

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037439.D
 Acq On : 20 Sep 2024 17:51
 Operator : SY/MD
 Sample : P4081-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 23:38:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

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

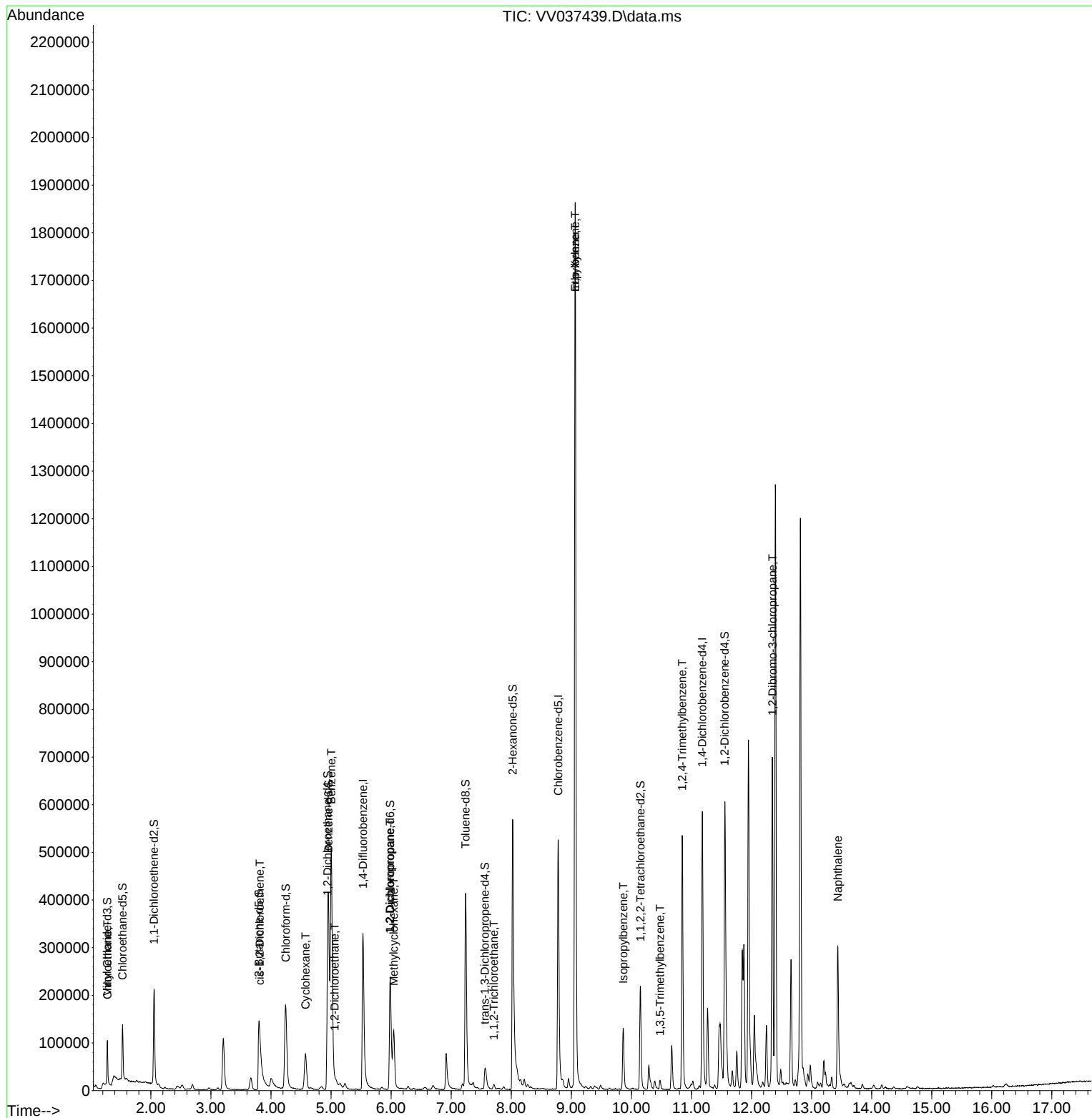
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	313443	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	311788	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	152326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	59067	3.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.529	69	75337	3.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.053	65	33327	3.509	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.799	46	279508	50.860	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.720%
24) Chloroform-d	4.246	84	201584	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.940	65	98347	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.957	84	373198	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.985	67	132850	5.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.239	98	301301	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.561	79	29577	3.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.024	63	221607	53.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.080%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	110670	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	134950	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
8) Chloroethane	1.278	64	3099	0.169	ug/L	84
22) cis-1,2-Dichloroethene	3.812	96	7041	0.282	ug/L	90
27) 1,2-Dichloroethane	5.059	62	3368	0.134	ug/L #	72
30) Cyclohexane	4.574	56	38523	1.074	ug/L	95
33) Benzene	5.005	78	555586	5.914	ug/L	100
35) Methylcyclohexane	6.043	83	49723	1.292	ug/L	99
37) 1,2-Dichloropropane	5.982	63	12208	0.511	ug/L #	87
45) 1,1,2-Trichloroethane	7.712	97	3666	0.214	ug/L #	20
52) Ethylbenzene	9.066	91	1063867	9.755	ug/L #	69
53) m,p-Xylene	9.066	106	519080	12.936	ug/L	98
60) Isopropylbenzene	9.866	105	87435	0.858	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	9568	0.118	ug/L	96
63) 1,2,4-Trimethylbenzene	10.847	105	295817	3.642	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.349	75	2819	0.981	ug/L #	5
71) Naphthalene	13.435	128	266610	6.166	ug/L	99

