

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024340.D
 Acq On : 12 Jan 2022 19:10
 Operator : SY/MD
 Sample : N1084-09 20X
 Misc : 6.39g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLN2

Quant Time: Jan 13 02:34:58 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	255755	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	251725	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	141426	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	81787	44.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.860%
7) Chloroethane-d5	1.571	69	63958	45.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.480%
11) 1,1-Dichloroethene-d2	2.108	63	122408	35.583	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.160%
21) 2-Butanone-d5	3.889	46	97213	94.796	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.800%
24) Chloroform-d	4.349	84	158104	46.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.030	65	107286	47.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
32) Benzene-d6	5.050	84	315283	47.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	91762	49.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	7.317	98	296241	46.577	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.160%
43) trans-1,3-Dichloroprop...	7.622	79	47347	44.663	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.320%
47) 2-Hexanone-d5	8.088	63	76545	95.702	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	131237	49.883	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.760%
66) 1,2-Dichlorobenzene-d4	11.622	152	138358	49.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.160%

Target Compounds

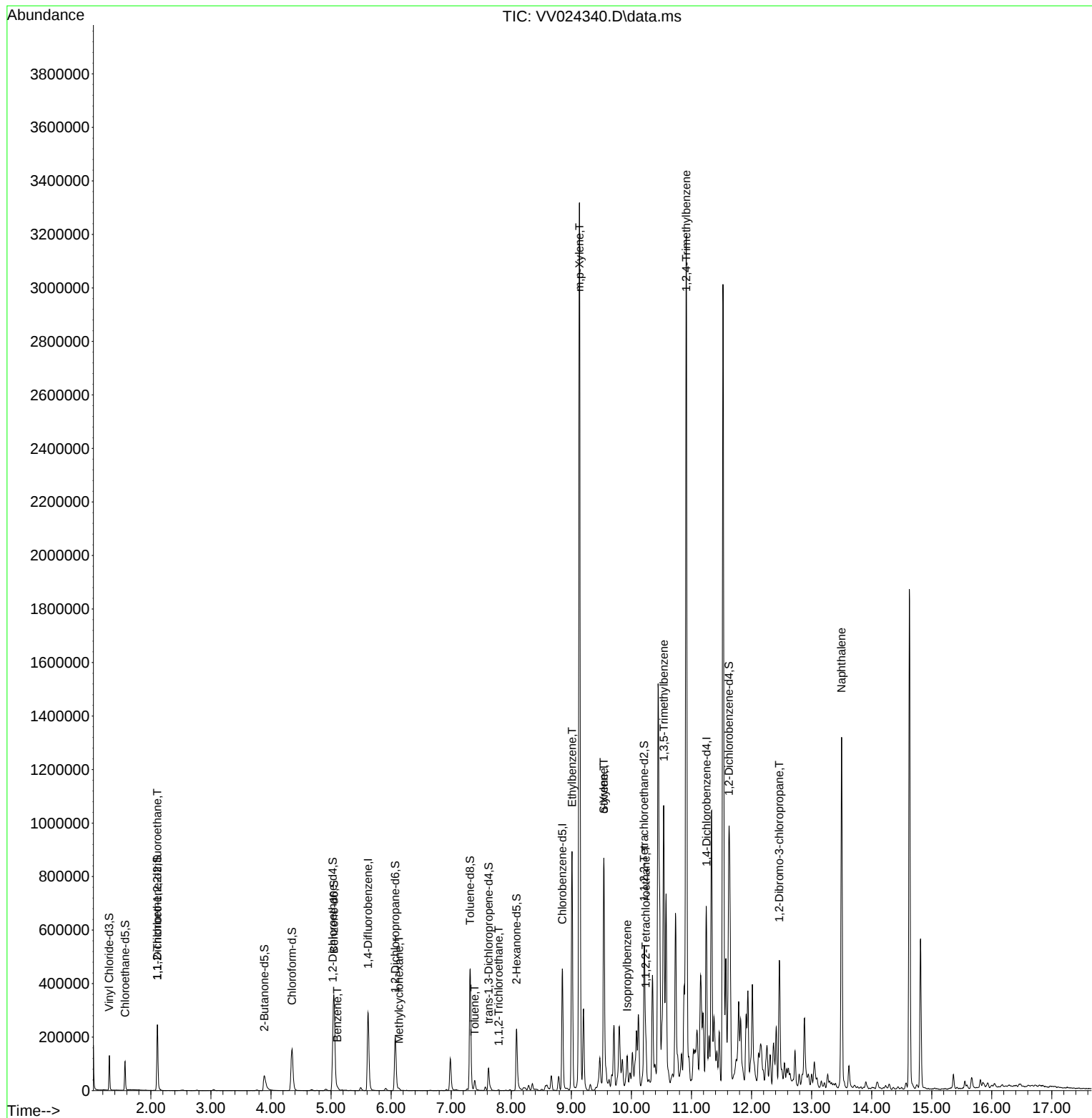
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1220	0.757	ug/L #	16
33) Benzene	5.104	78	9500	1.484	ug/L	100
35) Methylcyclohexane	6.130	83	2491	0.952	ug/L #	68
42) Toluene	7.391	91	28649	3.987	ug/L	98
45) 1,1,2-Trichloroethane	7.792	97	1147	0.680	ug/L #	16
52) Ethylbenzene	9.011	91	600558	78.240	ug/L	100
53) m,p-Xylene	9.136	106	901657	293.056	ug/L	99
54) o-Xylene	9.542	106	221991	75.584	ug/L	97
55) Styrene	9.542	104	10962	2.149	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.239	83	16701	6.777	ug/L #	43
60) Isopropylbenzene	9.931	105	66145	8.452	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	523859	77.819	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	1643560	244.558	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.461	75	3787	6.332	ug/L #	1
71) Naphthalene	13.500	128	1007768	131.225	ug/L	99

