

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024339.D
 Acq On : 12 Jan 2022 18:46
 Operator : SY/MD
 Sample : N1084-08DL 500X
 Misc : 6.56g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLN1DL

Quant Time: Jan 13 02:34:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

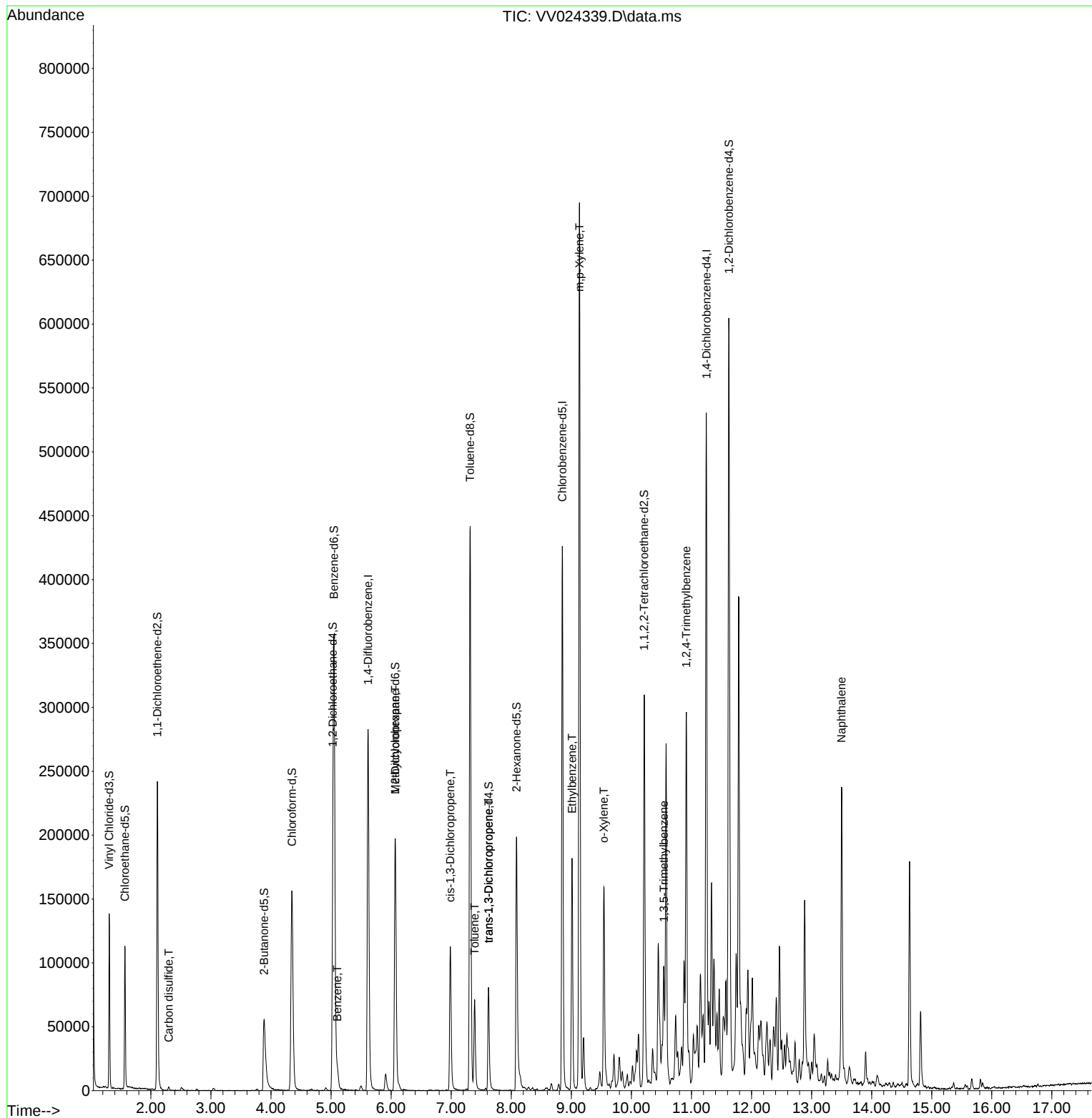
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	251307	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	235348	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	136238	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81971	45.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.640%
7) Chloroethane-d5	1.568	69	64151	46.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.380%
11) 1,1-Dichloroethene-d2	2.108	63	121403	35.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.840%
21) 2-Butanone-d5	3.886	46	94946	94.224	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.220%
24) Chloroform-d	4.349	84	157133	47.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
26) 1,2-Dichloroethane-d4	5.031	65	105526	47.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
32) Benzene-d6	5.050	84	309611	50.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
36) 1,2-Dichloropropane-d6	6.069	67	90541	52.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.200%
41) Toluene-d8	7.317	98	292376	49.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.340%
43) trans-1,3-Dichloroprop...	7.622	79	45835	46.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.500%
47) 2-Hexanone-d5	8.088	63	66531	88.970	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.970%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	117521	47.778	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.560%
66) 1,2-Dichlorobenzene-d4	11.622	152	135285	49.818	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.298	76	3068	0.690	ug/L #	94
33) Benzene	5.105	78	15104	2.524	ug/L	100
35) Methylcyclohexane	6.069	83	23538	9.617	ug/L #	21
39) cis-1,3-Dichloropropene	6.986	75	2988	1.263	ug/L #	44
42) Toluene	7.391	91	52279	7.782	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	2302	0.959	ug/L	92
52) Ethylbenzene	9.011	91	125493	17.487	ug/L	98
53) m,p-Xylene	9.137	106	193201	67.164	ug/L	97
54) o-Xylene	9.542	106	42887	15.618	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	44758	6.902	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	138909	21.456	ug/L	100
71) Naphthalene	13.500	128	175560	23.731	ug/L	99

