

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037649.D
 Acq On : 30 Sep 2024 13:06
 Operator : SY/MD
 Sample : P4218-01 10X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 01 02:06:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:04:27 2024
 Response via : Initial Calibration

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

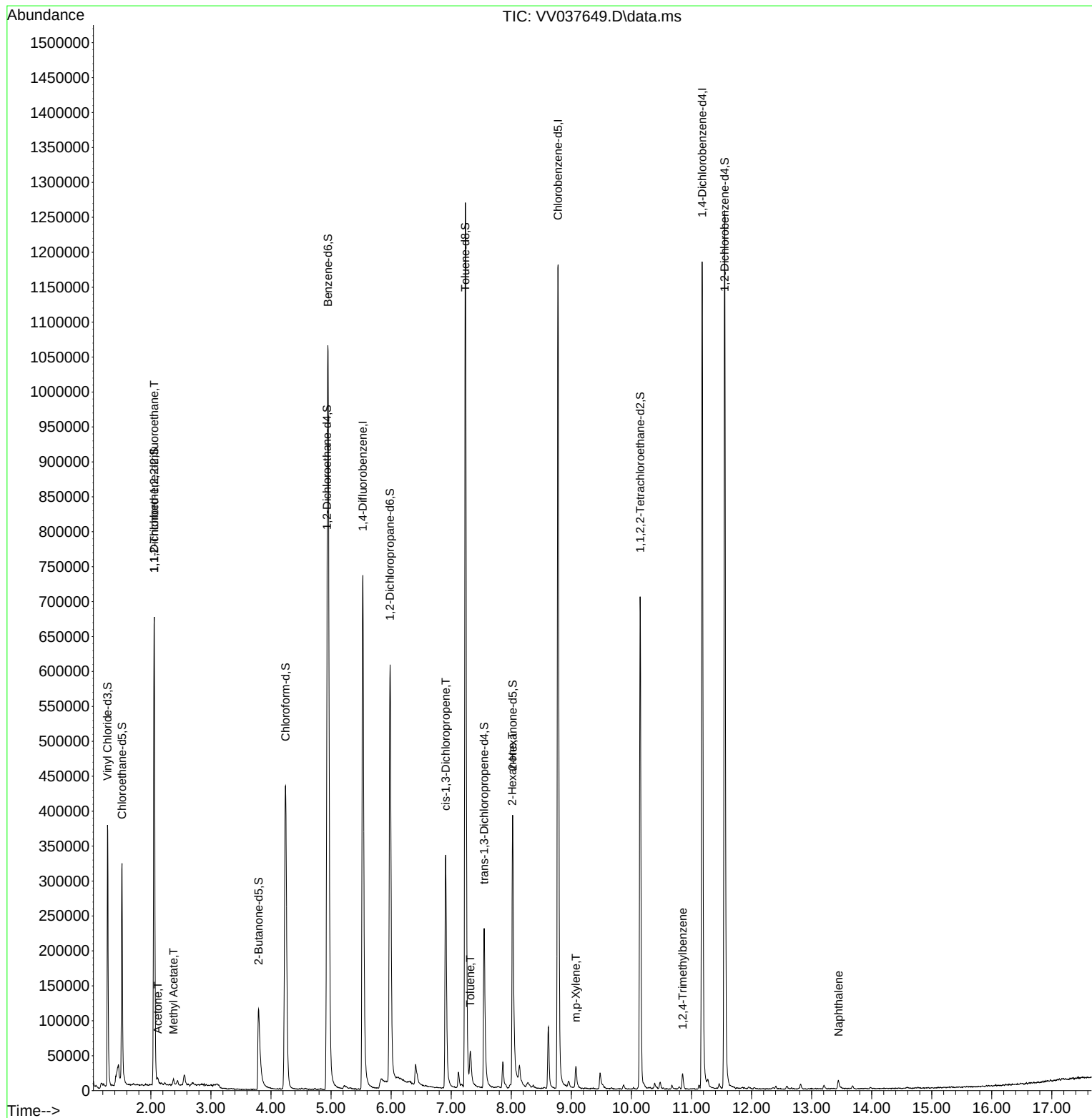
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	660296	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	658861	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	317858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	265653	45.831	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.660%		
7) Chloroethane-d5	1.519	69	213758	47.510	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.020%		
11) 1,1-Dichloroethene-d2	2.056	65	113592	46.907	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.820%		
21) 2-Butanone-d5	3.793	46	178565	86.491	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.490%		
24) Chloroform-d	4.243	84	474955	46.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.120%		
26) 1,2-Dichloroethane-d4	4.934	65	289504	47.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.920%		
32) Benzene-d6	4.950	84	940967	45.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.280%		
36) 1,2-Dichloropropane-d6	5.982	67	301116	45.866	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.740%		
41) Toluene-d8	7.236	98	853382	45.648	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.300%		
43) trans-1,3-Dichloroprop...	7.548	79	137916	45.222	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.440%		
47) 2-Hexanone-d5	8.024	63	134512	97.031	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.030%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	337955	44.304	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.600%		
66) 1,2-Dichlorobenzene-d4	11.554	152	331344	49.470	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.940%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3833	0.814	ug/L #	31
13) Acetone	2.117	43	9143	4.518	ug/L	75
15) Methyl Acetate	2.378	43	9822	2.781	ug/L	91
39) cis-1,3-Dichloropropene	6.908	75	8722	1.065	ug/L #	59
42) Toluene	7.320	91	40691	1.975	ug/L	99
48) 2-Hexanone	8.017	43	22640	6.969	ug/L #	64
53) m,p-Xylene	9.075	106	10324	1.196	ug/L	84
63) 1,2,4-Trimethylbenzene	10.853	105	13758	0.846	ug/L	96
71) Naphthalene	13.448	128	12482	0.753	ug/L #	94