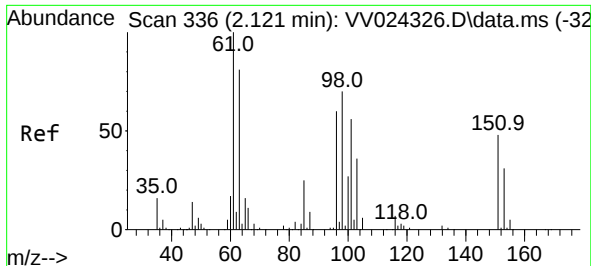
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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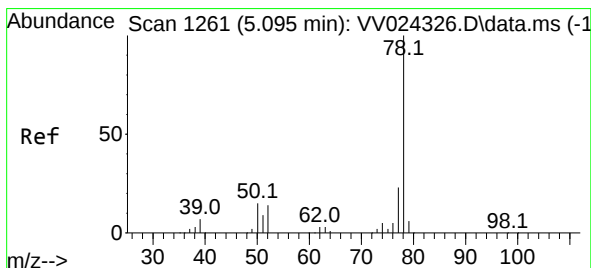
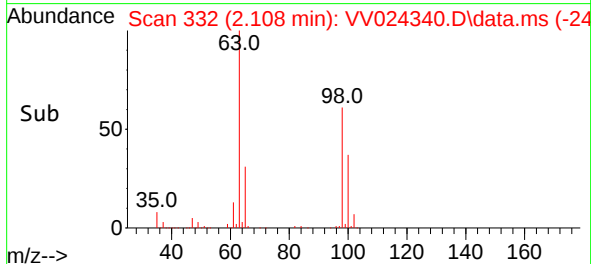
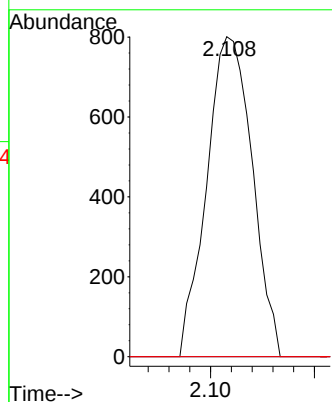
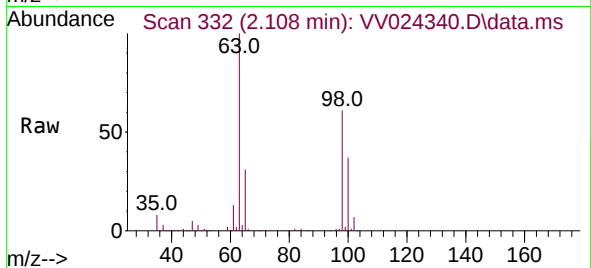




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.757 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VV024340.D
 Acq: 12 Jan 2022 19:10

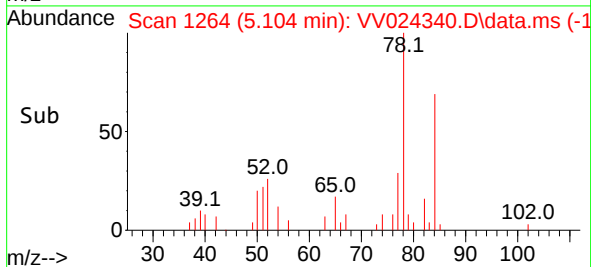
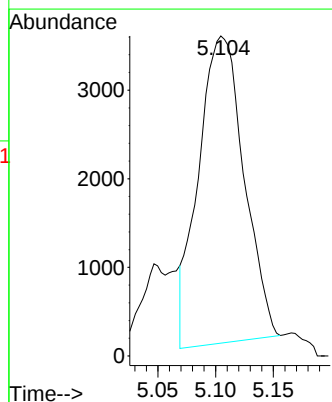
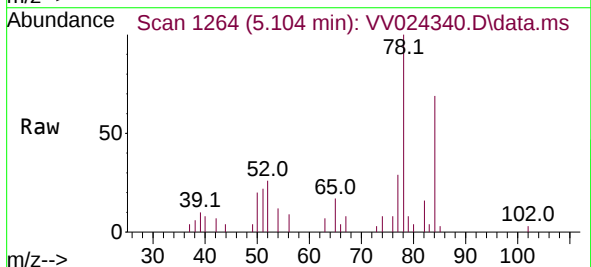
Instrument :
 MSVOA_V
 ClientSampleId :
 BGLN2

