

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030306.D
 Acq On : 23 Mar 2023 13:20
 Operator : SY/MD
 Sample : 02041-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB954

Quant Time: Mar 24 02:50:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:42:05 2023
 Response via : Initial Calibration

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

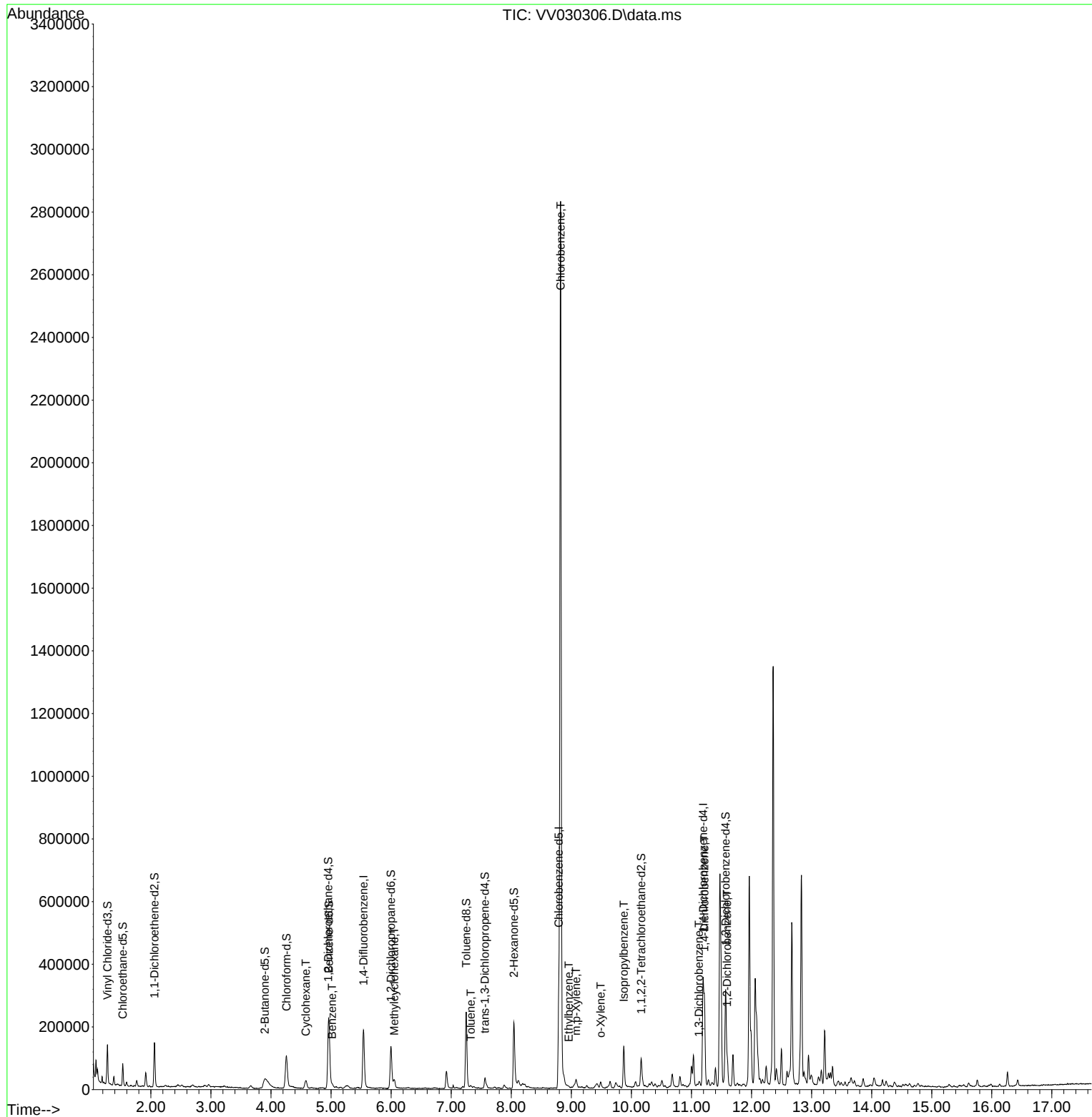
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	157809	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	152918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	83725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44405	4.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.532	69	42044	4.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.060	63	73526	2.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.200%#
20) 2-Butanone-d5	3.899	46	98466	36.449	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.900%
24) Chloroform-d	4.256	84	106757	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.953	65	51333	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	4.963	84	188908	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.998	67	64266	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.249	98	157495	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.561	79	18949	3.731	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.043	63	75413	36.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.900%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43429	4.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	72590	4.851	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
30) Cyclohexane	4.580	56	12556	0.561	ug/L	97
33) Benzene	5.014	78	12046	0.222	ug/L	100
35) Methylcyclohexane	6.053	83	9817	0.427	ug/L	97
42) Toluene	7.326	91	4879	0.084	ug/L	92
51) Chlorobenzene	8.821	112	1430313	38.614	ug/L	98
52) Ethylbenzene	8.956	91	3016	0.048	ug/L	100
53) m,p-Xylene	9.082	106	4185	0.173	ug/L	70
54) o-Xylene	9.487	106	3949	0.170	ug/L	90
60) Isopropylbenzene	9.873	105	78262	1.268	ug/L #	85
64) 1,3-Dichlorobenzene	11.127	146	5172	0.168	ug/L	94
65) 1,4-Dichlorobenzene	11.217	146	103148	3.325	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	10006	0.361	ug/L	95

