

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024332.D
 Acq On : 12 Jan 2022 16:01
 Operator : SY/MD
 Sample : N1084-09DL 100X
 Misc : 6.39g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLN2DL

Quant Time: Jan 13 02:33:04 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)

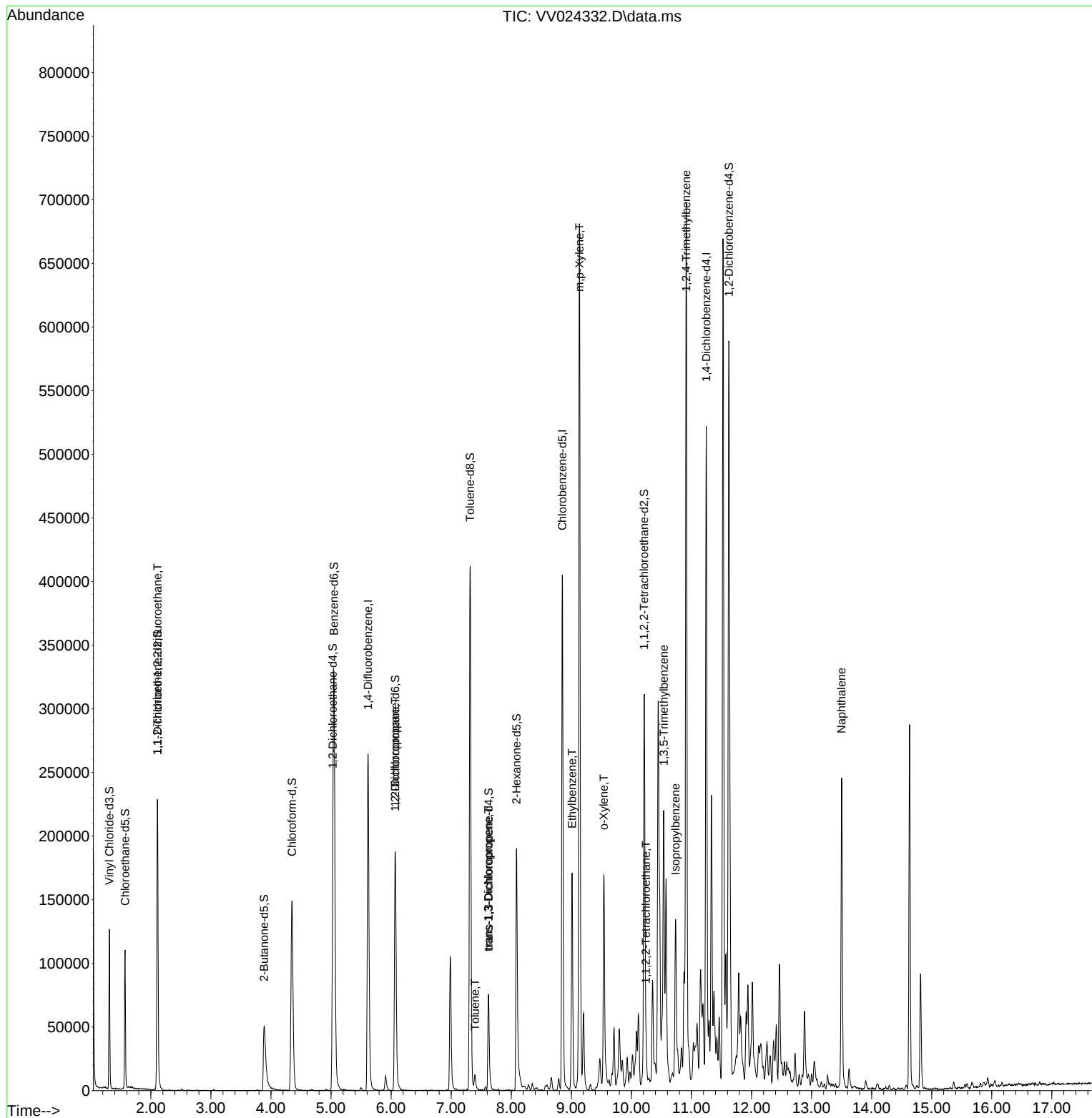
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	233134	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	224603	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	132504	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	76548	45.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.240%
7) Chloroethane-d5	1.571	69	62895	49.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.700%
11) 1,1-Dichloroethene-d2	2.111	63	115953	36.977	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.960%
21) 2-Butanone-d5	3.886	46	87980	94.117	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.120%
24) Chloroform-d	4.349	84	148266	48.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.700%
26) 1,2-Dichloroethane-d4	5.031	65	99931	48.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.340%
32) Benzene-d6	5.050	84	289244	49.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.700%
36) 1,2-Dichloropropane-d6	6.069	67	84321	51.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.660%
41) Toluene-d8	7.317	98	272366	47.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.980%
43) trans-1,3-Dichloroprop...	7.622	79	43719	46.221	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.440%
47) 2-Hexanone-d5	8.088	63	61678	86.426	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.430%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	117724	50.150	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.300%
66) 1,2-Dichlorobenzene-d4	11.622	152	131959	49.963	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1186	0.807	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	10501	7.817	ug/L #	82
42) Toluene	7.397	91	8581	1.339	ug/L	99
44) trans-1,3-Dichloropropene	7.619	75	2260	0.987	ug/L	96
52) Ethylbenzene	9.011	91	115667	16.889	ug/L	100
53) m,p-Xylene	9.137	106	188236	68.568	ug/L	97
54) o-Xylene	9.542	106	43800	16.714	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	3938	1.791	ug/L #	45
60) Isopropylbenzene	10.735	105	69734	9.511	ug/L	92
62) 1,3,5-Trimethylbenzene	10.538	105	111729	17.715	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	354989	56.378	ug/L	99
71) Naphthalene	13.500	128	188614	26.214	ug/L	99

