LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
Data File : VY022702.D
Acq On : 16 Jun 2025 12:33
Operator : SY/MD
Sample : Q2324-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-6132025

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_Y\methods\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022702.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.988	41	44	46	rBV2	862	1039	5.26%	0.593%
2	2.074	50	58	59	rBV2	6158	10099	51.15%	5.768%
3	2.116	62	65	69	rVV5	2381	5689	28.82%	3.249%
4	2.147	69	70	71	rBV	2295	1153	5.84%	0.659%
5	2.427	114	116	120	rVB3	535	642	3.25%	0.367%
6	2.598	142	144	146	rBV2	804	749	3.79%	0.428%
7	2.750	167	169	173	rVB	739	935	4.74%	0.534%
8	2.866	187	188	192	rBV	618	676	3.42%	0.386%
9	3.135	230	232	237	rVB2	679	1022	5.18%	0.584%
10	3.317	258	262	264	rVB3	611	713	3.61%	0.407%
11	3.531	295	297	301	rVB4	513	737	3.73%	0.421%
12	3.671	315	320	321	rBV2	835	1046	5.30%	0.597%
13	3.708	323	326	328	rVV3	533	632	3.20%	0.361%
14	3.781	334	338	341	rVB4	1042	1299	6.58%	0.742%
15	3.836	341	347	350	rBV2	430	892	4.52%	0.509%
16	4.012	371	376	377	rBV3	473	686	3.47%	0.392%
17	4.866	512	516	518	rVB2	533	776	3.93%	0.443%
18	4.890	518	520	522	rBV	700	734	3.72%	0.419%
19	5.152	561	563	567	rBV3	676	668	3.38%	0.382%
20	5.348	592	595	597	rBV2	696	857	4.34%	0.489%
21	6.177	728	731	733	rBV2	583	742	3.76%	0.424%
22	6.622	800	804	807	rVB4	518	659	3.34%	0.376%
23	6.768	824	828	831	rVB2	598	809	4.10%	0.462%
24	6.890	843	848	851	rBV3	543	1105	5.60%	0.631%
25	7.475	942	944	946	rBV	611	727	3.68%	0.415%
26	7.506	946	949	950	rVV	816	645	3.27%	0.368%
27	7.634	965	970	971	rVV3	1461	1838	9.31%	1.050%
28	7.701	975	981	988	rVV3	4938	10956	55.49%	6.257%
29	7.853	1001	1006	1007	rBV	844	760	3.85%	0.434%
30	7.871	1007	1009	1012	rVV2	609	676	3.42%	0.386%
31	7.939	1016	1020	1022	rBV	860	846	4.29%	0.483%
32	8.060	1034	1040	1048	rBV6	2493	6113	30.96%	3.491%
33	8.329	1080	1084	1089	rBV3	602	1063	5.38%	0.607%
34	8.615	1125	1131	1138	rBV	7788	15153	76.75%	8.655%
35	9.249	1231	1235	1238	rBV3	711	1110	5.62%	0.634%
36	9.371	1253	1255	1259	rVB2	598	735	3.72%	0.420%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
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Acq On : 16 Jun 2025 12:33
Operator : SY/MD
Sample : Q2324-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-6132025

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_Y\methods\82Y060225S.M
Title : SW846 8260