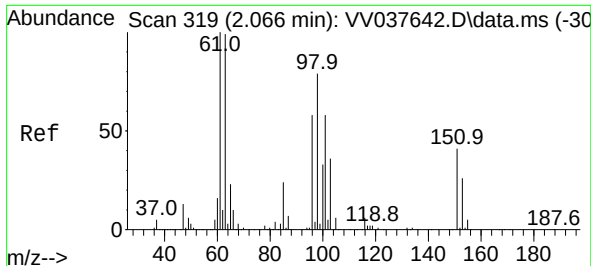
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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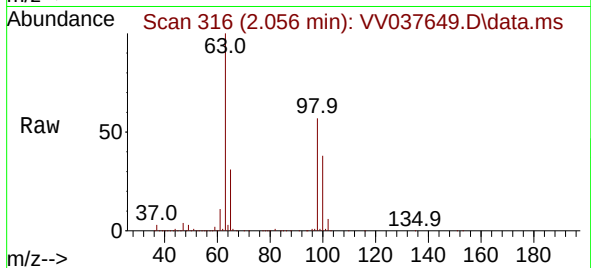
Quant Time: Oct 01 02:06:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 02:04:27 2024
Response via : Initial Calibration



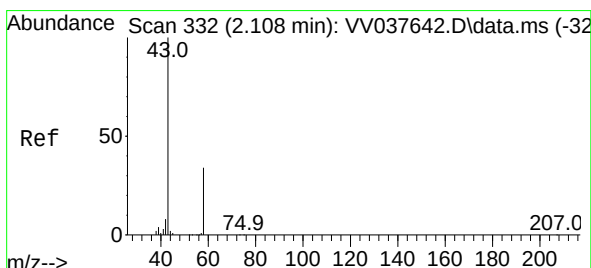
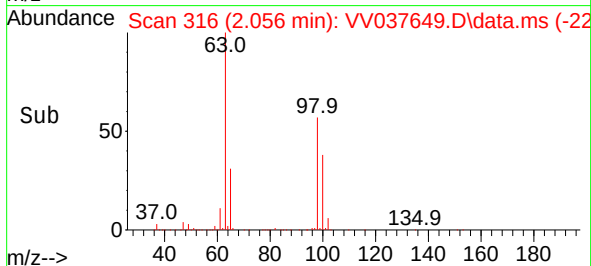
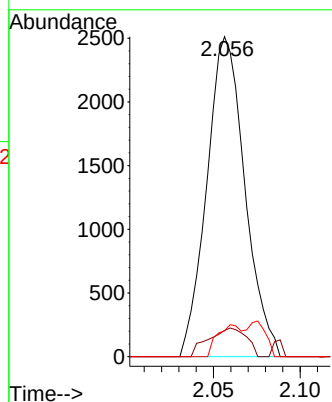


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.814 ug/L
RT: 2.056 min Scan# 319
Delta R.T. -0.010 min
Lab File: VV037649.D