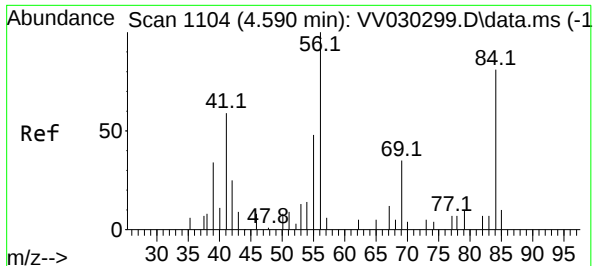
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#30

Cyclohexane

Concen: 0.561 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.013 min

Lab File: VV030306.D

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MSVOA_V

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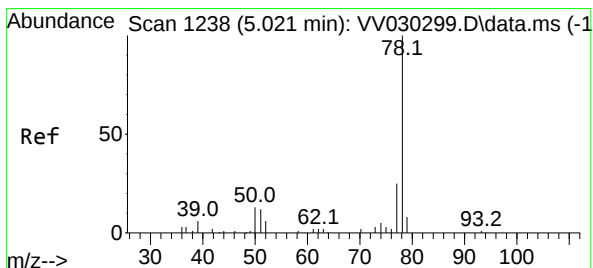
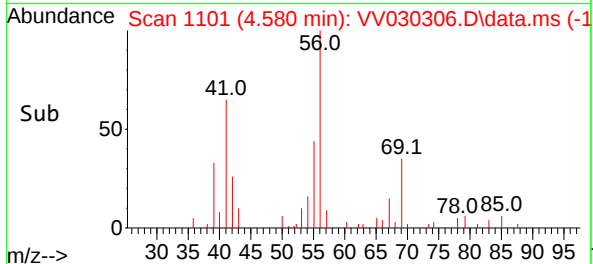
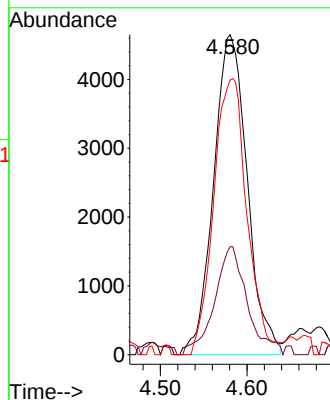
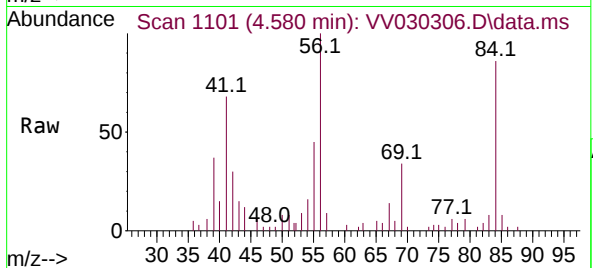
Tgt Ion: 56 Resp: 12556