37	9.450	1266	1268	1271	rBV3	679	621	3.15%	0.355%
38	9.956	1347	1351	1354	rBV2	673	734	3.72%	0.419%
39	10.036	1361	1364	1365	rBV2	725	623	3.16%	0.356%
40	10.109	1369	1376	1382	rVB2	10687	19743	100.00%	11.276%
41	10.261	1399	1401	1404	rVB3	674	857	4.34%	0.489%
42	10.414	1423	1426	1429	rBV4	506	822	4.16%	0.469%
43	10.584	1451	1454	1459	rVB2	466	726	3.68%	0.415%
44	10.664	1464	1467	1470	rVV4	830	672	3.40%	0.384%
45	10.786	1485	1487	1490	rVB2	642	720	3.65%	0.411%
46	10.834	1490	1495	1498	rBV5	531	838	4.24%	0.479%
47	10.871	1500	1501	1504	rBV3	562	668	3.38%	0.382%
48	10.932	1509	1511	1515	rVB2	680	837	4.24%	0.478%
49	11.042	1524	1529	1530	rBV3	539	622	3.15%	0.355%
50	11.084	1533	1536	1537	rBV3	726	627	3.18%	0.358%
51	11.249	1560	1563	1566	rBV4	535	698	3.54%	0.399%
52	11.279	1566	1568	1571	rVB3	649	706	3.58%	0.403%
53	11.353	1579	1580	1583	rBV2	887	746	3.78%	0.426%
54	11.420	1585	1591	1597	rVB3	8352	14489	73.39%	8.275%
55	11.609	1617	1622	1623	rBV4	1049	1789	9.06%	1.022%
56	11.645	1626	1628	1631	rVV4	734	824	4.17%	0.471%
57	11.883	1664	1667	1668	rVB2	806	674	3.41%	0.385%
58	12.127	1703	1707	1712	rBV5	804	1035	5.24%	0.591%
59	12.407	1748	1753	1759	rBV6	4484	6960	35.25%	3.975%
60	12.505	1767	1769	1773	rVB2	567	738	3.74%	0.422%
61	12.547	1773	1776	1779	rVV5	503	634	3.21%	0.362%
62	12.578	1779	1781	1784	rVV3	1140	1101	5.58%	0.629%
63	12.633	1787	1790	1792	rVB4	518	624	3.16%	0.356%
64	12.682	1797	1798	1802	rVB3	657	809	4.10%	0.462%
65	12.761	1805	1811	1816	rBV6	1018	2429	12.30%	1.387%
66	12.810	1816	1819	1820	rVV2	1170	1122	5.68%	0.641%
67	12.828	1820	1822	1824	rVV3	1165	1102	5.58%	0.629%
68	12.864	1824	1828	1830	rVV2	1387	2091	10.59%	1.194%
69	12.895	1832	1833	1837	rVB3	927	899	4.55%	0.513%
70	12.999	1849	1850	1853	rVB2	769	716	3.63%	0.409%
71	13.127	1868	1871	1872	rBV2	874	689	3.49%	0.394%
72	13.206	1882	1884	1886	rVB3	842	749	3.79%	0.428%
73	13.346	1903	1907	1913	rVB4	3287	5098	25.82%	2.912%
74	13.407	1913	1917	1921	rVB5	833	1332	6.75%	0.761%
75	13.694	1960	1964	1970	rVB4	789	1582	8.01%	0.904%
76	13.877	1991	1994	1995	rVV2	846	820	4.15%	0.468%

LSC Area Percent Report

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Sample : Q2324-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-6132025

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260

77	13.895	1995	1997	2002	rVB3	719	1061	5.37%	0.606%
78	14.139	2030	2037	2040	rBV4	712	1302	6.59%	0.744%
79	14.206	2046	2048	2054	rVB3	652	944	4.78%	0.539%
80	14.541	2100	2103	2106	rBV3	759	1157	5.86%	0.661%
81	14.608	2112	2114	2119	rVB3	703	1015	5.14%	0.580%
82	14.852	2150	2154	2158	rBV4	593	854	4.33%	0.488%
83	14.956	2167	2171	2173	rBV4	666	944	4.78%	0.539%
84	15.041	2180	2185	2186	rBV3	609	731	3.70%	0.418%
85	15.102	2191	2195	2197	rVB3	550	707	3.58%	0.404%
86	15.327	2229	2232	2236	rVB4	824	1139	5.77%	0.651%
87	15.608	2276	2278	2280	rVB3	631	652	3.30%	0.372%
88	15.766	2301	2304	2308	rVB4	545	624	3.16%	0.356%
89	15.815	2311	2312	2314	rBV2	730	694	3.52%	0.396%
90	15.955	2332	2335	2338	rVB4	573	695	3.52%	0.397%
91	16.096	2356	2358	2362	rVB3	834	1342	6.80%	0.766%
92	16.132	2362	2364	2366	rBV3	536	627	3.18%	0.358%
93	16.260	2381	2385	2387	rBV3	796	823	4.17%	0.470%
94	16.333	2395	2397	2400	rVB4	776	819	4.15%	0.468%
95	16.394	2404	2407	2408	rBV3	801	794	4.02%	0.453%
96	16.437	2411	2414	2416	rBV2	641	698	3.54%	0.399%
97	16.504	2423	2425	2427	rBV	553	682	3.45%	0.390%
98	16.553	2431	2433	2435	rVV2	1021	857	4.34%	0.489%
99	16.608	2439	2442	2445	rVB2	585	640	3.24%	0.366%
100	16.699	2455	2457	2461	rVB4	694	740	3.75%	0.423%