Acq: 30 Sep 2024 13:06

Instrument :
MSVOA_V
ClientSampleId :

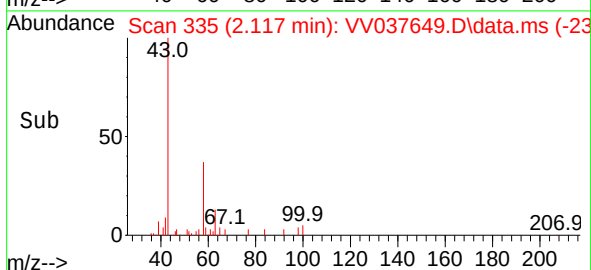
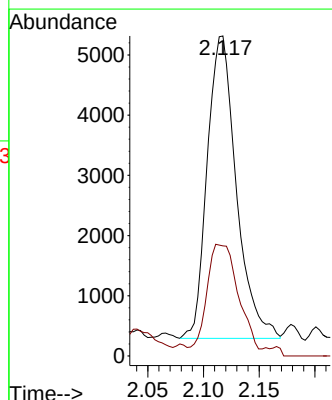
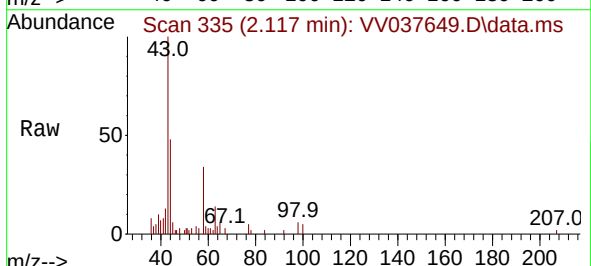


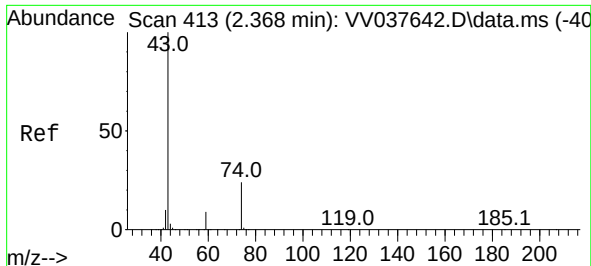
Tgt Ion: 101 Resp: 3833
Ion Ratio Lower Upper
101 100
85 8.9 34.6 52.0#
151 6.2 57.5 86.3#



#13
Acetone
Concen: 4.518 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.010 min
Lab File: VV037649.D
Acq: 30 Sep 2024 13:06

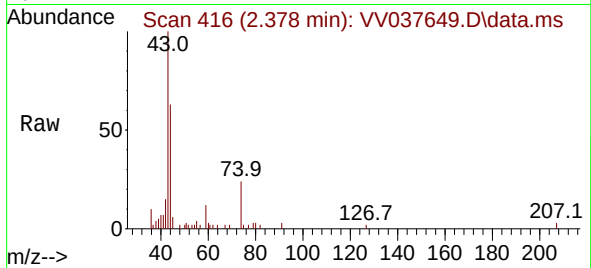
Tgt Ion: 43 Resp: 9143
Ion Ratio Lower Upper
43 100
58 19.1 0.0 66.6



