

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071777.D
 Acq On : 02 Apr 2022 01:46
 Operator : JC\MD
 Sample : N2222-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

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_N\methods\82N033022W.M
 Title : SW846 8260

Signal : TIC: VN071777.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	36	43	47	rBV2	57256	145857	4.36%	0.544%
2	3.134	187	195	206	rVB6	13923	40040	1.20%	0.149%
3	3.999	334	342	351	rBV2	22008	57601	1.72%	0.215%
4	4.569	428	439	455	rBV	22688	80915	2.42%	0.302%
5	5.193	535	545	559	rVV4	25683	93133	2.78%	0.347%
6	5.610	605	616	627	rBV3	23506	83568	2.50%	0.312%
7	6.610	776	786	794	rBV7	13094	42203	1.26%	0.157%
8	7.145	864	877	886	rBV3	46302	139191	4.16%	0.519%
9	7.692	957	970	978	rBV7	10589	37422	1.12%	0.140%
10	7.845	988	996	1002	rVB5	18449	43415	1.30%	0.162%
11	8.022	1015	1026	1031	rBV	394207	977277	29.19%	3.645%
12	8.087	1031	1037	1047	rVB	779819	1792154	53.53%	6.684%
13	8.445	1087	1098	1109	rBV3	557940	1717649	51.31%	6.407%
14	8.587	1115	1122	1128	rBV4	30810	68417	2.04%	0.255%
15	8.963	1177	1186	1198	rBV	1154183	2407693	71.92%	8.980%
16	9.245	1228	1234	1239	rVB3	21656	44862	1.34%	0.167%
17	9.457	1266	1270	1277	rVB4	22755	42761	1.28%	0.159%
18	9.798	1321	1328	1331	rBV6	25248	54996	1.64%	0.205%
19	9.828	1331	1333	1338	rVV4	27195	41954	1.25%	0.156%
20	9.969	1349	1357	1361	rBV2	25950	49068	1.47%	0.183%
21	10.010	1361	1364	1371	rVB6	18688	36388	1.09%	0.136%
22	10.192	1389	1395	1410	rBV3	26323	65792	1.97%	0.245%
23	10.322	1410	1417	1424	rBV2	42057	80583	2.41%	0.301%
24	10.439	1429	1437	1445	rBV	1802349	3347806	100.00%	12.487%
25	10.498	1445	1447	1460	rVV2	40429	81143	2.42%	0.303%
26	10.639	1463	1471	1478	rVV	139341	257675	7.70%	0.961%
27	10.710	1478	1483	1490	rVB	138835	241771	7.22%	0.902%
28	10.851	1500	1507	1517	rVB	35070	73969	2.21%	0.276%
29	11.739	1650	1658	1670	rBV	1726964	3085790	92.17%	11.510%
30	11.839	1670	1675	1685	rVB	96496	176998	5.29%	0.660%
31	11.957	1685	1695	1705	rBV	67826	131062	3.91%	0.489%
32	12.275	1741	1749	1760	rBV	419476	727771	21.74%	2.714%
33	12.574	1794	1800	1806	rBV	80845	133137	3.98%	0.497%
34	12.727	1818	1826	1837	rBV	1285468	2183193	65.21%	8.143%
35	12.916	1852	1858	1865	rBV2	43482	77870	2.33%	0.290%
36	13.010	1865	1874	1878	rVV2	21691	43865	1.31%	0.164%

