

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051083.D
 Acq On : 03 Oct 2022 15:33
 Operator : JC/MD
 Sample : N4859-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E10024

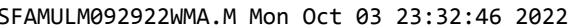
Quant Time: Oct 03 23:32:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

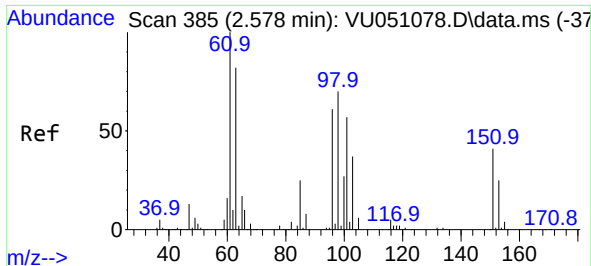
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	350460	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	355526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	126613	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	178285	50.197	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 100.400%		
7) Chloroethane-d5	1.903	69	156857	47.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 95.080%		
11) 1,1-Dichloroethene-d2	2.565	63	217506	41.458	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 82.920%		
21) 2-Butanone-d5	4.617	46	247503	107.442	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery	= 107.440%		
24) Chloroform-d	5.060	84	318257	55.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 111.240%		
26) 1,2-Dichloroethane-d4	5.700	65	203872	57.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 115.120%		
32) Benzene-d6	5.726	84	625688	60.098	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 120.200%		
36) 1,2-Dichloropropane-d6	6.687	67	208888	61.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 123.660%#		
41) Toluene-d8	7.896	98	505452	52.547	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 105.100%		
43) trans-1,3-Dichloroprop...	8.179	79	85560	53.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 106.200%		
47) 2-Hexanone-d5	8.632	63	118448	86.832	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 86.830%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	314711	53.302	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 106.600%		
66) 1,2-Dichlorobenzene-d4	12.192	152	168631	62.345	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 124.700%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2099	0.785	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1553	0.621	ug/L #	1
13) Acetone	2.630	43	10424	5.667	ug/L	98
25) Chloroform	5.086	83	82265	14.975	ug/L	97
38) Bromodichloromethane	7.108	83	7179	1.843	ug/L #	97
44) trans-1,3-Dichloropropene	8.182	75	3935	0.941	ug/L	97
53) m,p-Xylene	9.690	106	5343	1.155	ug/L	97

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

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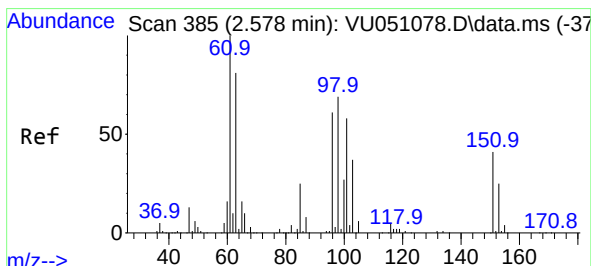
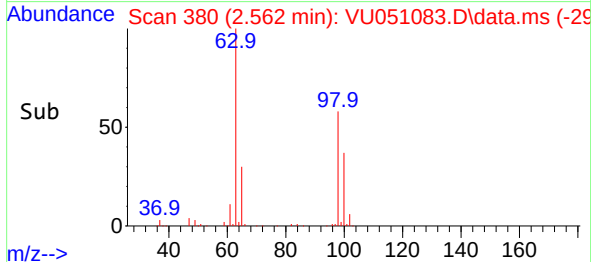
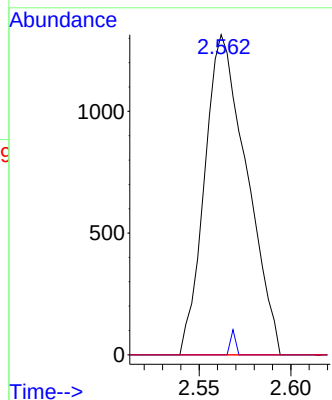
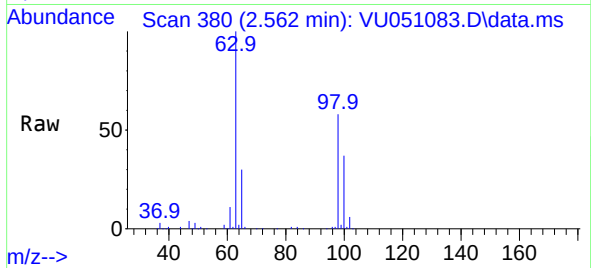