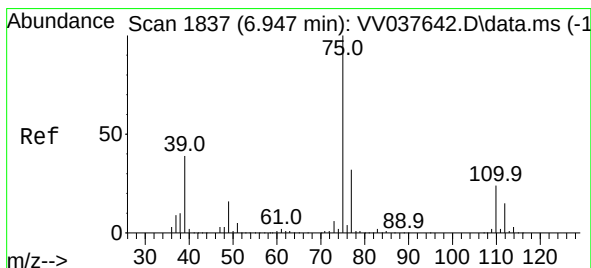
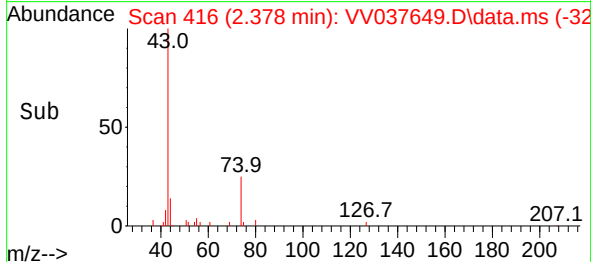
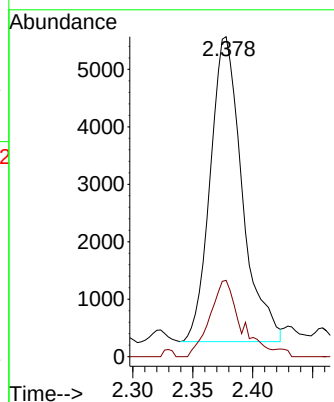


#15
Methyl Acetate
Concen: 2.781 ug/L
RT: 2.378 min Scan# 413
Delta R.T. 0.010 min
Lab File: VV037649.D
Acq: 30 Sep 2024 13:06

Instrument :
MSVOA_V
ClientSampleId :

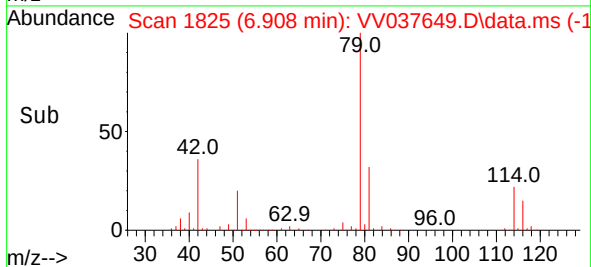
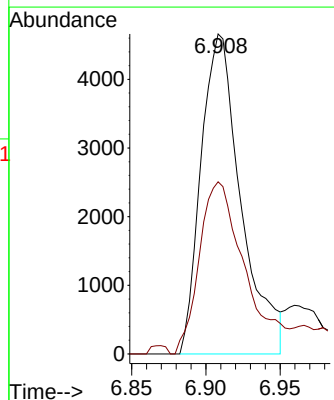
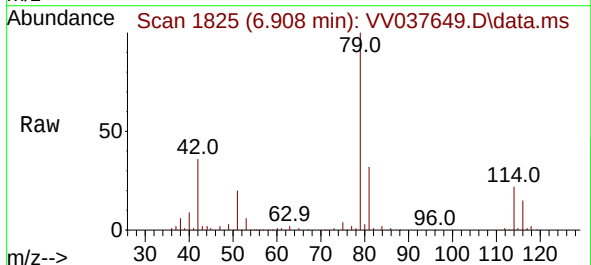


