

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050954.D
 Acq On : 27 Sep 2022 14:10
 Operator : JC/MD
 Sample : N4854-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J04

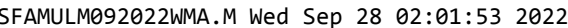
Quant Time: Sep 28 02:01:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

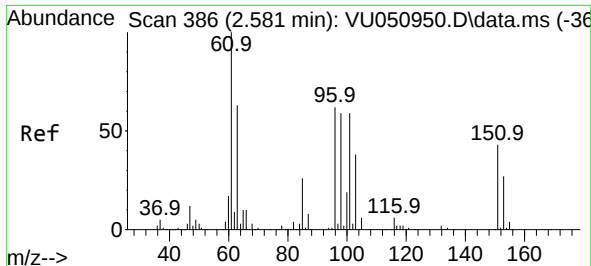
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	331273	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	146459	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	117133	34.128	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.260%	
7) Chloroethane-d5	1.913	69	108475	44.377	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.760%	
11) 1,1-Dichloroethene-d2	2.565	63	156553	29.314	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.620%#	
21) 2-Butanone-d5	4.620	46	259339	117.039	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	117.040%	
24) Chloroform-d	5.060	84	271732	50.520	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.040%	
26) 1,2-Dichloroethane-d4	5.700	65	179373	54.113	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.220%	
32) Benzene-d6	5.726	84	519323	44.860	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.720%	
36) 1,2-Dichloropropane-d6	6.691	67	185600	47.498	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.000%	
41) Toluene-d8	7.896	98	422900	41.792	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.580%	
43) trans-1,3-Dichloroprop...	8.179	79	75380	44.344	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.680%	
47) 2-Hexanone-d5	8.629	63	162281	100.776	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.780%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	293335	49.238	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.480%	
66) 1,2-Dichlorobenzene-d4	12.192	152	166002	54.134	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.260%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1502	0.554	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1411	0.554	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	29779	10.289	ug/L	94
34) Trichloroethene	6.543	95	22423	7.463	ug/L	97
35) Methylcyclohexane	6.691	83	42267	8.731	ug/L #	18
44) trans-1,3-Dichloropropene	8.176	75	3494	0.775	ug/L #	77
46) Tetrachloroethene	8.555	164	4930815	2283.771	ug/L	97

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

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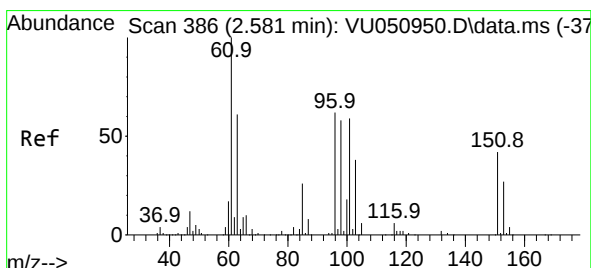
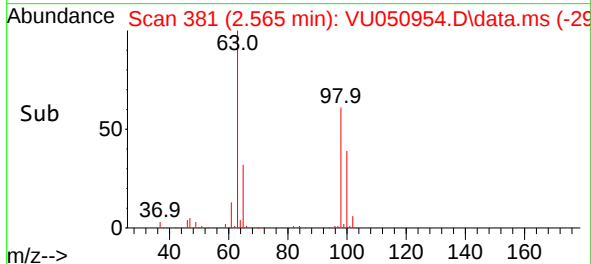
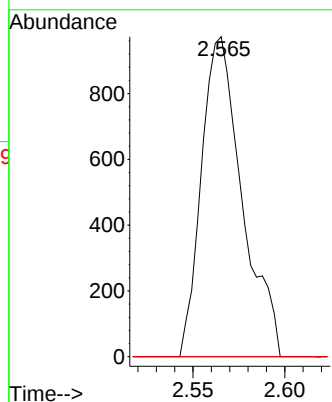
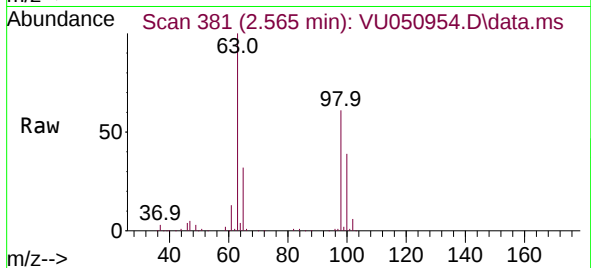




