

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047733.D
 Acq On : 28 Mar 2022 17:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

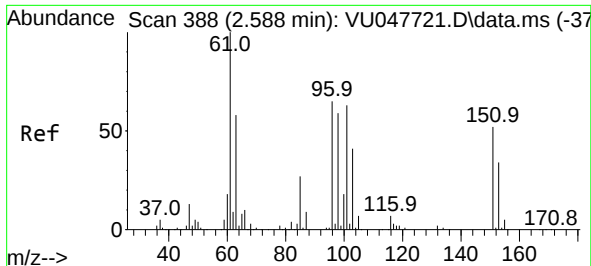
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK053

Quant Time: Mar 29 01:46:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310746	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	323776	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	170949	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	85442	37.917	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.840%		
7) Chloroethane-d5	1.919	69	77084	43.383	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.760%		
11) 1,1-Dichloroethene-d2	2.571	63	125054	30.332	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.660%		
21) 2-Butanone-d5	4.639	46	232064	119.982	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	119.980%		
24) Chloroform-d	5.066	84	194350	47.136	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.280%		
26) 1,2-Dichloroethane-d4	5.703	65	127612	50.463	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.920%		
32) Benzene-d6	5.729	84	382265	46.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.840%		
36) 1,2-Dichloropropane-d6	6.693	67	126091	50.395	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.800%		
41) Toluene-d8	7.899	98	345495	43.526	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.060%		
43) trans-1,3-Dichloroprop...	8.179	79	57078	45.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.060%		
47) 2-Hexanone-d5	8.635	63	165855	113.235	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.230%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209730	48.843	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.680%		
66) 1,2-Dichlorobenzene-d4	12.195	152	156505	51.459	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.920%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1395	0.609	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1290	0.605	ug/L #	1
20) cis-1,2-Dichloroethene	4.677	96	2414	0.958	ug/L	91
30) 1,1,1-Trichloroethane	5.317	97	2384	0.649	ug/L #	80
39) cis-1,3-Dichloropropene	7.565	75	3507	0.949	ug/L #	71

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.609 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

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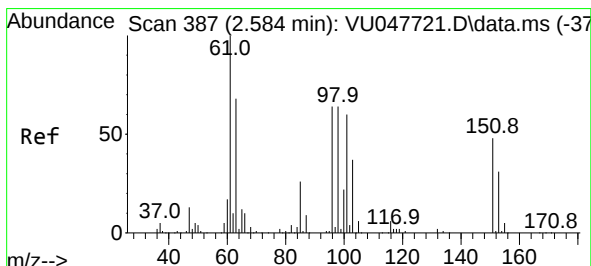
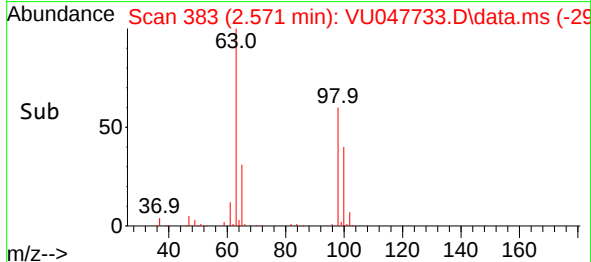
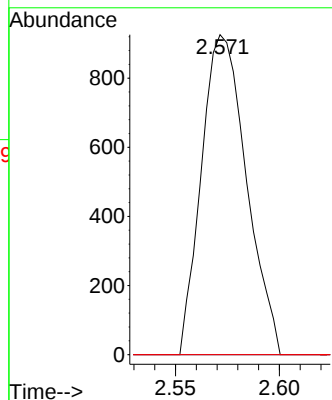
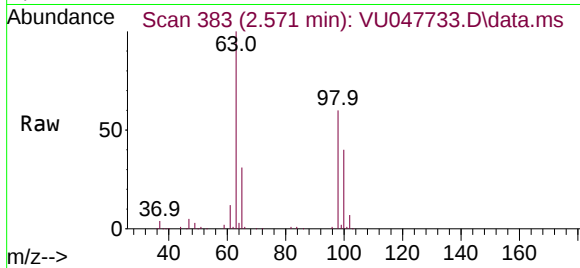
Tgt Ion:101 Resp: 1395