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.785 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051083.D
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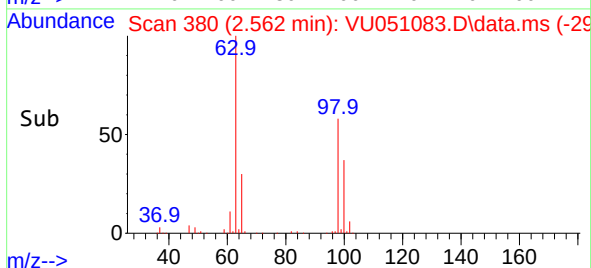
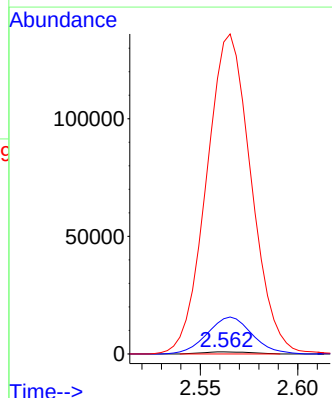
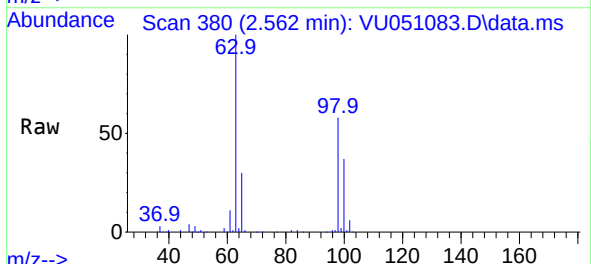
Instrument :
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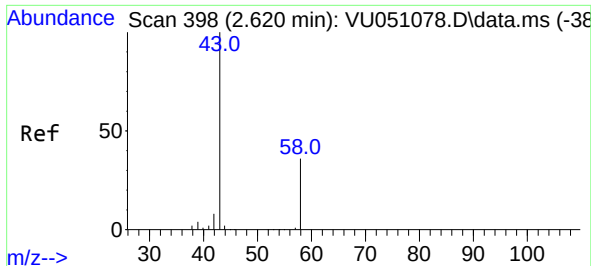
Tgt Ion:101 Resp: 2099
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.621 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051083.D
Acq: 03 Oct 2022 15:33

Tgt Ion: 96 Resp: 1553
Ion Ratio Lower Upper
96 100
61 1667.2 113.0 209.9#
63 14750.6 91.7 170.3#





#13

Acetone

Concen: 5.667 ug/L

RT: 2.630 min Scan# 401

Delta R.T. -0.010 min

Lab File: VU051083.D

Acq: 03 Oct 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

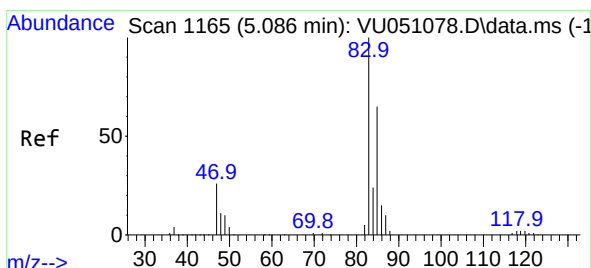
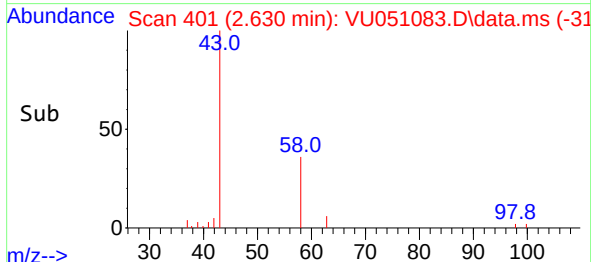
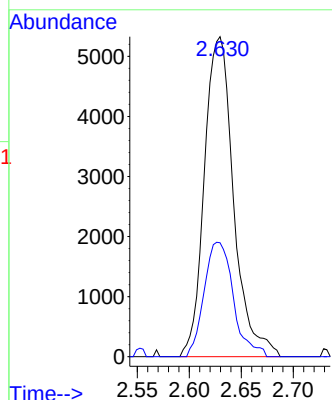
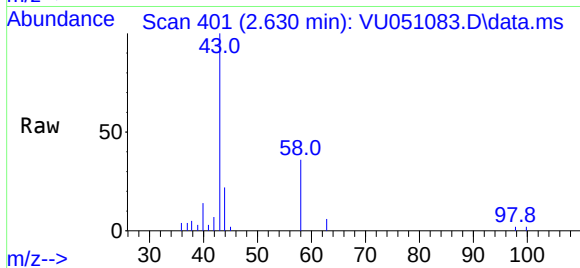
E10024

