

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037022.D
 Acq On : 26 Aug 2024 13:18
 Operator : SY/MD
 Sample : VV0826MBL01
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:59:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:58:15 2024
 Response via : Initial Calibration

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

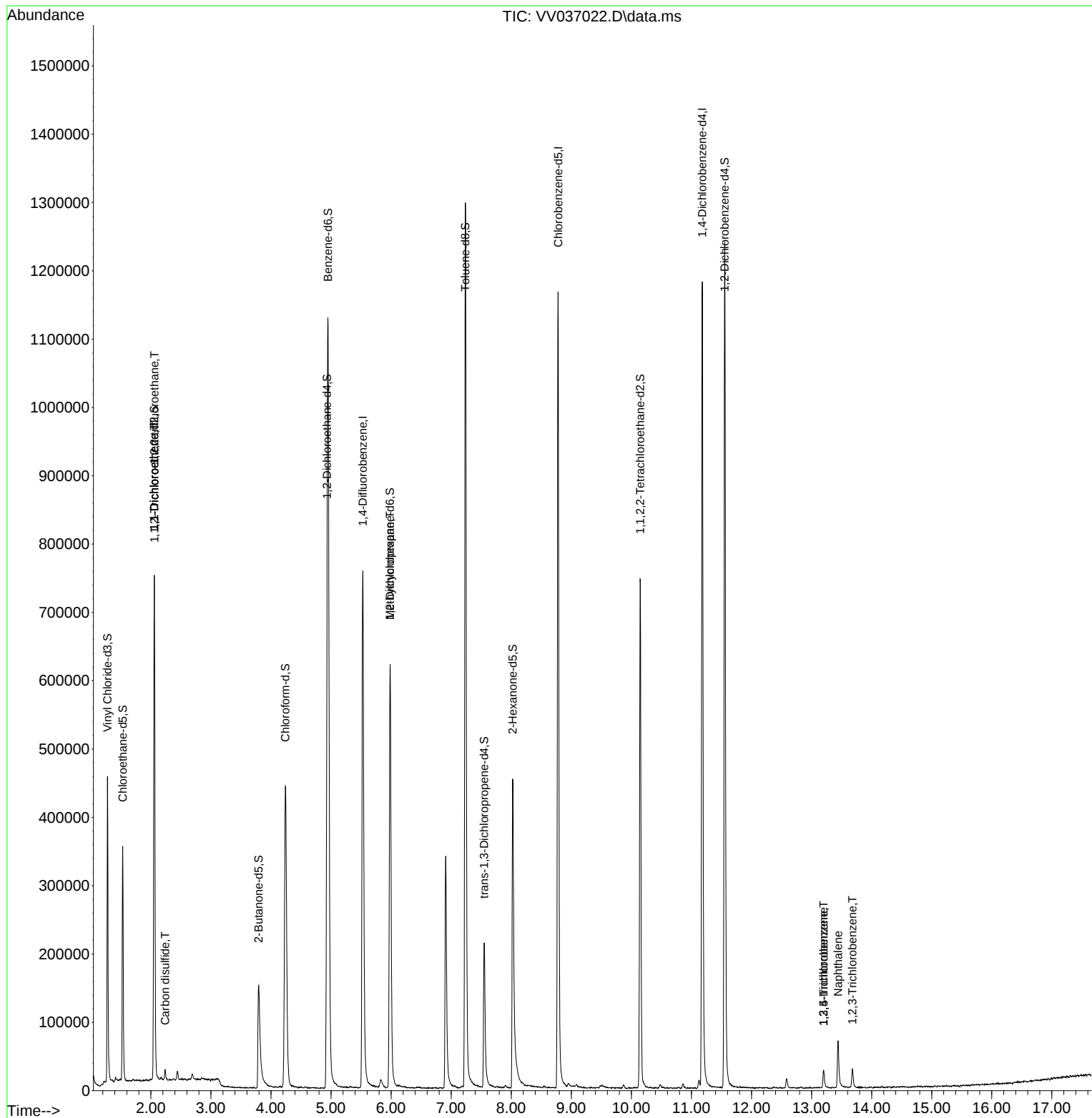
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	661063	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	629797	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	301147	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	296745	49.072	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.140%		
7) Chloroethane-d5	1.532	69	226700	48.507	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.020%		
11) 1,1-Dichloroethene-d2	2.056	65	125526	49.388	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.780%		
21) 2-Butanone-d5	3.793	46	247013	105.482	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.480%		
24) Chloroform-d	4.240	84	469779	49.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.280%		
26) 1,2-Dichloroethane-d4	4.934	65	303100	50.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.700%		
32) Benzene-d6	4.950	84	961745	50.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.120%		
36) 1,2-Dichloropropane-d6	5.982	67	307262	51.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.140%		
41) Toluene-d8	7.236	98	856873	49.912	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.820%		
43) trans-1,3-Dichloroprop...	7.548	79	129940	47.140	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.280%		
47) 2-Hexanone-d5	8.024	63	156968	96.533	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.530%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	358133	49.562	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.120%		
66) 1,2-Dichlorobenzene-d4	11.555	152	306887	50.882	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.760%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3907	0.853	ug/L #	34
12) 1,1-Dichloroethene	2.056	96	3837	0.890	ug/L #	1
14) Carbon disulfide	2.237	76	14802	1.131	ug/L #	89
35) Methylcyclohexane	5.982	83	74552	9.565	ug/L #	19
69) 1,3,5-Trichlorobenzene	13.201	180	7963	1.269	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	7963	1.348	ug/L	94
71) Naphthalene	13.442	128	59444	3.485	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	8470	1.455	ug/L	96

