

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU051018.D
 Acq On : 30 Sep 2022 07:00
 Operator : JC/MD
 Sample : N4859-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

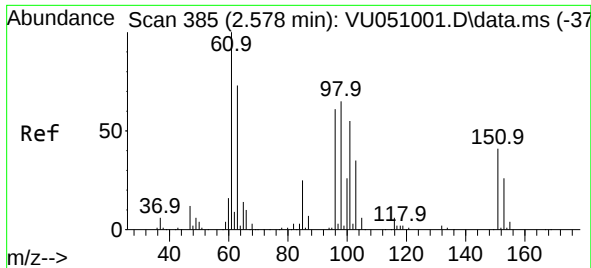
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 07:57:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	295791	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	301219	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125752	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	123852	41.316	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.640%		
7) Chloroethane-d5	1.903	69	115019	41.305	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.620%		
11) 1,1-Dichloroethene-d2	2.565	63	148043	33.433	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.860%		
21) 2-Butanone-d5	4.620	46	182747	93.993	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.990%		
24) Chloroform-d	5.060	84	224507	46.485	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.980%		
26) 1,2-Dichloroethane-d4	5.700	65	146697	49.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.140%		
32) Benzene-d6	5.726	84	448714	50.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.740%		
36) 1,2-Dichloropropane-d6	6.687	67	149564	52.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.500%		
41) Toluene-d8	7.896	98	368998	45.277	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.560%		
43) trans-1,3-Dichloroprop...	8.179	79	57851	42.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.740%		
47) 2-Hexanone-d5	8.632	63	96148	83.191	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.190%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	281652	56.304	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	112.600%		
66) 1,2-Dichlorobenzene-d4	12.192	152	149288	55.572	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.140%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1457	0.645	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1199	0.568	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	2161	0.507	ug/L	97
33) Benzene	5.774	78	8328	0.907	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	3575	1.021	ug/L #	62
44) trans-1,3-Dichloropropene	8.179	75	2495	0.705	ug/L	83
60) 1,2,3-Trichloropropane	11.809	75	15412	4.657	ug/L #	67

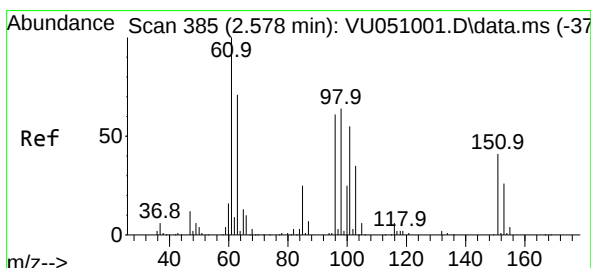
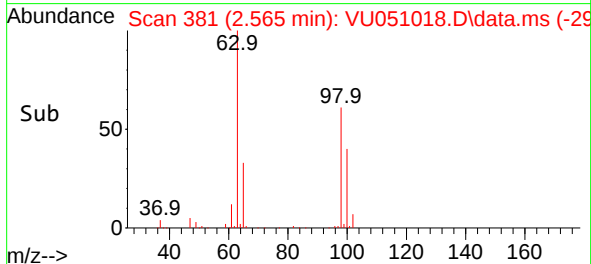
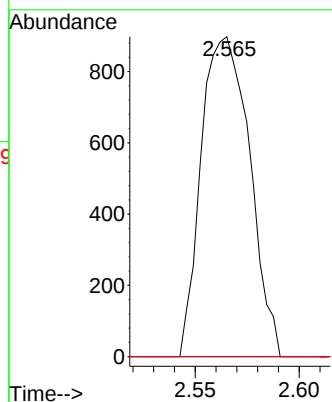
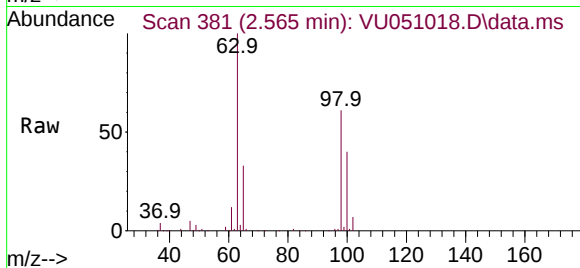
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.645 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051018.D
 Acq: 30 Sep 2022 07:00