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#12

1,1-Dichloroethene

Concen: 0.605 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

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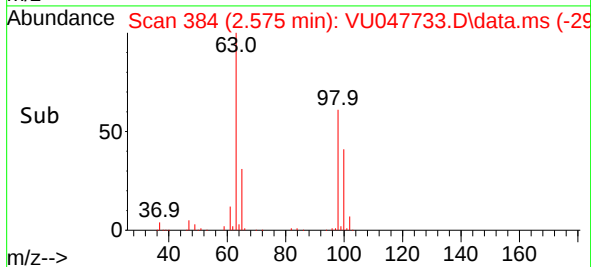
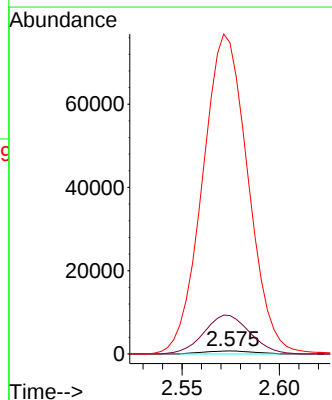
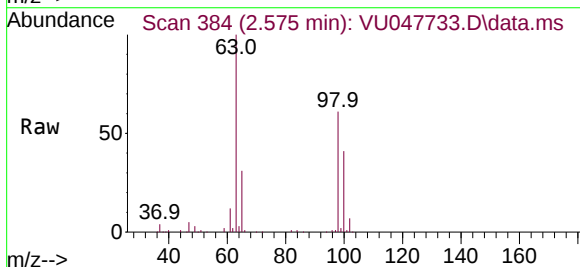
Tgt Ion: 96 Resp: 1290

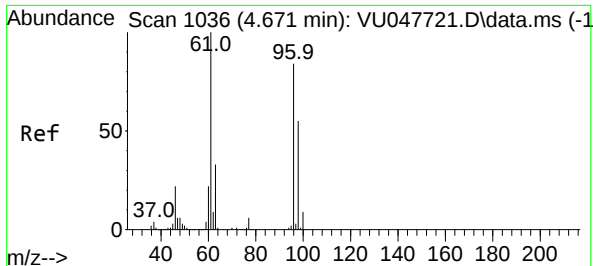
Ion Ratio Lower Upper

96 100

61 1292.6 113.1 210.1#

63 10454.8 94.8 176.0#

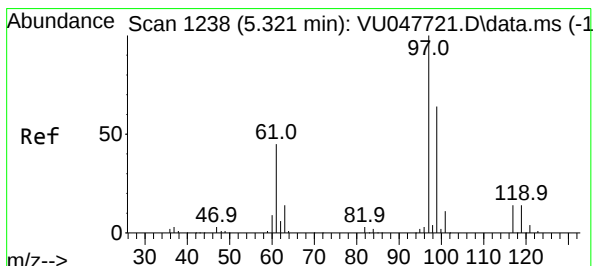
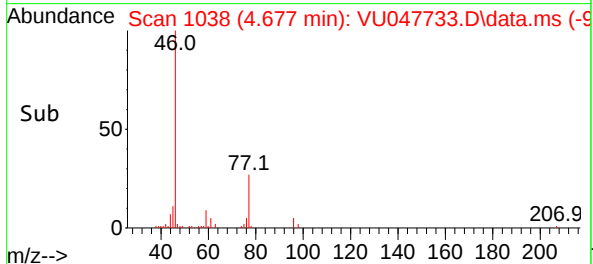
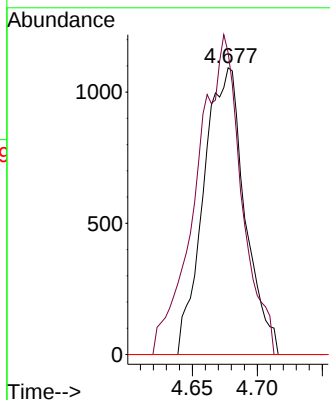
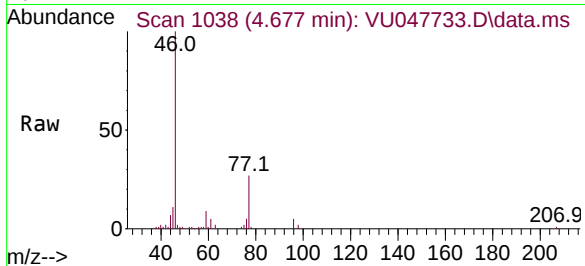