Ion Ratio Lower Upper

56 100

69 32.8 24.2 36.2

84 85.5 66.6 100.0



#33

Benzene

Concen: 0.222 ug/L

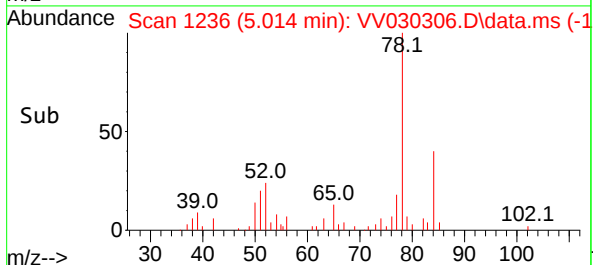
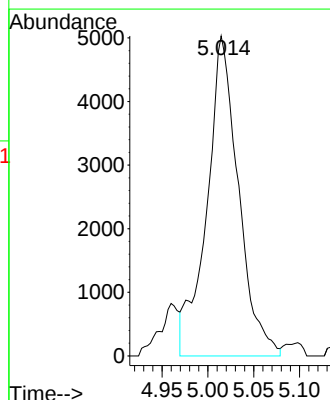
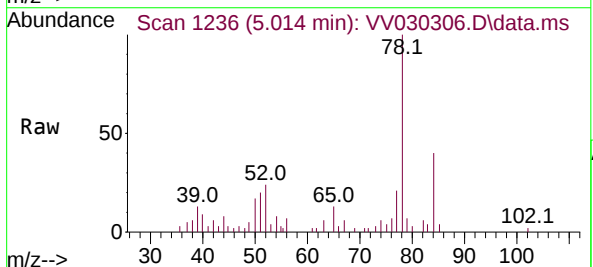
RT: 5.014 min Scan# 1236

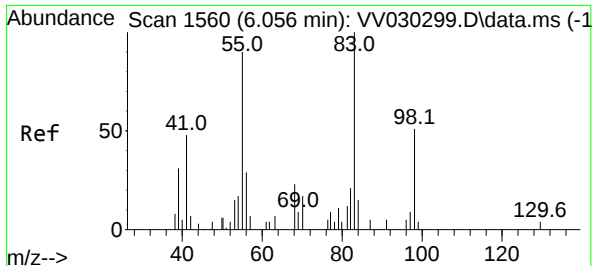
Delta R.T. -0.006 min

Lab File: VV030306.D

Acq: 23 Mar 2023 13:20

Tgt Ion: 78 Resp: 12046

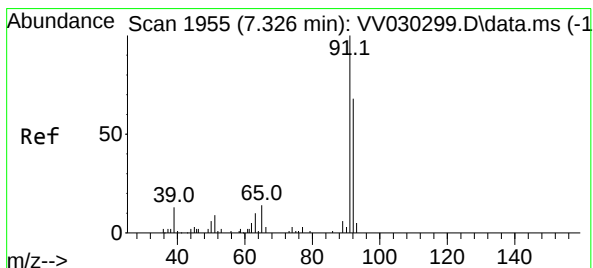
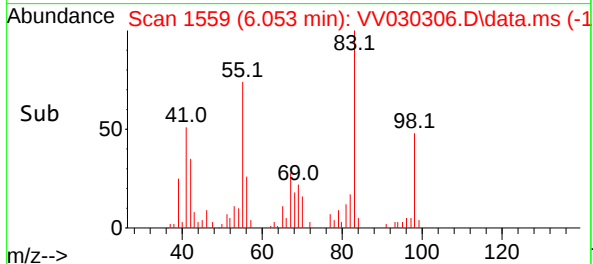
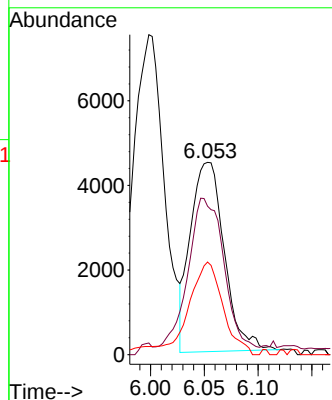
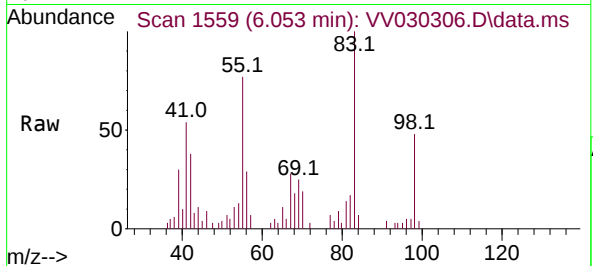