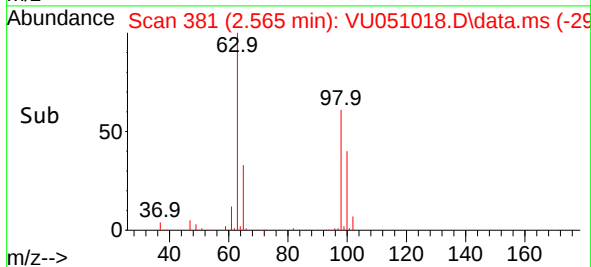
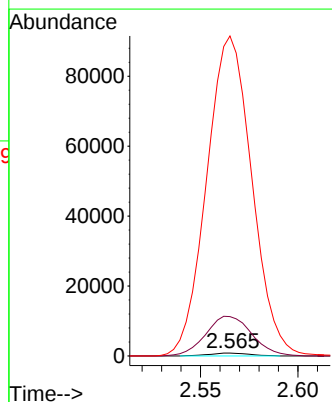
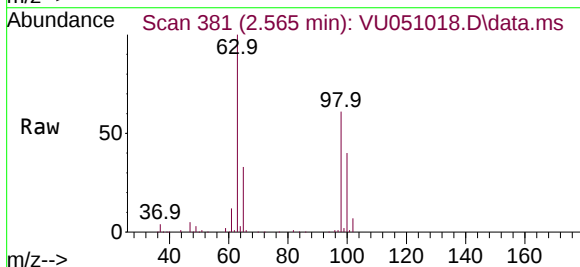
Instrument :
 MSVOA_U
 ClientSampleId :

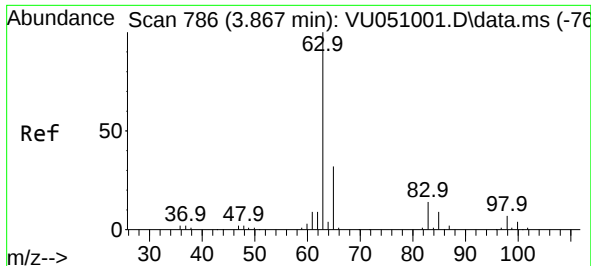
Tgt Ion:101 Resp: 1457
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.568 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051018.D
 Acq: 30 Sep 2022 07:00

Tgt Ion: 96 Resp: 1199
 Ion Ratio Lower Upper
 96 100
 61 1356.1 113.0 209.9#
 63 11028.4 91.7 170.3#

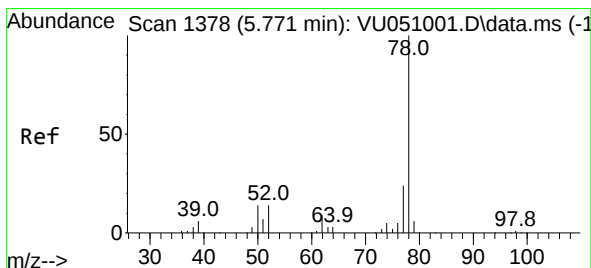
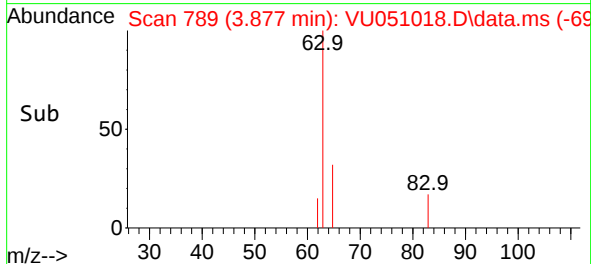
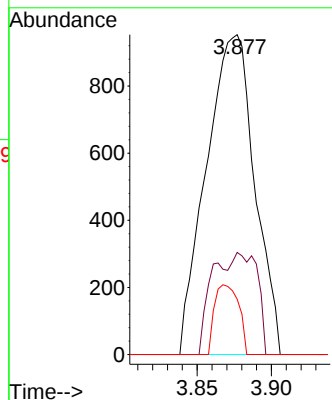
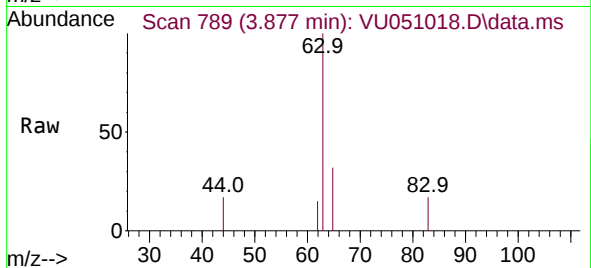