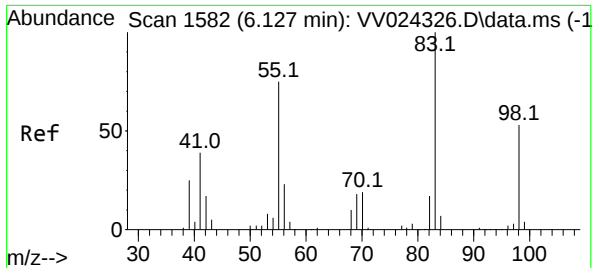
Tgt Ion:101 Resp: 1220
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 67.1 100.7#



#33
 Benzene
 Concen: 1.484 ug/L
 RT: 5.104 min Scan# 1264
 Delta R.T. 0.010 min
 Lab File: VV024340.D
 Acq: 12 Jan 2022 19:10

Tgt Ion: 78 Resp: 9500





#35

Methylcyclohexane

Concen: 0.952 ug/L

RT: 6.130 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024340.D

Acq: 12 Jan 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

BGLN2

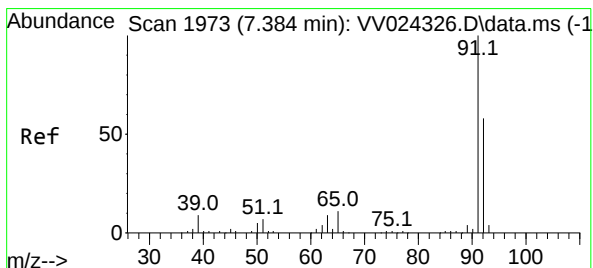
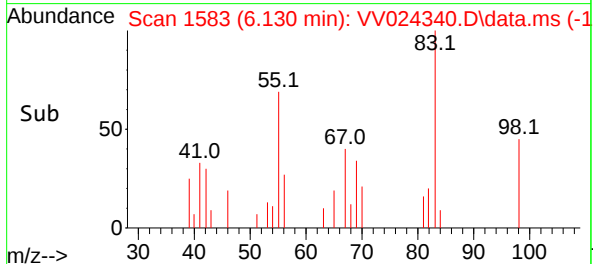
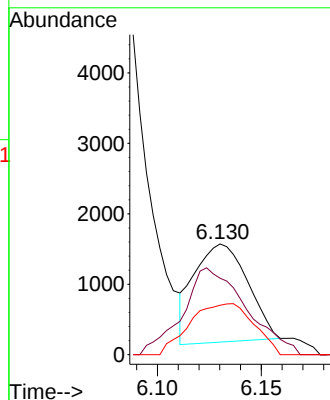
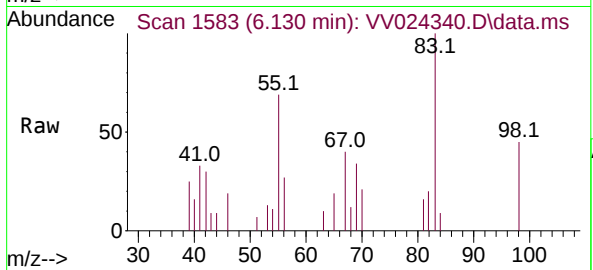
Tgt Ion: 83 Resp: 2491

Ion Ratio Lower Upper

83 100

55 105.3 55.6 83.4#

98 62.1 41.3 61.9#



#42

Toluene

Concen: 3.987 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV024340.D

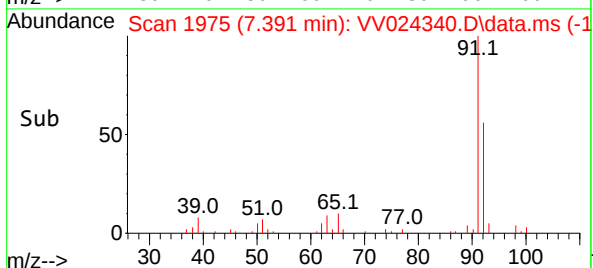
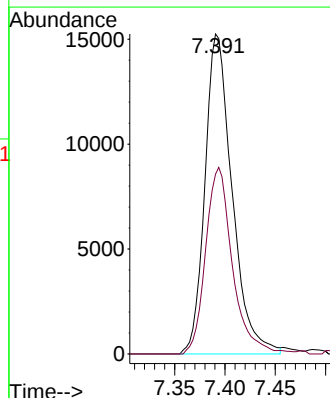
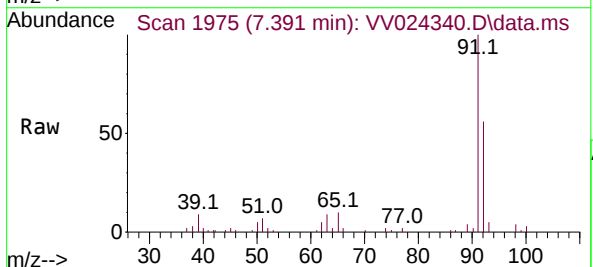
Acq: 12 Jan 2022 19:10