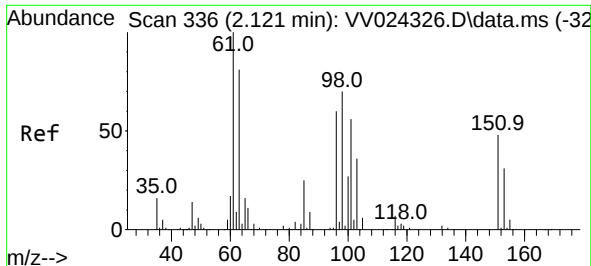
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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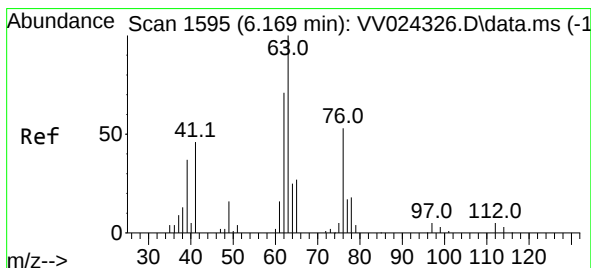
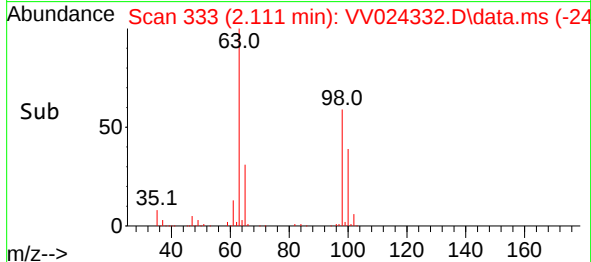
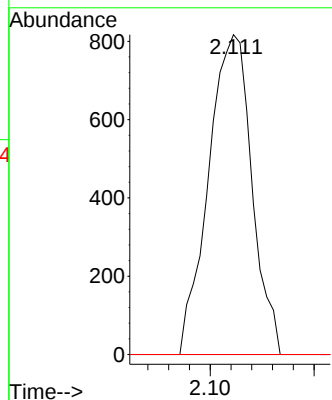
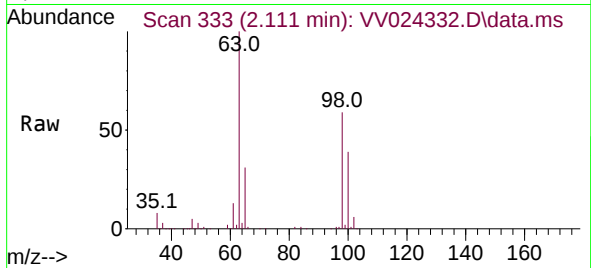




