

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090924\
 Data File : VV037230.D
 Acq On : 09 Sep 2024 09:28
 Operator : SY/MD
 Sample : VV0909MBL01
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

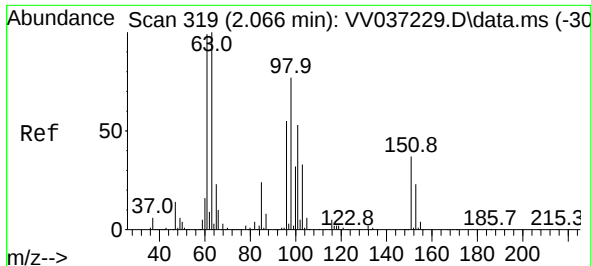
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 22:02:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 09 22:02:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	665820	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	634587	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	299338	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	275362	45.211	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.420%		
7) Chloroethane-d5	1.532	69	219523	46.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.280%		
11) 1,1-Dichloroethene-d2	2.056	65	115675	45.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.380%		
21) 2-Butanone-d5	3.789	46	195496	82.886	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.890%		
24) Chloroform-d	4.239	84	458012	48.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.100%		
26) 1,2-Dichloroethane-d4	4.931	65	287426	47.880	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.760%		
32) Benzene-d6	4.950	84	937648	48.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.840%		
36) 1,2-Dichloropropane-d6	5.982	67	299237	49.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.680%		
41) Toluene-d8	7.236	98	831405	48.063	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.120%		
43) trans-1,3-Dichloroprop...	7.545	79	128757	46.359	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.720%		
47) 2-Hexanone-d5	8.021	63	123740	75.524	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.520%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	315955	43.395	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.780%		
66) 1,2-Dichlorobenzene-d4	11.554	152	296892	49.522	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.040%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3369	0.731	ug/L #	26
39) cis-1,3-Dichloropropene	6.905	75	8465	1.093	ug/L #	54
69) 1,3,5-Trichlorobenzene	13.201	180	6957	1.116	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	6957	1.185	ug/L	96
71) Naphthalene	13.442	128	43056	2.540	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	7522	1.300	ug/L #	89

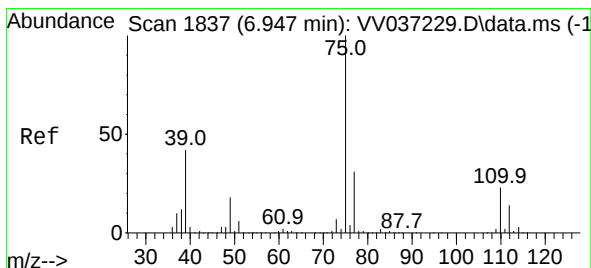
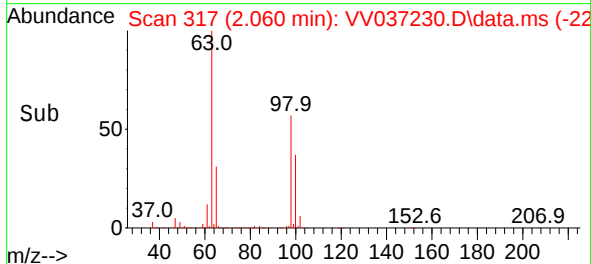
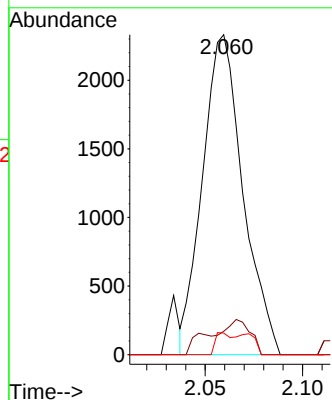
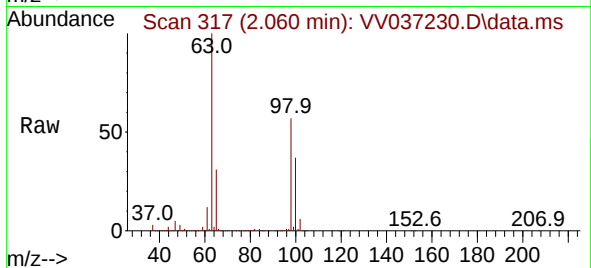
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.731 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.007 min
Lab File: VV037230.D
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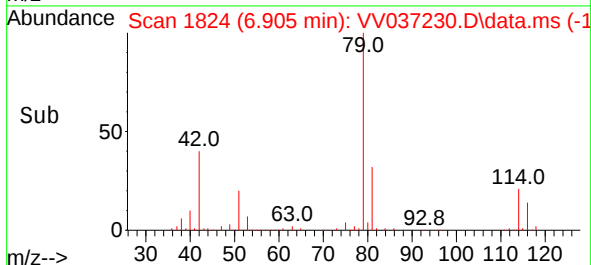
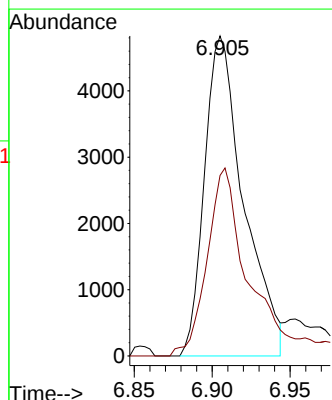
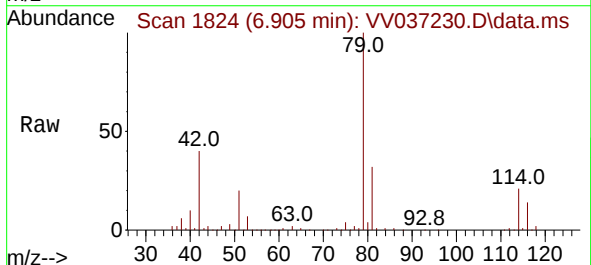
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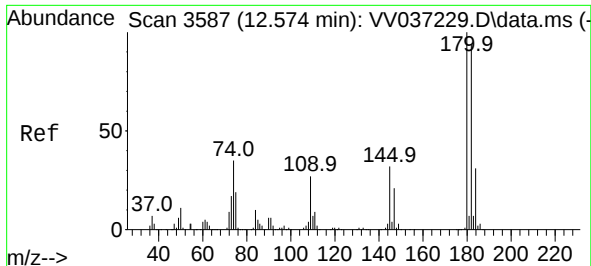
Tgt Ion:101 Resp: 3369
Ion Ratio Lower Upper
101 100
85 3.2 35.6 53.4#
151 2.5 55.0 82.4#