Tgt Ion: 43 Resp: 10424

Ion Ratio Lower Upper

43 100

58 35.7 0.0 73.6



#25

Chloroform

Concen: 14.975 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051083.D

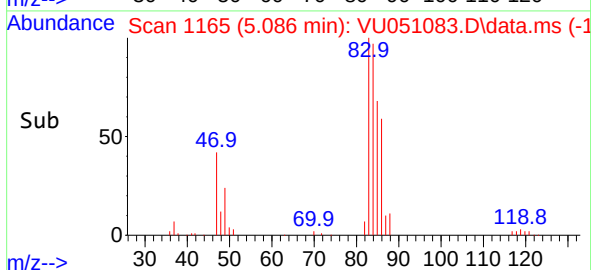
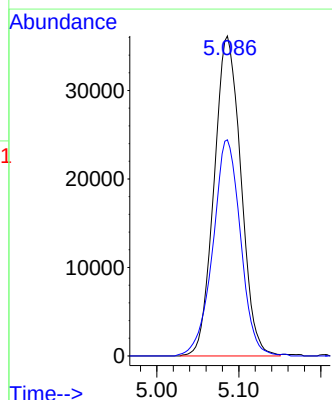
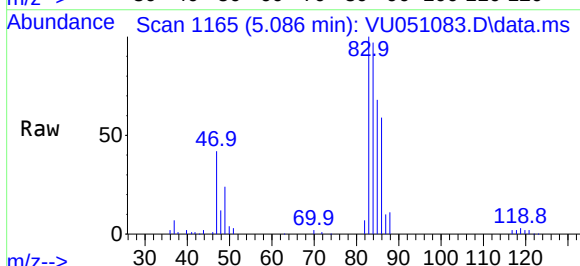
Acq: 03 Oct 2022 15:33

