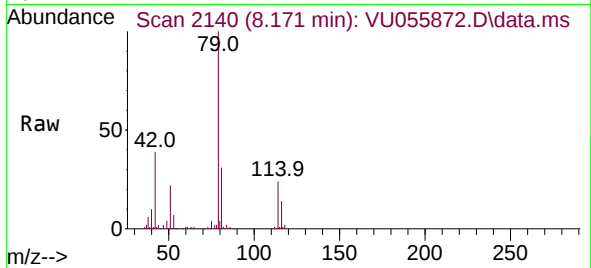




#44
trans-1,3-Dichloropropene
Concen: 0.912 ug/L
RT: 8.171 min Scan# 2151
Delta R.T. -0.035 min
Lab File: VU055872.D
Acq: 25 Oct 2023 12:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 5175
Ion Ratio Lower Upper
75 100
77 38.7 21.6 40.2



#48
2-Hexanone
Concen: 6.677 ug/L
RT: 8.634 min Scan# 2284
Delta R.T. -0.045 min
Lab File: VU055872.D
Acq: 25 Oct 2023 12:20

Tgt Ion: 43 Resp: 30588
Ion Ratio Lower Upper
43 100
58 34.6 45.2 67.8#
57 0.0 16.1 24.1#
100 1.2 9.7 14.5#