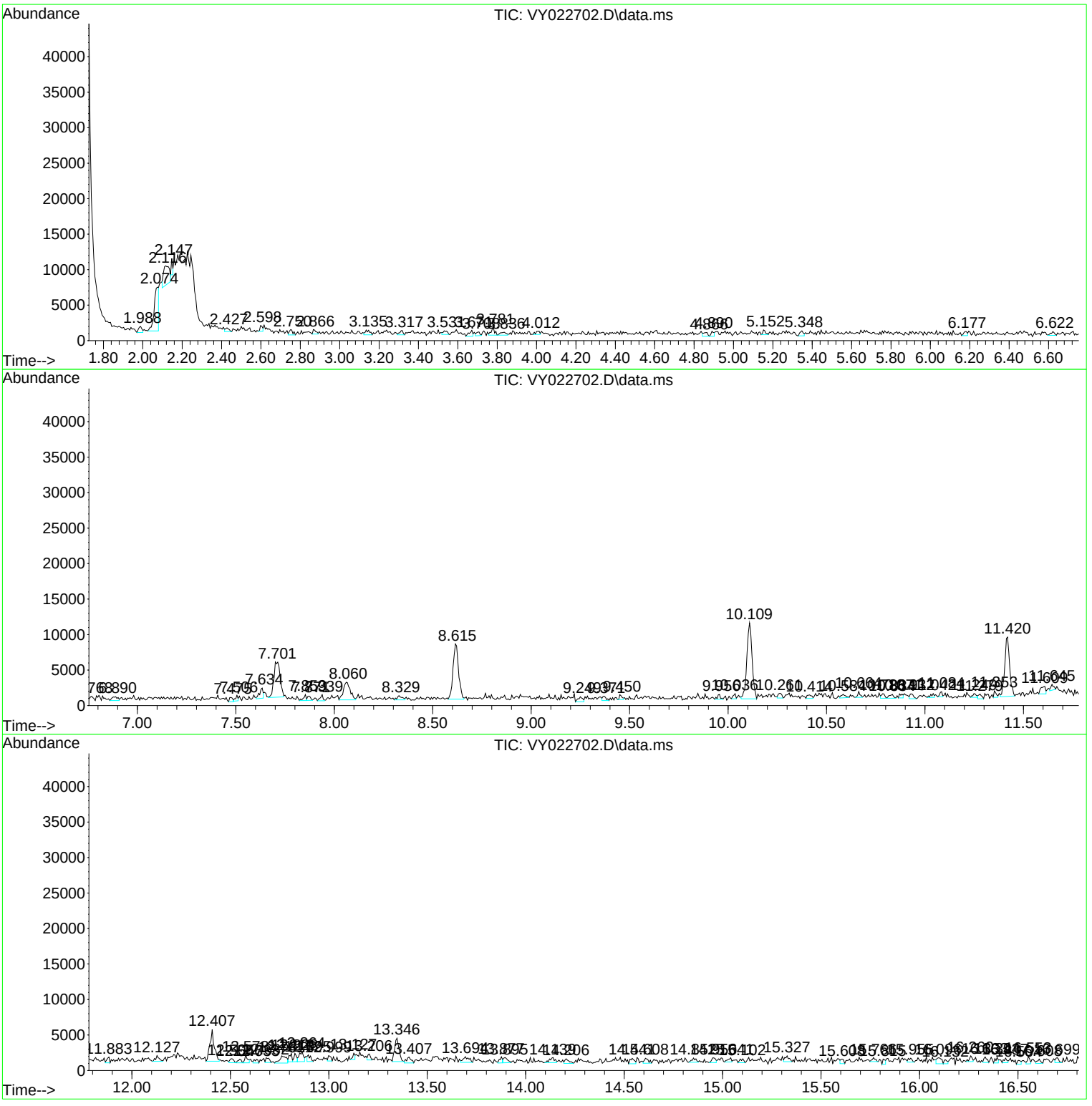
Sum of corrected areas: 175088

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
Data File : VY022702.D
Acq On : 16 Jun 2025 12:33
Operator : SY/MD
Sample : Q2324-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-6132025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
Data File : VY022702.D
Acq On : 16 Jun 2025 12:33
Operator : SY/MD
Sample : Q2324-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-6132025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