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Peak Location: TOP

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

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37	13.216	1902	1909	1920	rBV	434215	714895	21.35%	2.666%
38	13.369	1929	1935	1940	rVB	38061	65210	1.95%	0.243%
39	13.498	1948	1957	1963	rBV3	69526	161647	4.83%	0.603%
40	13.669	1979	1986	1999	rBV2	1374733	3127618	93.42%	11.666%
41	13.769	1999	2003	2009	rVB	25845	40509	1.21%	0.151%
42	13.833	2009	2014	2016	rBV2	31446	45688	1.36%	0.170%
43	13.874	2016	2021	2026	rVV	158955	271348	8.11%	1.012%
44	13.939	2029	2032	2037	rVB	34847	53055	1.58%	0.198%
45	13.998	2037	2042	2047	rBV2	25881	40941	1.22%	0.153%
46	14.063	2047	2053	2059	rVB2	52253	96636	2.89%	0.360%
47	14.216	2072	2079	2084	rBV	78453	122987	3.67%	0.459%
48	14.321	2091	2097	2105	rVV2	551944	939733	28.07%	3.505%
49	14.457	2113	2120	2125	rBV2	106396	167522	5.00%	0.625%
50	14.533	2125	2133	2144	rVB	259733	444751	13.28%	1.659%
51	14.763	2164	2172	2176	rBV2	25865	46108	1.38%	0.172%
52	14.816	2176	2181	2191	rVV6	26087	58592	1.75%	0.219%
53	14.916	2191	2198	2206	rVV2	295742	641831	19.17%	2.394%
54	14.992	2206	2211	2216	rVB3	33452	58171	1.74%	0.217%
55	15.080	2221	2226	2232	rBV3	37759	61782	1.85%	0.230%
56	15.192	2235	2245	2250	rBV4	71269	144706	4.32%	0.540%
57	15.310	2257	2265	2274	rVB2	103373	266860	7.97%	0.995%
58	15.504	2291	2298	2304	rBV	240109	445301	13.30%	1.661%
59	15.610	2311	2316	2319	rBV4	20433	37886	1.13%	0.141%
60	15.974	2372	2378	2385	rBV2	22218	51971	1.55%	0.194%