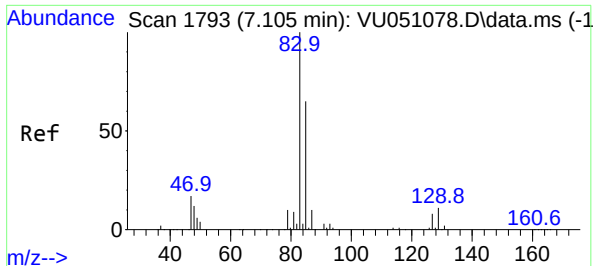
Tgt Ion: 83 Resp: 82265

Ion Ratio Lower Upper

83 100

85 67.6 45.7 84.9

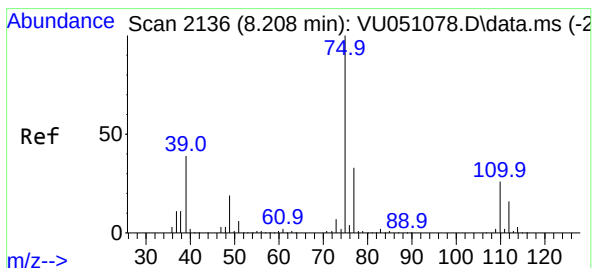
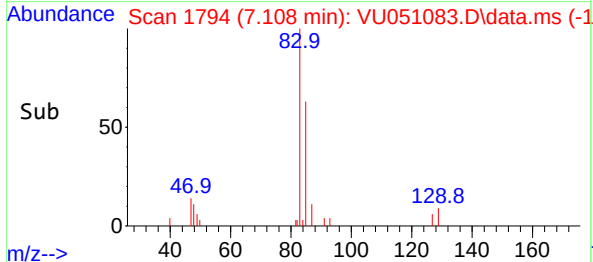
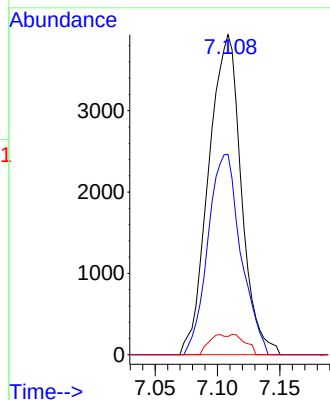
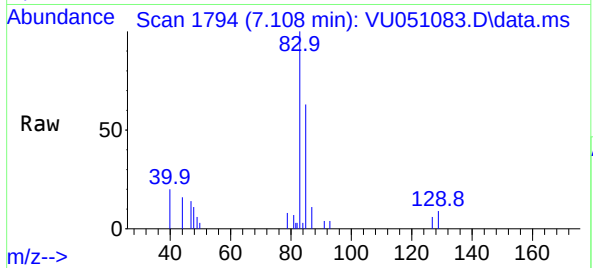




#38
Bromodichloromethane
Concen: 1.843 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051083.D
Acq: 03 Oct 2022 15:33

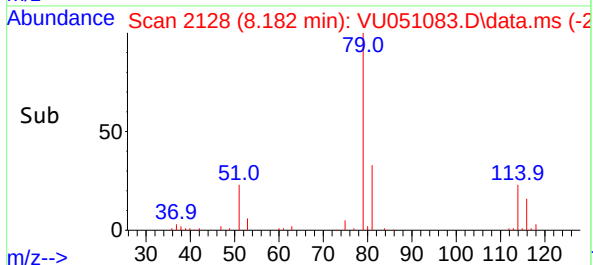
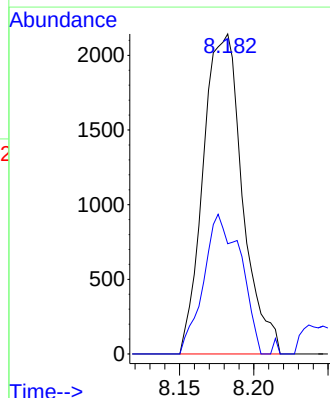
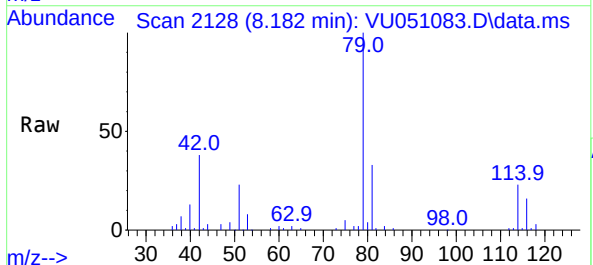
Instrument :
MSVOA_U
ClientSampleId :
E10024

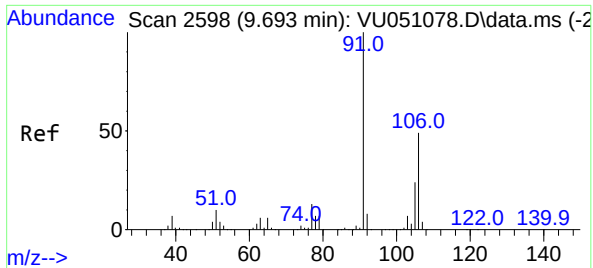
Tgt Ion: 83 Resp: 7179
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.7
127 5.7 6.7 10.1#



#44
trans-1,3-Dichloropropene
Concen: 0.941 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.026 min
Lab File: VU051083.D
Acq: 03 Oct 2022 15:33

Tgt Ion: 75 Resp: 3935
Ion Ratio Lower Upper
75 100
77 34.4 22.7 42.3





#53
 m,p-Xylene
 Concen: 1.155 ug/L
 RT: 9.690 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051083.D
 Acq: 03 Oct 2022 15:33

Instrument :
 MSVOA_U
 ClientSampleId :
 E10024

Tgt Ion:106 Resp: 5343
 Ion Ratio Lower Upper
 106 100
 91 197.4 141.9 263.5