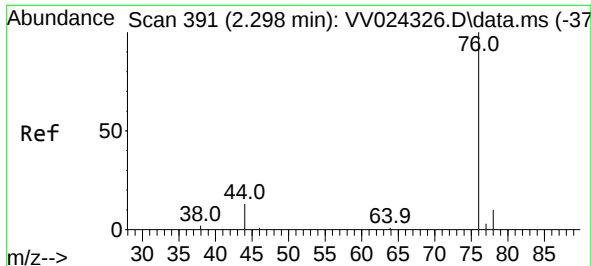
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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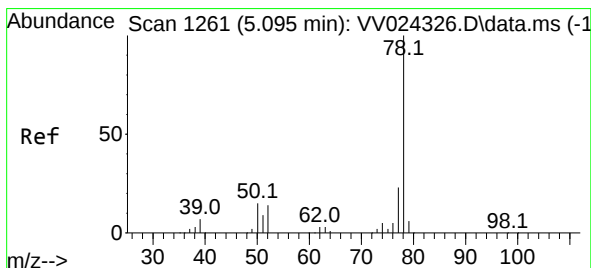
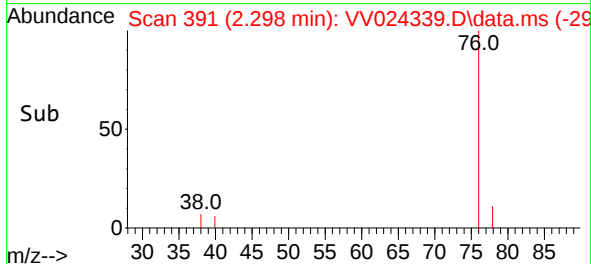
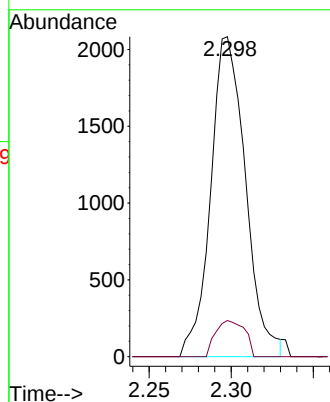
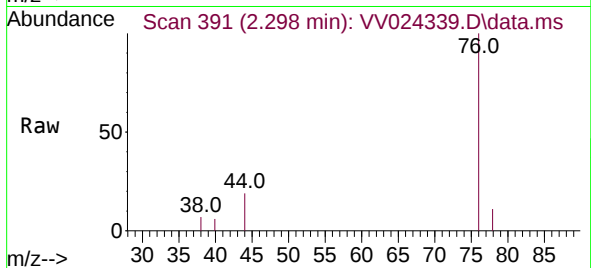