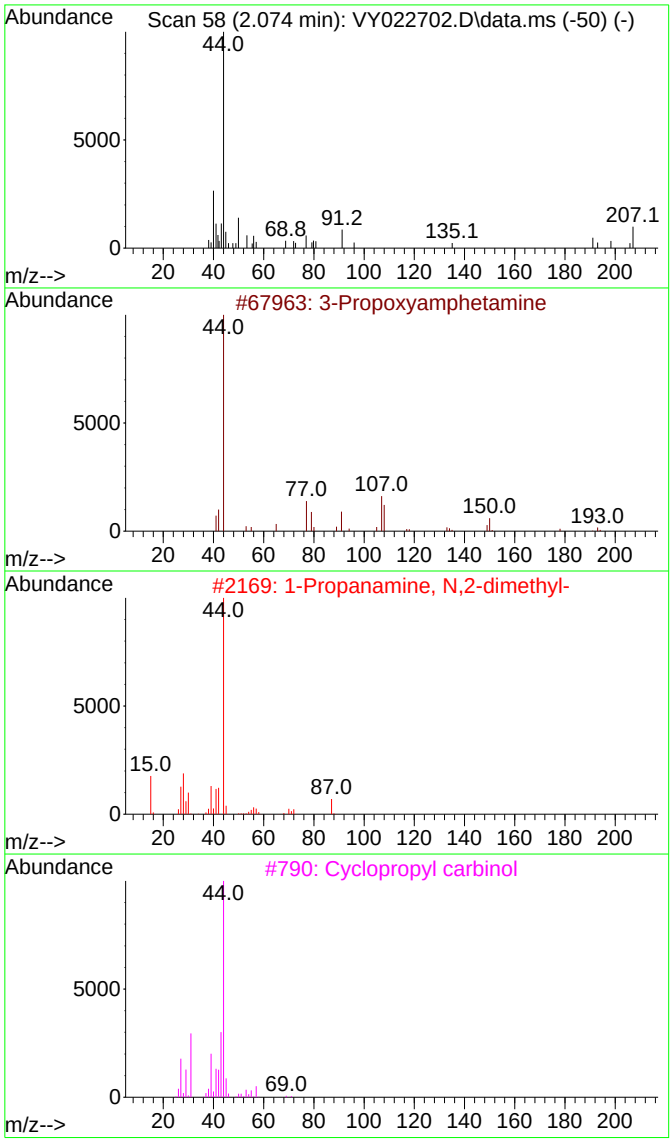
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

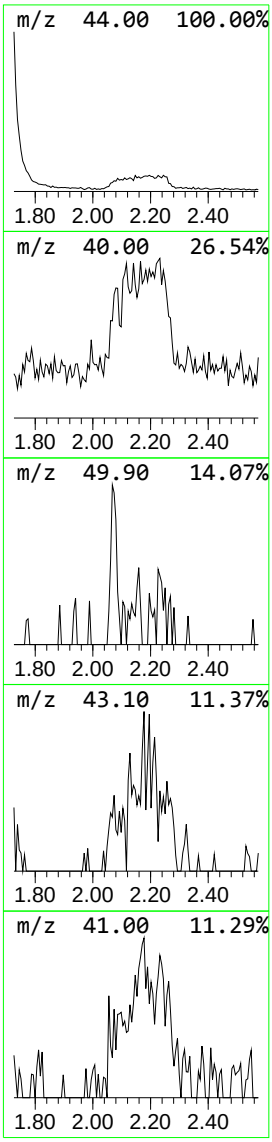
****

Peak Number 1 unknown2.074 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.074	46.09 ug/l	10099	Pentafluorobenzene	7.713

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Propoxyamphetamine	193	C12H19NO	1000124-04-4	36
2	1-Propanamine, N,2-dimethyl-	87	C5H13N	000625-43-4	33
3	Cyclopropyl carbinol	72	C4H8O	002516-33-8	33
4	3-Chloro-N-methylpropylamine	107	C4H10ClN	065232-62-4	33
5	1-Pentanol, 4-amino-	103	C5H13NO	000927-55-9	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
Data File : VY022702.D
Acq On : 16 Jun 2025 12:33
Operator : SY/MD
Sample : Q2324-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-6132025