#19
1,1-Dichloroethane
Concen: 0.507 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.010 min
Lab File: VU051018.D
Acq: 30 Sep 2022 07:00

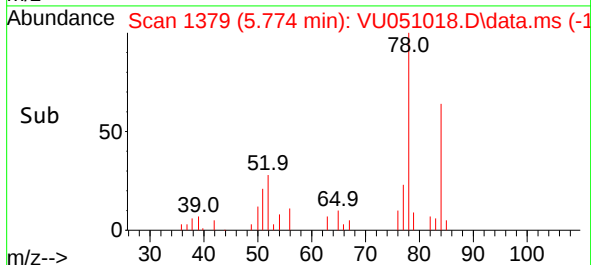
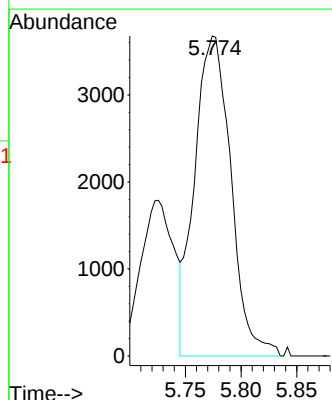
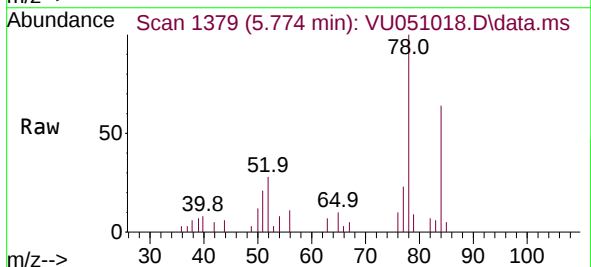
Instrument :
MSVOA_U
ClientSampleId :

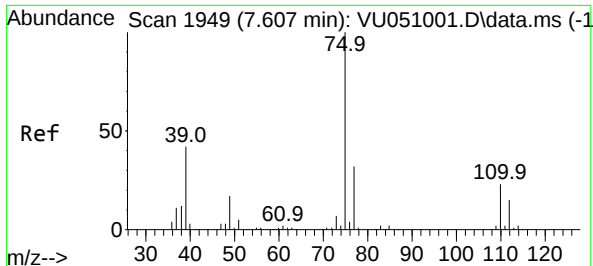
Tgt Ion: 63 Resp: 2161
Ion Ratio Lower Upper
63 100
65 31.9 22.6 42.0
83 17.3 9.4 17.4



#33
Benzene
Concen: 0.907 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051018.D
Acq: 30 Sep 2022 07:00

Tgt Ion: 78 Resp: 8328





#39

cis-1,3-Dichloropropene

Concen: 1.021 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU051018.D

Acq: 30 Sep 2022 07:00

Instrument :

MSVOA_U

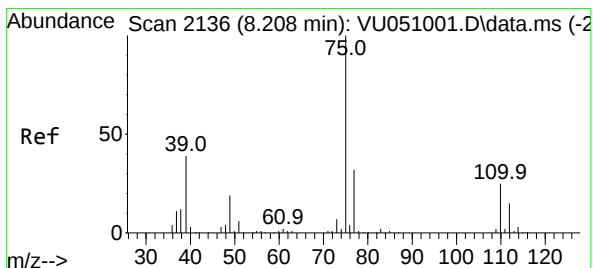
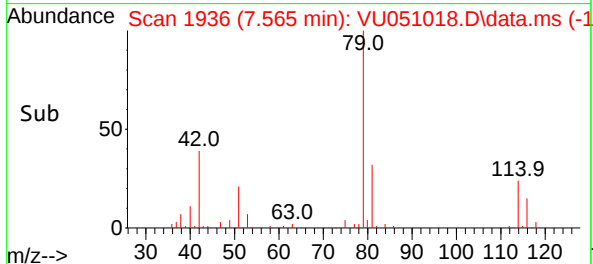
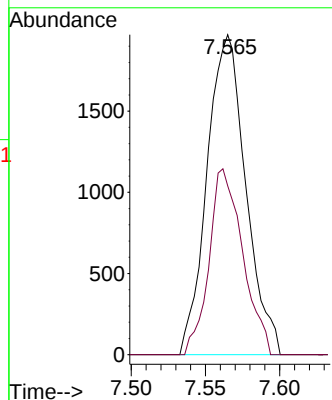
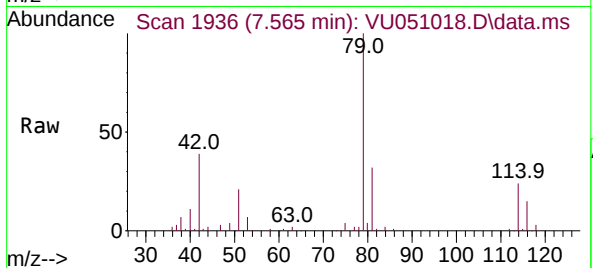
ClientSampleId :

