

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037094.D
 Acq On : 27 Aug 2024 18:34
 Operator : SY/MD
 Sample : VV0827MBL02
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 05:52:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

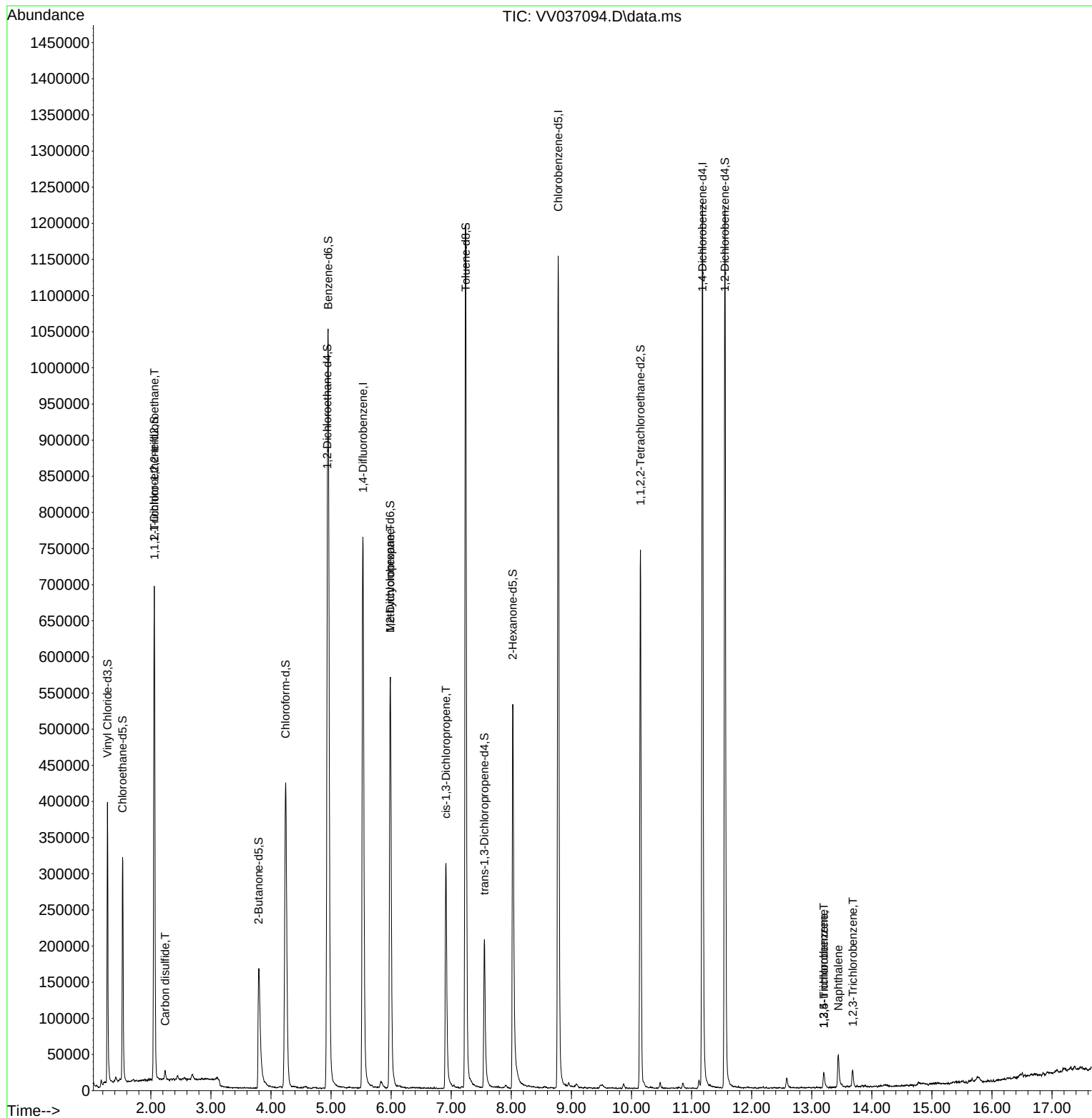
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	661699	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	618533	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	299910	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	254827	42.100	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.200%
7) Chloroethane-d5	1.529	69	207782	44.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.840%
11) 1,1-Dichloroethene-d2	2.056	65	117652	46.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.500%
21) 2-Butanone-d5	3.796	46	258898	110.451	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.450%
24) Chloroform-d	4.243	84	437187	46.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
26) 1,2-Dichloroethane-d4	4.937	65	293105	49.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.260%
32) Benzene-d6	4.953	84	875194	46.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
36) 1,2-Dichloropropane-d6	5.985	67	277831	47.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.960%
41) Toluene-d8	7.239	98	787081	46.681	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.360%
43) trans-1,3-Dichloroprop...	7.551	79	122739	45.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.680%
47) 2-Hexanone-d5	8.024	63	188651	118.130	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.130%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	352826	49.717	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.440%
66) 1,2-Dichlorobenzene-d4	11.554	152	292604	48.714	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.420%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3916	0.855	ug/L #	30
14) Carbon disulfide	2.236	76	13880	1.059	ug/L #	94
35) Methylcyclohexane	5.985	83	66588	8.699	ug/L #	18
39) cis-1,3-Dichloropropene	6.911	75	8123	1.076	ug/L #	64
69) 1,3,5-Trichlorobenzene	13.201	180	6132	0.982	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	6132	1.042	ug/L	98
71) Naphthalene	13.442	128	42401	2.496	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	6245	1.077	ug/L	94