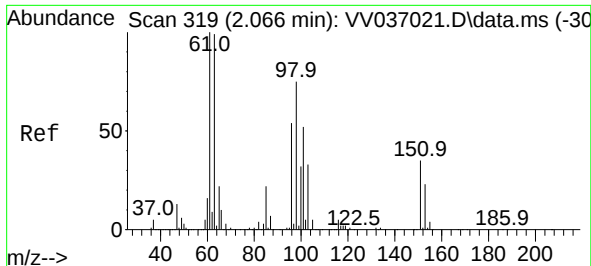
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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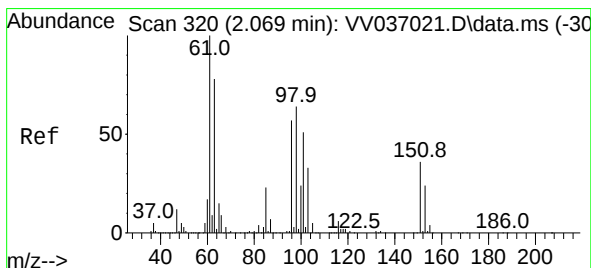
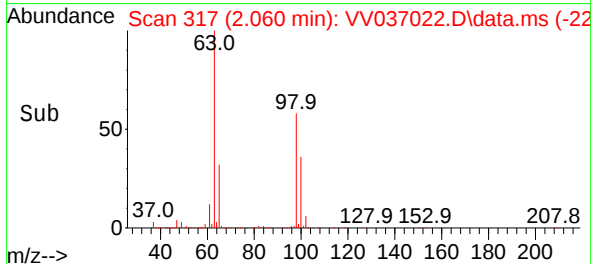
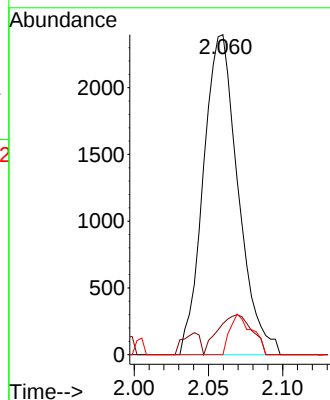
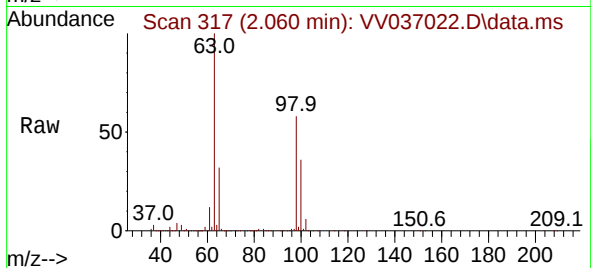