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.807 ug/L
 RT: 2.111 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV024332.D
 Acq: 12 Jan 2022 16:01

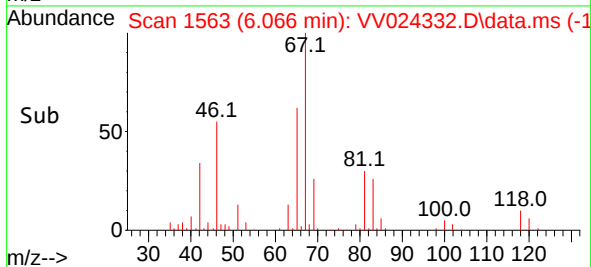
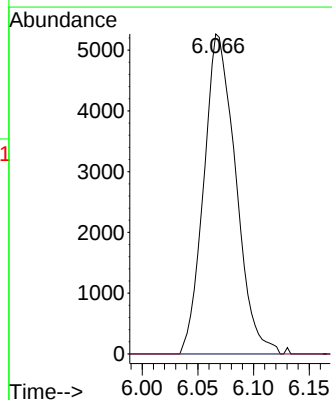
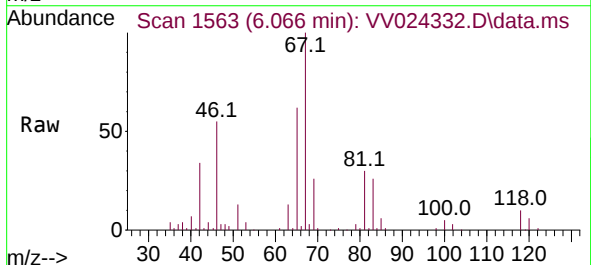
Instrument :
 MSVOA_V
 ClientSampleId :
 BGLN2DL

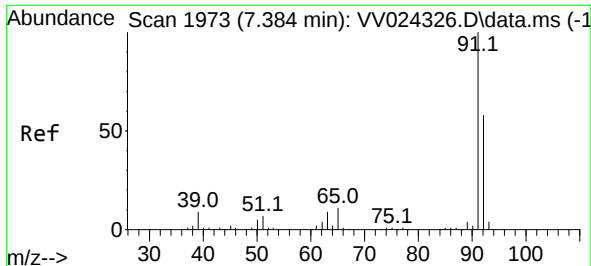
Tgt Ion:101 Resp: 1186
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 67.1 100.7#



#37
 1,2-Dichloropropane
 Concen: 7.817 ug/L
 RT: 6.066 min Scan# 1563
 Delta R.T. -0.103 min
 Lab File: VV024332.D
 Acq: 12 Jan 2022 16:01

Tgt Ion: 63 Resp: 10501
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.7 7.1#





#42

Toluene

Concen: 1.339 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV024332.D

Acq: 12 Jan 2022 16:01

Instrument :

MSVOA_V

ClientSampleId :