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.554 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU050954.D
Acq: 27 Sep 2022 14:10

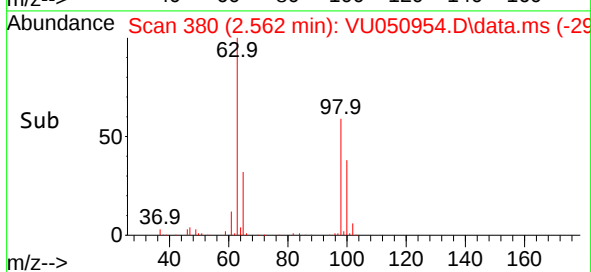
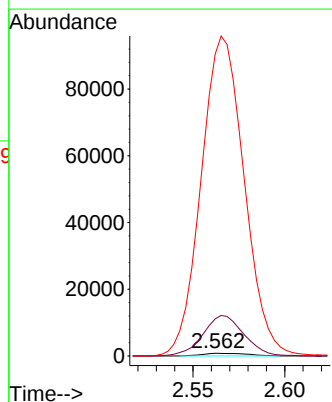
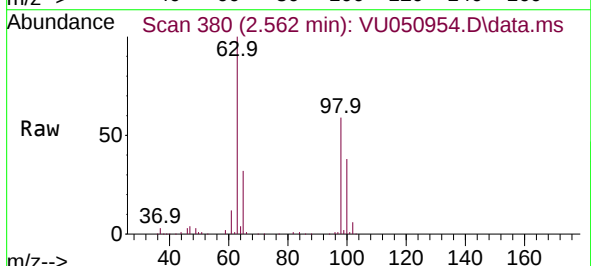
Instrument :
MSVOA_U
ClientSampleId :
F5J04

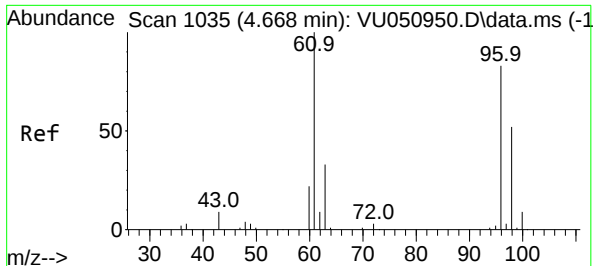
Tgt Ion:101 Resp: 1502
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 0.554 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.019 min
Lab File: VU050954.D
Acq: 27 Sep 2022 14:10

Tgt Ion: 96 Resp: 1411
Ion Ratio Lower Upper
96 100
61 1381.5 118.6 220.2#
63 11246.7 90.4 168.0#





#20

cis-1,2-Dichloroethene

Concen: 10.289 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050954.D

Acq: 27 Sep 2022 14:10

Instrument :

MSVOA_U

ClientSampleId :

F5J04

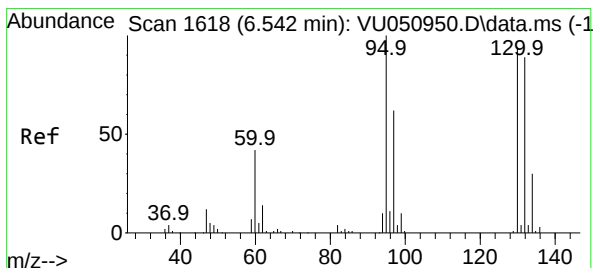
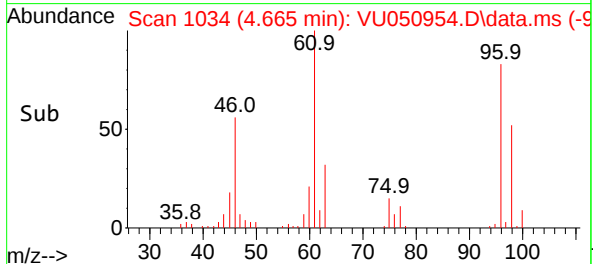
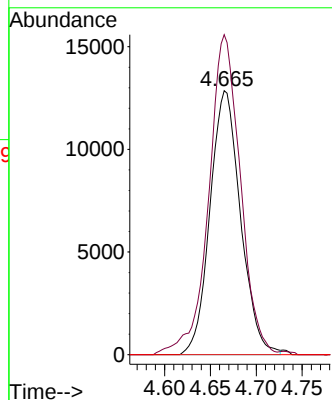
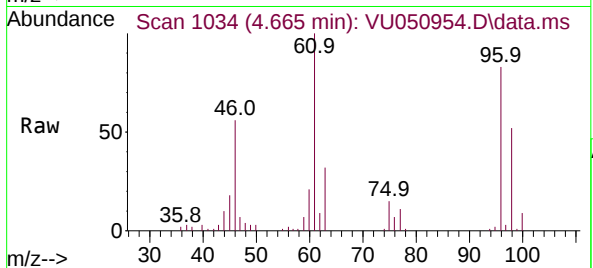
Tgt Ion: 96 Resp: 29779