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.853 ug/L
 RT: 2.060 min Scan# 319
 Delta R.T. -0.006 min
 Lab File: VV037022.D
 Acq: 26 Aug 2024 13:18

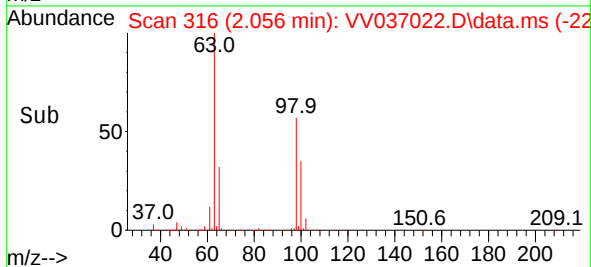
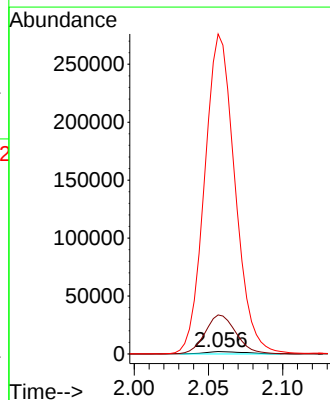
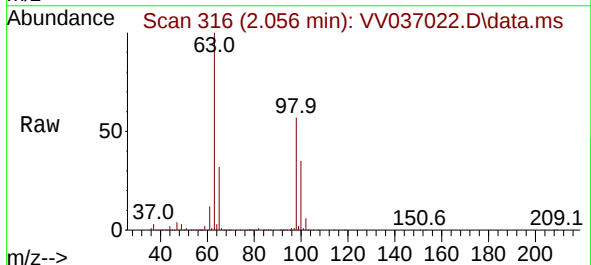
Instrument :
 MSVOA_V
 ClientSampleId :

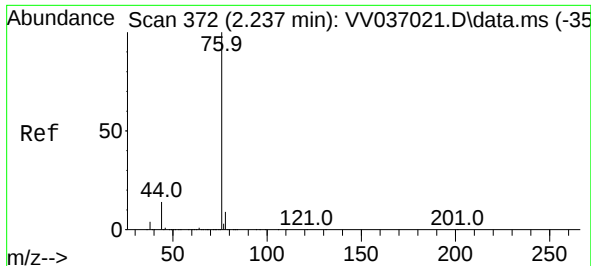
Tgt Ion:101 Resp: 3907
 Ion Ratio Lower Upper
 101 100
 85 12.3 35.6 53.4#
 151 6.6 55.0 82.4#



#12
 1,1-Dichloroethene
 Concen: 0.890 ug/L
 RT: 2.056 min Scan# 316
 Delta R.T. -0.013 min
 Lab File: VV037022.D
 Acq: 26 Aug 2024 13:18

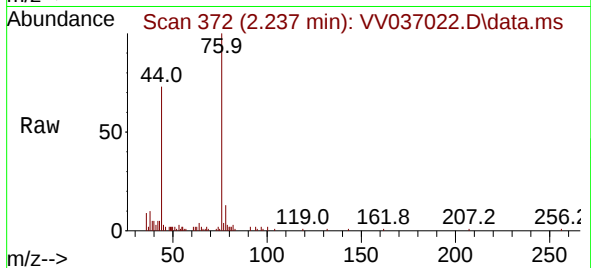
Tgt Ion: 96 Resp: 3837
 Ion Ratio Lower Upper
 96 100
 61 1632.2 123.8 229.8#
 63 13386.3 96.5 179.1#