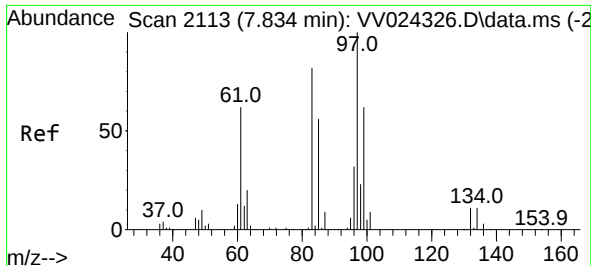
Tgt Ion: 91 Resp: 28649

Ion Ratio Lower Upper

91 100

92 56.2 40.4 75.0





#45

1,1,2-Trichloroethane

Concen: 0.680 ug/L

RT: 7.792 min Scan# 2113

Delta R.T. -0.042 min

Lab File: VV024340.D

Acq: 12 Jan 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

BGLN2

Tgt Ion: 97 Resp: 1147

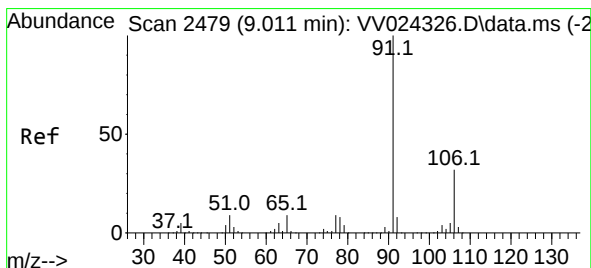
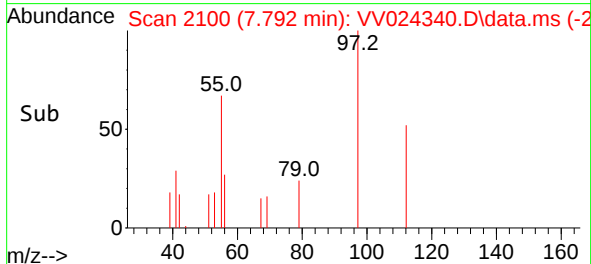
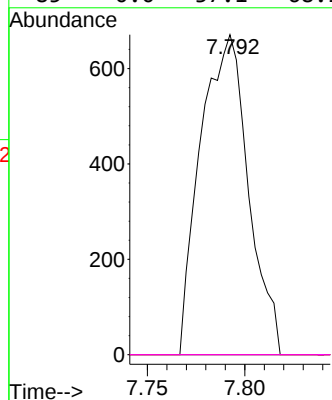
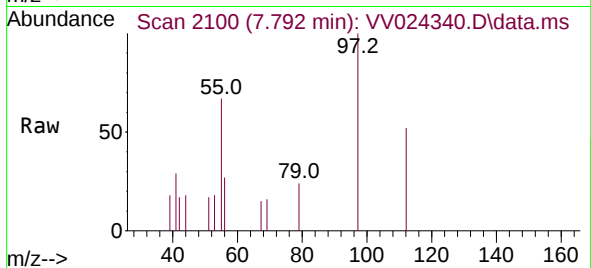
Ion Ratio Lower Upper

97 100

99 0.0 42.4 78.8#

83 0.0 57.9 107.5#

85 0.0 37.1 68.9#



#52

Ethylbenzene

Concen: 78.240 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024340.D

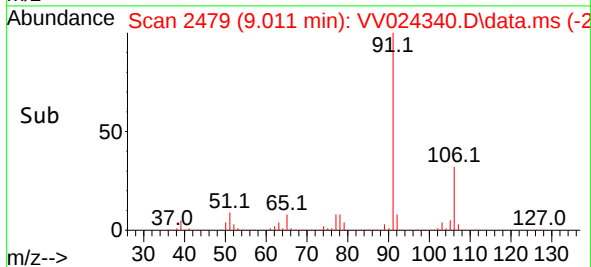
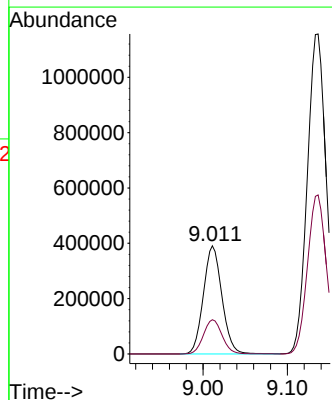
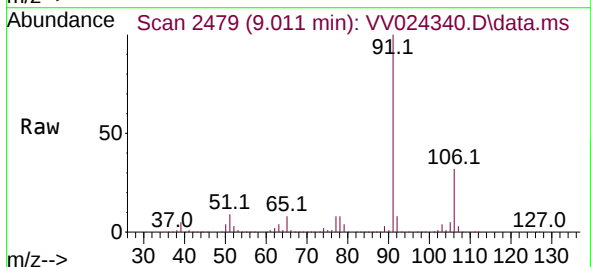
Acq: 12 Jan 2022 19:10