#35
Methylcyclohexane
Concen: 0.427 ug/L
RT: 6.053 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

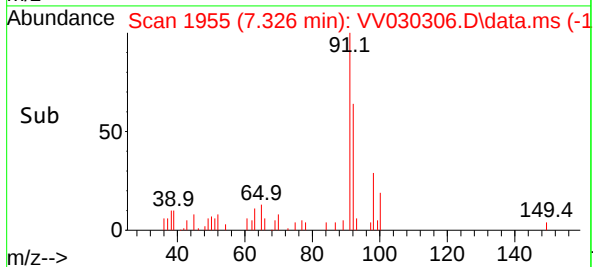
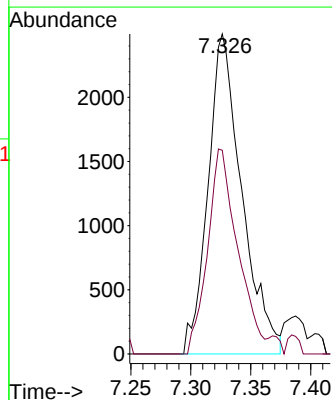
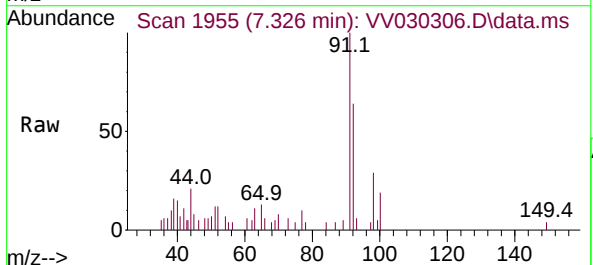
Instrument :
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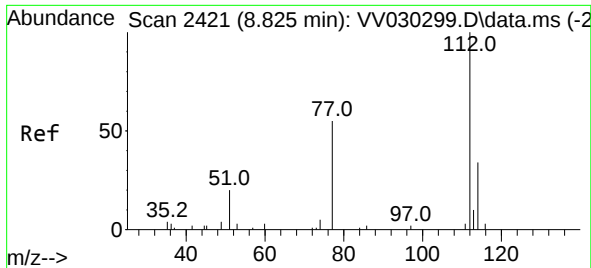
Tgt Ion: 83 Resp: 9817
Ion Ratio Lower Upper
83 100
55 85.2 66.6 100.0
98 52.0 38.6 58.0



#42
Toluene
Concen: 0.084 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.003 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