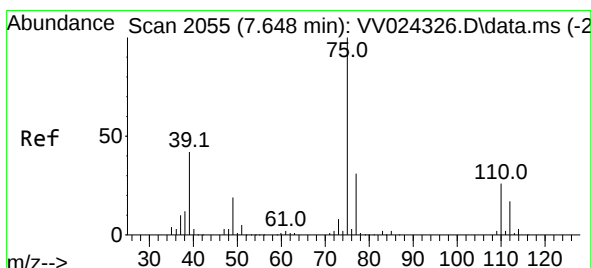
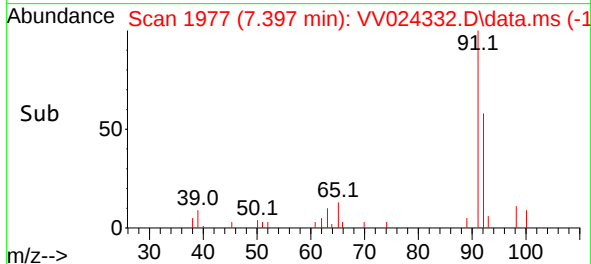
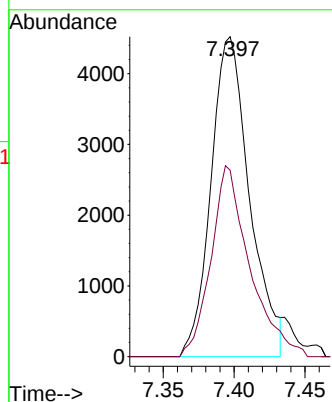
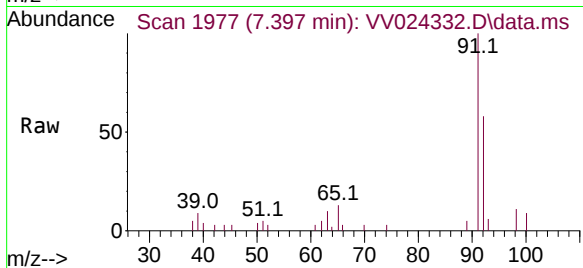
BGLN2DL

Tgt Ion: 91 Resp: 8581

Ion Ratio Lower Upper

91 100

92 58.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.987 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.029 min

Lab File: VV024332.D

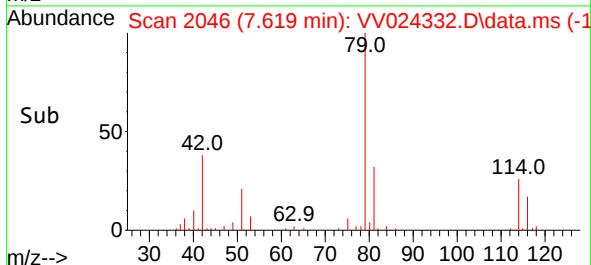
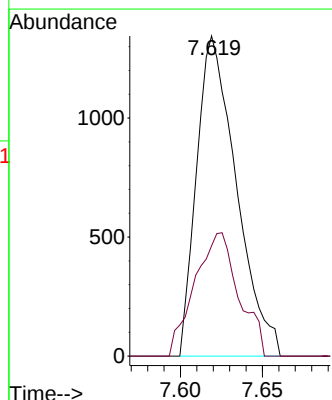
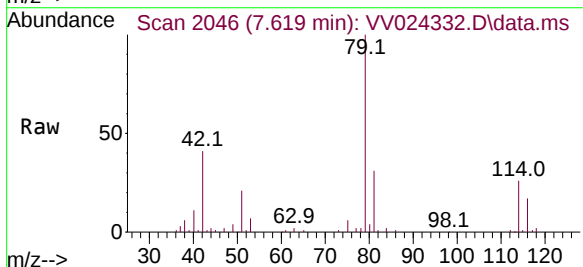
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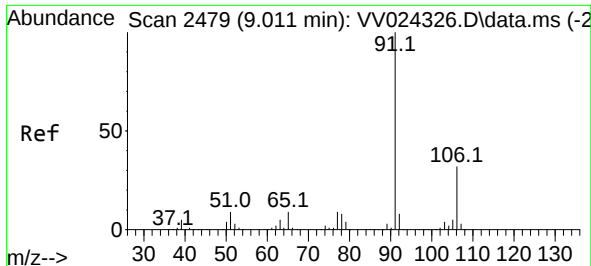
Tgt Ion: 75 Resp: 2260