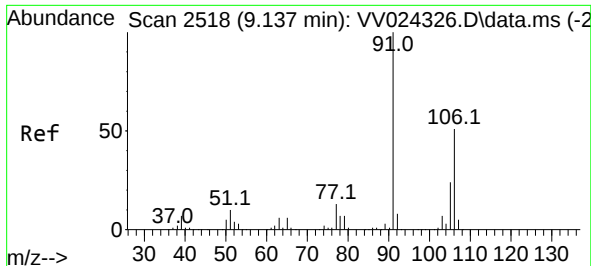
Tgt Ion: 91 Resp: 600558

Ion Ratio Lower Upper

91 100

106 31.7 22.0 41.0

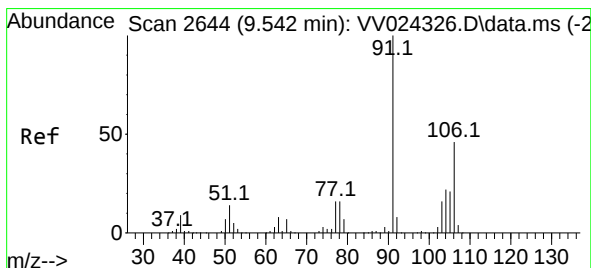
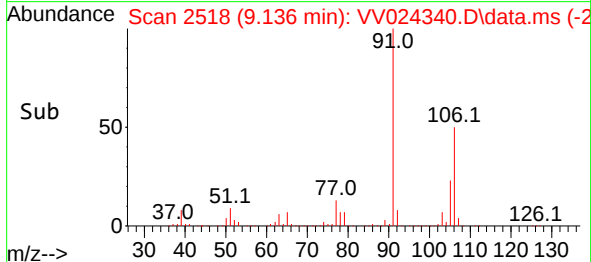
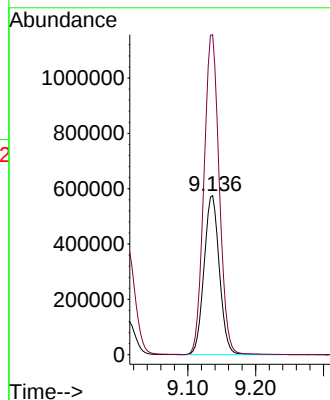
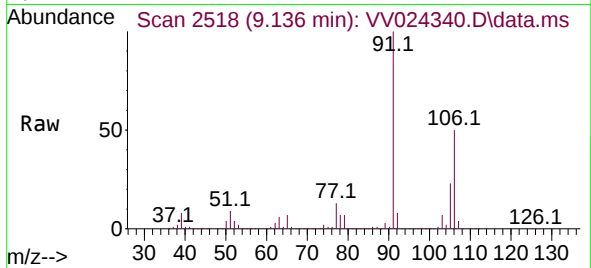




#53
m,p-Xylene
Concen: 293.056 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

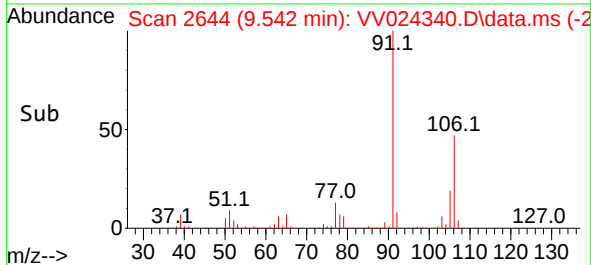
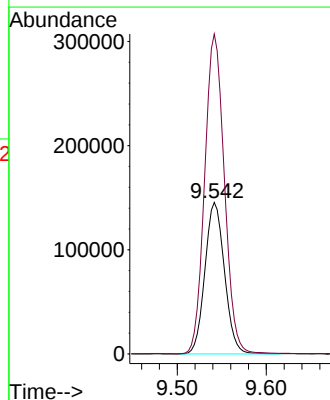
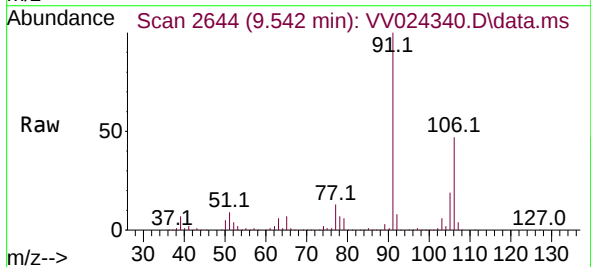
Instrument :
MSVOA_V
ClientSampleId :
BGLN2

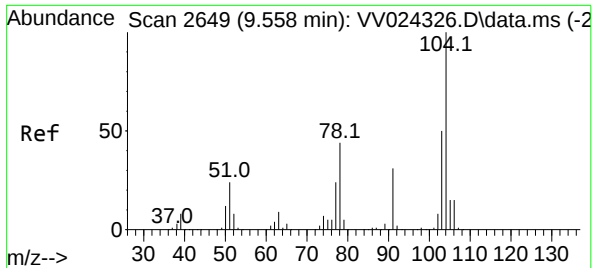
Tgt Ion:106 Resp: 901657
Ion Ratio Lower Upper
106 100
91 201.3 141.8 263.4



