

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070453.D
 Acq On : 24 Sep 2021 14:28
 Operator : VA/SY
 Sample : M3920-03
 Misc : 7.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-839-R-SO-4-4.5-092321

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Title : SW846 8260

Signal : TIC: VD070453.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.485	93	96	102	rBV2	7475	12307	1.13%	0.164%
2	2.638	117	122	131	rVB8	8976	18949	1.74%	0.252%
3	2.809	149	151	159	rVB3	5773	11682	1.08%	0.156%
4	4.156	368	380	394	rBV2	19363	55664	5.13%	0.741%
5	4.961	505	517	530	rBV4	20961	69507	6.40%	0.925%
6	5.173	546	553	567	rVB5	9588	35252	3.25%	0.469%
7	7.191	887	896	908	rBV3	26716	79613	7.33%	1.060%
8	7.702	974	983	990	rBV4	5293	13935	1.28%	0.186%
9	7.914	1005	1019	1024	rBV2	203790	498974	45.95%	6.643%
10	7.973	1024	1029	1039	rVB	301170	674889	62.15%	8.985%
11	8.326	1081	1089	1099	rVB	193383	445453	41.02%	5.930%
12	8.861	1170	1180	1190	rBV	520818	1027134	94.59%	13.674%
13	10.338	1422	1431	1438	rBV	599233	1085928	100.00%	14.457%