Ion Ratio Lower Upper

75 100

77 34.4 22.7 42.1

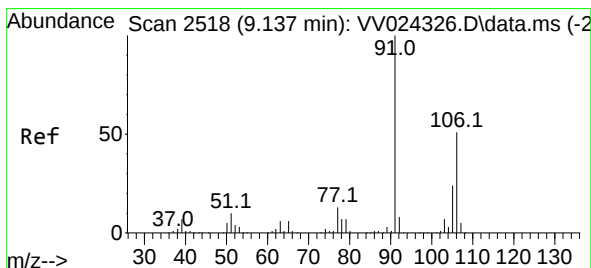
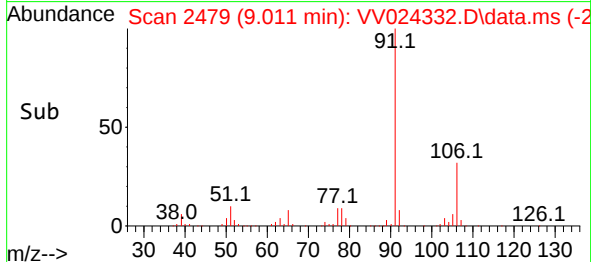
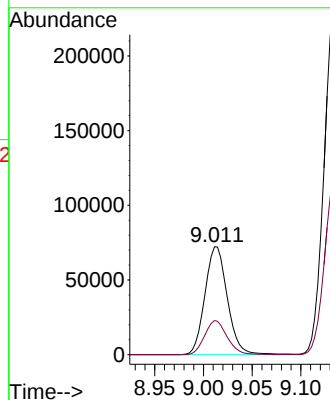
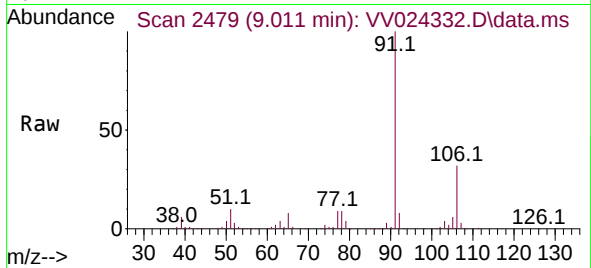




#52
Ethylbenzene
Concen: 16.889 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

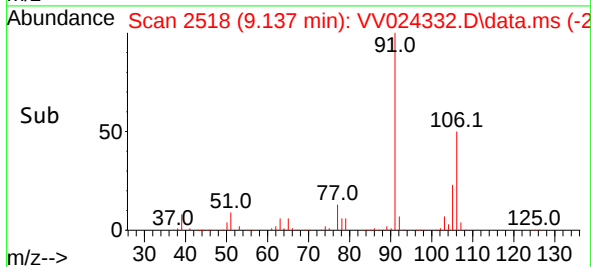
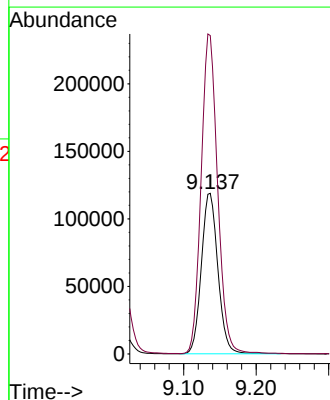
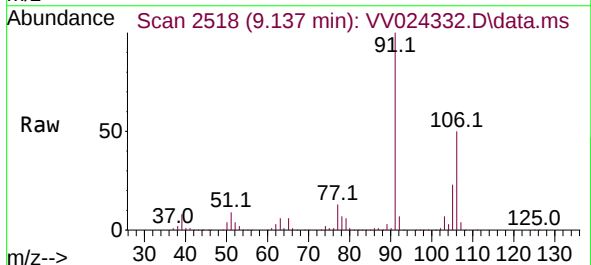
Instrument :
MSVOA_V
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BGLN2DL

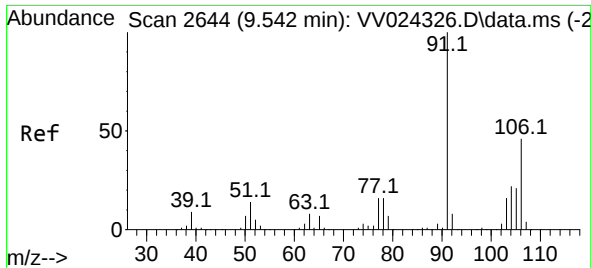
Tgt Ion: 91 Resp: 115667
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0



#53
m,p-Xylene
Concen: 68.568 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

