

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006936.D
 Acq On : 04 Dec 2021 13:14
 Operator : SY/MD
 Sample : M4884-06
 Misc : 4.80g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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_Y\methods\SFAMYL120321SMA.M
 Title : VOC Analysis

Signal : TIC: VY006936.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.247	66	70	84	rVB	17215	31669	11.96%	1.374%
2	2.765	149	155	168	rVB	12138	29468	11.13%	1.279%
3	3.667	299	303	304	rBV	317	417	0.16%	0.018%
4	3.747	314	316	320	rVB3	250	229	0.09%	0.010%
5	3.856	324	334	344	rBV2	25992	72573	27.40%	3.149%
6	4.137	375	380	382	rBV2	256	430	0.16%	0.019%
7	4.192	383	389	398	rVB4	2299	6535	2.47%	0.284%
8	4.362	415	417	419	rVB	261	228	0.09%	0.010%
9	4.393	419	422	423	rBV	268	198	0.07%	0.009%
10	4.411	423	425	428	rVB	386	350	0.13%	0.015%
11	4.442	428	430	431	rBV	223	214	0.08%	0.009%
12	4.606	456	457	460	rVV	194	197	0.07%	0.009%
13	4.716	463	475	487	rBV5	10760	34762	13.13%	1.509%
14	4.826	491	493	498	rBV	265	258	0.10%	0.011%
15	4.887	501	503	505	rBV	260	251	0.09%	0.011%
16	5.051	526	530	532	rBV	297	336	0.13%	0.015%
17	5.118	539	541	544	rBV2	189	243	0.09%	0.011%
18	5.326	573	575	578	rBV2	193	202	0.08%	0.009%
19	5.429	591	592	595	rBV	231	191	0.07%	0.008%