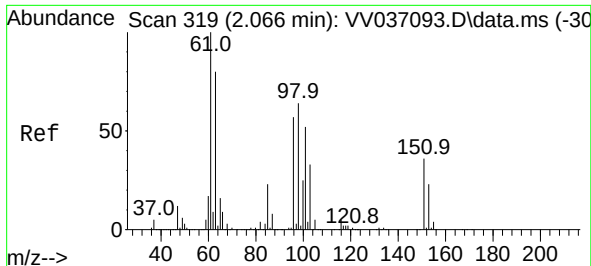
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Aug 28 05:52:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 28 05:52:22 2024
Response via : Initial Calibration

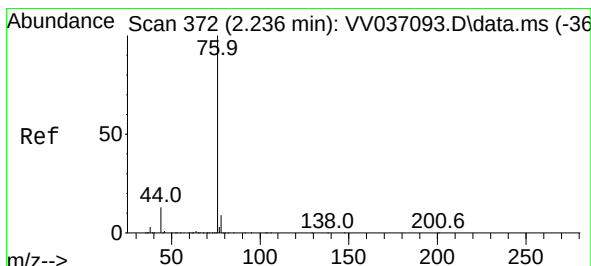
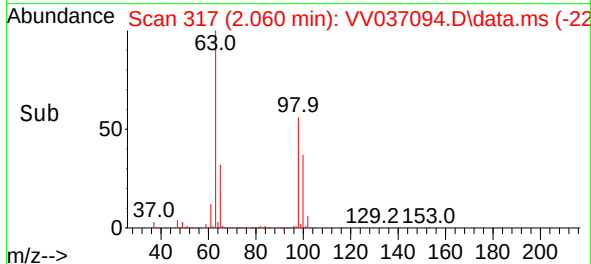
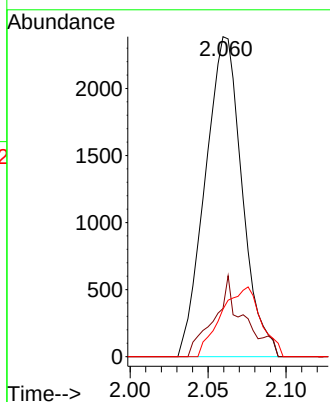
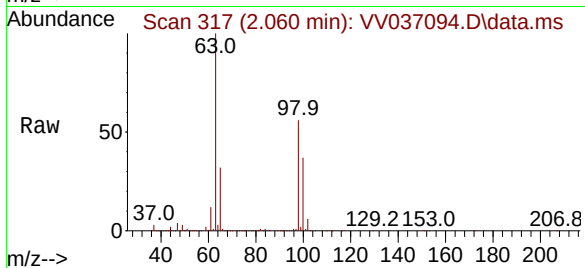