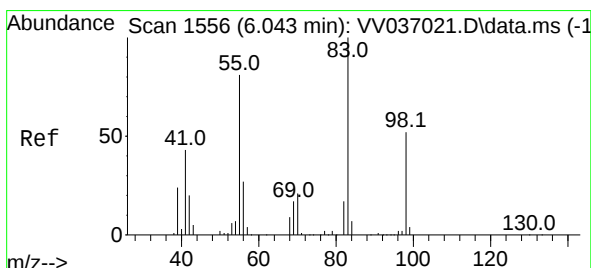
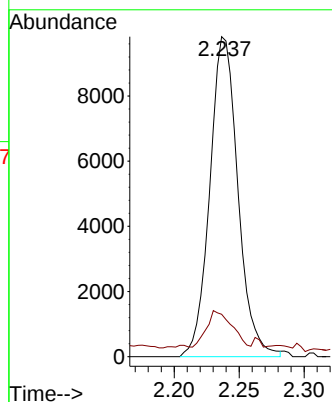
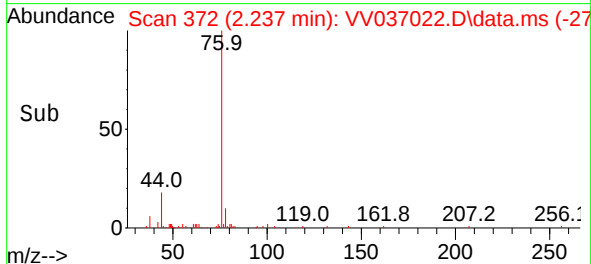


#14
Carbon disulfide
Concen: 1.131 ug/L
RT: 2.237 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV037022.D
Acq: 26 Aug 2024 13:18

Instrument :
MSVOA_V
ClientSampleId :

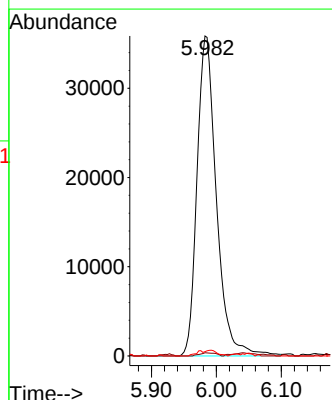
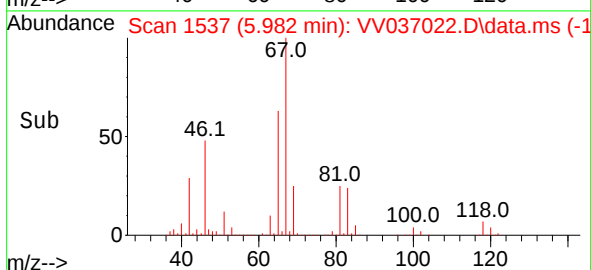
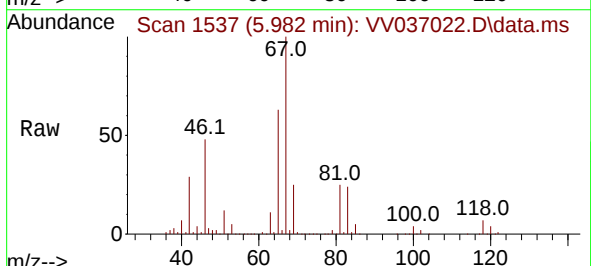


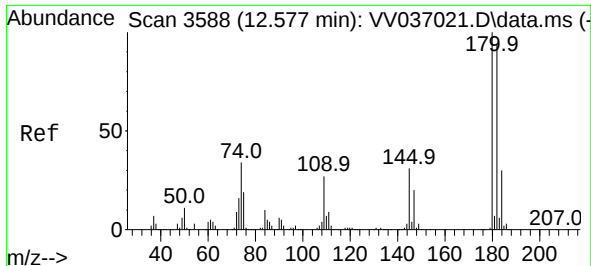
Tgt Ion: 76 Resp: 14802
Ion Ratio Lower Upper
76 100
78 13.2 7.5 11.3#