#54
o-Xylene
Concen: 75.584 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

Tgt Ion:106 Resp: 221991
Ion Ratio Lower Upper
106 100
91 211.3 150.9 280.3

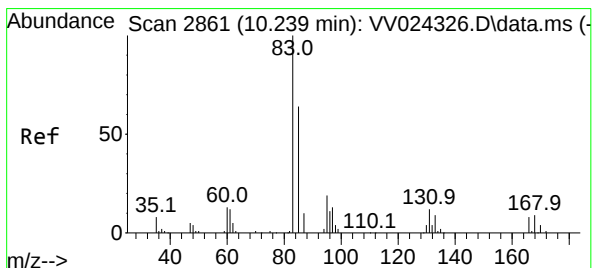
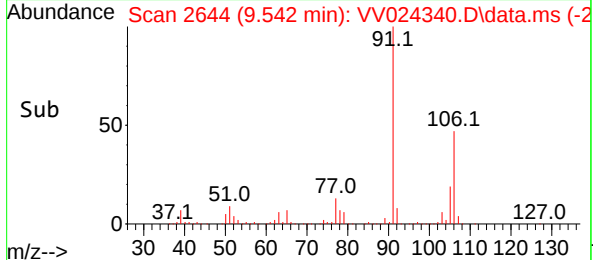
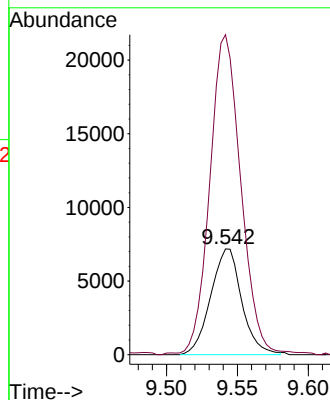
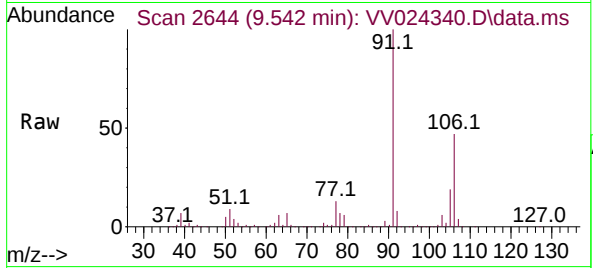




#55
Styrene
Concen: 2.149 ug/L
RT: 9.542 min Scan# 2649
Delta R.T. -0.016 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

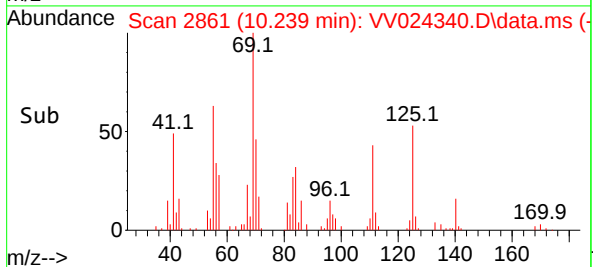
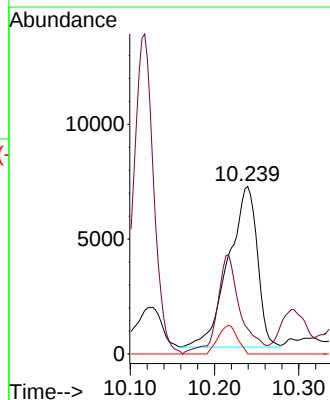
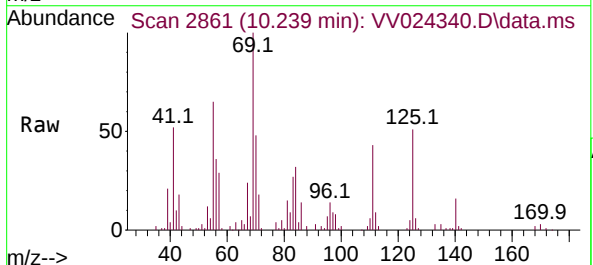
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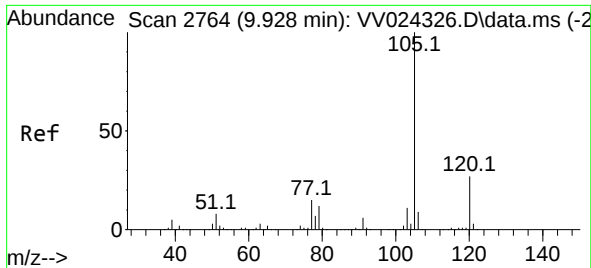
Tgt Ion:104 Resp: 10962
Ion Ratio Lower Upper
104 100
78 302.6 31.5 58.5#



#57
1,1,2,2-Tetrachloroethane
Concen: 6.777 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

Tgt Ion: 83 Resp: 16701
Ion Ratio Lower Upper
83 100
85 15.0 44.5 82.7#
131 0.0 9.2 13.8#