Tgt Ion: 91 Resp: 4879
Ion Ratio Lower Upper
91 100
92 63.7 40.4 75.0

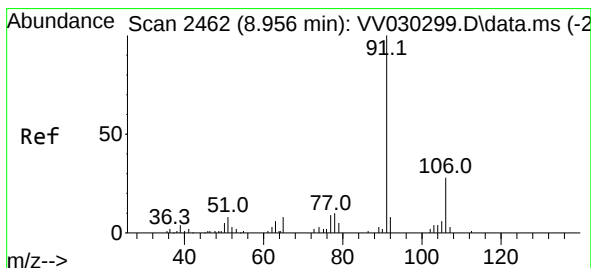
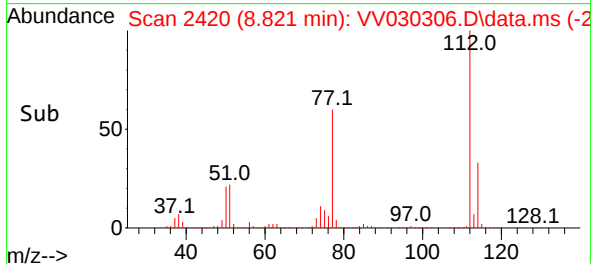
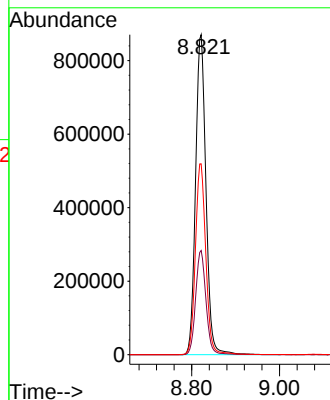
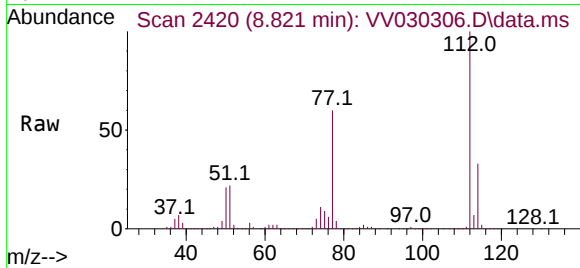




#51
Chlorobenzene
Concen: 38.614 ug/L
RT: 8.821 min Scan# 2421
Delta R.T. -0.000 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

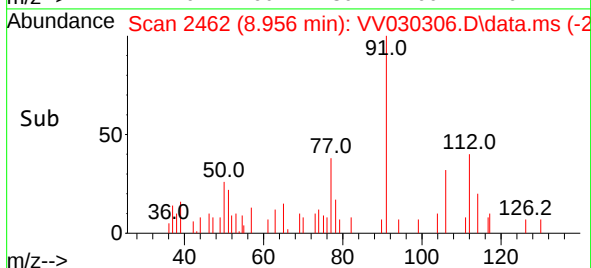
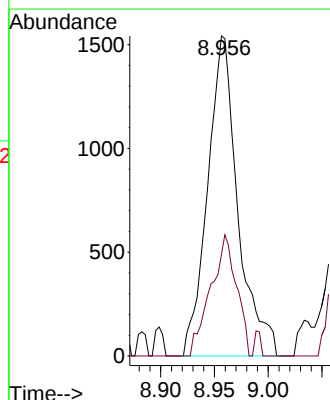
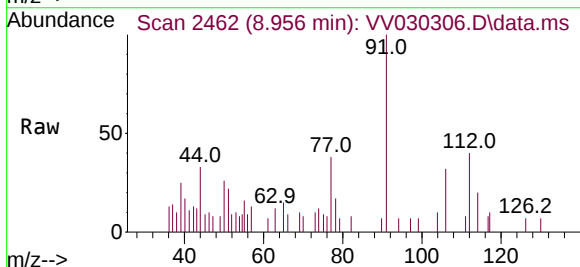
Instrument :
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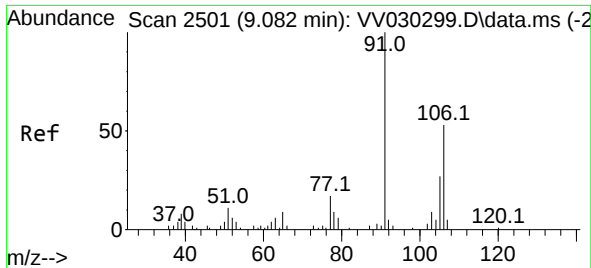
Tgt Ion:112 Resp: 1430313
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 59.7 45.9 68.9



#52
Ethylbenzene
Concen: 0.048 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.003 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