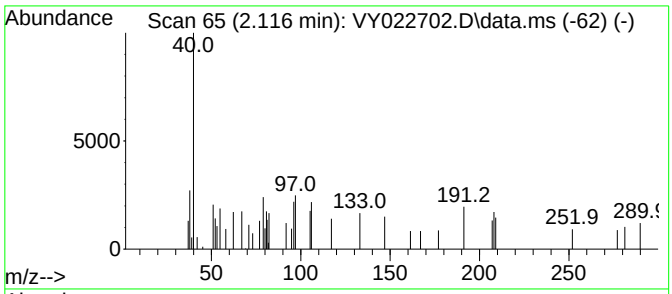
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

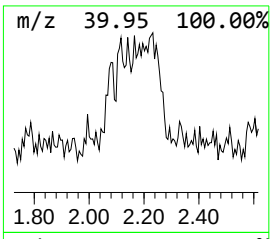
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

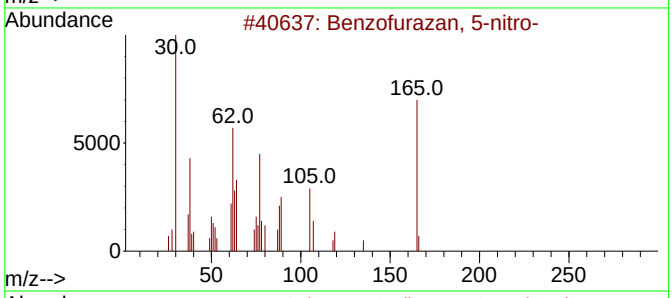
****
Peak Number 2 unknown2.116 Concentration Rank 2

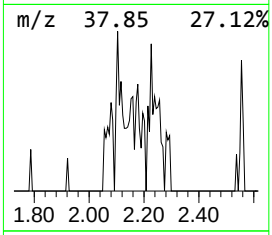
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	25.96 ug/l	5689	Pentafluorobenzene	7.713

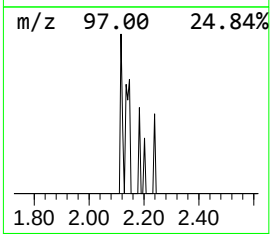
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofurazan, 5-nitro-	165	C6H3N3O3	018772-11-7	13
2	3-(Furan-2-yl)-1H-1,2,4-triazole	135	C6H5N3O	1000443-26-7	9
3	2,5-Furandione, dihydro-3-methyl...	112	C5H4O3	002170-03-8	9
4	Benzenesulfonyl chloride, 2,4-di...	266	C6H3ClN2O6S	001656-44-6	9
5	3-Butyn-1-ol	70	C4H6O	000927-74-2	9

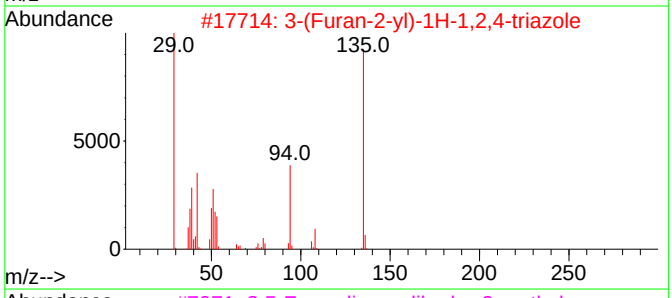


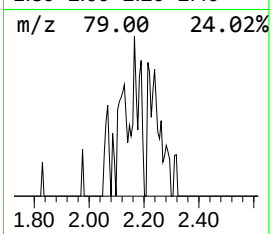


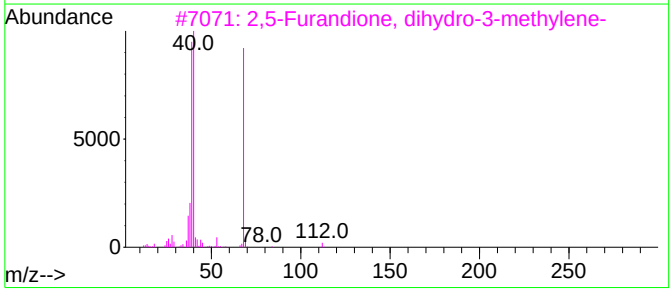


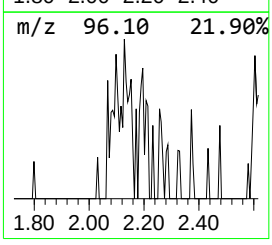












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Instrument :
MSVOA_Y
ClientSampleId :
HD-01-6132025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