#14
Carbon disulfide
Concen: 0.690 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV024339.D
Acq: 12 Jan 2022 18:46

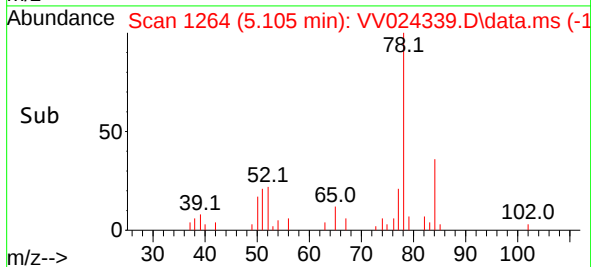
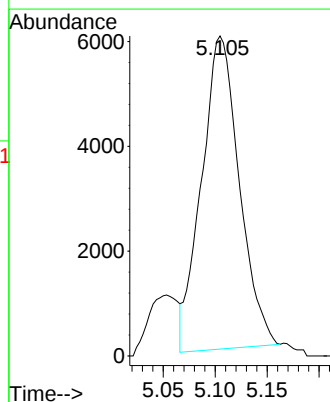
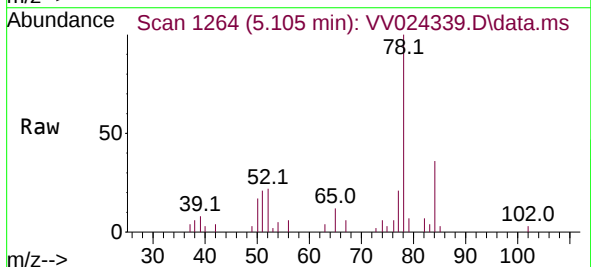
Instrument :
MSVOA_V
ClientSampleId :
BGLN1DL

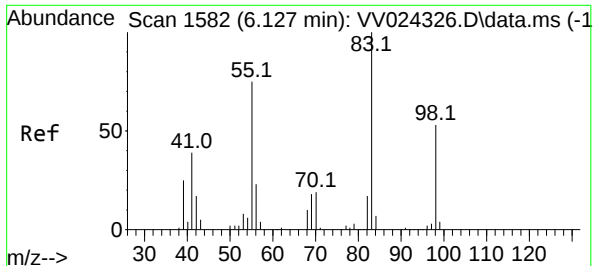
Tgt Ion: 76 Resp: 3068
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#33
Benzene
Concen: 2.524 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV024339.D
Acq: 12 Jan 2022 18:46

Tgt Ion: 78 Resp: 15104

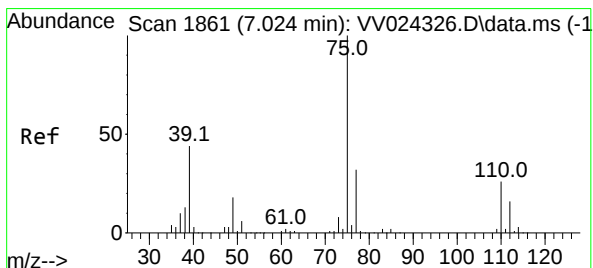
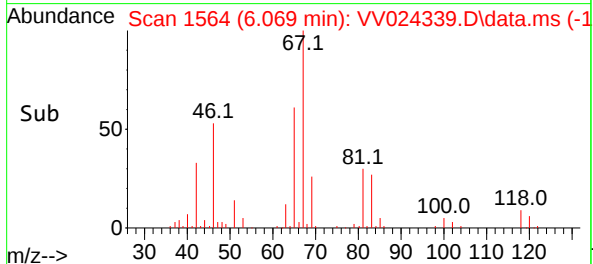
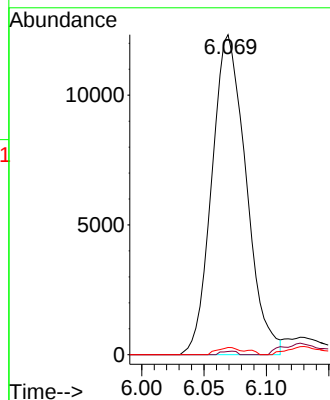
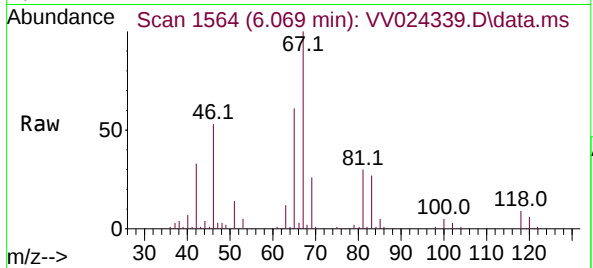