Tgt Ion: 91 Resp: 3016
Ion Ratio Lower Upper
91 100
106 31.8 22.2 41.2

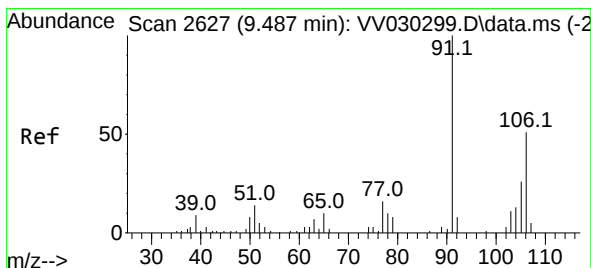
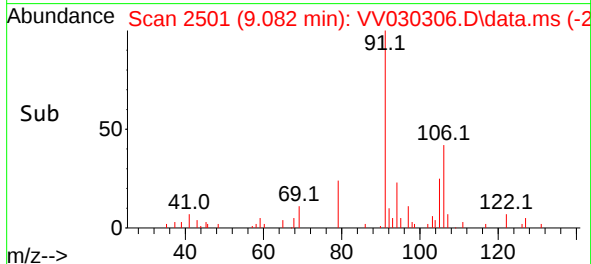
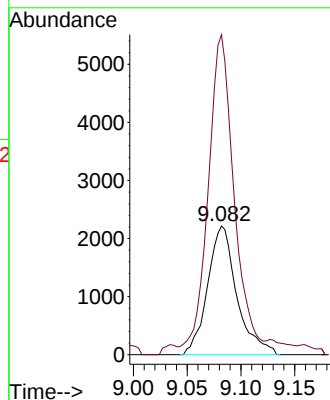
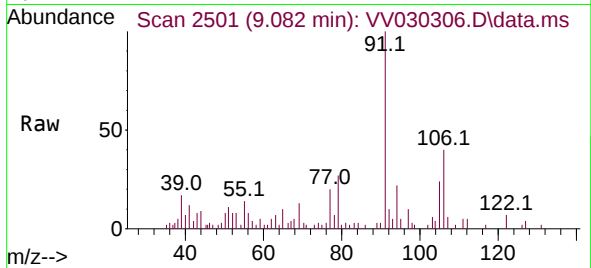




#53
m,p-Xylene
Concen: 0.173 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. -0.000 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

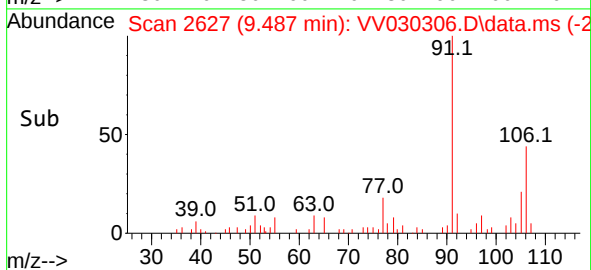
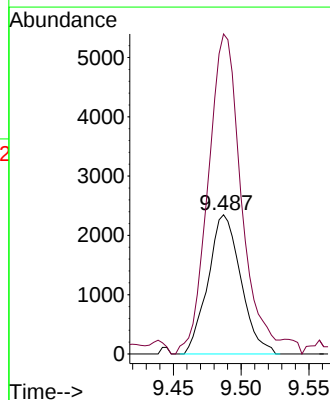
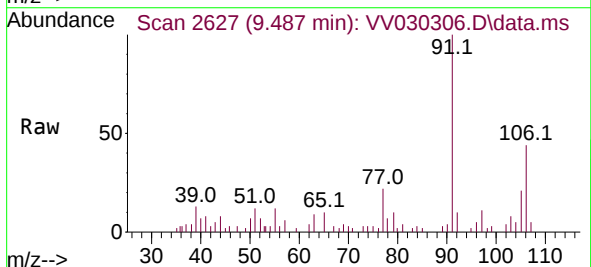
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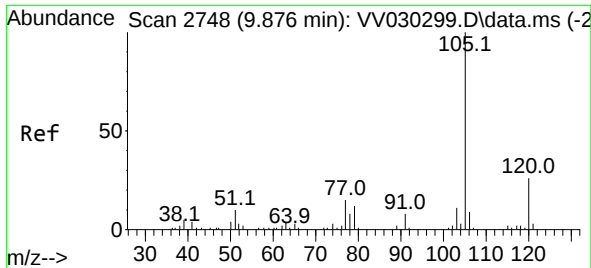
Tgt Ion:106 Resp: 4185
Ion Ratio Lower Upper
106 100
91 248.8 142.4 264.4