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.855 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.007 min
Lab File: VV037094.D
Acq: 27 Aug 2024 18:34

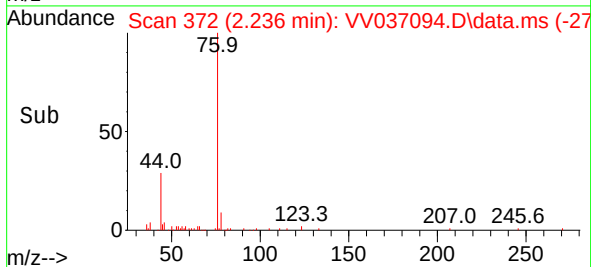
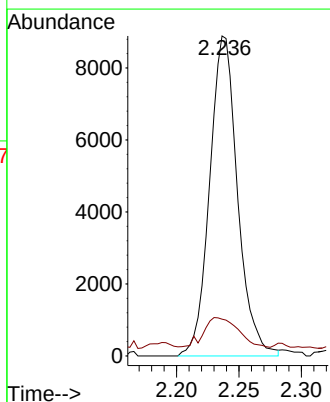
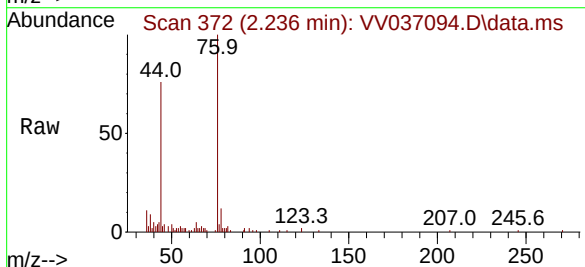
Instrument :
MSVOA_V
ClientSampleId :

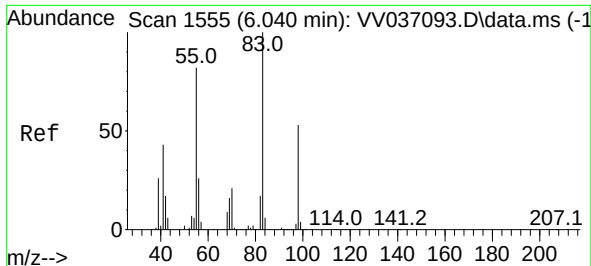
Tgt Ion:101 Resp: 3916
Ion Ratio Lower Upper
101 100
85 13.9 35.6 53.4#
151 0.0 55.0 82.4#



#14
Carbon disulfide
Concen: 1.059 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.000 min
Lab File: VV037094.D
Acq: 27 Aug 2024 18:34