Ion Ratio Lower Upper

96 100

61 121.2 90.1 167.3

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 7.463 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050954.D

Acq: 27 Sep 2022 14:10

Tgt Ion: 95 Resp: 22423

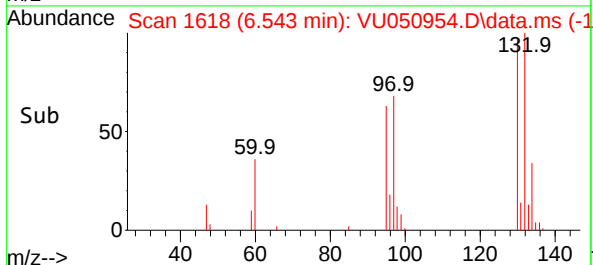
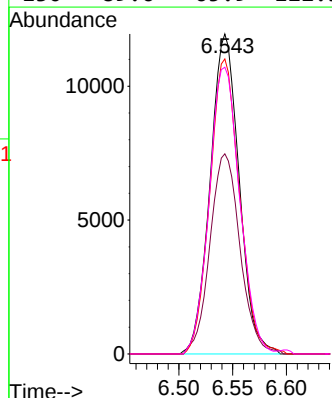
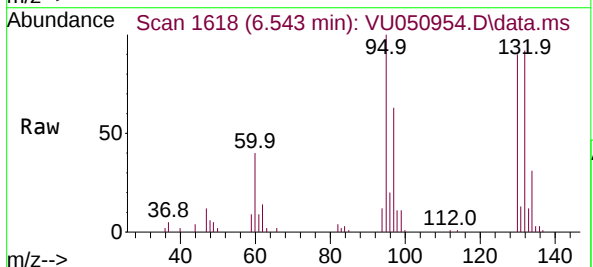
Ion Ratio Lower Upper

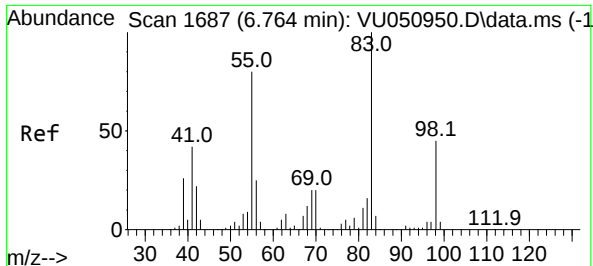
95 100

97 62.6 43.9 81.5

132 92.2 63.1 117.1

130 89.6 65.9 122.3





#35

Methylcyclohexane

Concen: 8.731 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050954.D

Acq: 27 Sep 2022 14:10

Instrument :

MSVOA_U

ClientSampleId :

F5J04

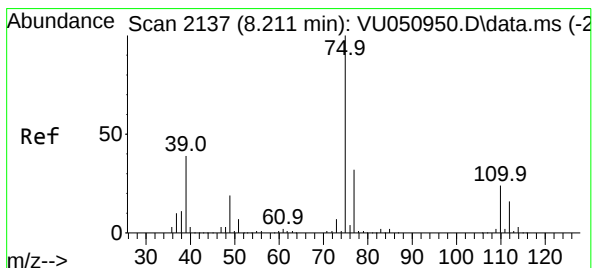
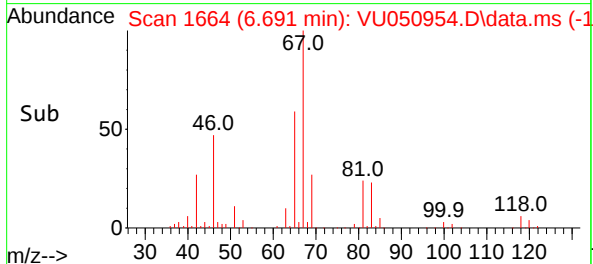
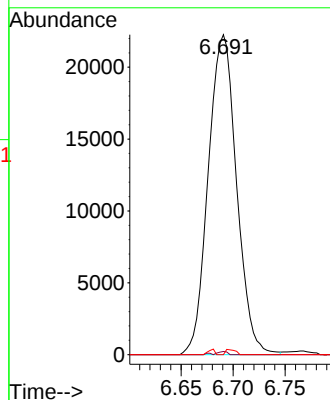
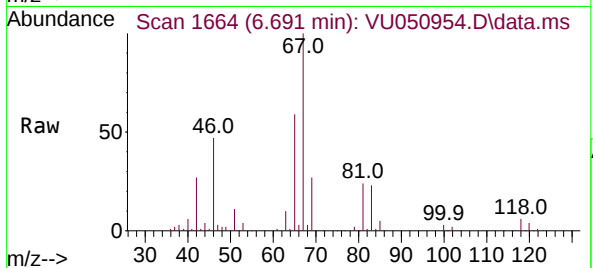
Tgt Ion: 83 Resp: 42267