#54
o-Xylene
Concen: 0.170 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

Tgt Ion:106 Resp: 3949
Ion Ratio Lower Upper
106 100
91 229.8 149.8 278.2

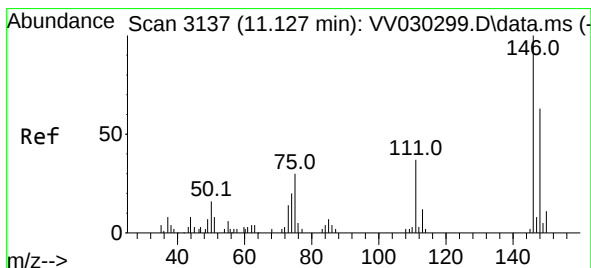
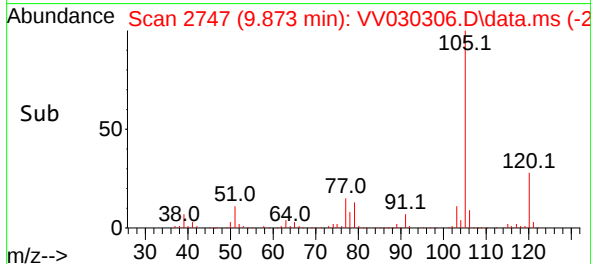
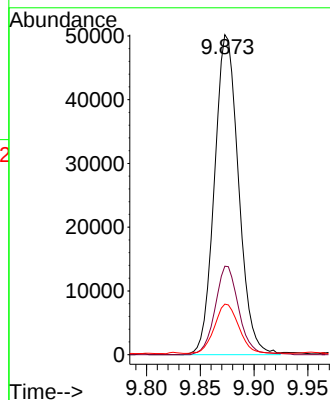
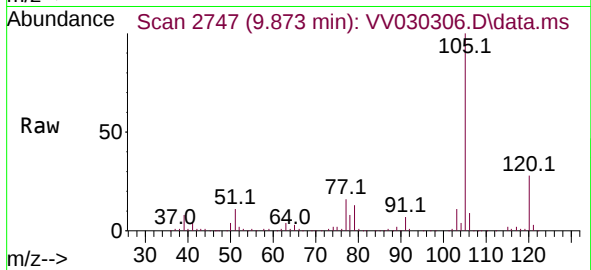




#60
Isopropylbenzene
Concen: 1.268 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

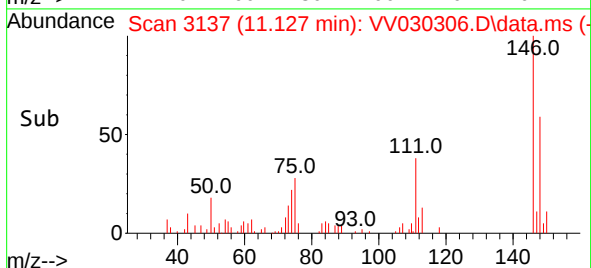
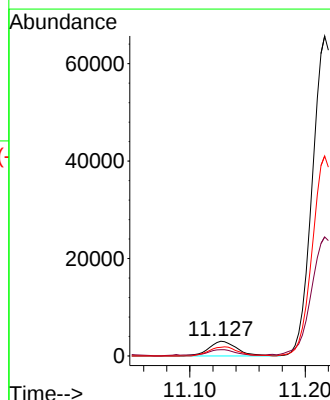
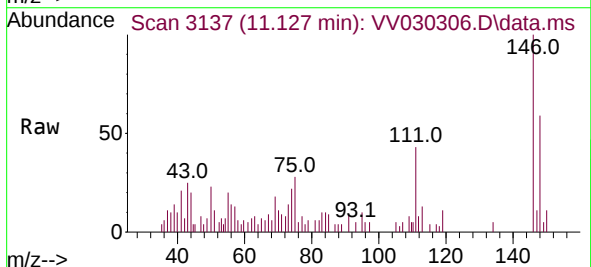
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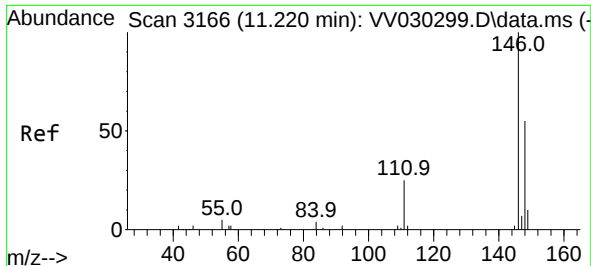
Tgt Ion:105 Resp: 78262
Ion Ratio Lower Upper
105 100
120 27.1 21.1 31.7
77 0.0 12.9 19.3#