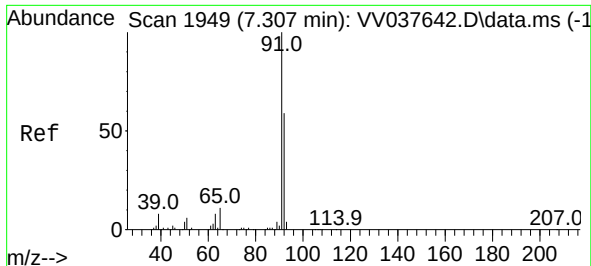
Tgt Ion: 43 Resp: 9822
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.0



#39
cis-1,3-Dichloropropene
Concen: 1.065 ug/L
RT: 6.908 min Scan# 1825
Delta R.T. -0.039 min
Lab File: VV037649.D
Acq: 30 Sep 2024 13:06

Tgt Ion: 75 Resp: 8722
Ion Ratio Lower Upper
75 100
77 53.8 21.8 40.4#

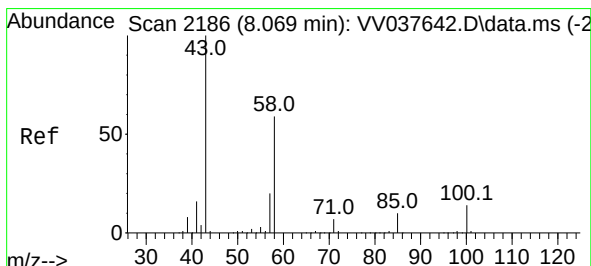
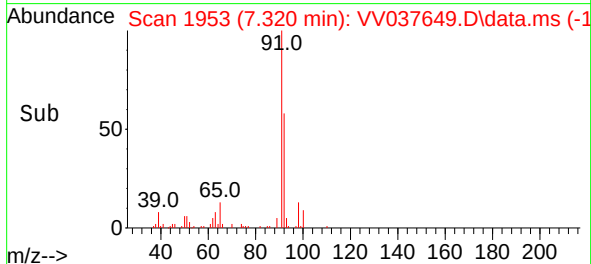
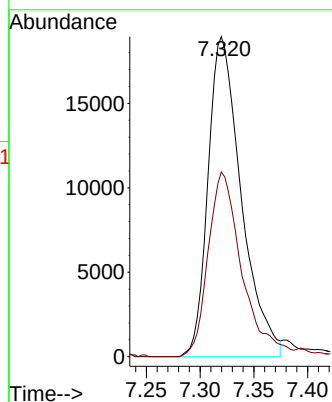
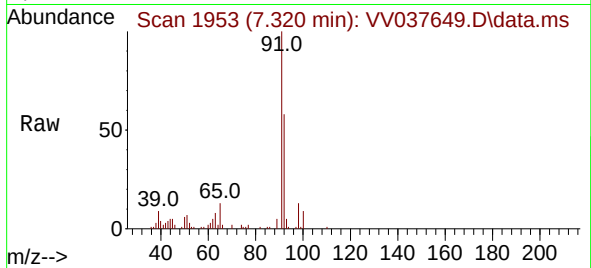




#42
Toluene
Concen: 1.975 ug/L
RT: 7.320 min Scan# 1949
Delta R.T. 0.013 min
Lab File: VV037649.D
Acq: 30 Sep 2024 13:06