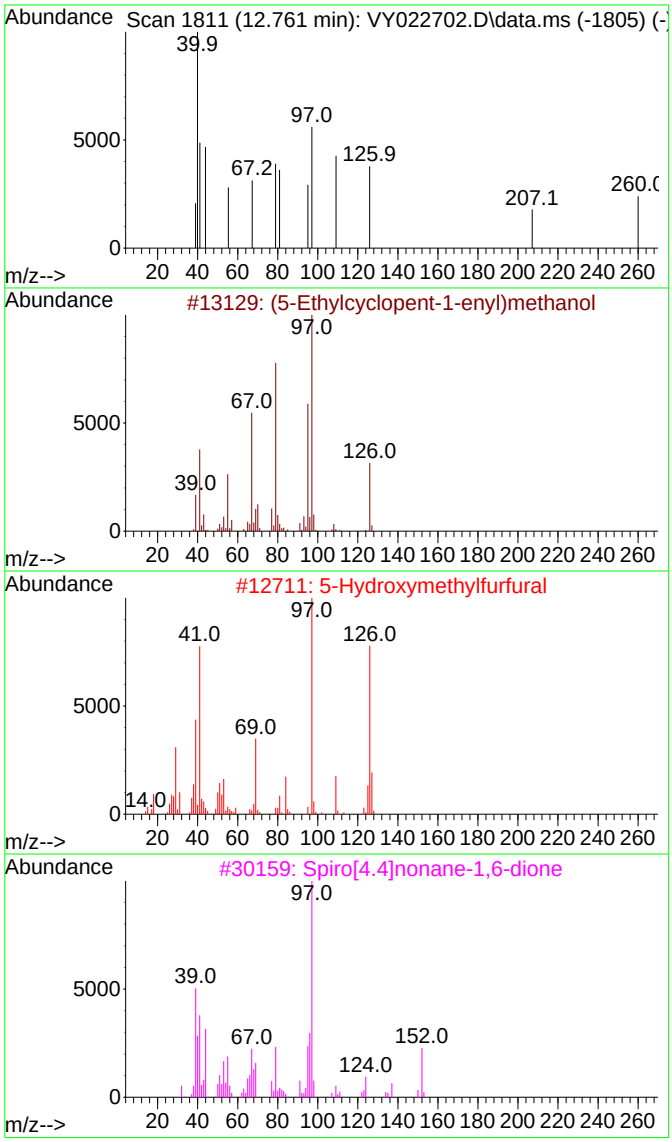
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

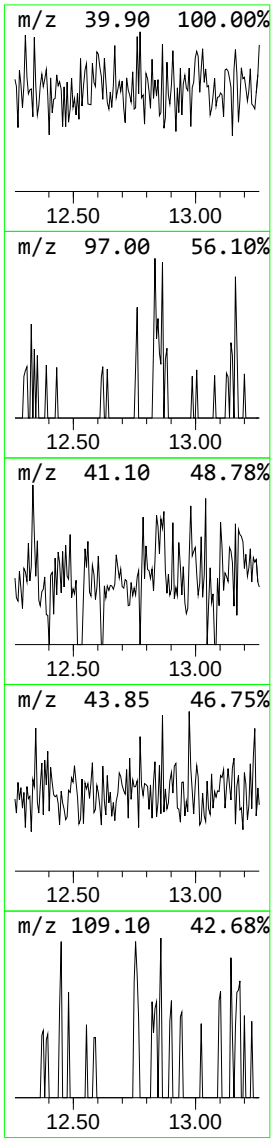
****

Peak Number 3 unknown12.761 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.761	23.82 ug/l	2429	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(5-Ethylcyclopent-1-enyl)methanol	126	C8H14O	036431-59-1	43
2	5-Hydroxymethylfurfural	126	C6H6O3	000067-47-0	11
3	Spiro[4.4]nonane-1,6-dione	152	C9H12O2	027723-43-9	9
4	Bicyclo[2.2.1]heptane-2-carboxyl...	210	C11H14O4	111509-63-8	9
5	4-Fluorobenzyl alcohol	126	C7H7FO	000459-56-3	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
Data File : VY022702.D
Acq On : 16 Jun 2025 12:33
Operator : SY/MD
Sample : Q2324-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-6132025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