Tgt Ion: 106 Resp: 188236
Ion Ratio Lower Upper
106 100
91 198.2 141.8 263.4

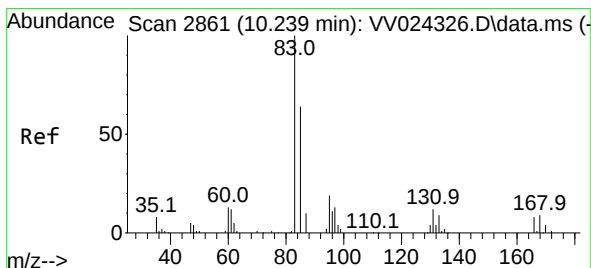
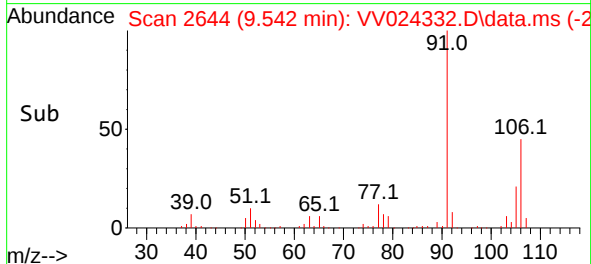
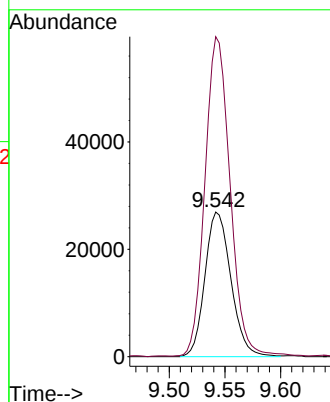
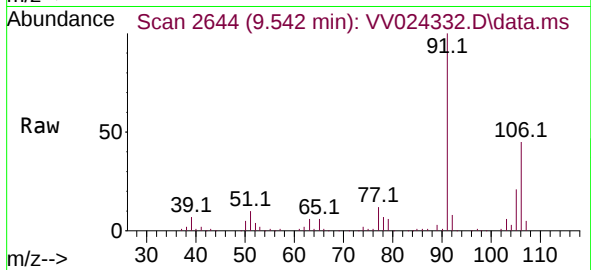




#54
o-Xylene
Concen: 16.714 ug/L
RT: 9.542 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

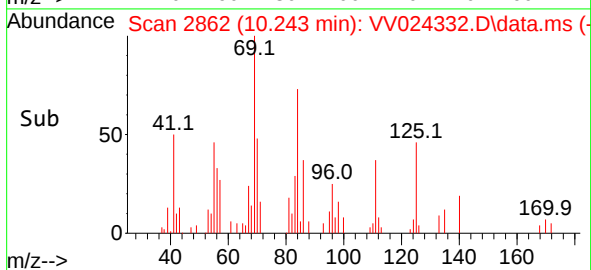
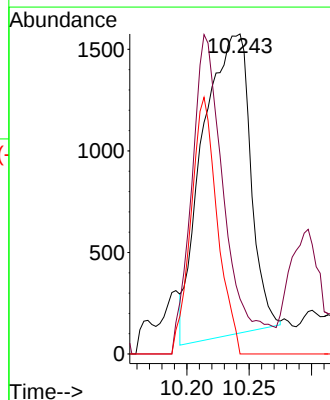
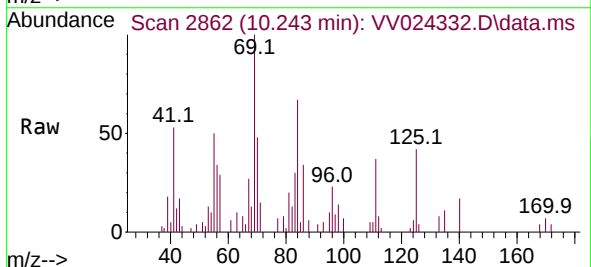
Instrument :
MSVOA_V
ClientSampleId :
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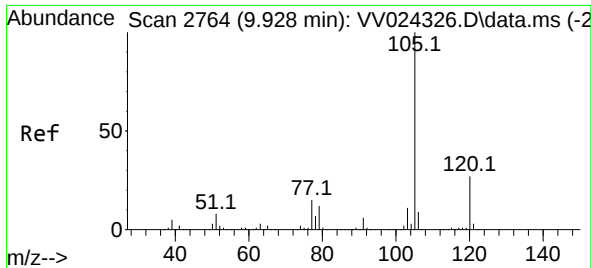
Tgt Ion:106 Resp: 43800
Ion Ratio Lower Upper
106 100
91 221.1 150.9 280.3