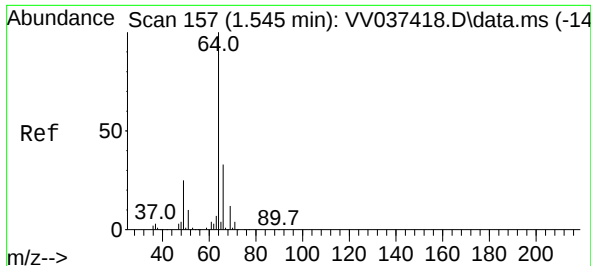
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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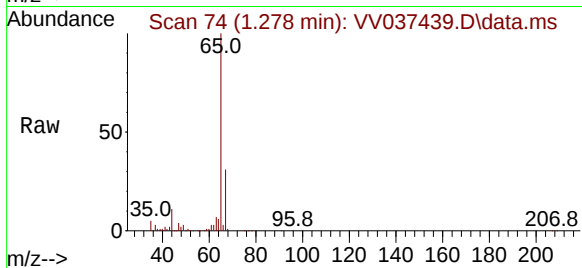
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 23:32:27 2024
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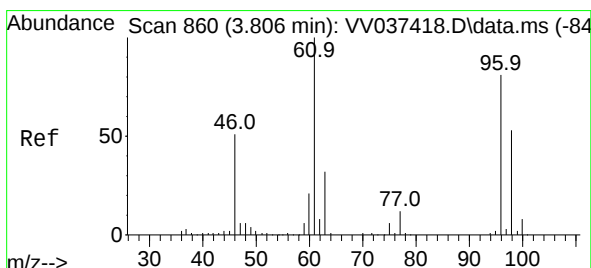
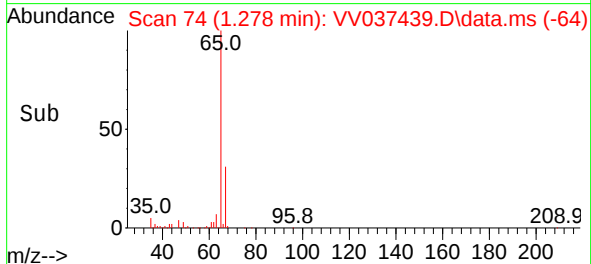
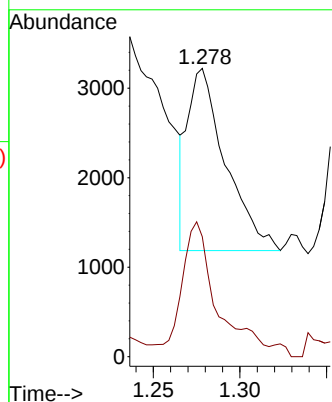


#8
Chloroethane
Concen: 0.169 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.267 min
Lab File: VV037439.D
Acq: 20 Sep 2024 17:51

Instrument :
MSVOA_V
ClientSampleId :

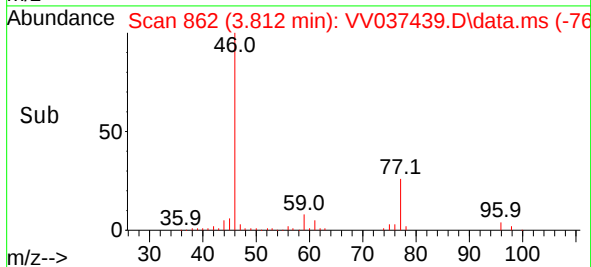
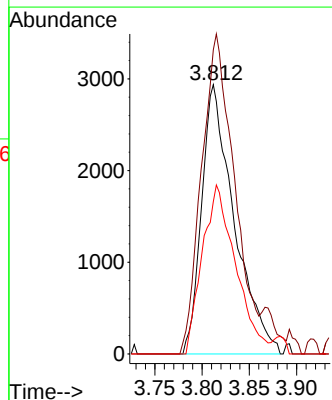
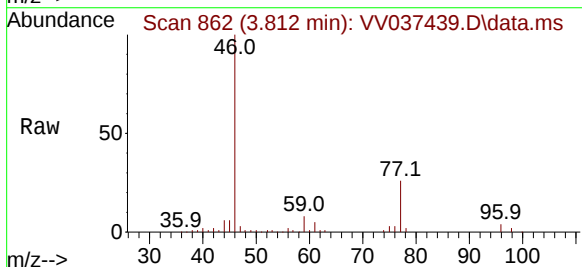