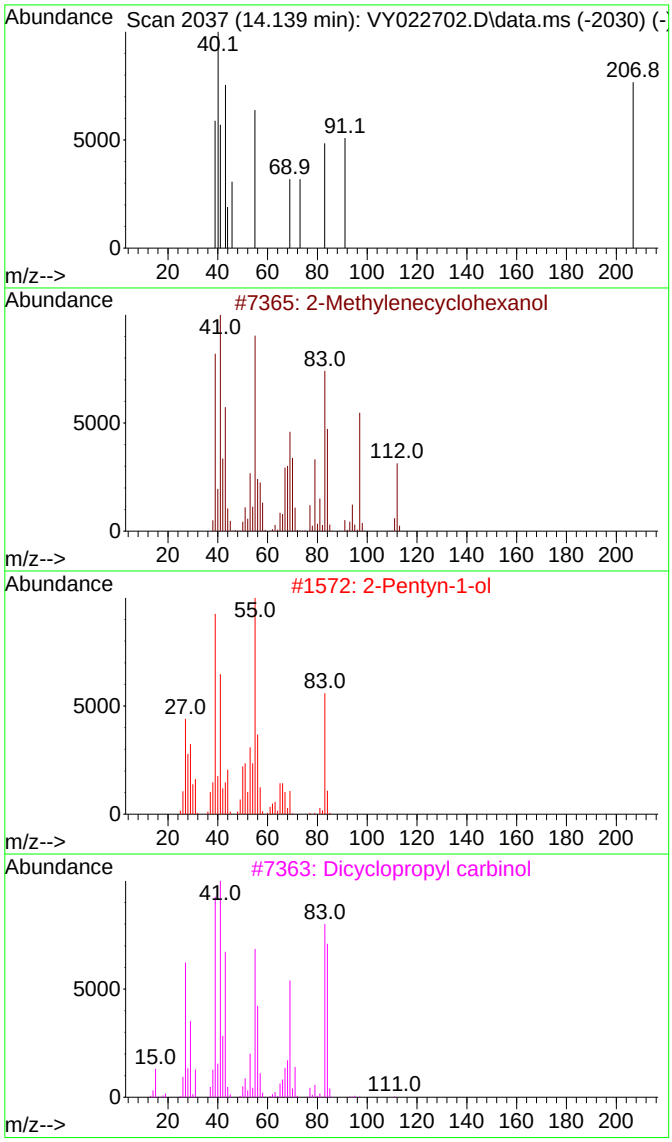
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

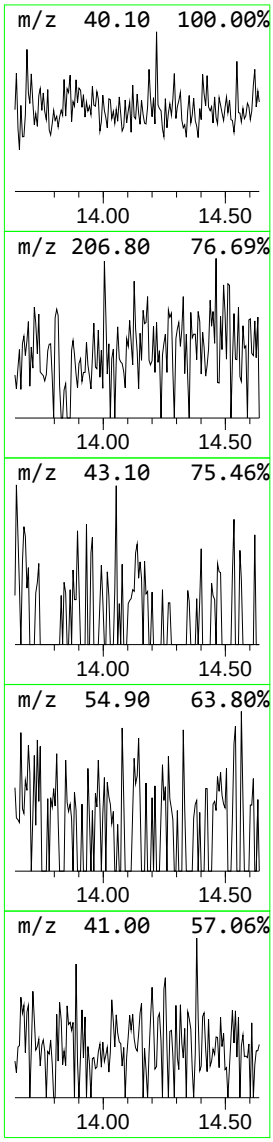
****

Peak Number 7 unknown14.139 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.139	12.77 ug/l	1302	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylenecyclohexanol	112	C7H12O	004065-80-9	12
2	2-Pentyn-1-ol	84	C5H8O	006261-22-9	12
3	Dicyclopropyl carbinol	112	C7H12O	014300-33-5	9
4	2-Hexenal, (E)-	98	C6H10O	006728-26-3	9
5	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	7





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
Data File : VY022702.D
Acq On : 16 Jun 2025 12:33
Operator : SY/MD
Sample : Q2324-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-6132025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.074	2.074	46.1	ug/l	10099	1	7.713	10956	50.0
unknown2.116	2.116	26.0	ug/l	5689	1	7.713	10956	50.0
unknown12.761	12.761	23.8	ug/l	2429	4	13.346	5098	50.0
unknown14.139	14.139	12.8	ug/l	1302	4	13.346	5098	50.0