Tgt Ion: 76 Resp: 13880
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#





#35

Methylcyclohexane

Concen: 8.699 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.055 min

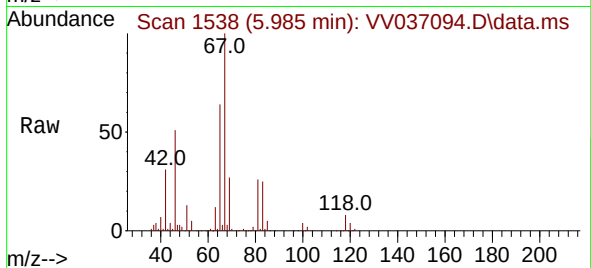
Lab File: VV037094.D

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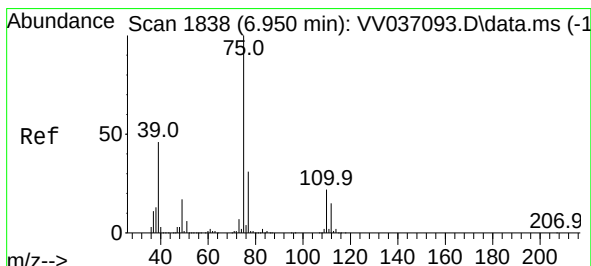
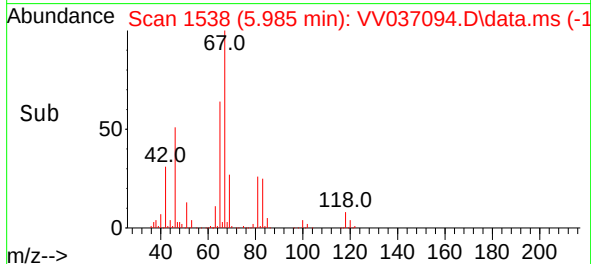
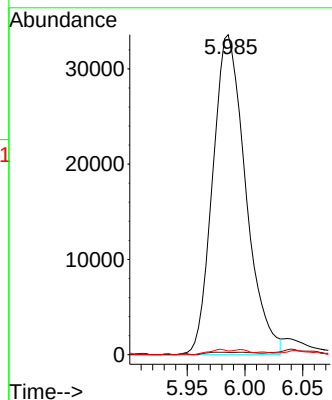
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	83	Resp:	66588
Ion Ratio	Lower	Upper	
83	100		
55	0.2	61.2	91.8#
98	0.7	39.3	58.9#



#39

cis-1,3-Dichloropropene

Concen: 1.076 ug/L

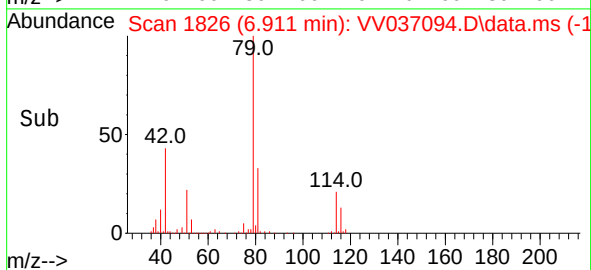
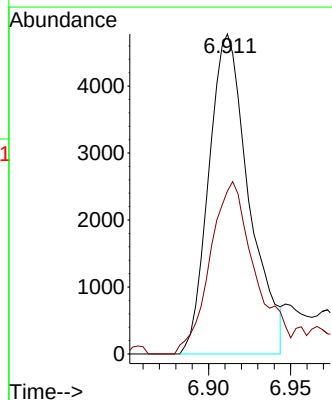
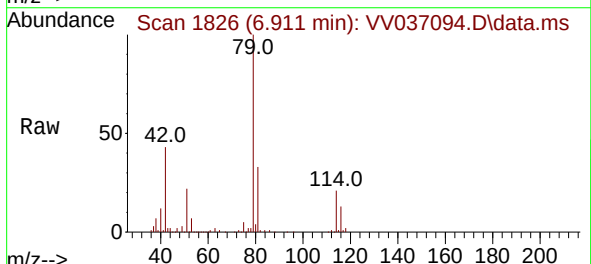
RT: 6.911 min Scan# 1826