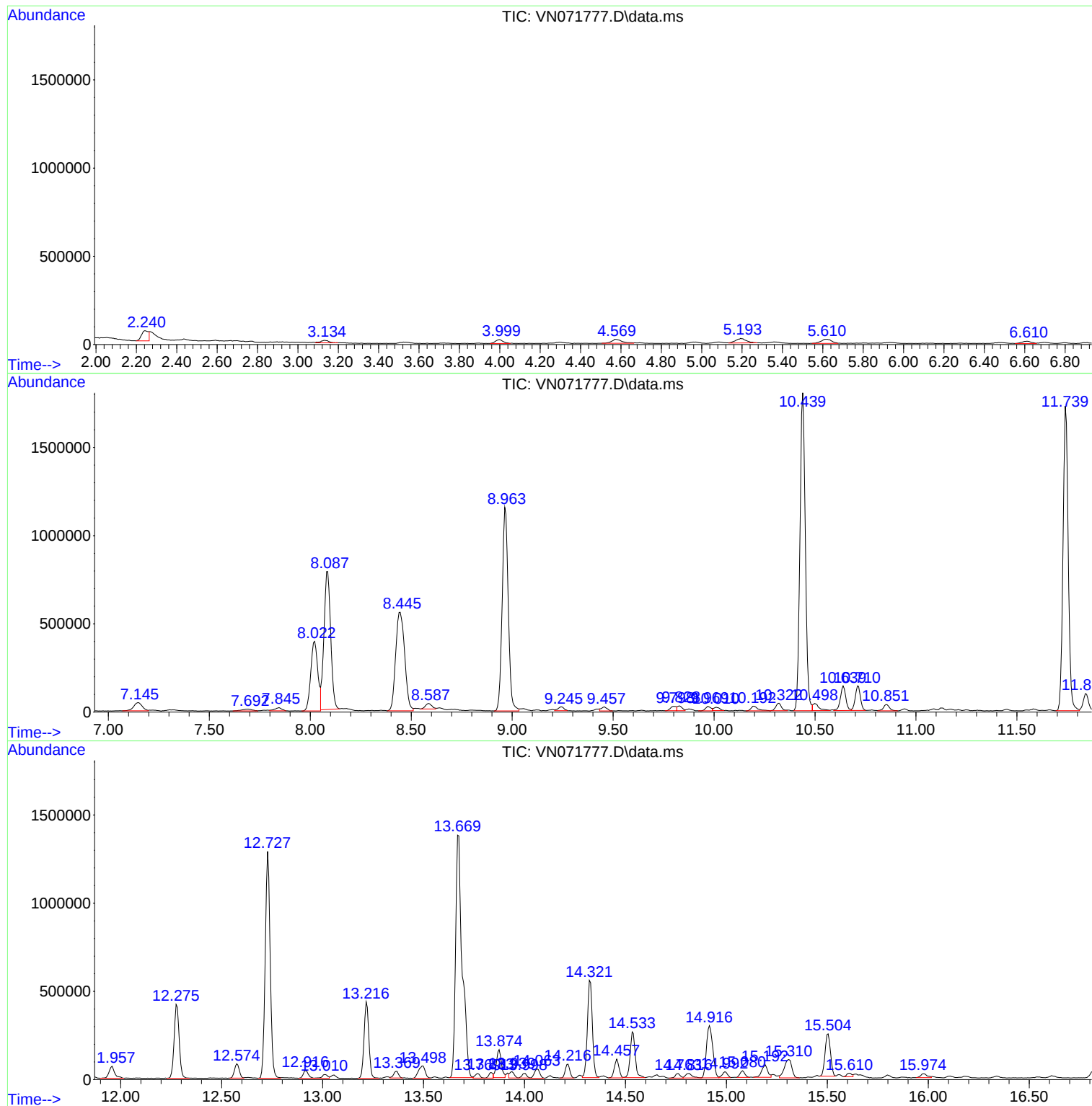
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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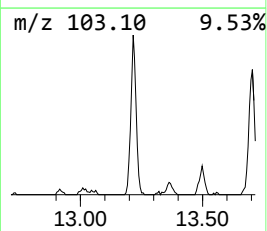
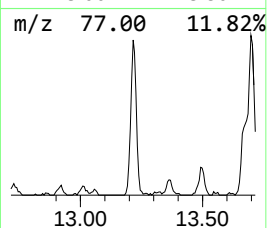
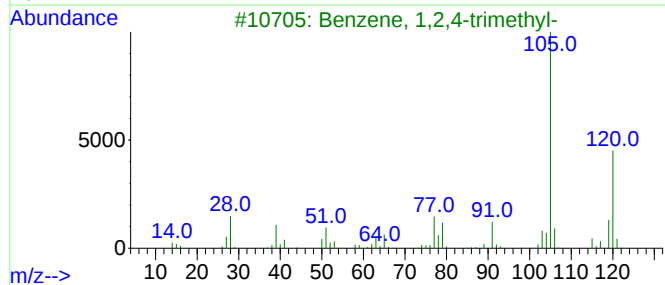
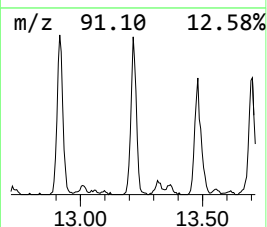
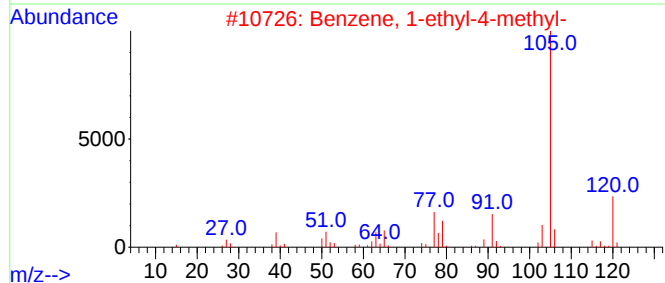
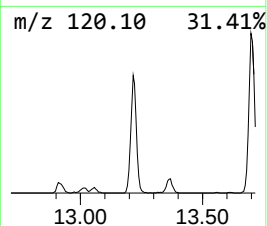
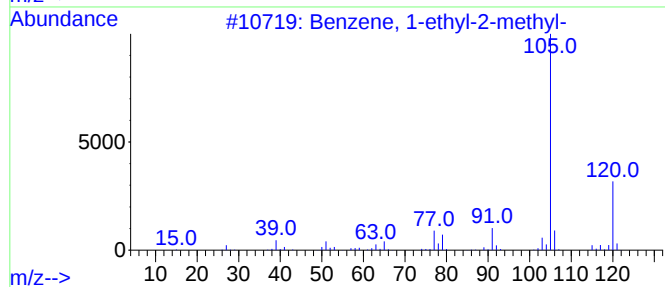
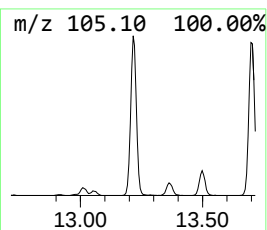
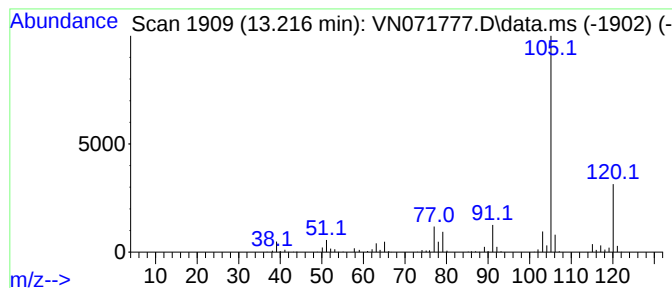
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	11.43 ug/l	714895	1,4-Dichlorobenzene-d4	13.674