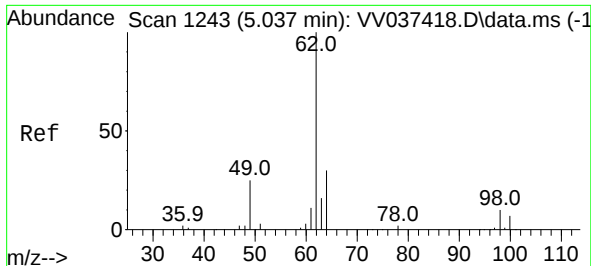
Tgt Ion: 64 Resp: 3099
Ion Ratio Lower Upper
64 100
66 41.6 22.7 42.1



#22
cis-1,2-Dichloroethene
Concen: 0.282 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037439.D
Acq: 20 Sep 2024 17:51

Tgt Ion: 96 Resp: 7041
Ion Ratio Lower Upper
96 100
61 113.0 87.6 162.6
98 56.6 44.9 83.5

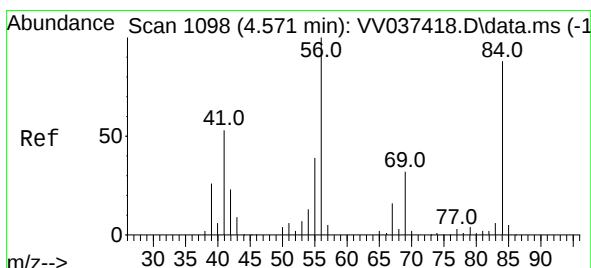
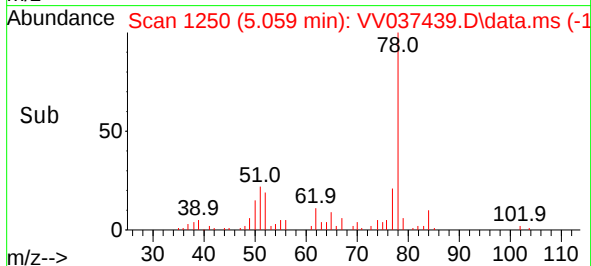
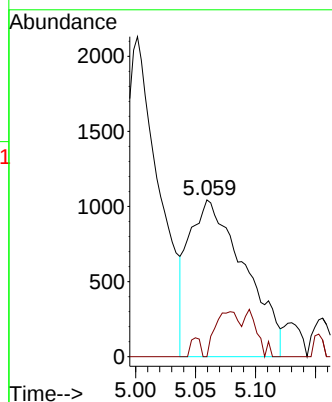
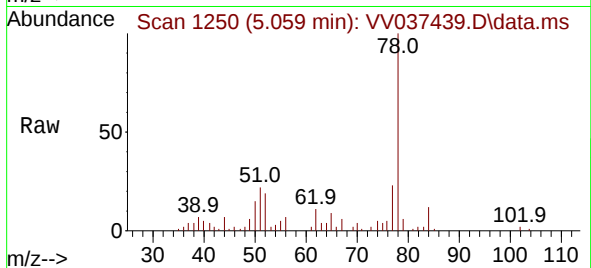




#27
1,2-Dichloroethane
Concen: 0.134 ug/L
RT: 5.059 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV037439.D
Acq: 20 Sep 2024 17:51

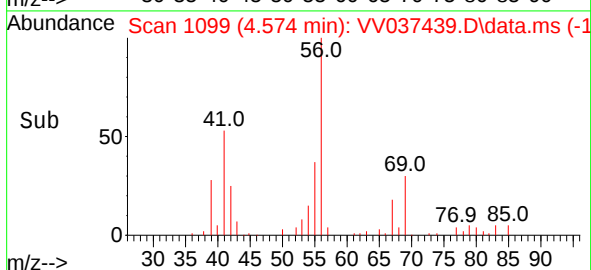
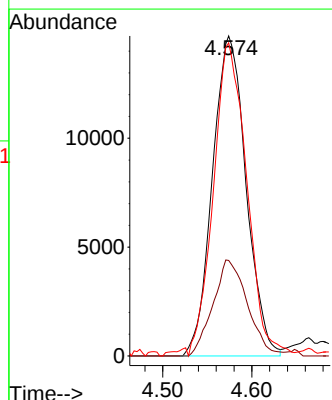
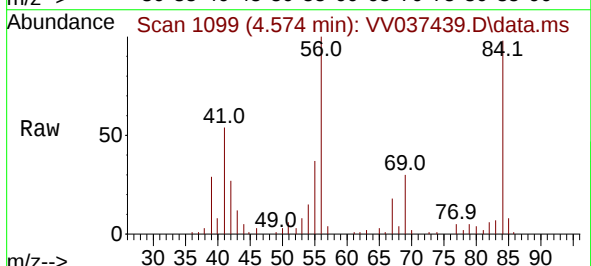
Instrument :
MSVOA_V
ClientSampleId :

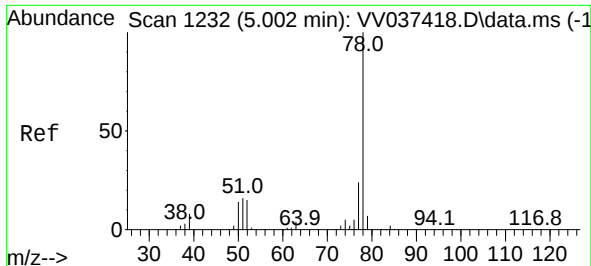
Tgt Ion: 62 Resp: 3368
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#30
Cyclohexane
Concen: 1.074 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV037439.D
Acq: 20 Sep 2024 17:51