14	10.396	1440	1441	1447	rVB5	9501	11178	1.03%	0.149%
15	11.638	1642	1652	1663	rBV	618727	1082000	99.64%	14.404%
16	11.838	1680	1686	1694	rVB3	27587	53455	4.92%	0.712%
17	12.173	1738	1743	1750	rVB3	19795	32315	2.98%	0.430%
18	12.620	1811	1819	1828	rBV2	621806	1057087	97.34%	14.073%
19	12.949	1870	1875	1879	rBV3	9107	13711	1.26%	0.183%
20	13.561	1973	1979	1986	rBV	368719	620518	57.14%	8.261%
21	13.614	1986	1988	1994	rVB3	11087	15325	1.41%	0.204%
22	13.761	2010	2013	2016	rVV4	14766	24148	2.22%	0.321%
23	13.796	2016	2019	2028	rVB3	20922	36499	3.36%	0.486%
24	13.961	2042	2047	2052	rVB4	8457	13711	1.26%	0.183%
25	14.020	2052	2057	2059	rBV2	13391	22196	2.04%	0.295%
26	14.043	2059	2061	2064	rVV4	12985	19477	1.79%	0.259%
27	14.096	2064	2070	2077	rVB3	46483	100812	9.28%	1.342%
28	14.208	2084	2089	2096	rVB9	7965	14268	1.31%	0.190%
29	14.343	2106	2112	2120	rBV4	13529	25105	2.31%	0.334%
30	14.426	2120	2126	2129	rVV2	35200	52950	4.88%	0.705%
31	14.467	2129	2133	2137	rVV	51015	81905	7.54%	1.090%