#57
1,1,2,2-Tetrachloroethane
Concen: 1.791 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

Tgt Ion: 83 Resp: 3938
Ion Ratio Lower Upper
83 100
85 17.2 44.5 82.7#
131 0.0 9.2 13.8#

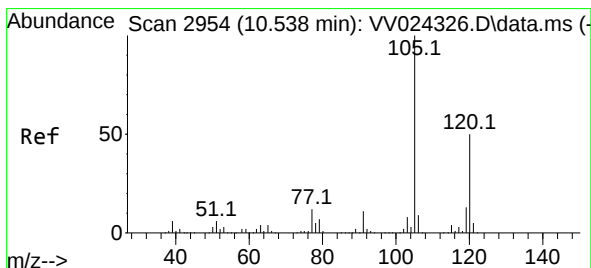
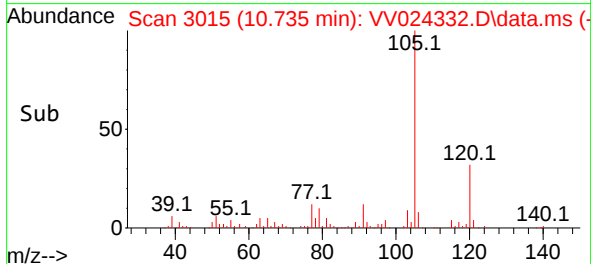
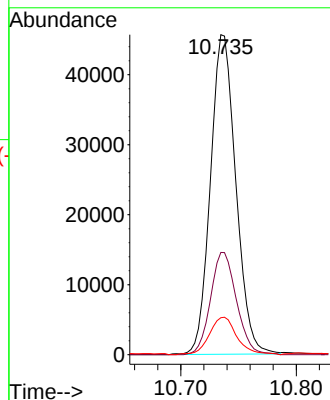
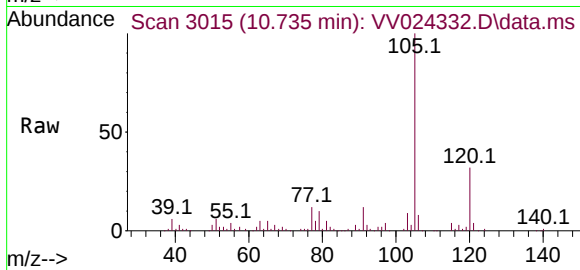




#60
Isopropylbenzene
Concen: 9.511 ug/L
RT: 10.735 min Scan# 3015
Delta R.T. 0.807 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