20	5.484	600	601	606	rBV2	164	214	0.08%	0.009%
21	5.594	617	619	623	rVB	328	340	0.13%	0.015%
22	5.661	629	630	632	rBV	220	208	0.08%	0.009%
23	5.685	632	634	638	rVB2	228	222	0.08%	0.010%
24	5.746	638	644	654	rBV5	1755	4843	1.83%	0.210%
25	5.880	664	666	667	rBV5	332	209	0.08%	0.009%
26	6.106	698	703	704	rBV	270	306	0.12%	0.013%
27	6.185	713	716	719	rBV2	216	206	0.08%	0.009%
28	6.216	719	721	722	rBV2	201	206	0.08%	0.009%
29	6.301	730	735	738	rBV	296	450	0.17%	0.020%
30	6.344	740	742	747	rVV3	282	488	0.18%	0.021%
31	6.417	751	754	755	rBV3	195	200	0.08%	0.009%
32	6.466	760	762	764	rVV2	228	254	0.10%	0.011%
33	6.594	781	783	785	rVB	356	273	0.10%	0.012%
34	6.618	785	787	791	rBV	184	321	0.12%	0.014%
35	6.704	797	801	803	rBV2	229	268	0.10%	0.012%
36	6.758	809	810	812	rVB	296	202	0.08%	0.009%

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 Title : VOC Analysis

37	6.795	812	816	818	rBV2	468	701	0.26%	0.030%
38	6.886	823	831	840	rBV	11003	32746	12.37%	1.421%
39	7.289	895	897	899	rBV2	200	232	0.09%	0.010%
40	7.338	902	905	906	rBV2	373	379	0.14%	0.016%
41	7.405	915	916	918	rBV2	366	288	0.11%	0.012%
42	7.484	918	929	940	rVV	37264	94834	35.81%	4.115%
43	7.655	952	957	961	rBV	441	825	0.31%	0.036%
44	7.722	965	968	970	rBB	330	341	0.13%	0.015%