#64
1,3-Dichlorobenzene
Concen: 0.168 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

Tgt Ion:146 Resp: 5172
Ion Ratio Lower Upper
146 100
111 42.6 27.0 50.2
148 59.2 44.2 82.2

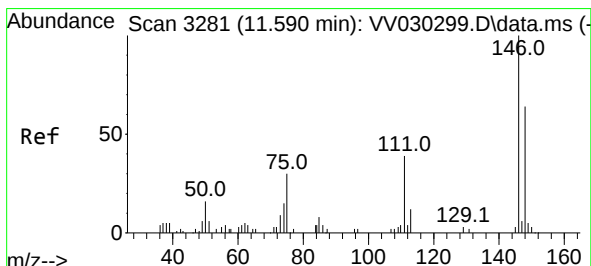
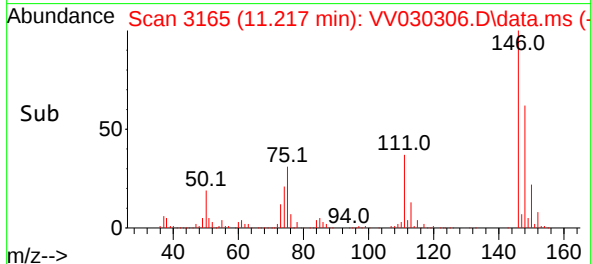
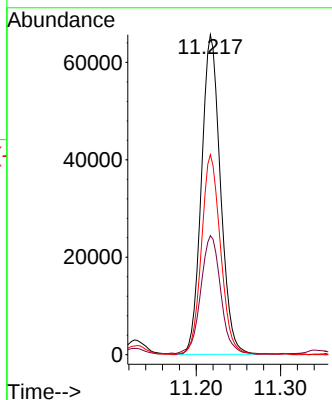
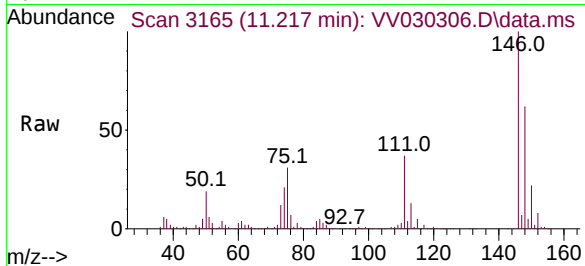




#65
1,4-Dichlorobenzene
Concen: 3.325 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

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Tgt Ion:146 Resp: 103148
Ion Ratio Lower Upper
146 100
111 37.2 26.0 48.4
148 62.5 45.2 84.0



#67
1,2-Dichlorobenzene
Concen: 0.361 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. -0.000 min
Lab File: VV030306.D
Acq: 23 Mar 2023 13:20

Tgt Ion:146 Resp: 10006
Ion Ratio Lower Upper
146 100
111 40.3 33.1 49.7
148 59.7 52.2 78.2