#35
Methylcyclohexane
Concen: 9.617 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV024339.D
Acq: 12 Jan 2022 18:46

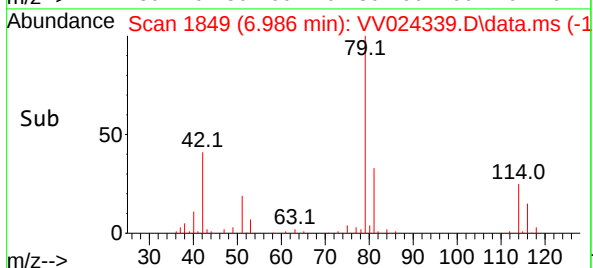
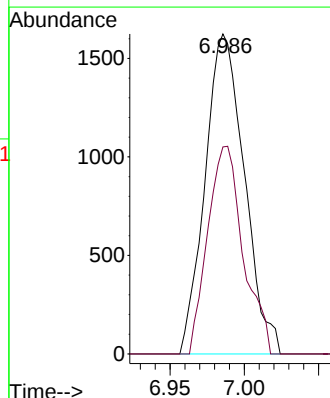
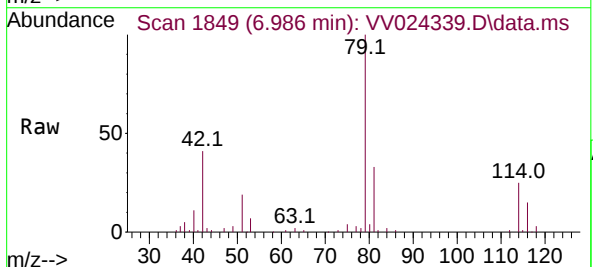
Instrument :
MSVOA_V
ClientSampleId :
BGLN1DL

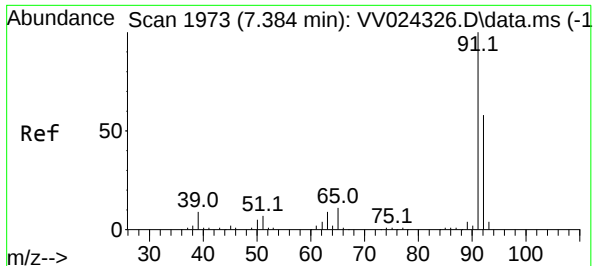
Tgt Ion: 83 Resp: 23538
Ion Ratio Lower Upper
83 100
55 0.5 55.6 83.4#
98 1.5 41.3 61.9#



#39
cis-1,3-Dichloropropene
Concen: 1.263 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV024339.D
Acq: 12 Jan 2022 18:46

Tgt Ion: 75 Resp: 2988
Ion Ratio Lower Upper
75 100
77 64.7 23.0 42.8#





#42

Toluene

Concen: 7.782 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV024339.D

Acq: 12 Jan 2022 18:46

Instrument :

MSVOA_V

ClientSampleId :