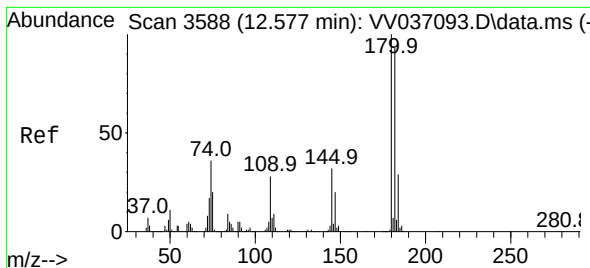
Delta R.T. -0.039 min

Lab File: VV037094.D

Acq: 27 Aug 2024 18:34

Tgt Ion:	75	Resp:	8123
Ion Ratio	Lower	Upper	
75	100		
77	50.9	21.7	40.3#





#69

1,3,5-Trichlorobenzene

Concen: 0.982 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.624 min

Lab File: VV037094.D

Acq: 27 Aug 2024 18:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 6132

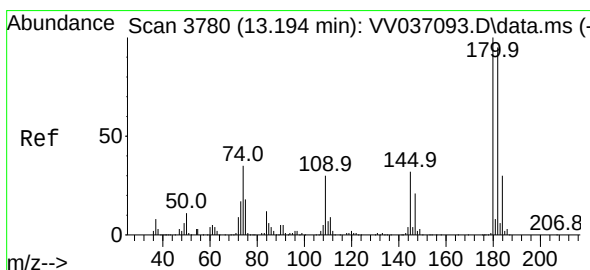
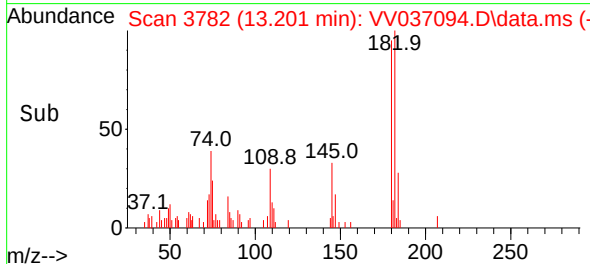
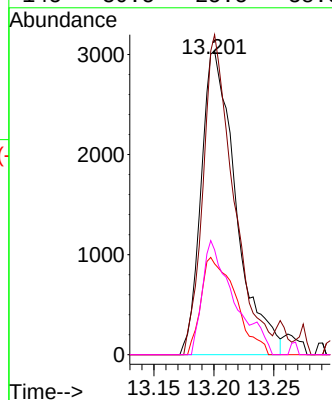
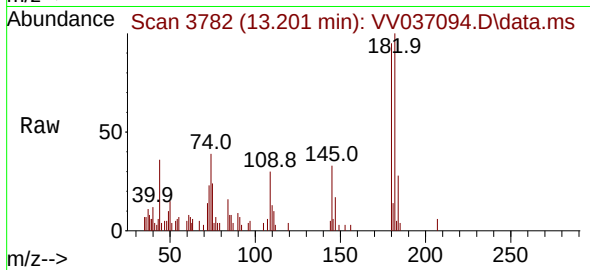
Ion Ratio Lower Upper

180 100

182 92.7 76.7 115.1

184 31.7 24.2 36.2

145 30.5 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 1.042 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV037094.D

Acq: 27 Aug 2024 18:34

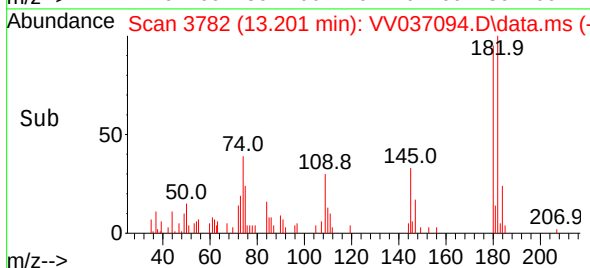
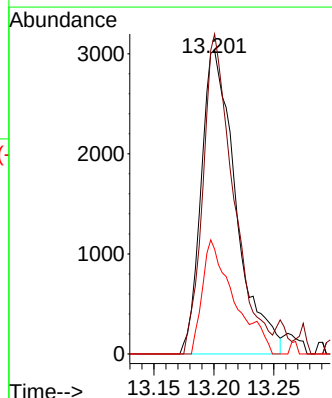
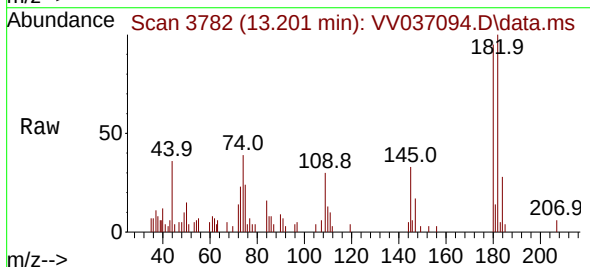
Tgt Ion:180 Resp: 6132