#35
Methylcyclohexane
Concen: 9.565 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.061 min
Lab File: VV037022.D
Acq: 26 Aug 2024 13:18

Tgt Ion: 83 Resp: 74552
Ion Ratio Lower Upper
83 100
55 0.8 61.2 91.8#
98 0.6 39.3 58.9#





#69

1,3,5-Trichlorobenzene

Concen: 1.269 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.624 min

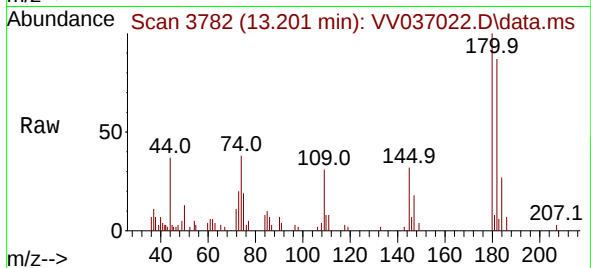
Lab File: VV037022.D

Acq: 26 Aug 2024 13:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 7963

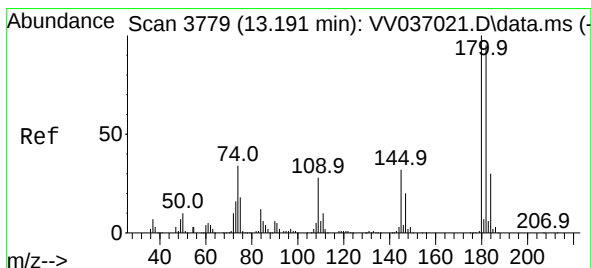
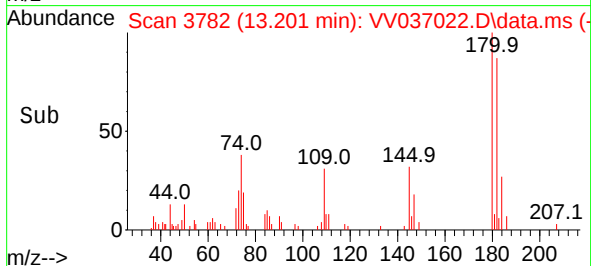
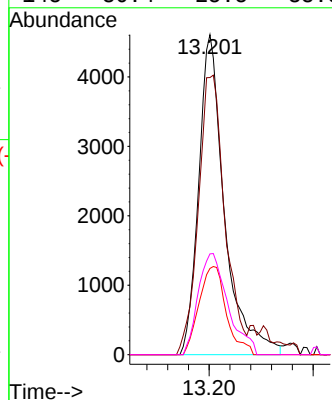
Ion Ratio Lower Upper

180 100

182 89.2 76.7 115.1

184 29.0 24.2 36.2

145 36.4 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 1.348 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV037022.D

Acq: 26 Aug 2024 13:18

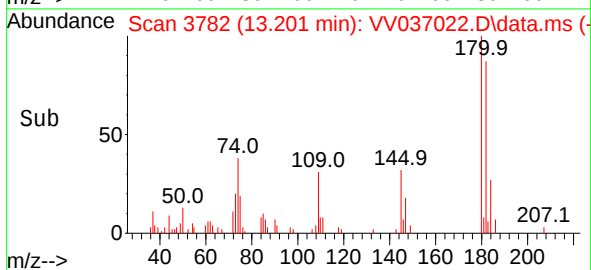
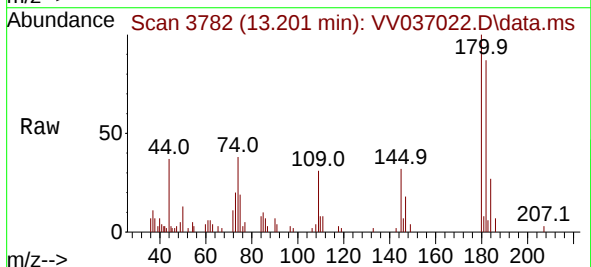
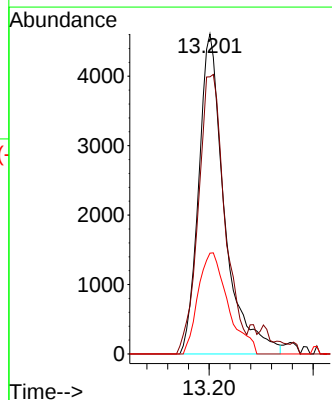
Tgt Ion:180 Resp: 7963

