

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051057.D
 Acq On : 01 Oct 2022 00:42
 Operator : JC/MD
 Sample : N4869-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

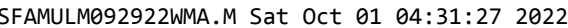
Instrument :
 MSVOA_U
 ClientSampleId :

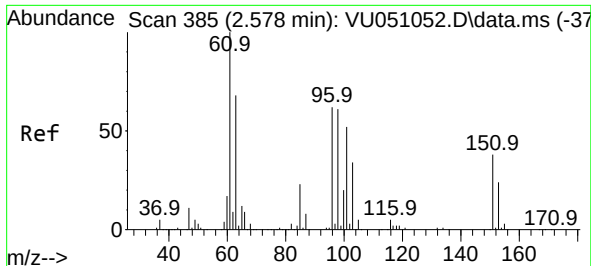
Quant Time: Oct 01 04:31:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	420569	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	405241	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	147121	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	142773	33.497	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	67.000%	
7) Chloroethane-d5	1.903	69	135353	34.186	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	68.380%#	
11) 1,1-Dichloroethene-d2	2.565	63	189457	30.092	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.180%	
21) 2-Butanone-d5	4.620	46	280258	101.380	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.380%	
24) Chloroform-d	5.060	84	298697	43.497	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.700	65	198402	46.678	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.360%	
32) Benzene-d6	5.726	84	593492	50.012	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.020%	
36) 1,2-Dichloropropane-d6	6.687	67	204398	53.080	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.160%	
41) Toluene-d8	7.896	98	480450	43.820	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.640%	
43) trans-1,3-Dichloroprop...	8.176	79	80083	43.602	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.200%	
47) 2-Hexanone-d5	8.633	63	146136	93.986	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.990%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	305081	45.332	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.660%	
66) 1,2-Dichlorobenzene-d4	12.192	152	156583	49.821	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.640%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2090	0.651	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	1429	0.476	ug/L #	1
44) trans-1,3-Dichloropropene	8.182	75	3595	0.755	ug/L	97
46) Tetrachloroethene	8.552	164	7636	3.149	ug/L	96
49) Dibromochloromethane	8.552	129	7343	1.938	ug/L #	12

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

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#10

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

Concen: 0.651 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU051057.D

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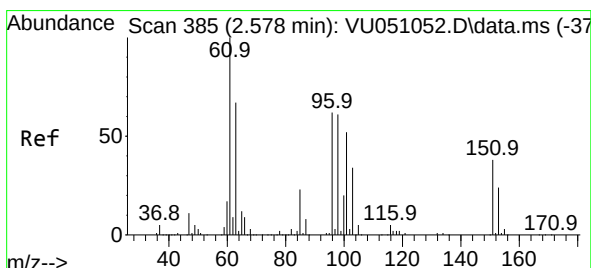
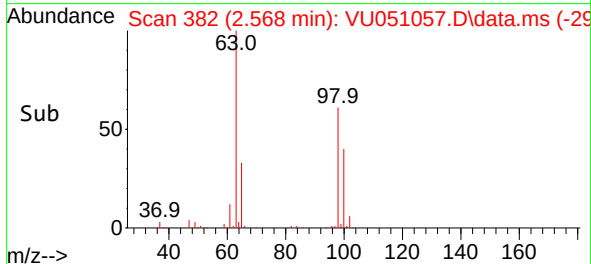
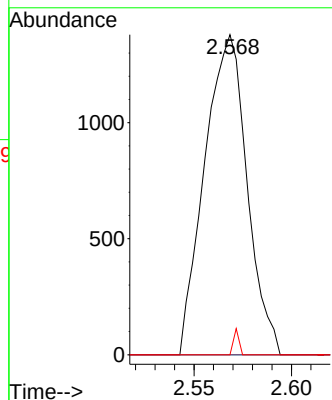
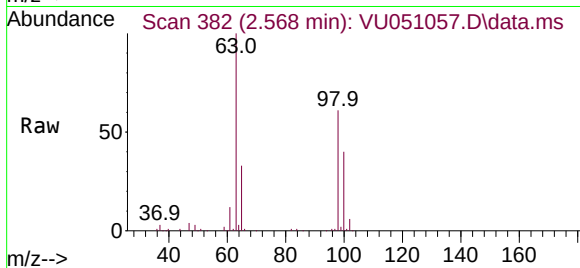
Tgt Ion:101 Resp: 2090