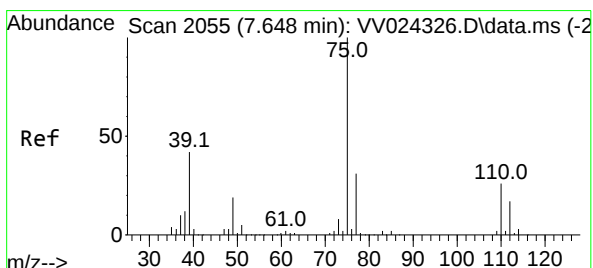
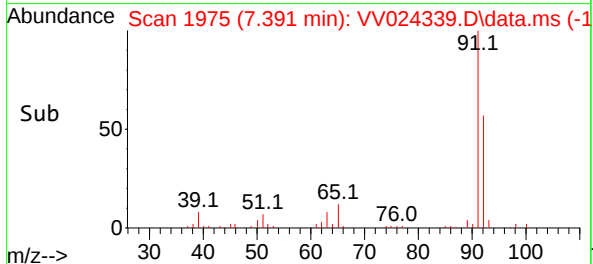
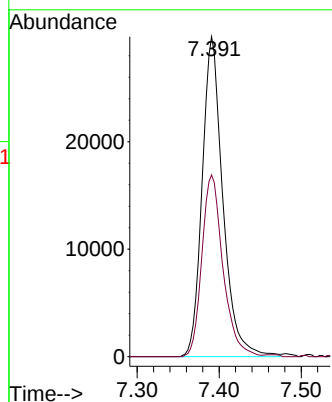
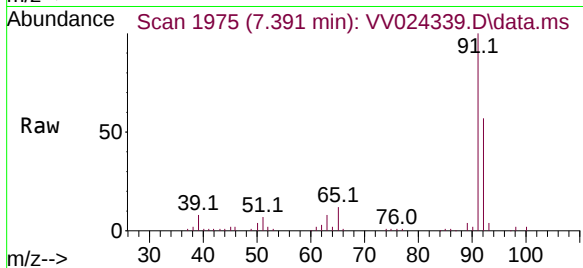
BGLN1DL

Tgt Ion: 91 Resp: 52279

Ion Ratio Lower Upper

91 100

92 56.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV024339.D

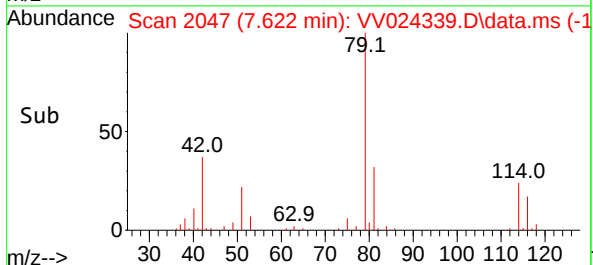
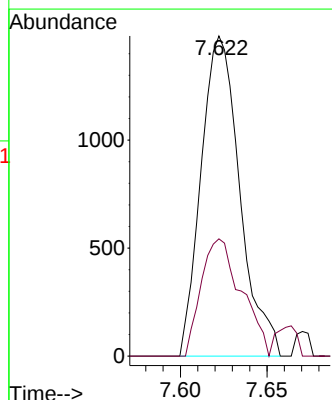
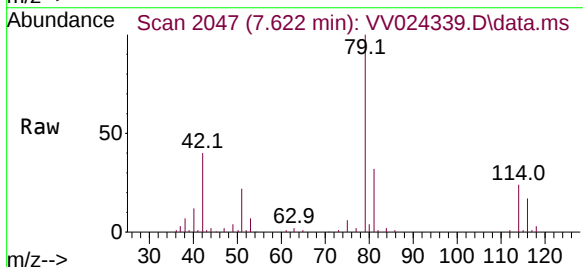
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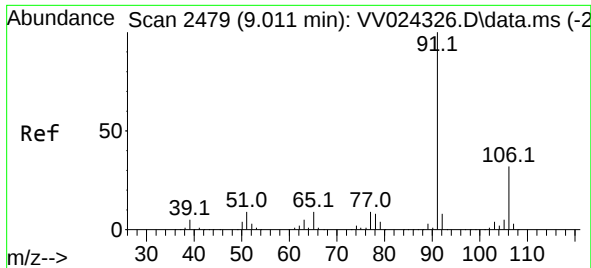
Tgt Ion: 75 Resp: 2302