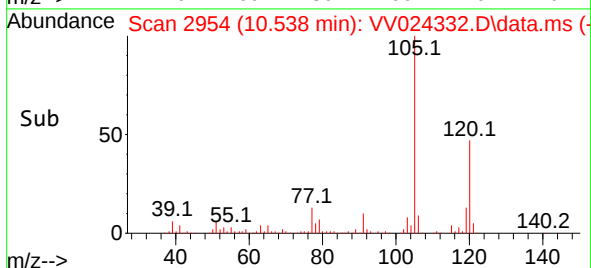
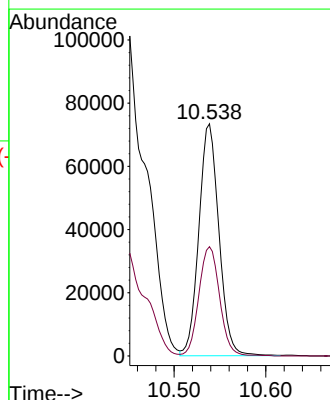
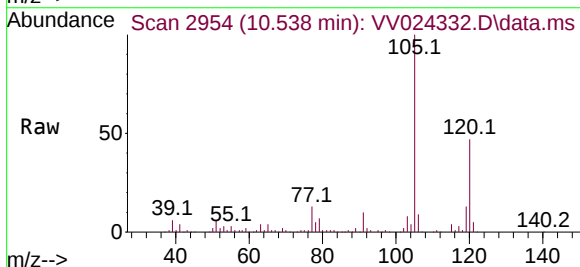
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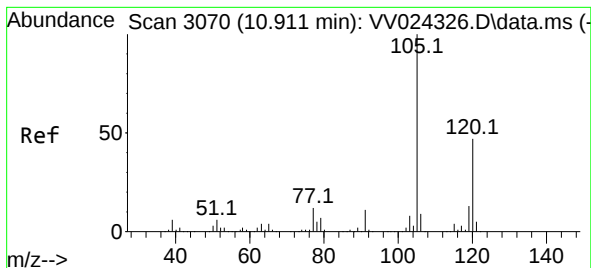
Tgt Ion:105 Resp: 69734
Ion Ratio Lower Upper
105 100
120 32.8 21.9 32.9
77 12.8 11.9 17.9



#62
1,3,5-Trimethylbenzene
Concen: 17.715 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

Tgt Ion:105 Resp: 111729
Ion Ratio Lower Upper
105 100
120 47.7 39.4 59.2





#63

1,2,4-Trimethylbenzene

Concen: 56.378 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024332.D

Acq: 12 Jan 2022 16:01

Instrument :

MSVOA_V

ClientSampleId :

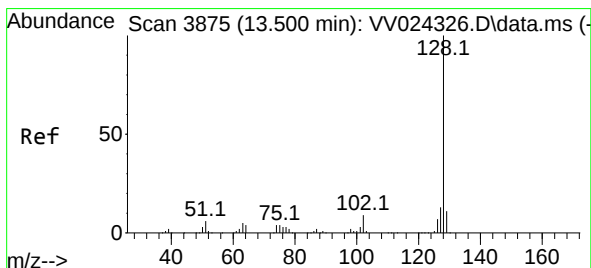
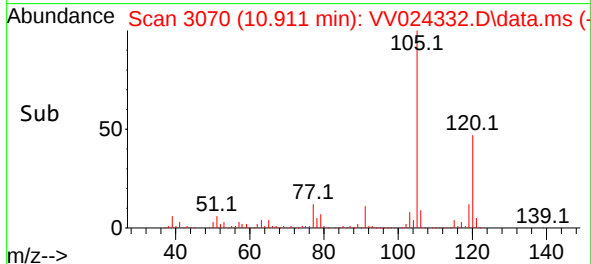
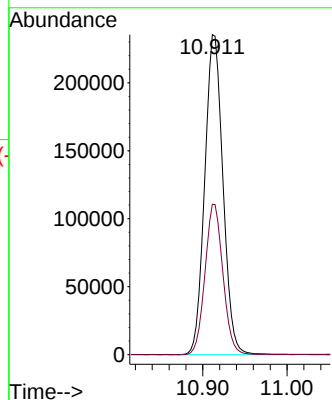
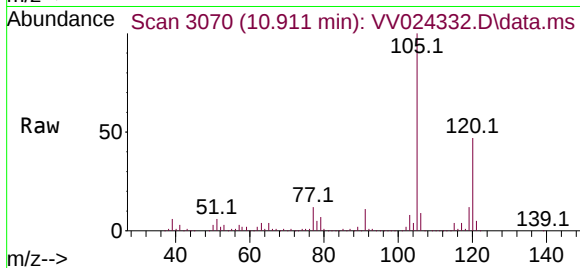
BGLN2DL

Tgt Ion:105 Resp: 354989

Ion Ratio Lower Upper

105 100

120 46.2 36.6 55.0



#71

Naphthalene

Concen: 26.214 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024332.D

Acq: 12 Jan 2022 16:01

Tgt Ion:128 Resp: 188614

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.4 8.7 13.1