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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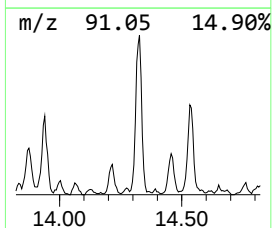
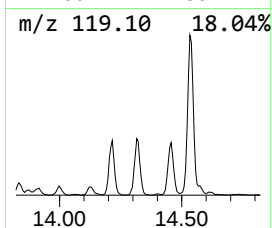
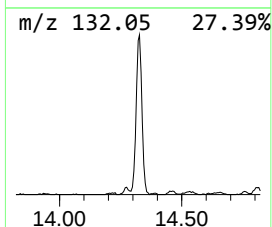
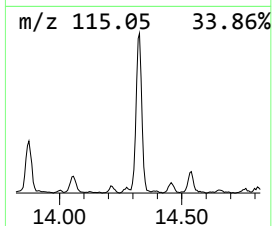
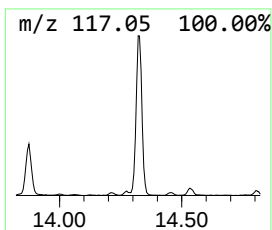
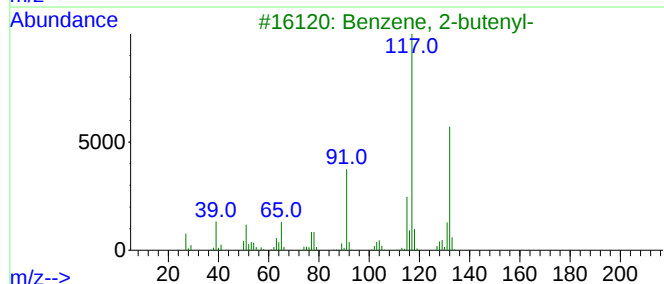
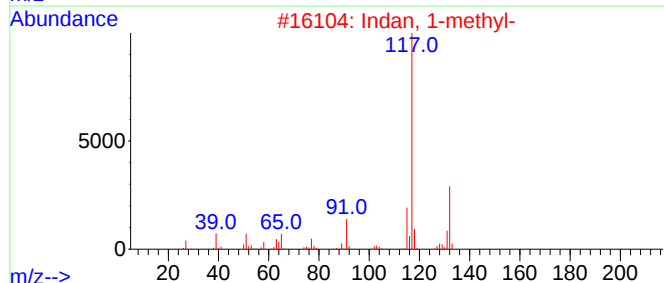
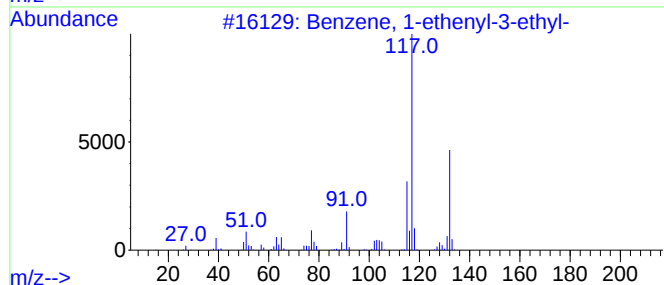
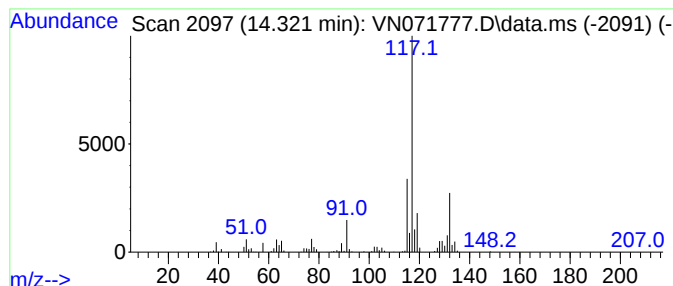
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.321	15.02 ug/l	939733	1,4-Dichlorobenzene-d4	13.674