#39
cis-1,3-Dichloropropene
Concen: 1.093 ug/L
RT: 6.905 min Scan# 1824
Delta R.T. -0.042 min
Lab File: VV037230.D
Acq: 09 Sep 2024 09:28

Tgt Ion: 75 Resp: 8465
Ion Ratio Lower Upper
75 100
77 56.4 21.7 40.3#





#69

1,3,5-Trichlorobenzene

Concen: 1.116 ug/L

RT: 13.201 min Scan# 3

Delta R.T. 0.627 min

Lab File: VV037230.D

Acq: 09 Sep 2024 09:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 6957

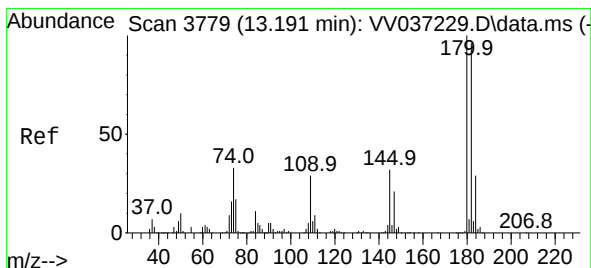
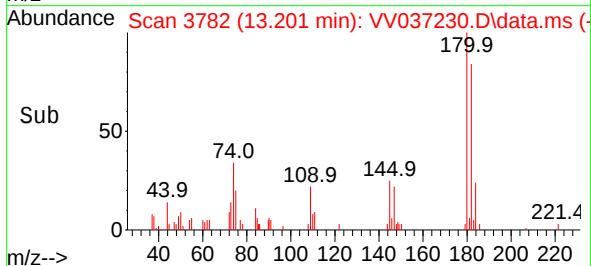
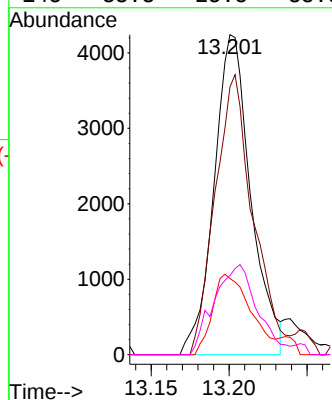
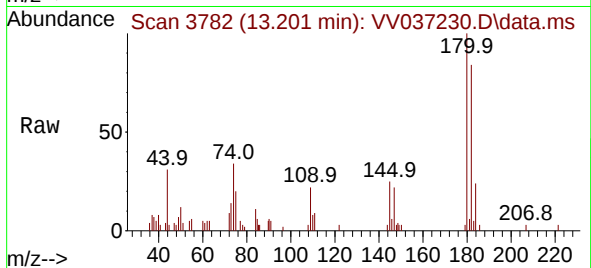
Ion Ratio Lower Upper

180 100

182 90.3 76.7 115.1

184 26.2 24.2 36.2

145 33.3 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 1.185 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.009 min