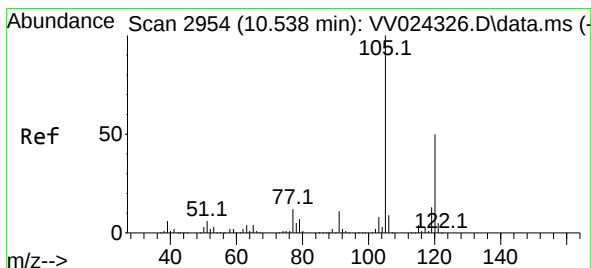
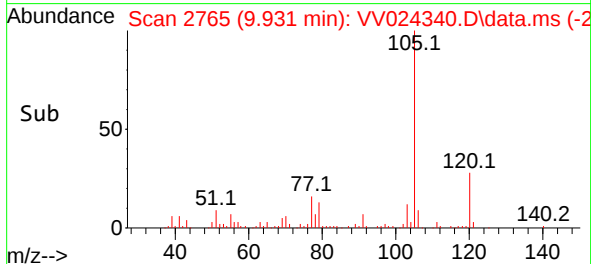
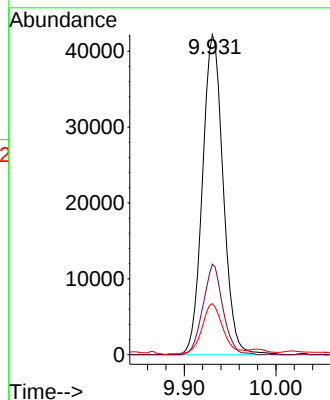
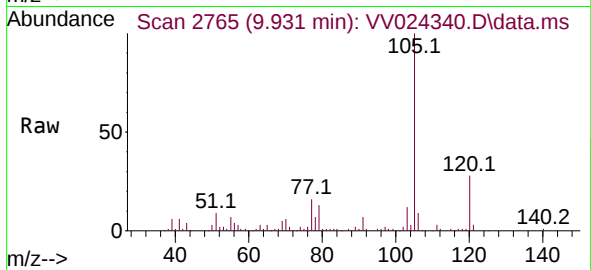




#60
Isopropylbenzene
Concen: 8.452 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

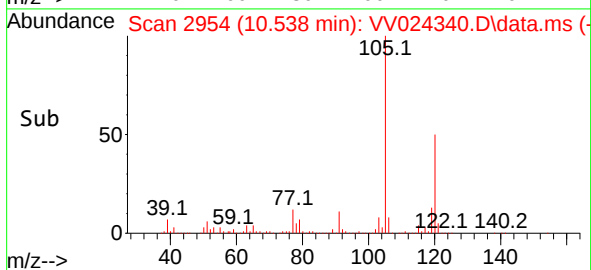
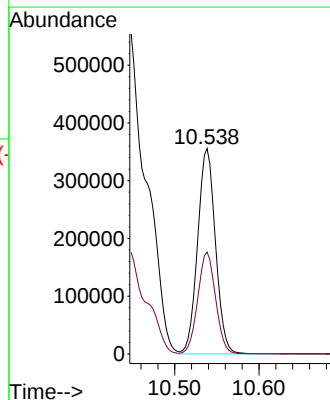
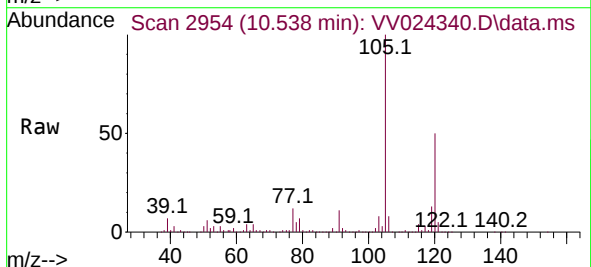
Instrument :
MSVOA_V
ClientSampleId :
BGLN2

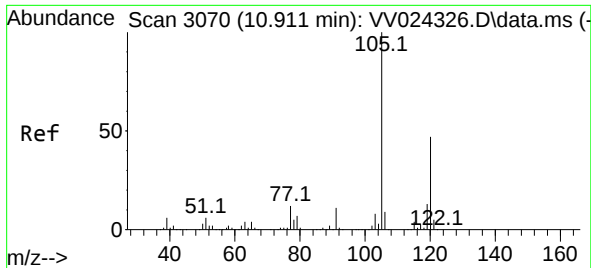
Tgt Ion:105 Resp: 66145
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 15.8 11.9 17.9



#62
1,3,5-Trimethylbenzene
Concen: 77.819 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