Ion Ratio Lower Upper

75 100

77 36.6 22.7 42.1

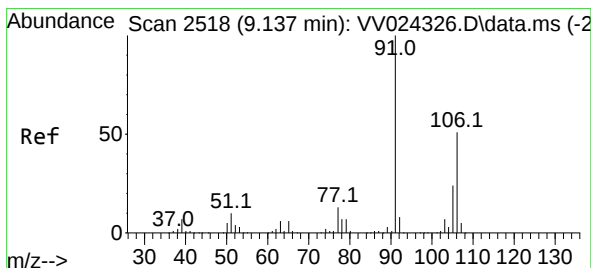
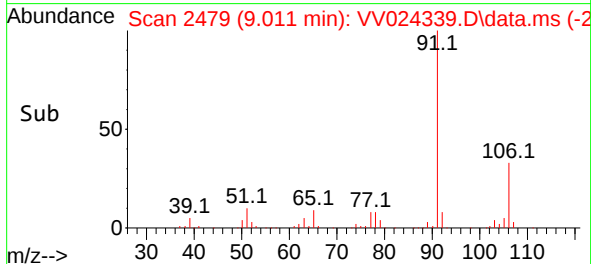
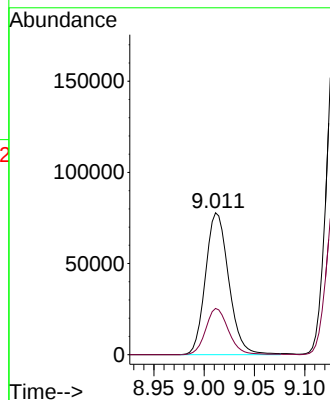
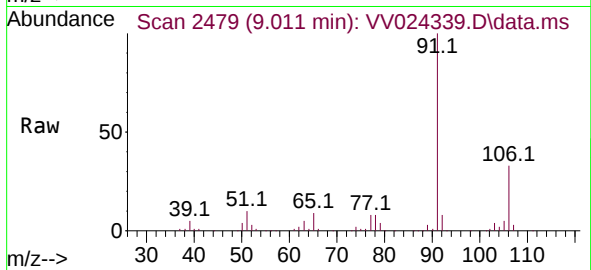




#52
Ethylbenzene
Concen: 17.487 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024339.D
Acq: 12 Jan 2022 18:46

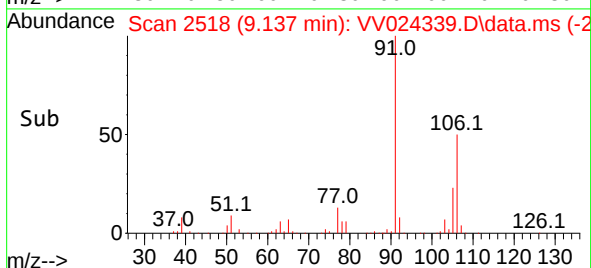
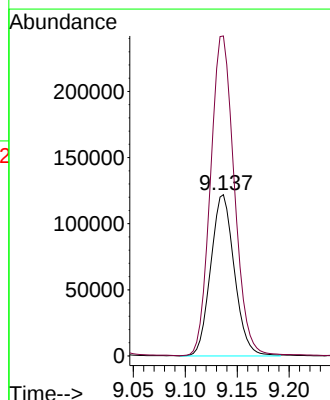
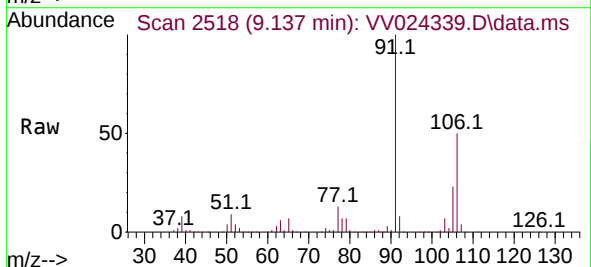
Instrument :
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ClientSampleId :
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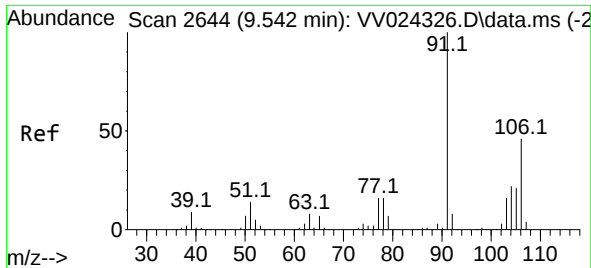
Tgt Ion: 91 Resp: 125493
Ion Ratio Lower Upper
91 100
106 32.6 22.0 41.0