32	14.514	2137	2141	2144	rVV3	11063	18256	1.68%	0.243%
33	14.696	2168	2172	2176	rVB3	12695	17914	1.65%	0.238%
34	14.808	2184	2191	2197	rBV3	32132	70615	6.50%	0.940%
35	15.084	2231	2238	2246	rBV4	11864	26953	2.48%	0.359%
36	15.184	2251	2255	2259	rBV6	6641	11065	1.02%	0.147%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Title : SW846 8260

37	15.384	2283	2289	2296	rVB2	33884	60886	5.61%	0.811%
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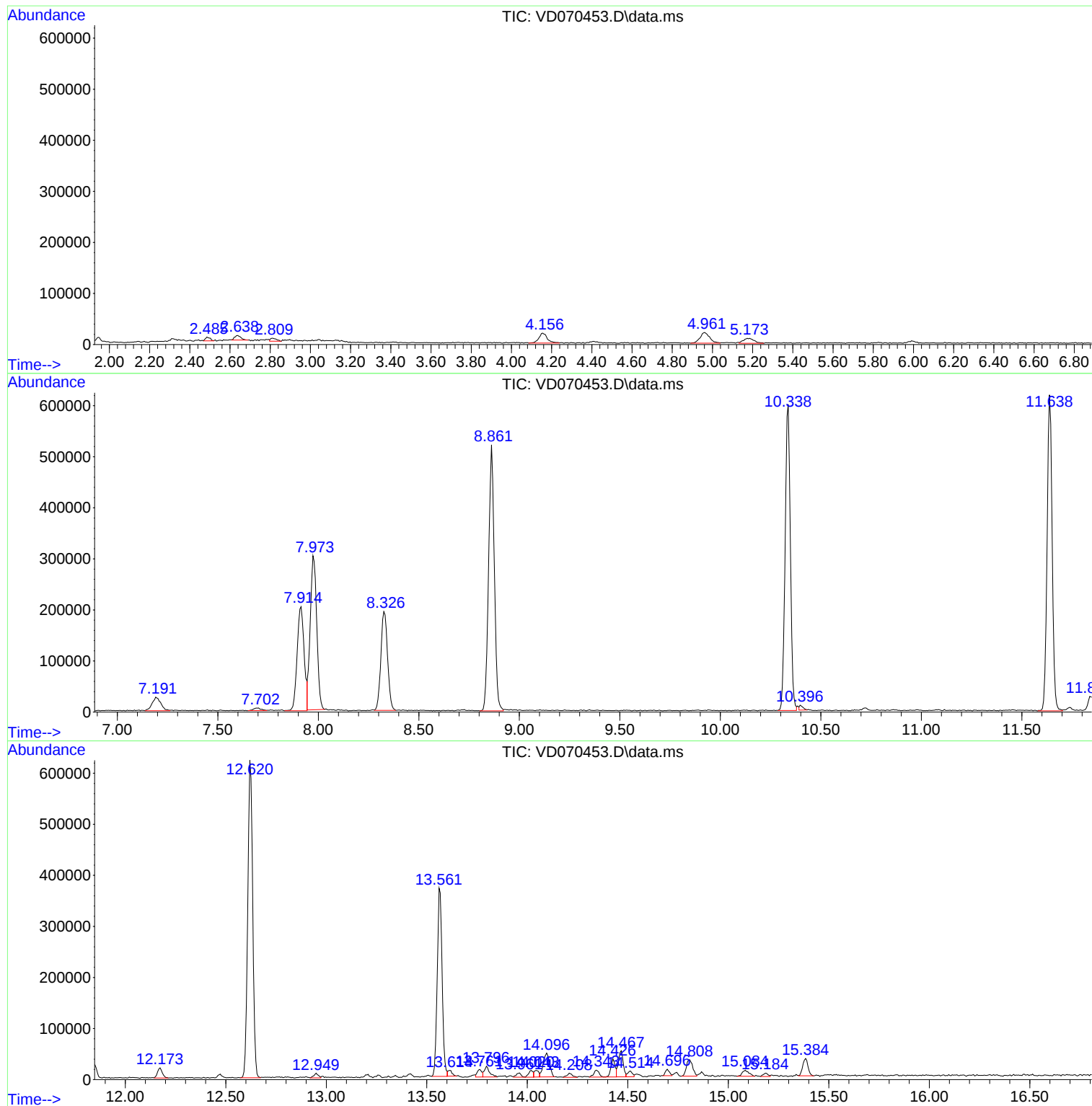
Sum of corrected areas: 7511636

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_D
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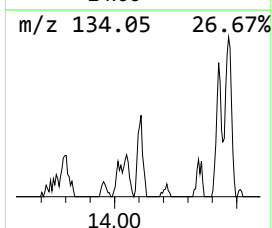
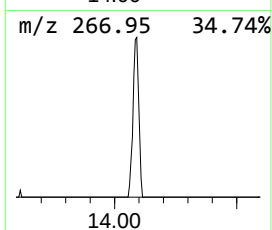
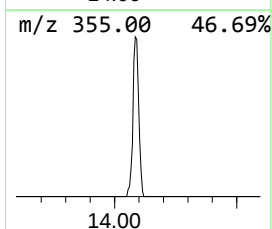
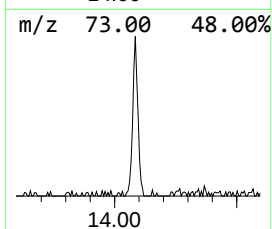
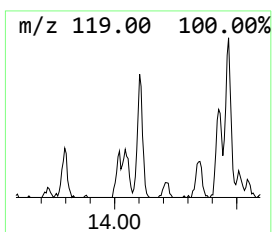
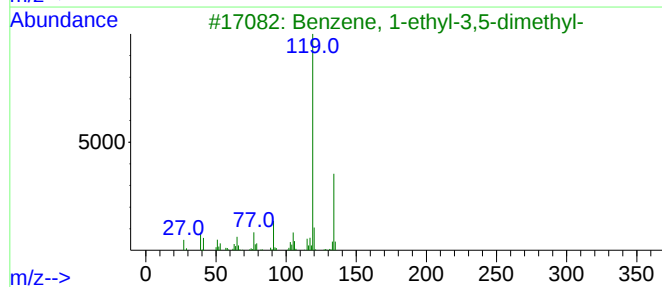
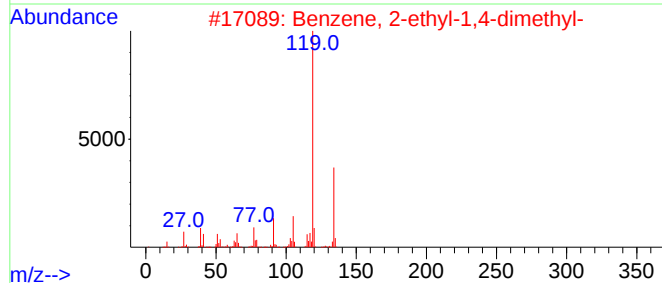
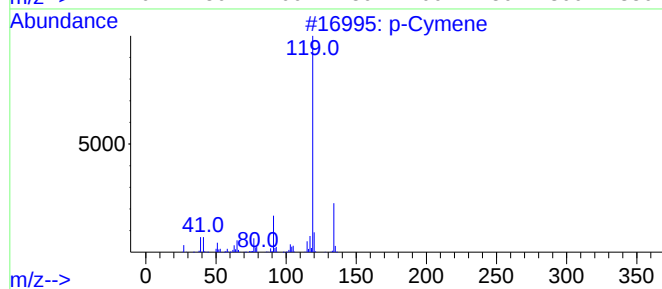
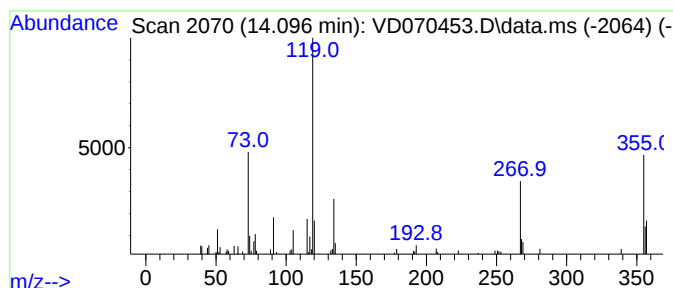