Tgt Ion:105 Resp: 523859
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.2

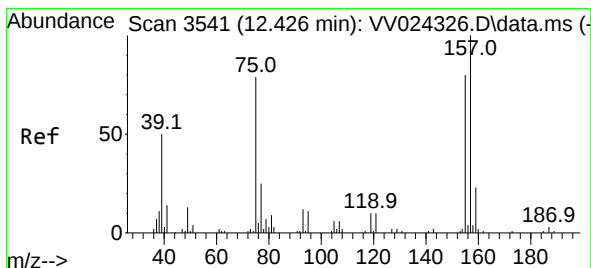
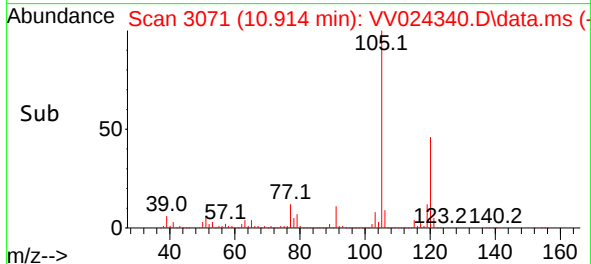
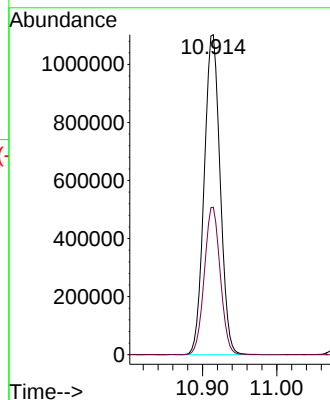
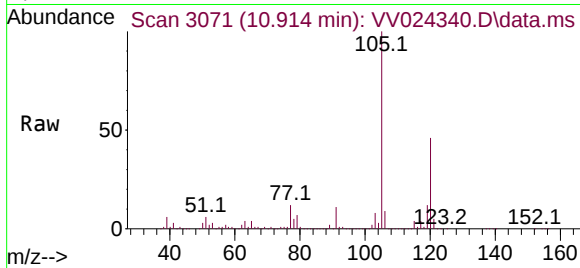




#63
 1,2,4-Trimethylbenzene
 Concen: 244.558 ug/L
 RT: 10.914 min Scan# 3070
 Delta R.T. 0.003 min
 Lab File: VV024340.D
 Acq: 12 Jan 2022 19:10

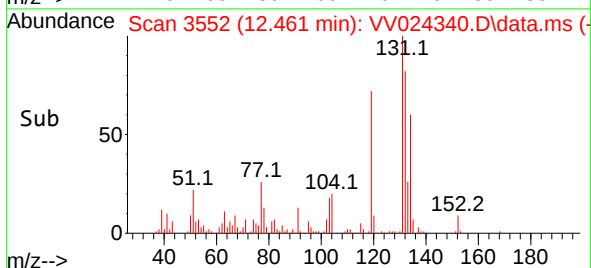
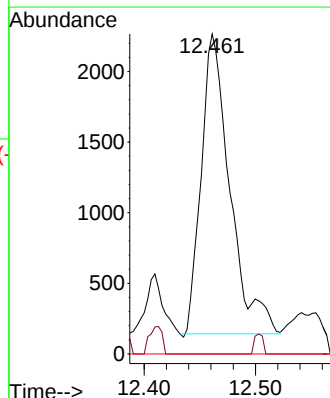
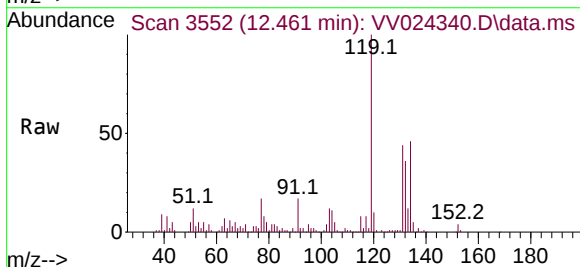
Instrument :
 MSVOA_V
 ClientSampleId :
 BGLN2

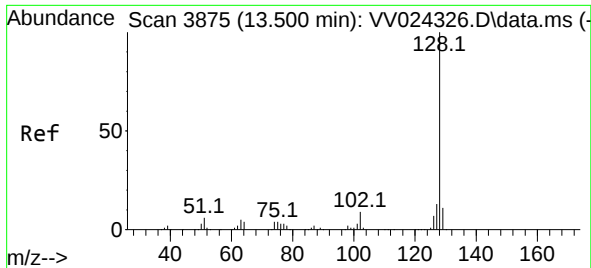
Tgt Ion:105 Resp: 1643560
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.6 55.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 6.332 ug/L
 RT: 12.461 min Scan# 3552
 Delta R.T. 0.035 min
 Lab File: VV024340.D
 Acq: 12 Jan 2022 19:10

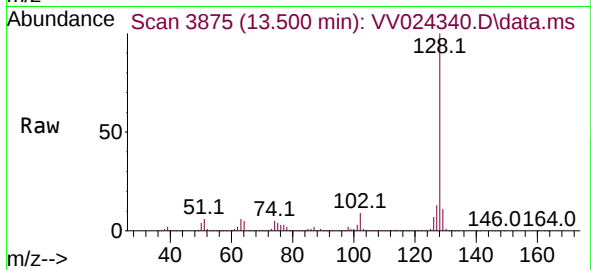
Tgt Ion: 75 Resp: 3787
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.2 109.8#
 157 0.0 98.5 147.7#





#71
Naphthalene
Concen: 131.225 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

Instrument :
MSVOA_V
ClientSampleId :
BGLN2



Tgt Ion:128 Resp: 1007768
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.7 13.1