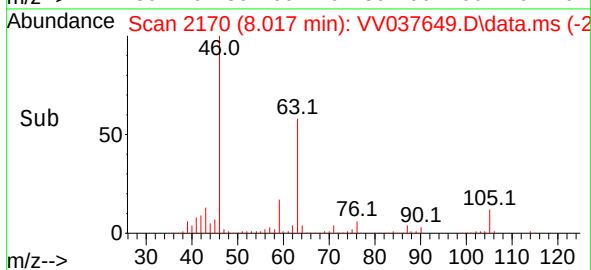
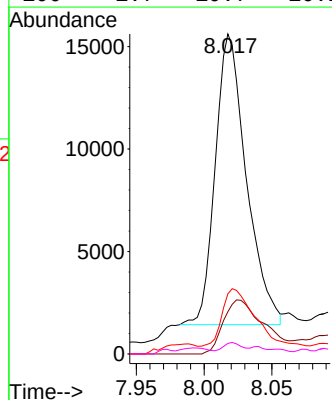
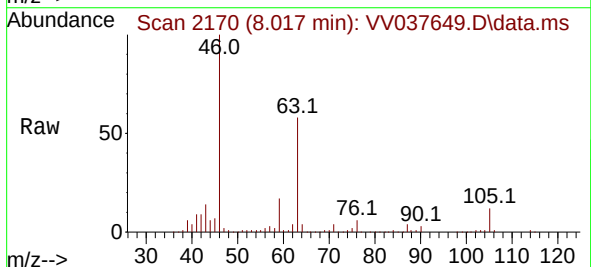
Instrument :
MSVOA_V
ClientSampleId :

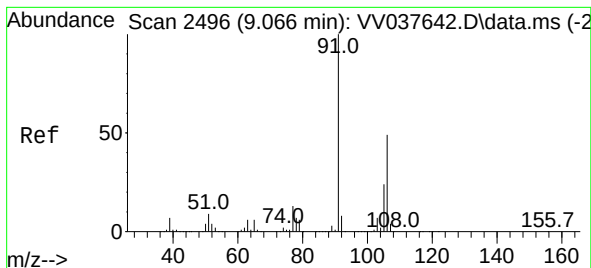
Tgt Ion: 91 Resp: 40691
Ion Ratio Lower Upper
91 100
92 57.7 41.1 76.3



#48
2-Hexanone
Concen: 6.969 ug/L
RT: 8.017 min Scan# 2170
Delta R.T. -0.051 min
Lab File: VV037649.D
Acq: 30 Sep 2024 13:06

Tgt Ion: 43 Resp: 22640
Ion Ratio Lower Upper
43 100
58 24.4 46.5 69.7#
57 24.6 15.1 22.7#
100 1.7 10.7 16.1#





#53

m,p-Xylene

Concen: 1.196 ug/L

RT: 9.075 min Scan# 2496

Delta R.T. 0.010 min

Lab File: VV037649.D

Acq: 30 Sep 2024 13:06

Instrument :

MSVOA_V

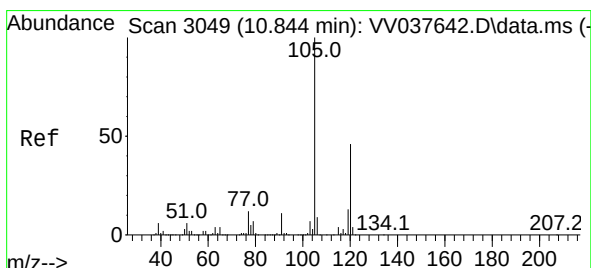
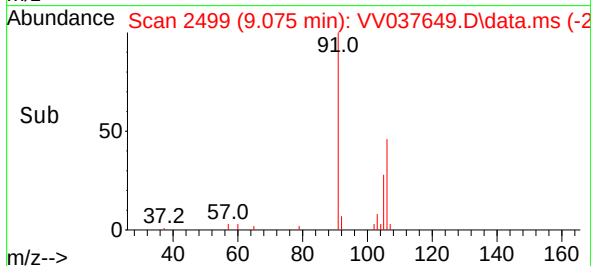
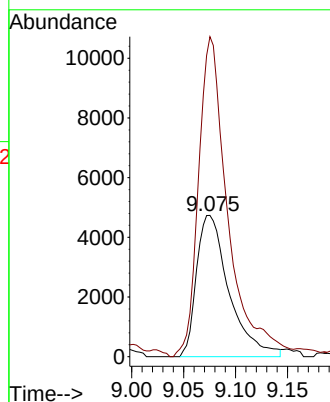
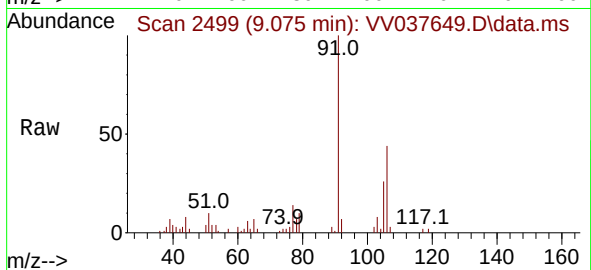
ClientSampleId :