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 p-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.096	8.12 ug/l	100812	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	50
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
4			o-Cymene	134	C10H14	000527-84-4	45
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	45



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-839-R-SO-4-4.5-092321

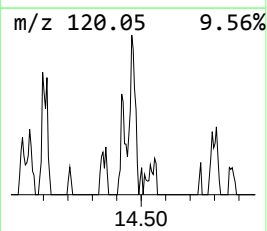
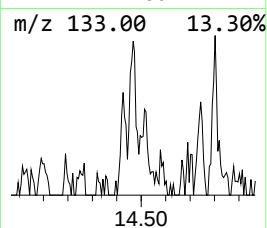
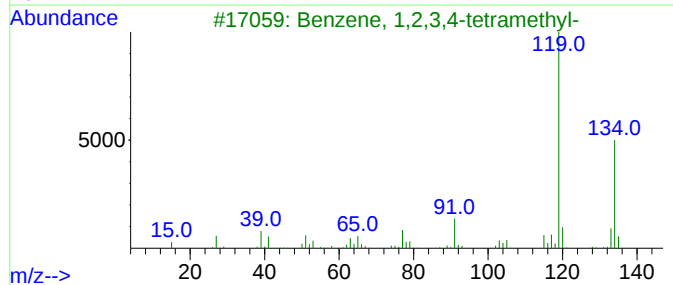
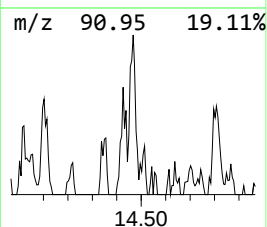
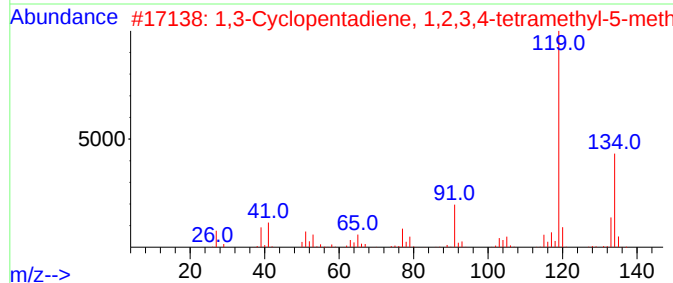
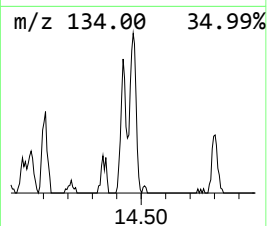
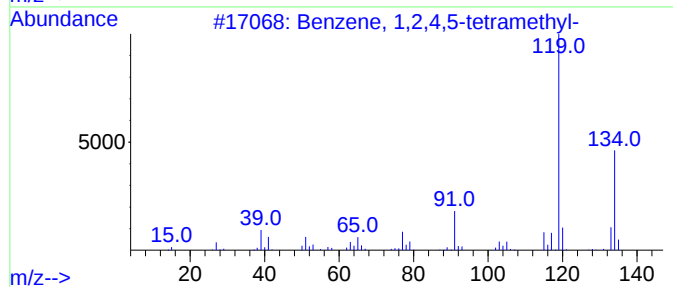
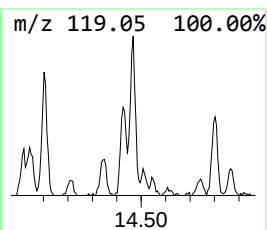
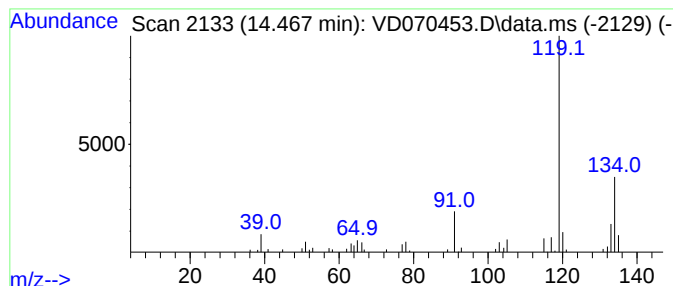
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
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Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.467	6.60 ug/l	81905	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