45	7.746	970	972	973	rBV	548	389	0.15%	0.017%
46	7.844	987	988	991	rBV2	307	320	0.12%	0.014%
47	7.917	996	1000	1003	rVB2	320	460	0.17%	0.020%
48	7.941	1003	1004	1006	rBV2	498	316	0.12%	0.014%
49	7.965	1006	1008	1012	rBV2	239	225	0.08%	0.010%
50	8.112	1023	1032	1048	rBV3	78616	242567	91.60%	10.526%
51	8.240	1048	1053	1057	rBV3	1459	2779	1.05%	0.121%
52	8.581	1107	1109	1114	rVB	359	402	0.15%	0.017%
53	8.636	1114	1118	1119	rBV	347	421	0.16%	0.018%
54	8.691	1119	1127	1136	rVV	138442	264820	100.00%	11.492%
55	8.758	1136	1138	1139	rVB	270	197	0.07%	0.009%
56	8.776	1139	1141	1145	rBV2	291	452	0.17%	0.020%
57	8.874	1155	1157	1159	rBV	241	232	0.09%	0.010%
58	8.959	1169	1171	1174	rBV2	238	345	0.13%	0.015%
59	9.020	1179	1181	1183	rBV	263	312	0.12%	0.014%
60	9.124	1188	1198	1207	rBV	50706	102774	38.81%	4.460%
61	9.295	1221	1226	1227	rVB2	226	254	0.10%	0.011%
62	9.459	1252	1253	1258	rBV	179	221	0.08%	0.010%
63	9.520	1258	1263	1265	rVV2	553	654	0.25%	0.028%
64	9.551	1265	1268	1269	rVV	198	232	0.09%	0.010%
65	9.587	1272	1274	1277	rBV2	265	376	0.14%	0.016%
66	9.612	1277	1278	1281	rVB2	311	200	0.08%	0.009%
67	9.666	1285	1287	1289	rBV2	238	216	0.08%	0.009%
68	9.746	1295	1300	1304	rBV2	367	657	0.25%	0.029%
69	9.892	1318	1324	1332	rVB2	29306	50376	19.02%	2.186%