Lab File: VV037230.D

Acq: 09 Sep 2024 09:28

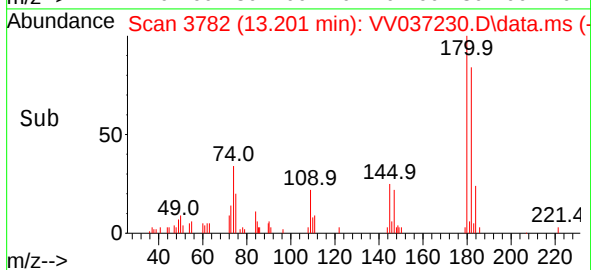
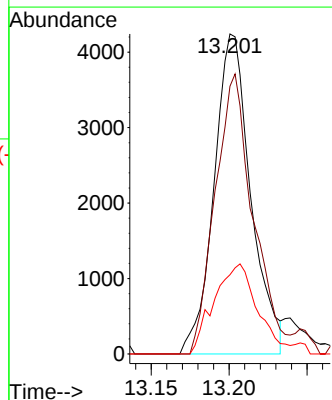
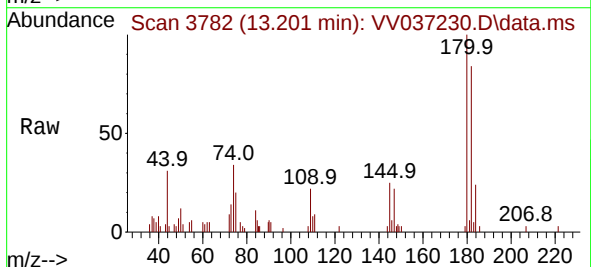
Tgt Ion:180 Resp: 6957

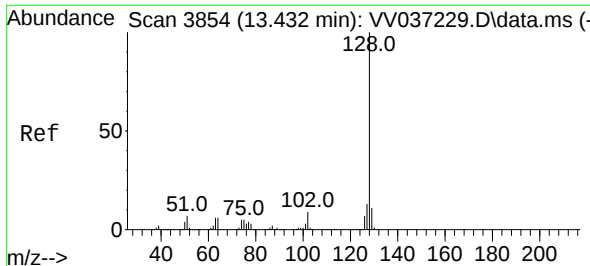
Ion Ratio Lower Upper

180 100

182 90.3 75.7 113.5

145 33.3 26.0 39.0

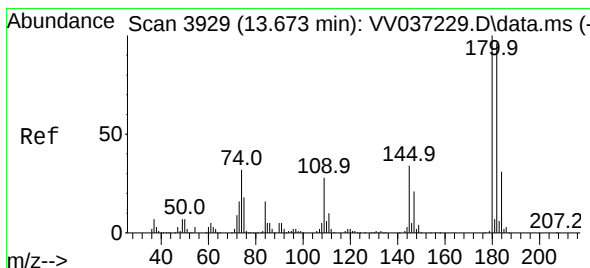
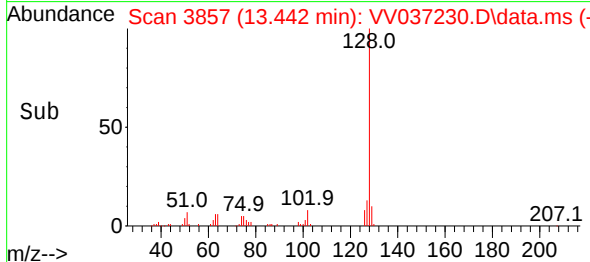
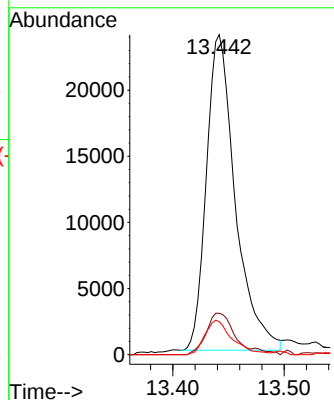
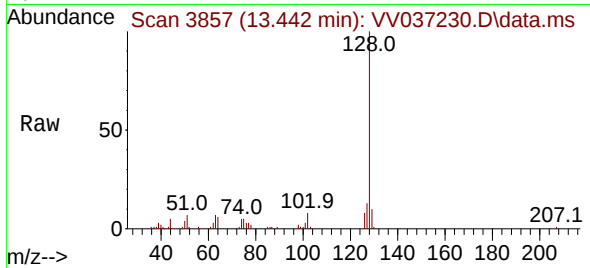




#71
Naphthalene
Concen: 2.540 ug/L
RT: 13.442 min Scan# 3854
Delta R.T. 0.009 min
Lab File: VV037230.D
Acq: 09 Sep 2024 09:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 43056
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.4 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.300 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.006 min
Lab File: VV037230.D
Acq: 09 Sep 2024 09:28

Tgt Ion:180 Resp: 7522
Ion Ratio Lower Upper
180 100
182 95.7 75.1 112.7
145 12.4 27.0 40.4#