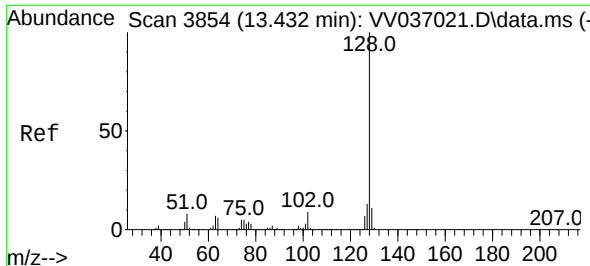
Ion Ratio Lower Upper

180 100

182 89.2 75.7 113.5

145 36.4 26.0 39.0

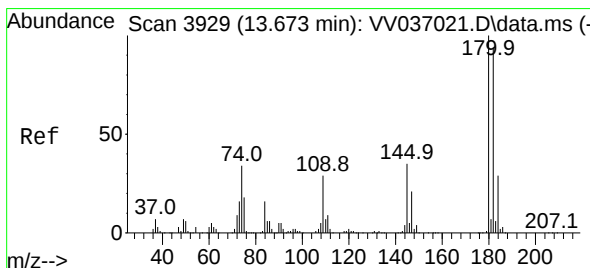
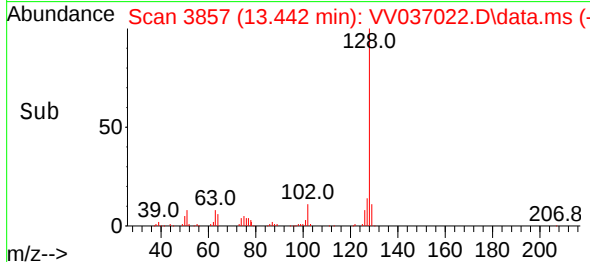
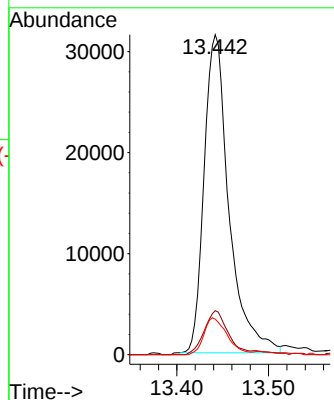
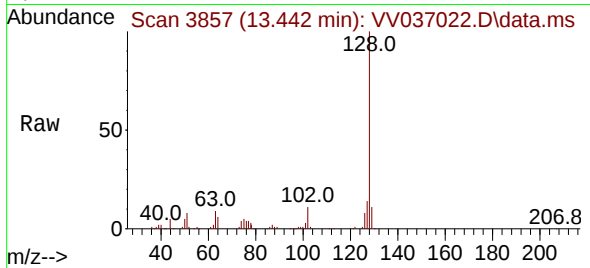




#71
Naphthalene
Concen: 3.485 ug/L
RT: 13.442 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VV037022.D
Acq: 26 Aug 2024 13:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 59444
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.455 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.006 min
Lab File: VV037022.D
Acq: 26 Aug 2024 13:18

Tgt Ion:180 Resp: 8470
Ion Ratio Lower Upper
180 100
182 89.5 75.1 112.7
145 35.6 27.0 40.4