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: 0.476 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU051057.D

Acq: 01 Oct 2022 00:42

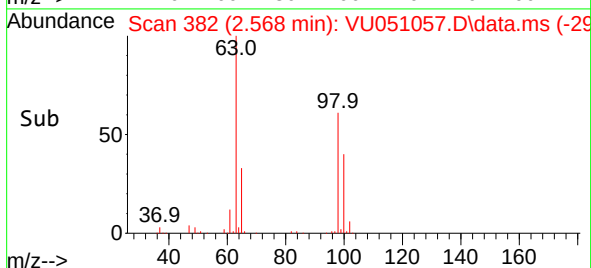
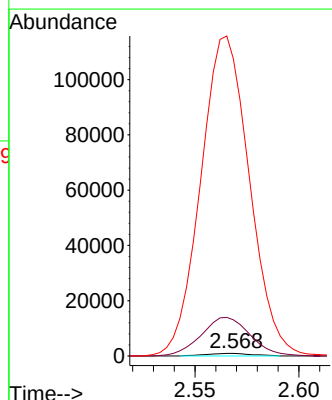
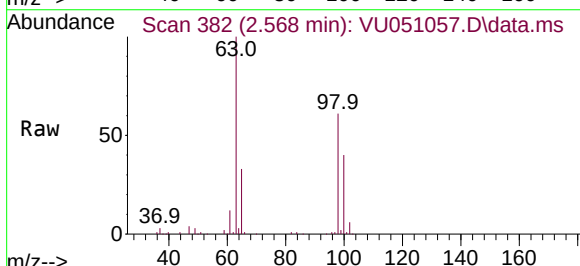
Tgt Ion: 96 Resp: 1429

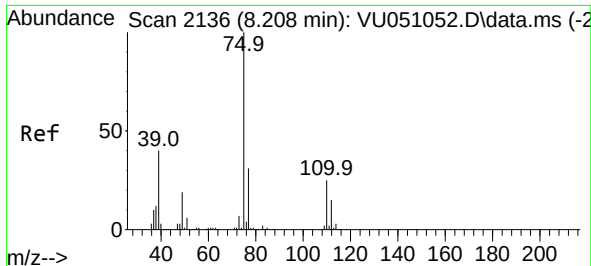
Ion Ratio Lower Upper

96 100

61 1372.9 113.0 209.9#

63 11298.3 91.7 170.3#

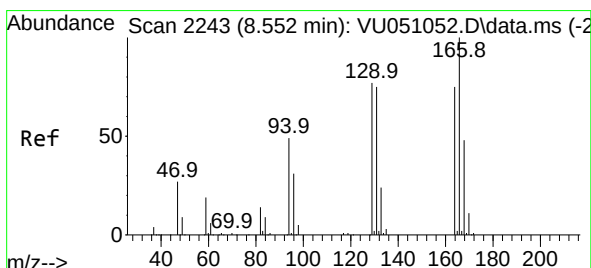
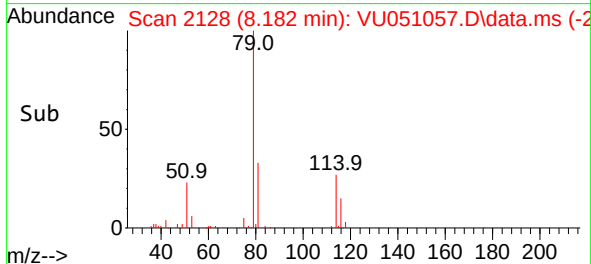
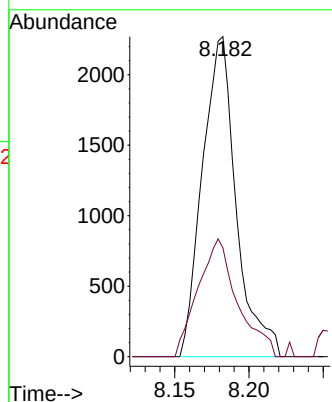
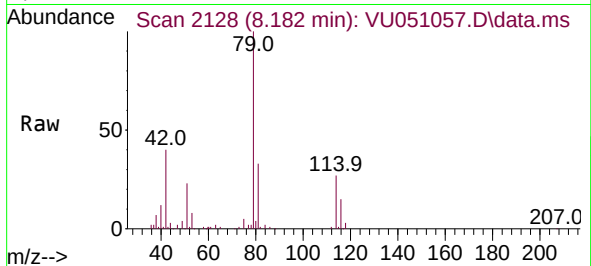