#53
m,p-Xylene
Concen: 67.164 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024339.D
Acq: 12 Jan 2022 18:46

Tgt Ion: 106 Resp: 193201
Ion Ratio Lower Upper
106 100
91 198.5 141.8 263.4

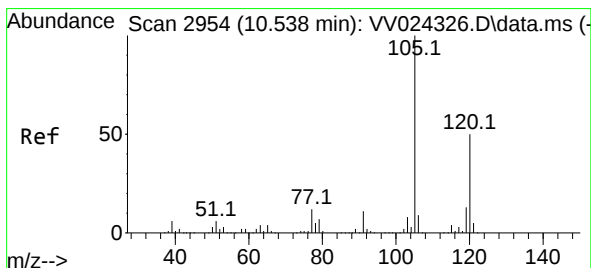
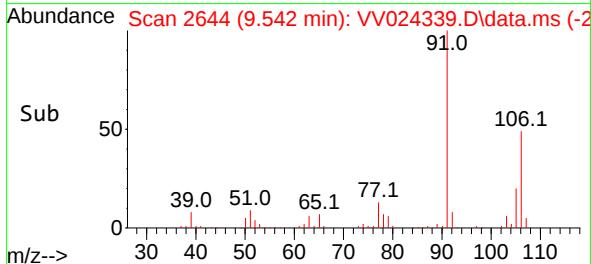
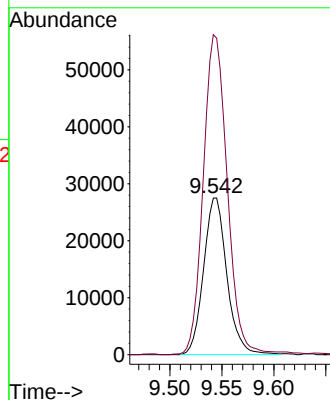
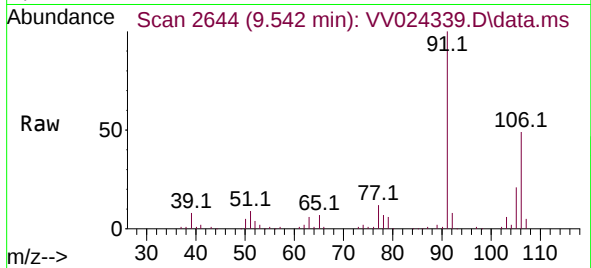




#54
o-Xylene
Concen: 15.618 ug/L
RT: 9.542 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV024339.D
Acq: 12 Jan 2022 18:46