Tgt Ion: 56 Resp: 38523
Ion Ratio Lower Upper
56 100
69 30.8 24.1 36.1
84 97.9 73.1 109.7

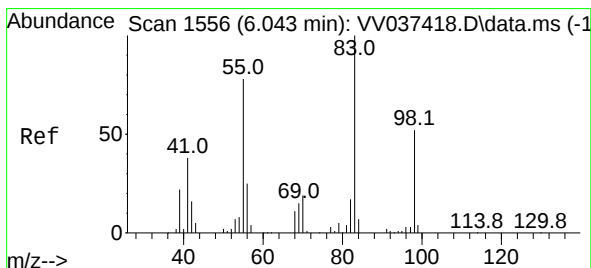
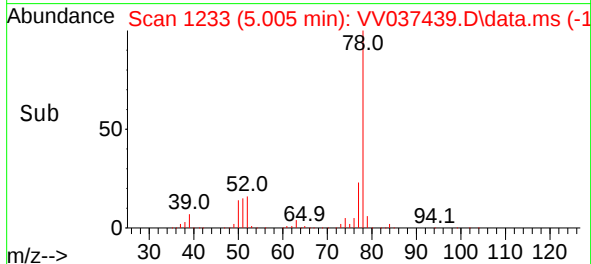
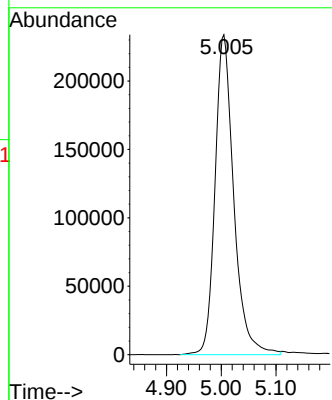
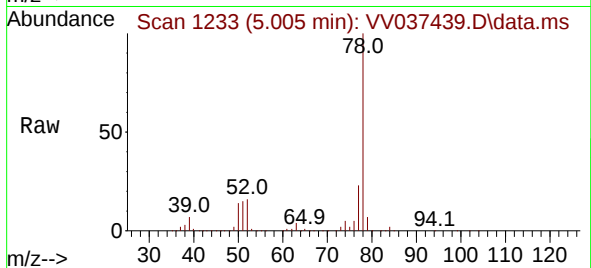




#33
Benzene
Concen: 5.914 ug/L
RT: 5.005 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV037439.D
Acq: 20 Sep 2024 17:51

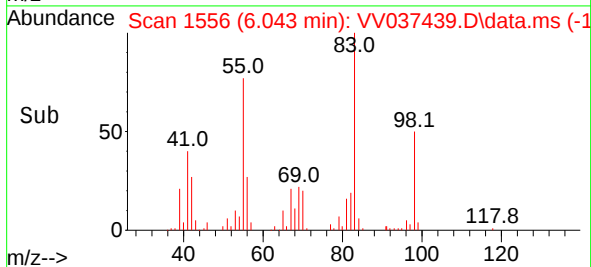
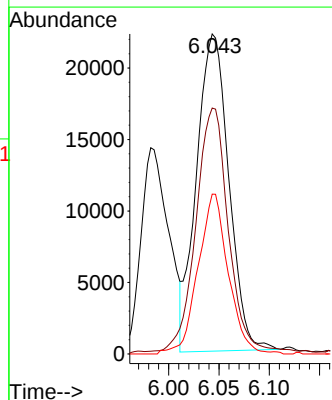
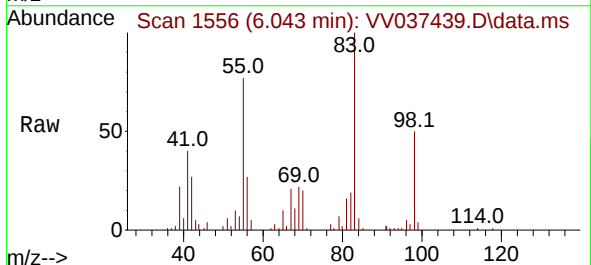
Instrument :
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ClientSampleId :

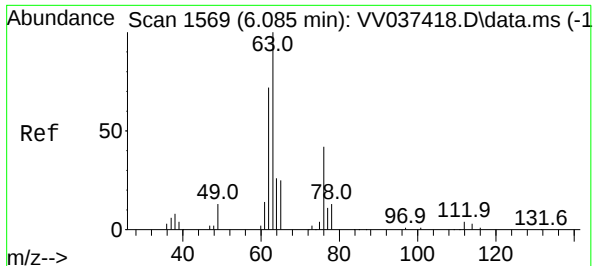
Tgt Ion: 78 Resp: 555586



#35
Methylcyclohexane
Concen: 1.292 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV037439.D
Acq: 20 Sep 2024 17:51