Ion Ratio Lower Upper

83 100

55 0.3 64.7 97.1#

98 0.6 35.2 52.8#



#44

trans-1,3-Dichloropropene

Concen: 0.775 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU050954.D

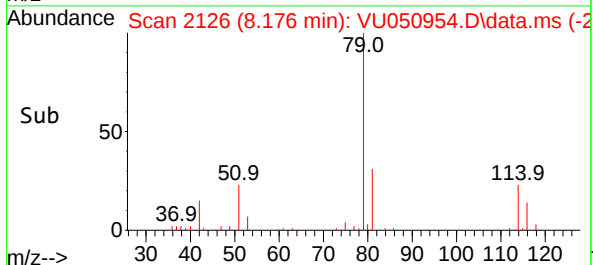
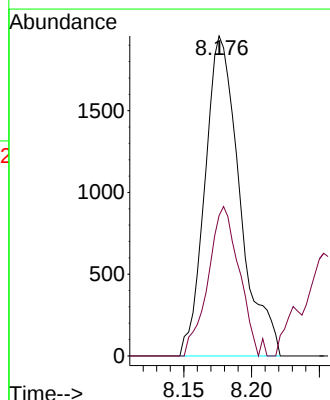
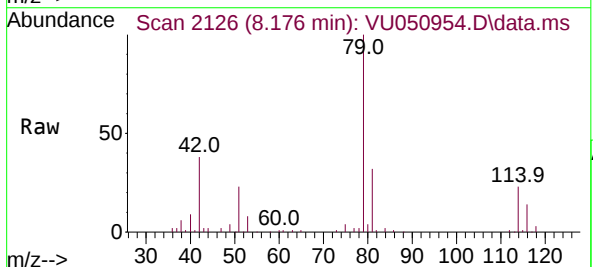
Acq: 27 Sep 2022 14:10

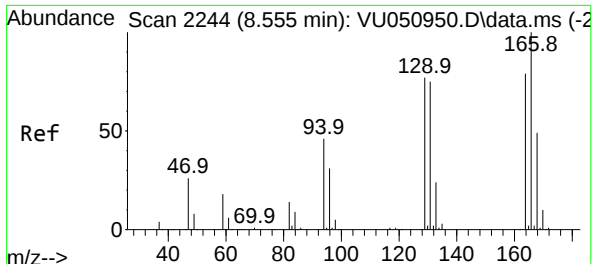
Tgt Ion: 75 Resp: 3494

Ion Ratio Lower Upper

75 100

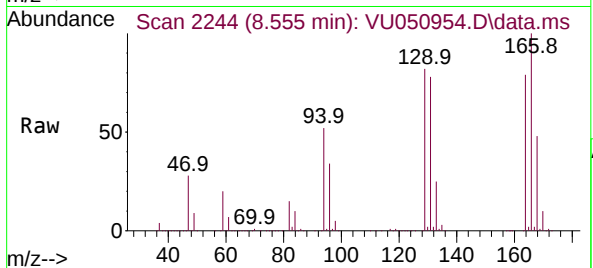
77 43.8 21.9 40.7#





#46
 Tetrachloroethene
 Concen: 2283.771 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU050954.D
 Acq: 27 Sep 2022 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J04



Tgt Ion:164 Resp: 4930815
 Ion Ratio Lower Upper
 164 100
 129 104.0 68.5 127.3
 131 99.1 66.1 122.7
 166 126.5 88.8 164.8