#20
 cis-1,2-Dichloroethene
 Concen: 0.958 ug/L
 RT: 4.677 min Scan# 1036
 Delta R.T. 0.006 min
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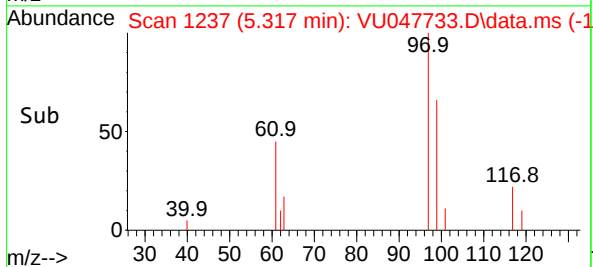
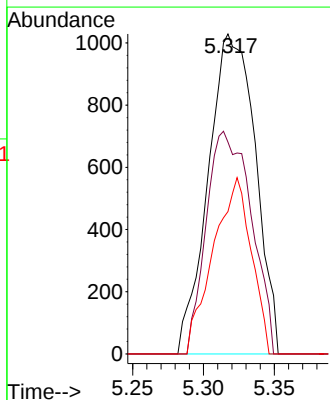
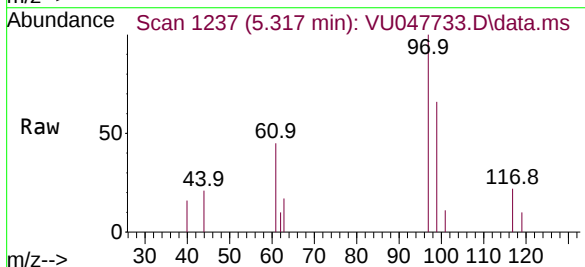
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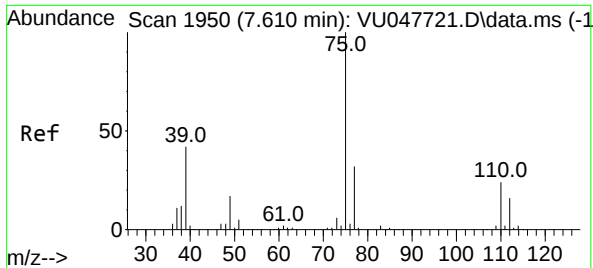
Tgt Ion: 96 Resp: 2414
 Ion Ratio Lower Upper
 96 100
 61 105.3 80.7 149.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 0.649 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. -0.003 min
 Lab File: VU047733.D
 Acq: 28 Mar 2022 17:23

Tgt Ion: 97 Resp: 2384
 Ion Ratio Lower Upper
 97 100
 99 39.3 51.6 77.4#
 61 44.4 34.2 51.4





#39

cis-1,3-Dichloropropene

Concen: 0.949 ug/L

RT: 7.565 min Scan# 19

Delta R.T. -0.045 min

Lab File: VU047733.D

Acq: 28 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK053

Tgt Ion: 75 Resp: 3507

Ion Ratio Lower Upper

75 100

77 47.1 21.8 40.6#