70	10.069	1349	1353	1357	rBV4	1004	1686	0.64%	0.073%
71	10.178	1365	1371	1378	rVV	90355	152103	57.44%	6.601%
72	10.239	1378	1381	1387	rVB	2879	4464	1.69%	0.194%
73	10.374	1401	1403	1407	rVB	529	586	0.22%	0.025%
74	10.441	1407	1414	1421	rVB2	19641	32537	12.29%	1.412%
75	10.502	1421	1424	1428	rVB2	222	311	0.12%	0.013%
76	10.575	1428	1436	1445	rBV	28001	51482	19.44%	2.234%

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77	10.788	1464	1471	1479	rBV	38740	61975	23.40%	2.689%
78	10.947	1491	1497	1506	rBV2	19185	33955	12.82%	1.473%
79	11.038	1510	1512	1515	rVB3	1510	1570	0.59%	0.068%
80	11.319	1550	1558	1566	rVB2	24401	41110	15.52%	1.784%
81	11.489	1579	1586	1596	rVB	162540	261934	98.91%	11.367%
82	11.587	1599	1602	1607	rBV5	567	990	0.37%	0.043%
83	11.697	1616	1620	1624	rBV3	1326	2261	0.85%	0.098%
84	12.020	1671	1673	1674	rBV2	1078	874	0.33%	0.038%
85	12.245	1708	1710	1711	rBV	427	229	0.09%	0.010%
86	12.331	1720	1724	1727	rBV4	1468	2250	0.85%	0.098%
87	12.489	1744	1750	1756	rVV	121841	202360	76.41%	8.781%
88	12.556	1756	1761	1768	rVB	43097	69383	26.20%	3.011%
89	12.757	1792	1794	1796	rBV2	586	453	0.17%	0.020%
90	12.818	1798	1804	1812	rVB2	10291	15497	5.85%	0.672%
91	13.184	1859	1864	1869	rVB2	10805	15951	6.02%	0.692%