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
2			Indan, 1-methyl-	132	C10H12	000767-58-8	81
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80



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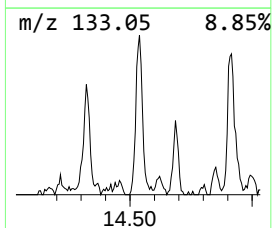
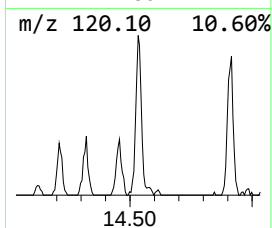
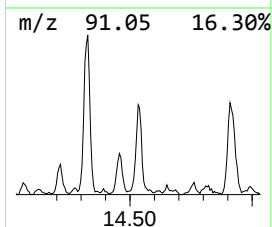
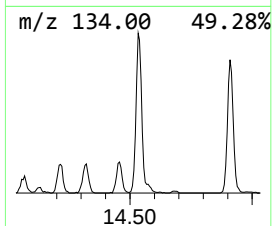
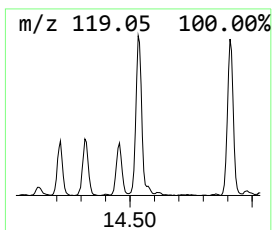
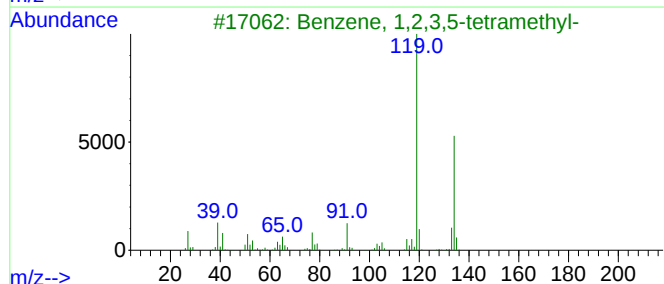
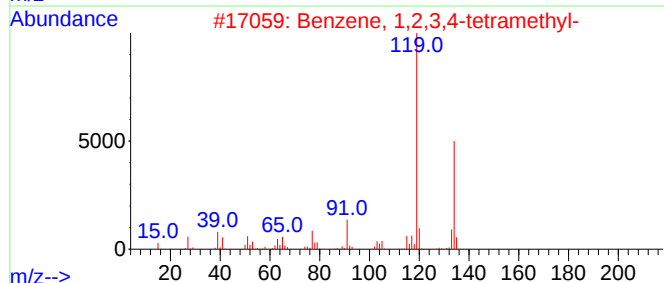
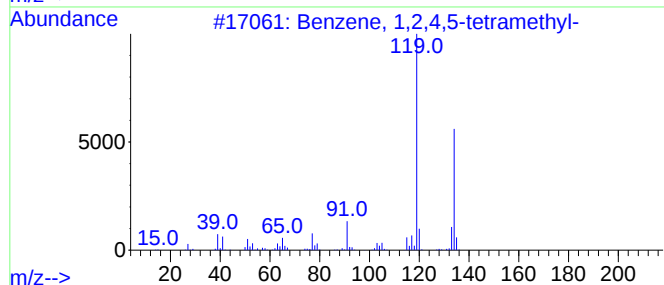
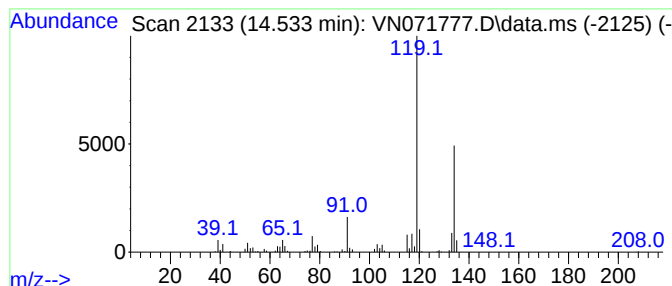
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	7.11 ug/l	444751	1,4-Dichlorobenzene-d4	13.674