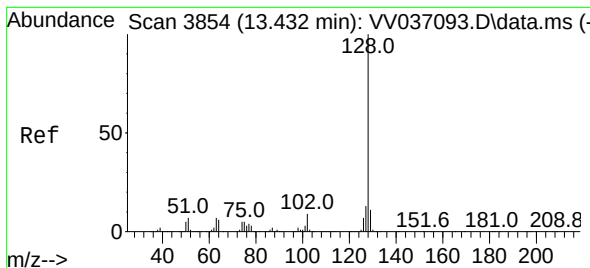
Ion Ratio Lower Upper

180 100

182 92.7 75.7 113.5

145 30.5 26.0 39.0





#71

Naphthalene

Concen: 2.496 ug/L

RT: 13.442 min Scan# 3854

Delta R.T. 0.010 min

Lab File: VV037094.D

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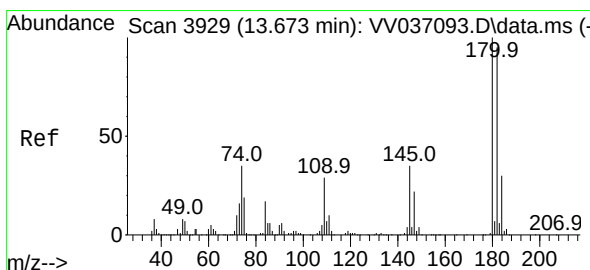
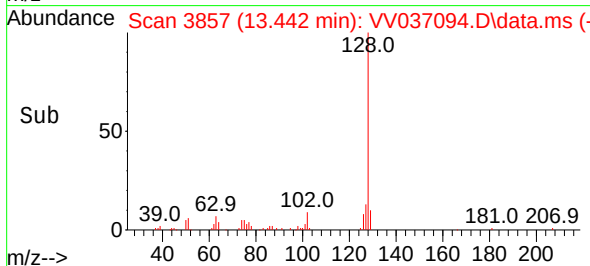
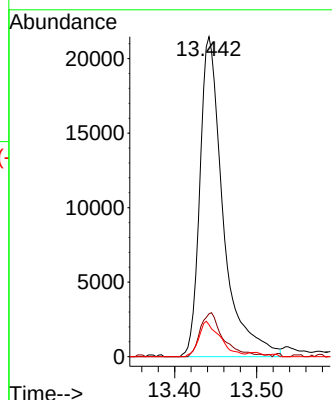
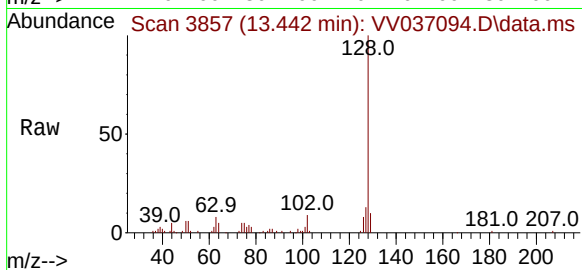
Tgt Ion:128 Resp: 42401

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 1.077 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.010 min

Lab File: VV037094.D

Acq: 27 Aug 2024 18:34

Tgt Ion:180 Resp: 6245

Ion Ratio Lower Upper

180 100

182 97.8 75.1 112.7

145 40.0 27.0 40.4