Tgt Ion: 83 Resp: 49723
Ion Ratio Lower Upper
83 100
55 76.2 60.3 90.5
98 47.0 38.2 57.4

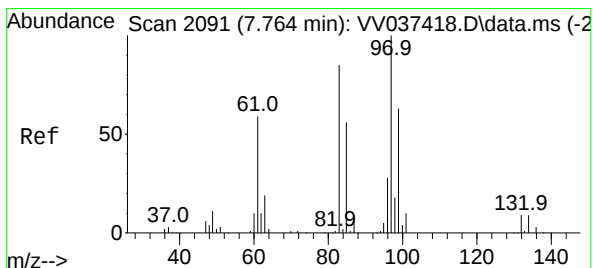
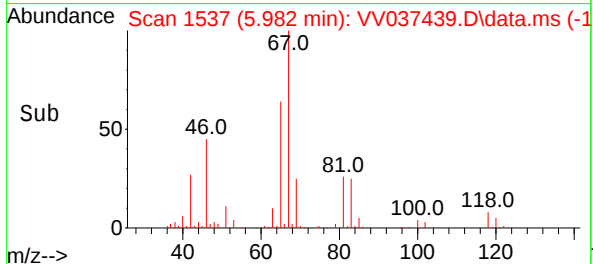
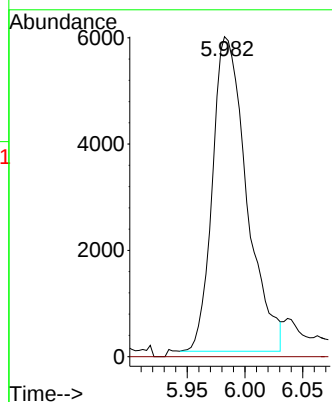
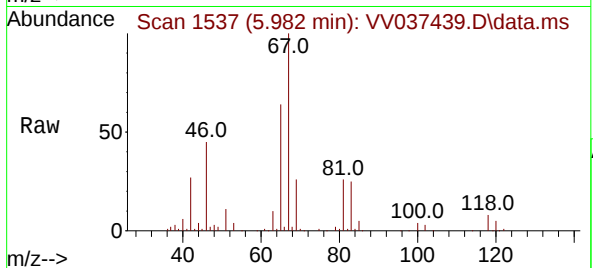




#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV037439.D
Acq: 20 Sep 2024 17:51

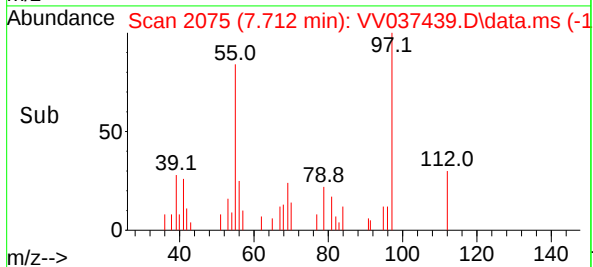
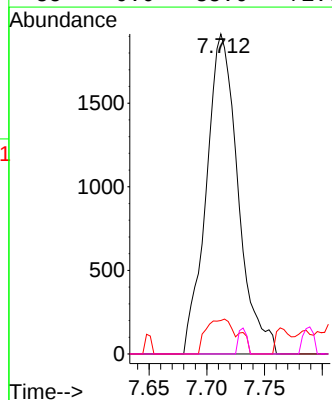
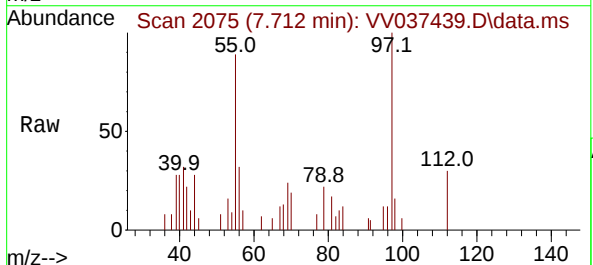
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MSVOA_V
ClientSampleId :

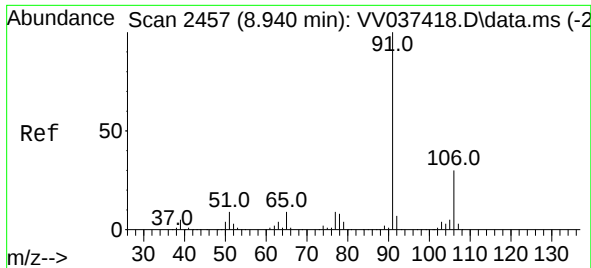
Tgt Ion: 63 Resp: 12208
Ion Ratio Lower Upper
63 100
112 0.4 3.7 5.5#



#45
1,1,2-Trichloroethane
Concen: 0.214 ug/L
RT: 7.712 min Scan# 2075
Delta R.T. -0.052 min
Lab File: VV037439.D
Acq: 20 Sep 2024 17:51

Tgt Ion: 97 Resp: 3666
Ion Ratio Lower Upper
97 100
99 0.0 43.1 80.1#
83 10.4 61.0 113.4#
85 0.0 38.6 71.6#