Tgt Ion: 75 Resp: 3575

Ion Ratio Lower Upper

75 100

77 52.8 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.705 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051018.D

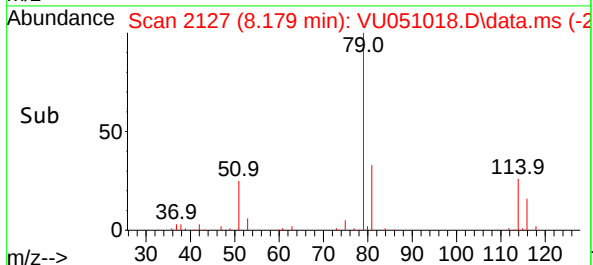
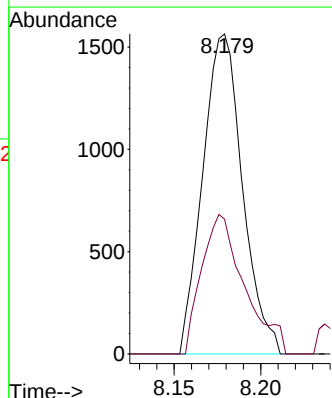
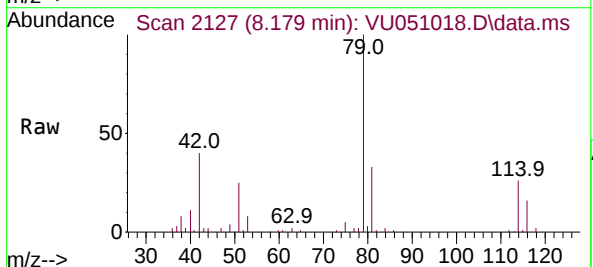
Acq: 30 Sep 2022 07:00

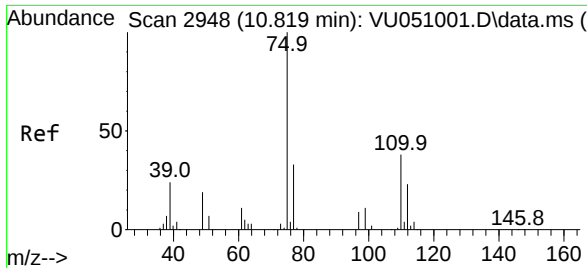
Tgt Ion: 75 Resp: 2495

Ion Ratio Lower Upper

75 100

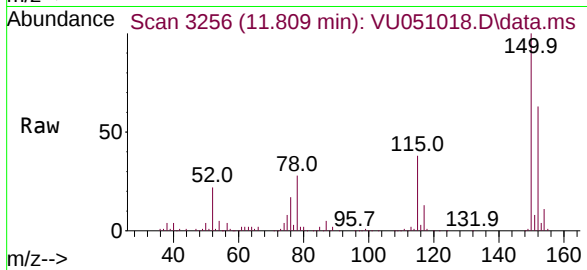
77 42.1 22.7 42.3





#60
 1,2,3-Trichloropropane
 Concen: 4.657 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051018.D
 Acq: 30 Sep 2022 07:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	15412
Ion Ratio	Lower	Upper	
75	100		
77	33.7	26.1	39.1
110	1.9	30.0	45.0#