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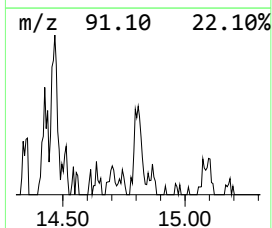
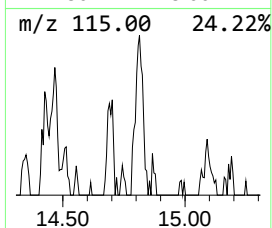
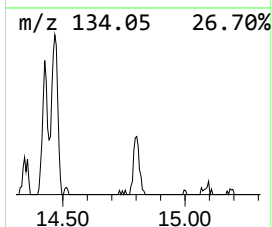
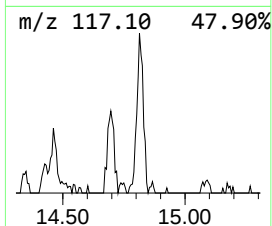
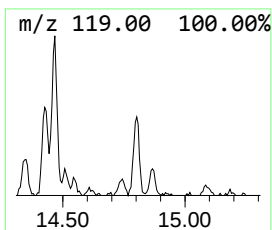
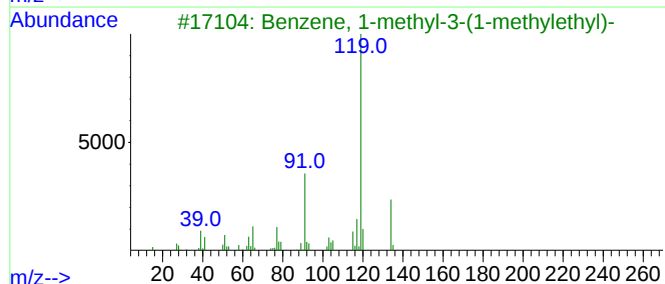
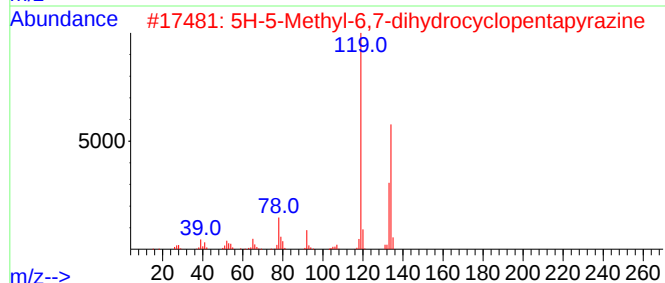
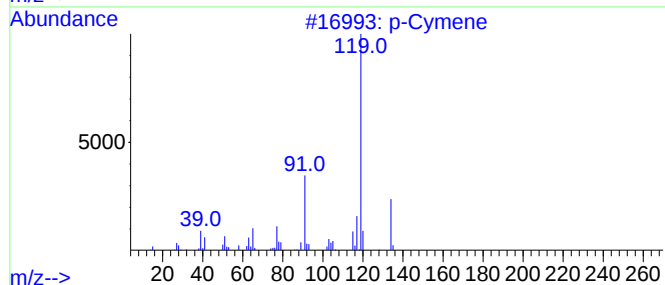
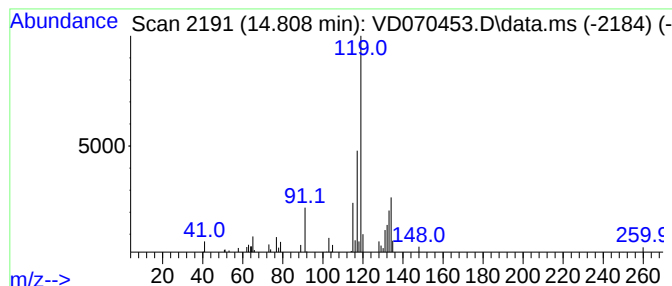
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.808 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.808	5.69 ug/l	70615	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	49
2			5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	47
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
4			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	46
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
p-Cymene	14.096	8.1	ug/l	100812	4	13.561	620518	50.0
Benzene, 1,2,4,...	14.467	6.6	ug/l	81905	4	13.561	620518	50.0
unknown14.808	14.808	5.7	ug/l	70615	4	13.561	620518	50.0