#52

Ethylbenzene

Concen: 9.755 ug/L

RT: 9.066 min Scan# 24

Delta R.T. 0.125 min

Lab File: VV037439.D

Acq: 20 Sep 2024 17:51

Instrument :

MSVOA_V

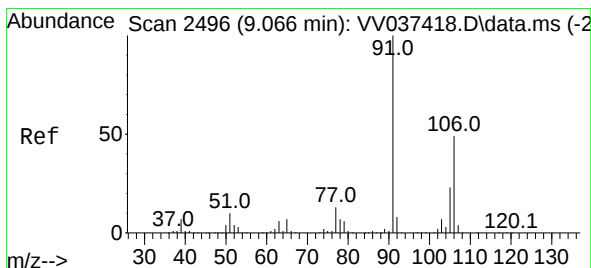
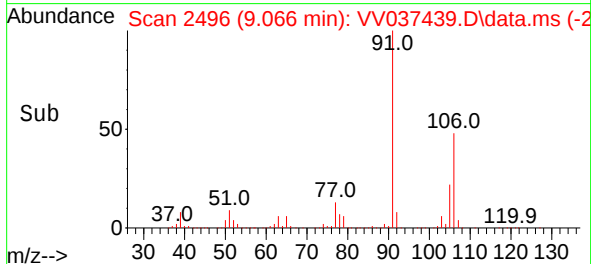
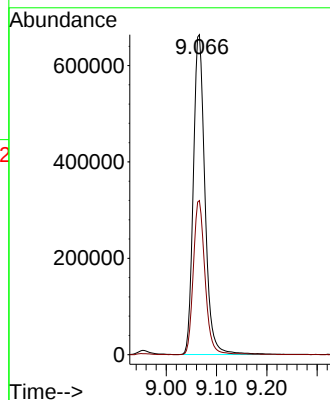
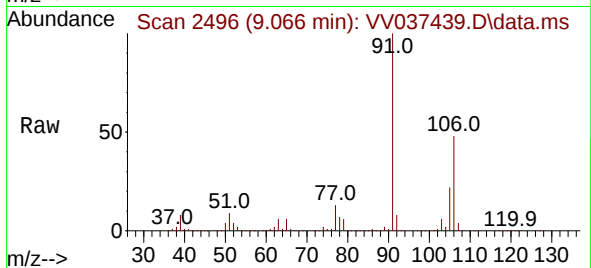
ClientSampleId :

Tgt Ion: 91 Resp: 1063867

Ion Ratio Lower Upper

91 100

106 48.1 21.7 40.3#



#53

m,p-Xylene

Concen: 12.936 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037439.D

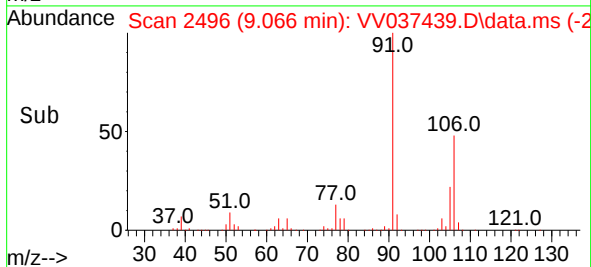
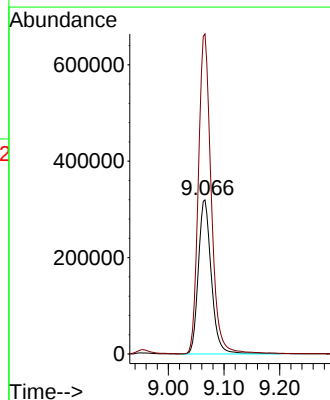
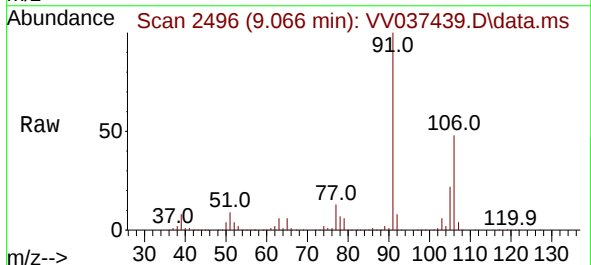
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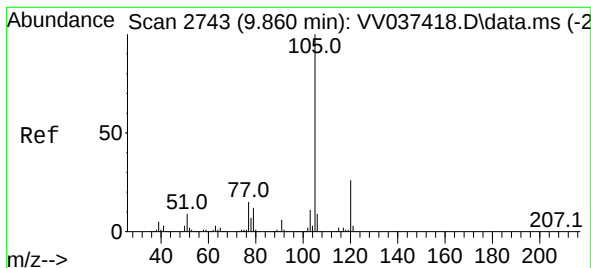
Tgt Ion:106 Resp: 519080

Ion Ratio Lower Upper

106 100

91 207.7 143.3 266.1





#60

Isopropylbenzene

Concen: 0.858 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV037439.D

Acq: 20 Sep 2024 17:51

Instrument :

MSVOA_V

ClientSampleId :