92	13.282	1872	1880	1884	rBV5	2024	3828	1.45%	0.166%
93	13.422	1897	1903	1909	rBV	122358	191814	72.43%	8.324%
94	13.525	1917	1920	1924	rVB3	2476	3078	1.16%	0.134%
95	13.641	1935	1939	1943	rBV5	2338	3711	1.40%	0.161%
96	13.721	1947	1952	1959	rVB	72008	110884	41.87%	4.812%
97	13.964	1986	1992	1998	rVB2	16685	28007	10.58%	1.215%
98	14.153	2021	2023	2025	rBV	546	483	0.18%	0.021%
99	15.232	2196	2200	2207	rVB2	7203	12178	4.60%	0.528%
100	15.312	2210	2213	2222	rVB3	4609	7955	3.00%	0.345%

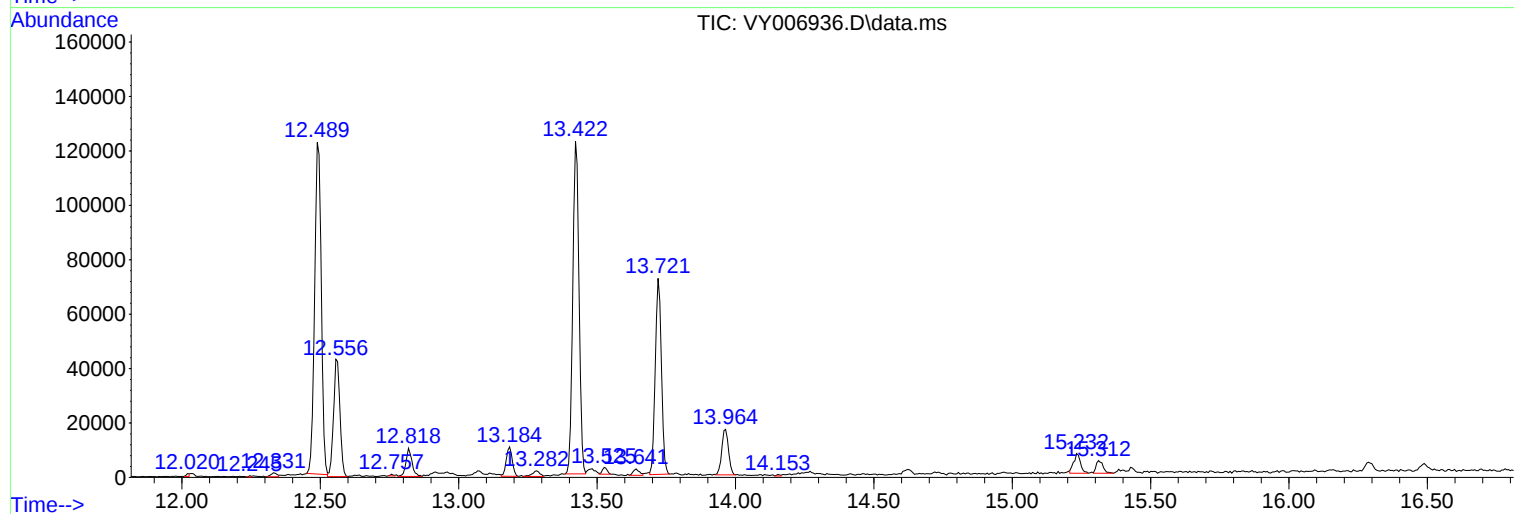
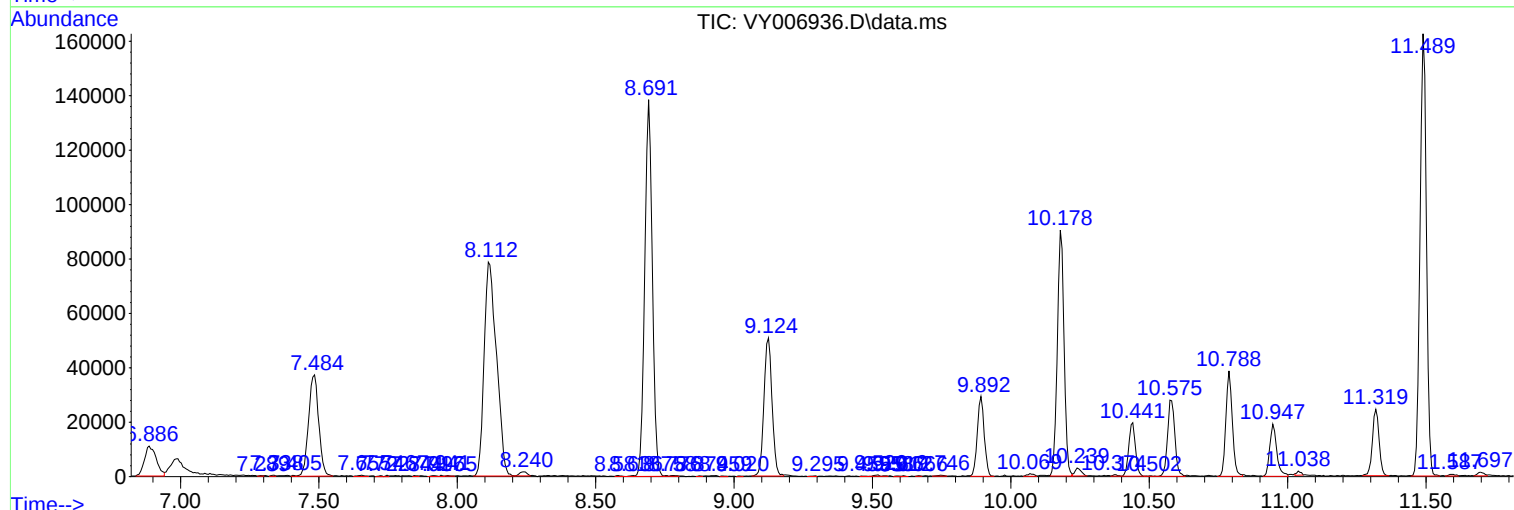
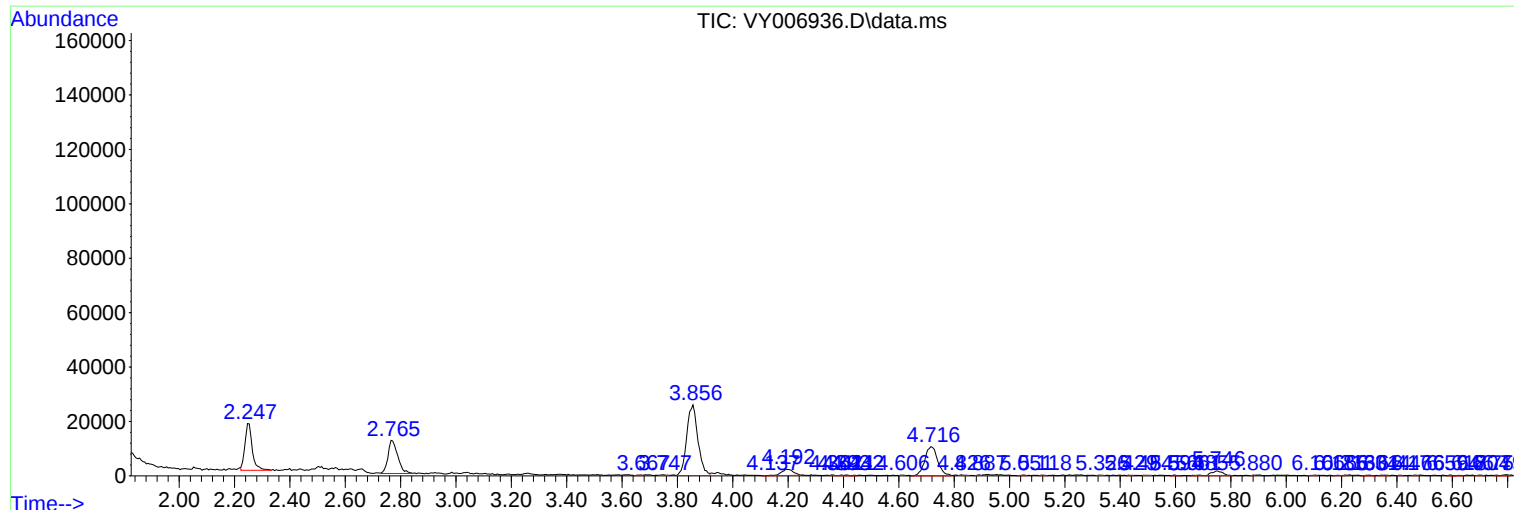
Sum of corrected areas: 2304403

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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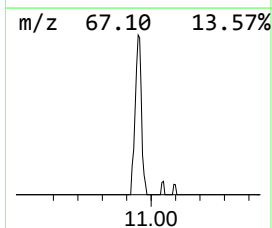
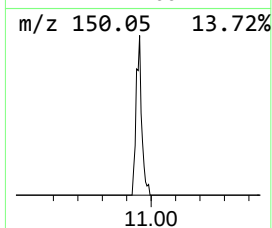
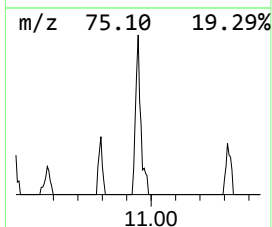
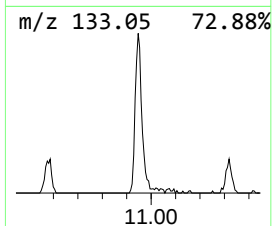
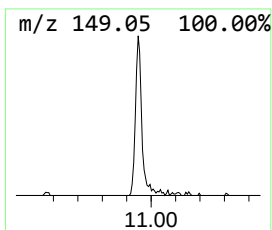
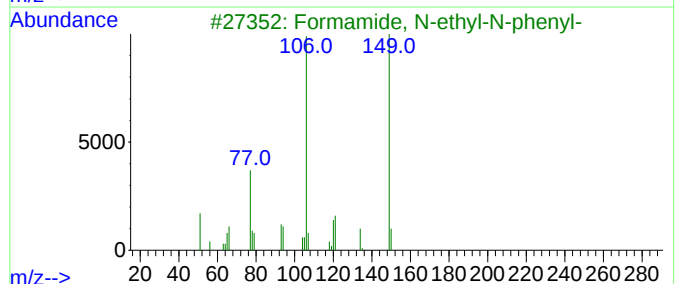
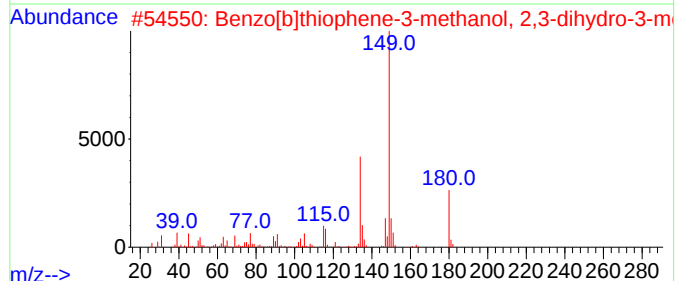
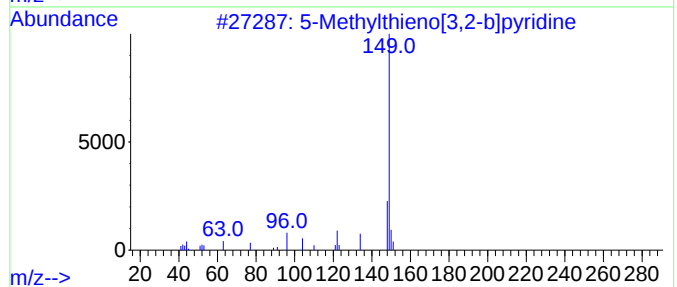
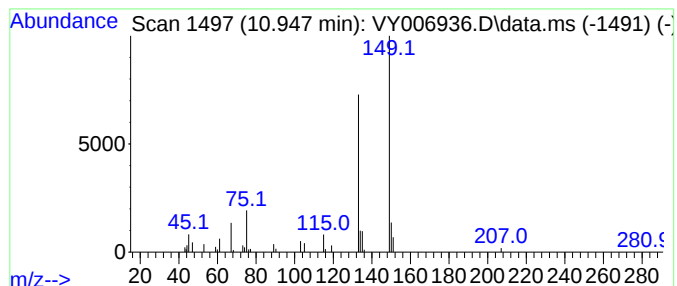
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	3.24 ug/L	33955	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	43