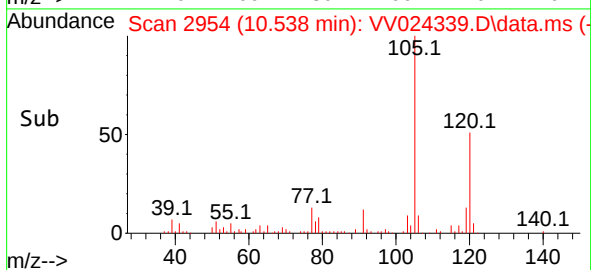
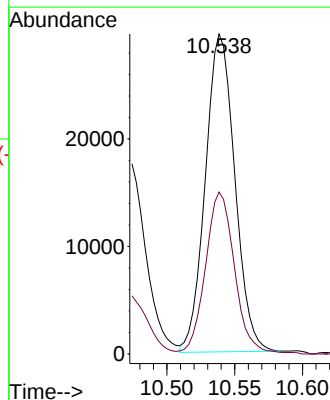
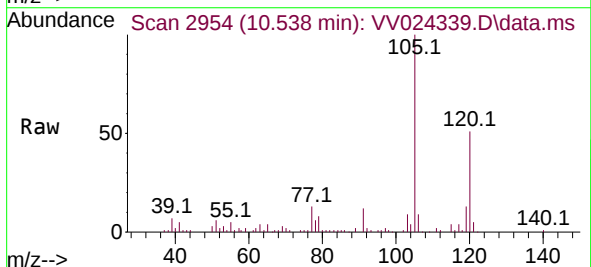
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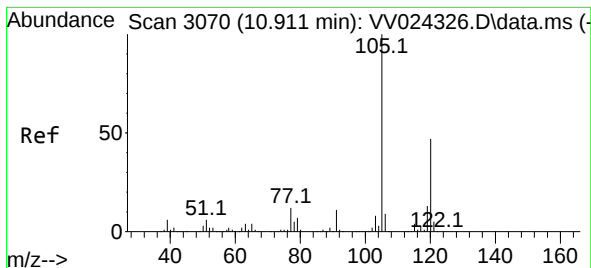
Tgt Ion:106 Resp: 42887
Ion Ratio Lower Upper
106 100
91 204.2 150.9 280.3



#62
1,3,5-Trimethylbenzene
Concen: 6.902 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024339.D
Acq: 12 Jan 2022 18:46

Tgt Ion:105 Resp: 44758
Ion Ratio Lower Upper
105 100
120 50.3 39.4 59.2





#63

1,2,4-Trimethylbenzene

Concen: 21.456 ug/L

RT: 10.915 min Scan# 3070

Delta R.T. 0.003 min

Lab File: VV024339.D

Acq: 12 Jan 2022 18:46

Instrument :

MSVOA_V

ClientSampleId :

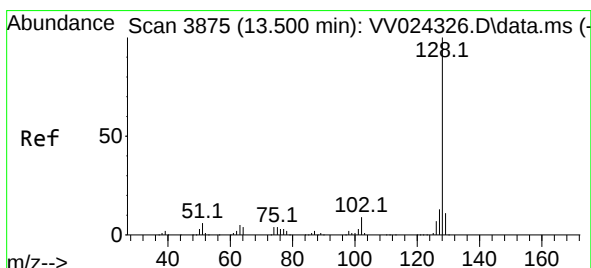
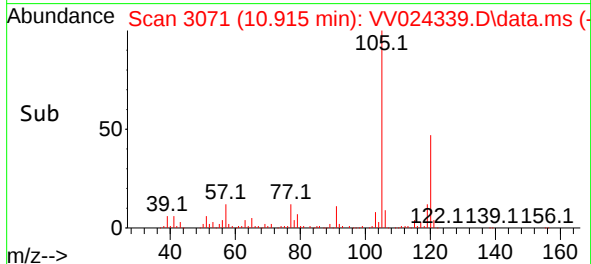
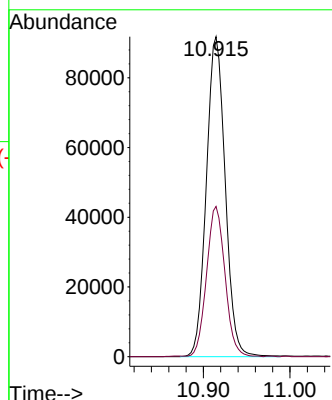
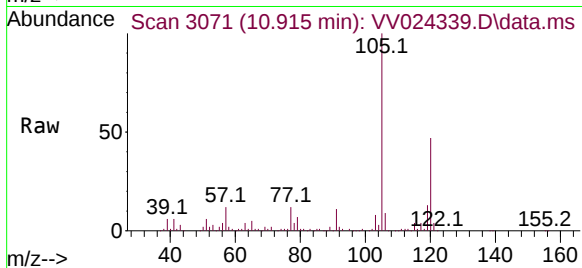
BGLN1DL

Tgt Ion:105 Resp: 138909

Ion Ratio Lower Upper

105 100

120 46.0 36.6 55.0



#71

Naphthalene

Concen: 23.731 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024339.D

Acq: 12 Jan 2022 18:46

Tgt Ion:128 Resp: 175560

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.7 13.1