Tgt Ion:106 Resp: 10324

Ion Ratio Lower Upper

106 100

91 226.6 142.0 263.6



#63

1,2,4-Trimethylbenzene

Concen: 0.846 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.010 min

Lab File: VV037649.D

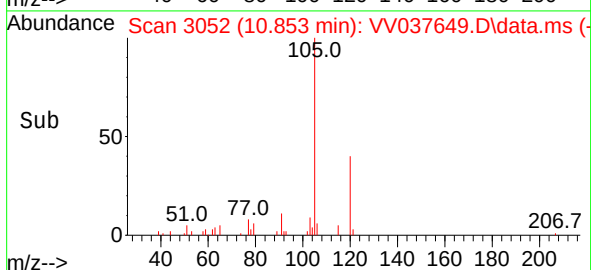
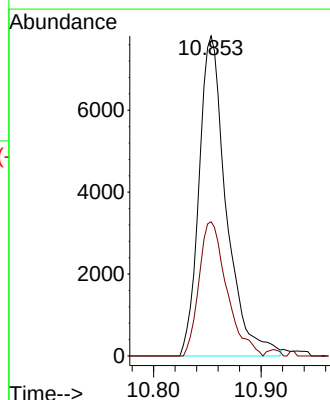
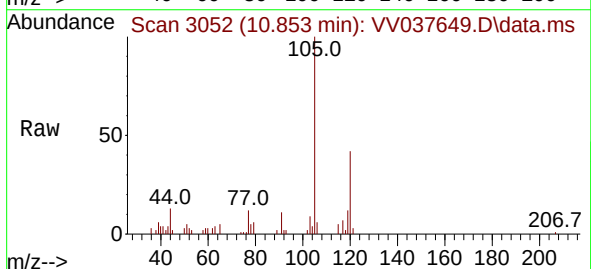
Acq: 30 Sep 2024 13:06

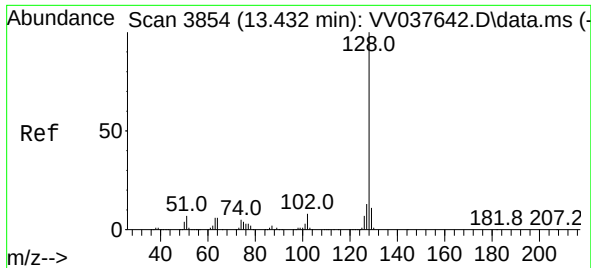
Tgt Ion:105 Resp: 13758

Ion Ratio Lower Upper

105 100

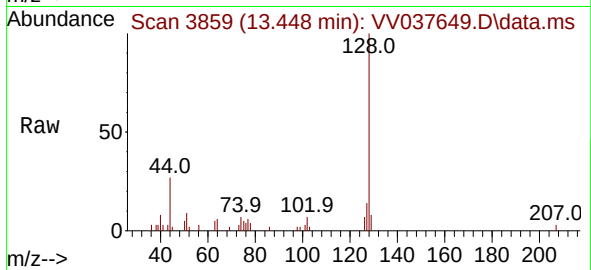
120 42.6 36.2 54.2





#71
Naphthalene
Concen: 0.753 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.016 min
Lab File: VV037649.D
Acq: 30 Sep 2024 13:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 12482
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 6.1 8.5 12.7#