2			Benzo[b]thiophene-3-methanol, 2,...	180	C10H12OS	039891-65-1	38
3			Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	37
4			7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	32
5			2-Methoxy-3-methylbenzamide, N,N...	193	C11H15NO2	1369798-01-5	25



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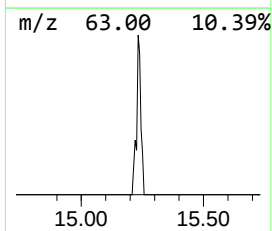
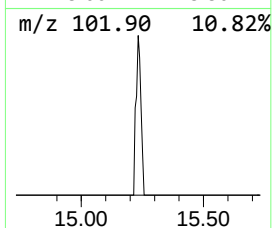
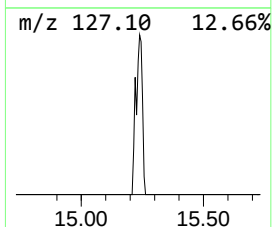
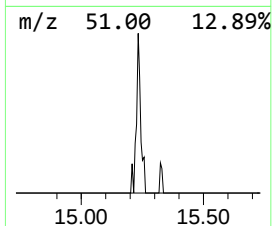
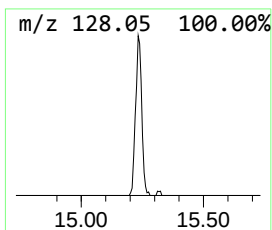
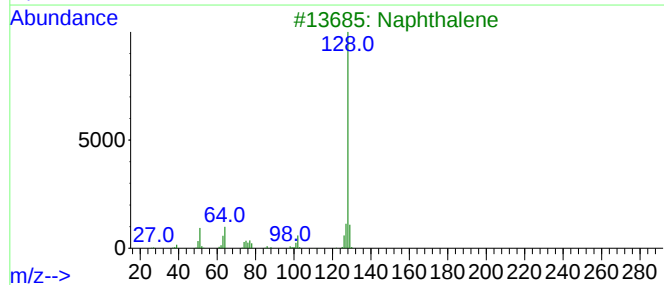
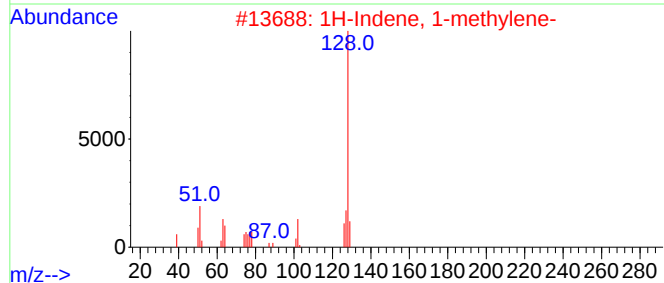
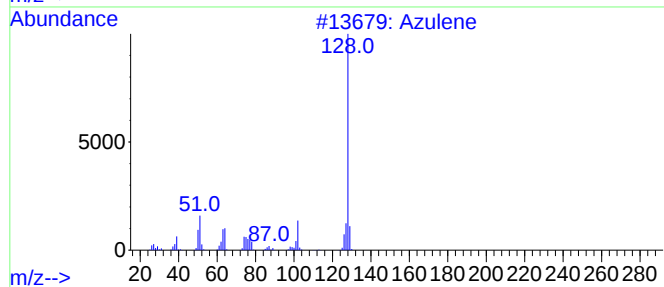
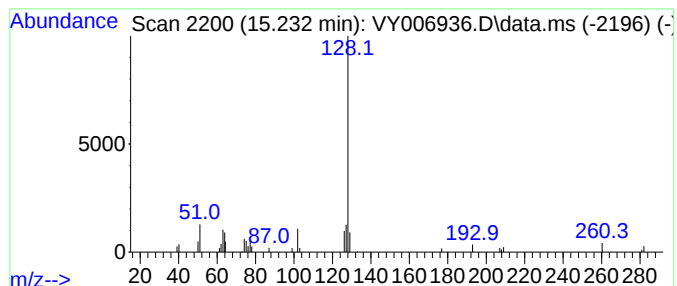
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Quant Title : VOC Analysis

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Peak Number 10 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	1.59 ug/L	12178	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	90
2			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90
3			Naphthalene	128	C10H8	000091-20-3	87
4			Azulene	128	C10H8	000275-51-4	83
5			Naphthalene	128	C10H8	000091-20-3	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	10.947	3.2	ug/L	33955	2	11.489	261934	25.0
Azulene	15.233	1.6	ug/L	12178	3	13.422	191814	25.0