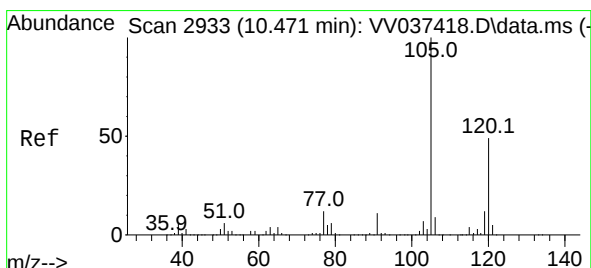
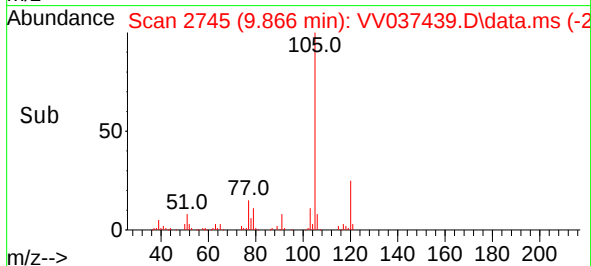
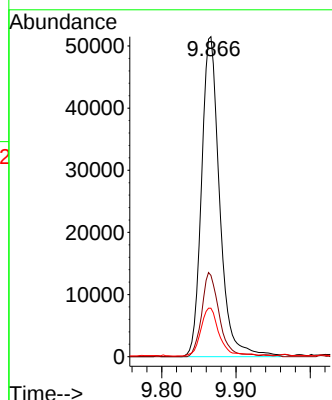
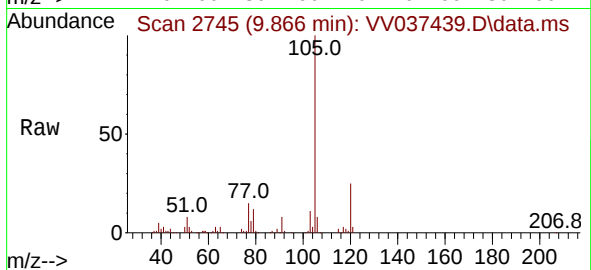
Tgt Ion:105 Resp: 87435

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.4

77 15.0 12.7 19.1



#62

1,3,5-Trimethylbenzene

Concen: 0.118 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.006 min

Lab File: VV037439.D

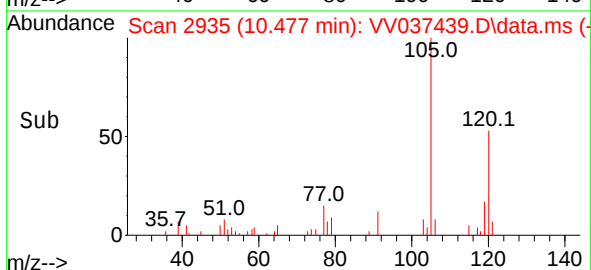
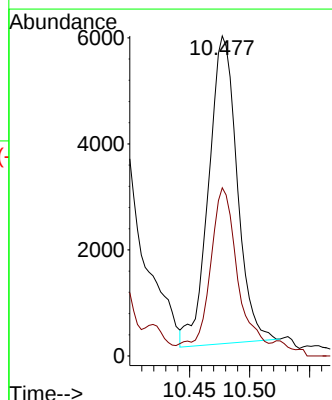
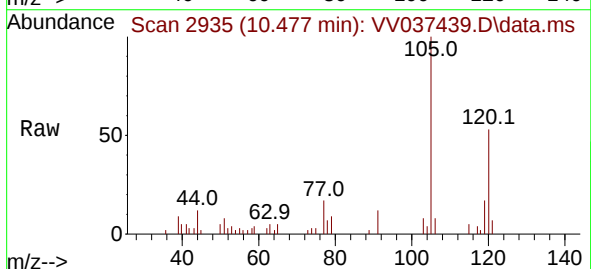
Acq: 20 Sep 2024 17:51

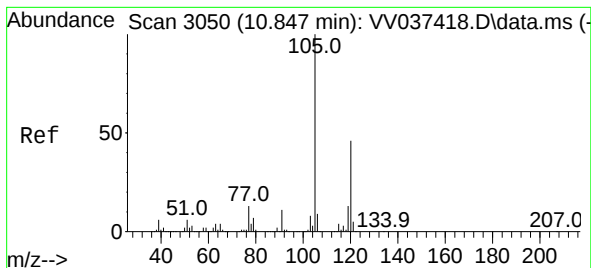
Tgt Ion:105 Resp: 9568

Ion Ratio Lower Upper

105 100

120 45.7 38.6 57.8





#63

1,2,4-Trimethylbenzene

Concen: 3.642 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037439.D

Acq: 20 Sep 2024 17:51

Instrument :