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



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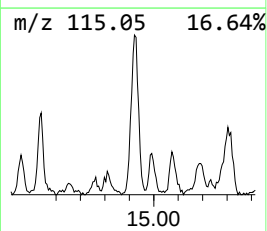
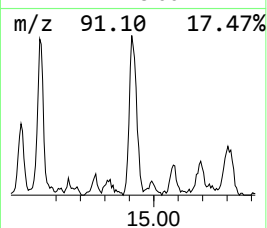
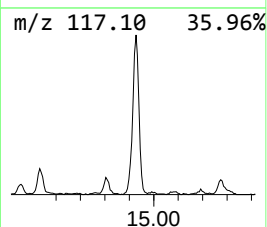
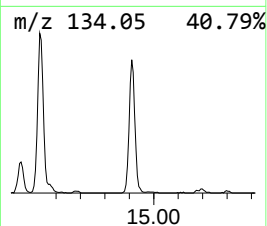
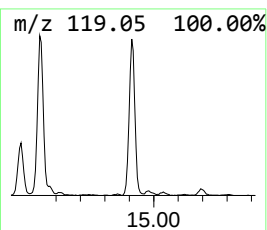
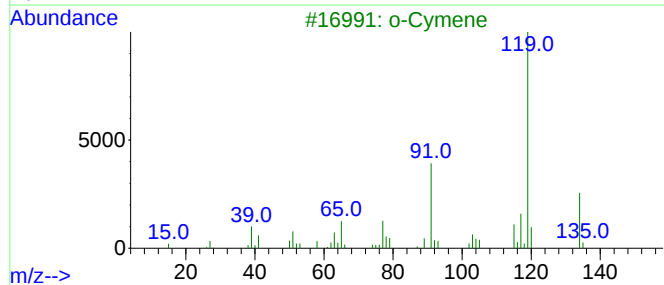
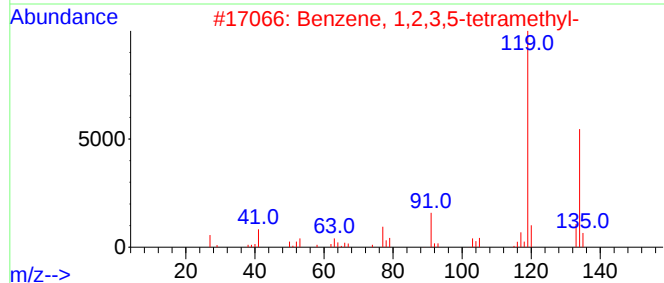
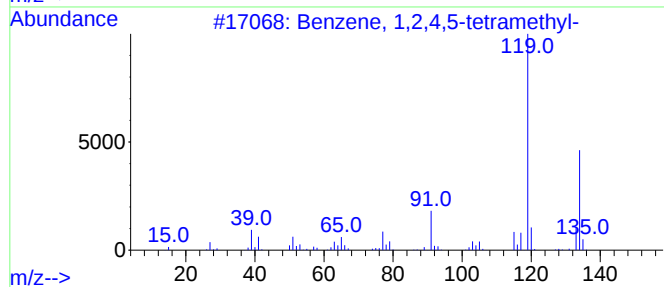
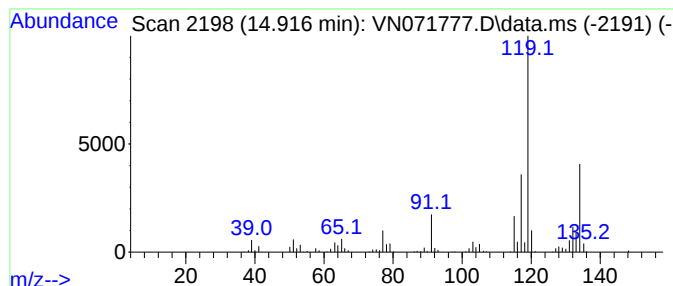
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.916	10.26 ug/l	641831	1,4-Dichlorobenzene-d4	13.674

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3			o-Cymene	134	C10H14	000527-84-4	81
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81



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Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	13.216	11.4	ug/l	714895	4	13.674	3127620	50.0
Benzene, 1-ethe...	14.321	15.0	ug/l	939733	4	13.674	3127620	50.0
Benzene, 1,2,4,...	14.533	7.1	ug/l	444751	4	13.674	3127620	50.0
Benzene, 1,2,3,...	14.916	10.3	ug/l	641831	4	13.674	3127620	50.0