#44
trans-1,3-Dichloropropene
Concen: 0.755 ug/L
RT: 8.182 min Scan# 2136
Delta R.T. -0.026 min
Lab File: VU051057.D
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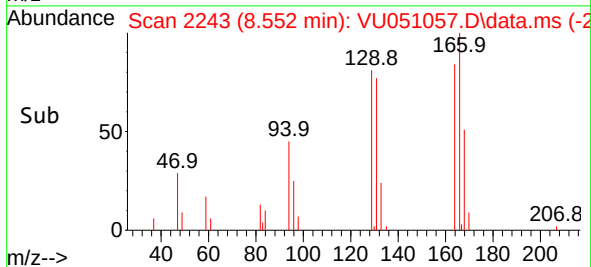
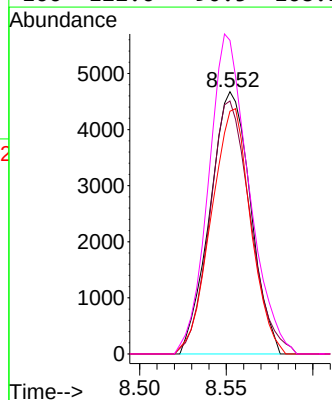
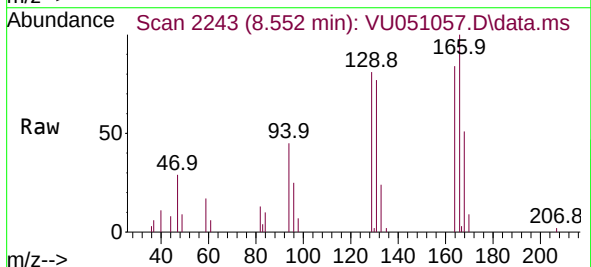
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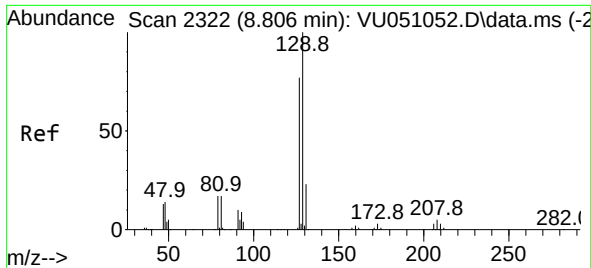
Tgt Ion: 75 Resp: 3595
Ion Ratio Lower Upper
75 100
77 34.0 22.7 42.3



#46
Tetrachloroethene
Concen: 3.149 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051057.D
Acq: 01 Oct 2022 00:42

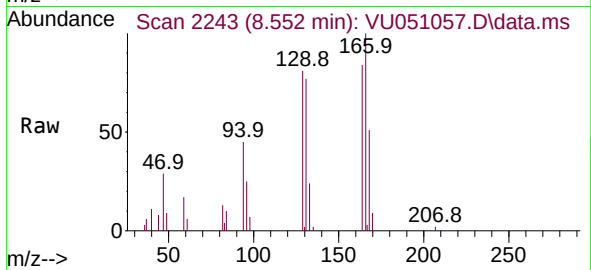
Tgt Ion:164 Resp: 7636
Ion Ratio Lower Upper
164 100
129 96.4 68.1 126.5
131 92.6 67.8 126.0
166 122.6 90.5 168.1





#49
 Dibromochloromethane
 Concen: 1.938 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU051057.D
 Acq: 01 Oct 2022 00:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 7343
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.8 98.0#