MSVOA_V

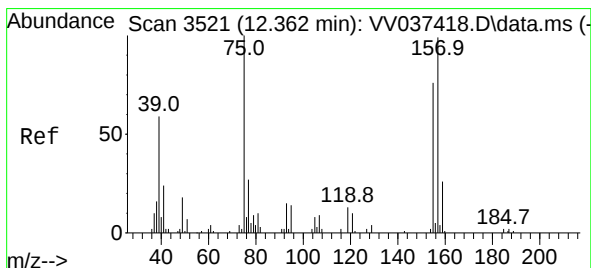
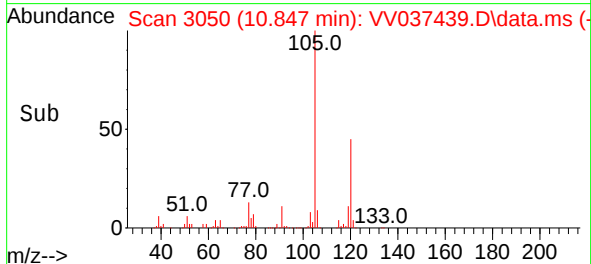
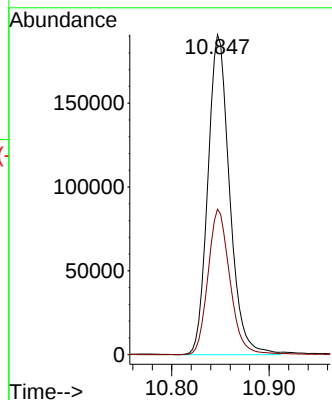
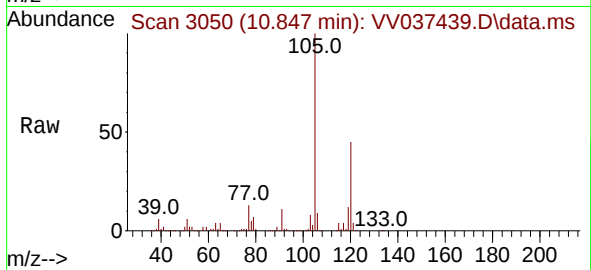
ClientSampleId :

Tgt Ion:105 Resp: 295817

Ion Ratio Lower Upper

105 100

120 46.1 36.2 54.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.981 ug/L

RT: 12.349 min Scan# 3517

Delta R.T. -0.013 min

Lab File: VV037439.D

Acq: 20 Sep 2024 17:51

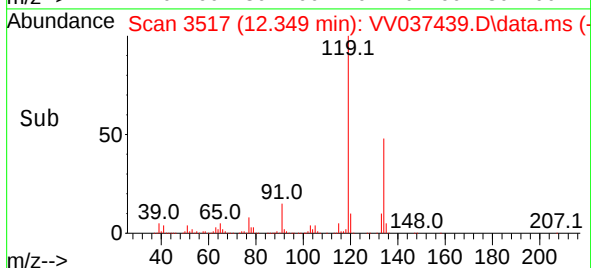
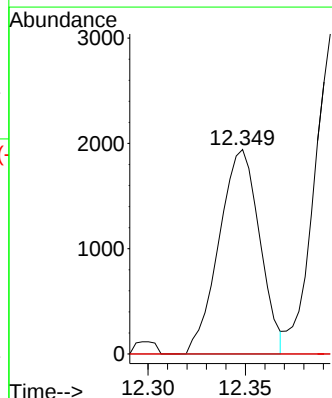
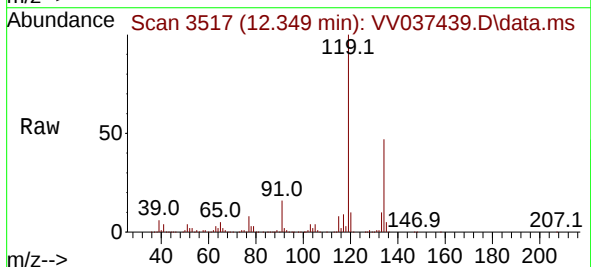
Tgt Ion: 75 Resp: 2819

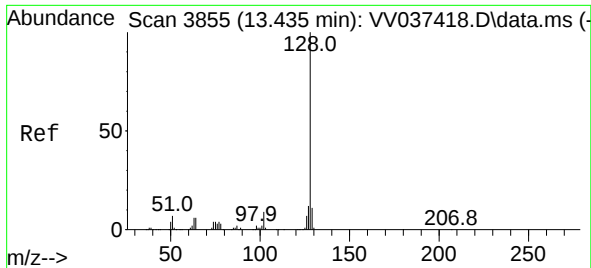
Ion Ratio Lower Upper

75 100

155 0.0 60.6 90.8#

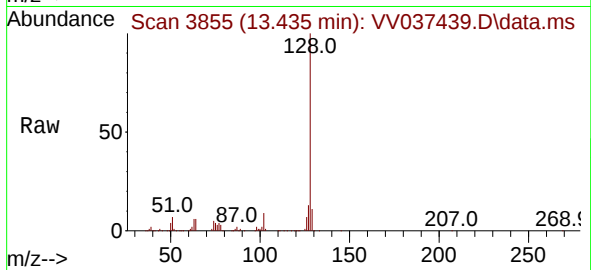
157 0.0 81.1 121.7#





#71
Naphthalene
Concen: 6.166 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV037439.D
Acq: 20 Sep 2024 17:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 266610
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.9 10.2 15.2

