

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022374.D
 Acq On : 21 May 2025 17:52
 Operator : SY/MD
 Sample : Q2087-03
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-05202025

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\82Y051525S.M
 Title : SW846 8260

Signal : TIC: VY022374.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.977	41	42	46	rBV2	567	737	1.79%	0.254%
2	2.086	52	60	61	rBV4	5194	9962	24.24%	3.437%
3	2.147	68	70	72	rBV2	1347	1179	2.87%	0.407%
4	2.458	119	121	125	rVB2	523	728	1.77%	0.251%
5	2.806	173	178	179	rBV3	465	695	1.69%	0.240%
6	2.891	189	192	196	rVB4	640	652	1.59%	0.225%
7	3.098	223	226	231	rVB2	688	915	2.23%	0.316%
8	3.354	267	268	273	rVB3	527	762	1.85%	0.263%
9	3.550	296	300	302	rBV3	599	692	1.68%	0.239%
10	3.696	321	324	327	rBV3	595	679	1.65%	0.234%
11	4.440	442	446	447	rBV2	663	692	1.68%	0.239%
12	5.165	560	565	566	rBV3	571	886	2.16%	0.306%
13	5.287	582	585	588	rBV	522	686	1.67%	0.237%
14	5.830	671	674	676	rBV2	539	749	1.82%	0.258%
15	7.640	961	971	977	rBV6	3292	9079	22.09%	3.132%
16	7.713	977	983	999	rVB3	12155	28122	68.42%	9.702%
17	7.963	1023	1024	1028	rBV3	595	822	2.00%	0.284%
18	8.073	1032	1042	1051	rBV4	5981	14746	35.88%	5.087%
19	8.524	1113	1116	1119	rBV2	553	795	1.93%	0.274%
20	8.622	1125	1132	1139	rBV	15735	32634	79.40%	11.258%
21	9.427	1262	1264	1268	rBV2	698	1051	2.56%	0.363%
22	9.457	1268	1269	1274	rVB2	701	825	2.01%	0.285%
23	9.524	1274	1280	1281	rBV2	493	719	1.75%	0.248%
24	10.115	1371	1377	1383	rBV	23011	41101	100.00%	14.179%
25	10.530	1444	1445	1451	rVB3	793	942	2.29%	0.325%
26	10.731	1477	1478	1481	rVB2	655	667	1.62%	0.230%
27	11.195	1550	1554	1557	rBV4	552	729	1.77%	0.251%
28	11.420	1586	1591	1599	rVB2	17830	29363	71.44%	10.130%
29	11.646	1623	1628	1632	rBV5	860	1842	4.48%	0.635%
30	11.694	1632	1636	1637	rBV2	523	677	1.65%	0.234%
31	11.743	1642	1644	1649	rBV5	754	915	2.23%	0.316%
32	11.792	1649	1652	1656	rBV3	563	766	1.86%	0.264%
33	11.890	1663	1668	1671	rBV5	698	1245	3.03%	0.430%
34	12.152	1708	1711	1714	rBV5	590	744	1.81%	0.257%
35	12.231	1720	1724	1726	rVB5	564	866	2.11%	0.299%
36	12.286	1731	1733	1737	rVB4	597	789	1.92%	0.272%

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37	12.414	1748	1754	1761	rVB4	8849	14402	35.04%	4.968%
38	12.505	1767	1769	1772	rVB3	824	767	1.87%	0.265%
39	12.670	1792	1796	1798	rBV5	792	1116	2.72%	0.385%
40	12.688	1798	1799	1804	rVB5	913	1067	2.60%	0.368%
41	12.780	1811	1814	1817	rBV4	856	977	2.38%	0.337%
42	12.810	1817	1819	1820	rBV2	933	664	1.62%	0.229%
43	12.895	1830	1833	1834	rVB3	708	681	1.66%	0.235%
44	13.054	1857	1859	1862	rVB4	743	797	1.94%	0.275%
45	13.176	1875	1879	1881	rBV3	1487	2444	5.95%	0.843%
46	13.206	1881	1884	1888	rVB6	2048	3216	7.82%	1.109%
47	13.267	1893	1894	1900	rBV4	729	632	1.54%	0.218%
48	13.353	1900	1908	1913	rBV3	7378	13268	32.28%	4.577%
49	13.505	1930	1933	1934	rBV3	577	717	1.74%	0.247%
50	13.536	1934	1938	1939	rVV3	1077	1295	3.15%	0.447%
51	13.554	1939	1941	1943	rVV3	1230	1549	3.77%	0.534%
52	13.584	1943	1946	1949	rVB3	1441	2063	5.02%	0.712%
53	13.670	1958	1960	1963	rBV4	1108	1522	3.70%	0.525%
54	13.725	1968	1969	1972	rVB2	1367	831	2.02%	0.287%
55	13.767	1974	1976	1978	rBV3	884	635	1.54%	0.219%
56	13.846	1986	1989	1992	rBV5	1024	1212	2.95%	0.418%
57	13.938	2000	2004	2007	rVB4	1003	1517	3.69%	0.523%
58	13.975	2007	2010	2012	rBV4	687	920	2.24%	0.317%
59	14.005	2013	2015	2017	rVV2	1124	748	1.82%	0.258%
60	14.066	2021	2025	2026	rVV3	1042	1157	2.82%	0.399%
61	14.090	2026	2029	2032	rVV5	893	1475	3.59%	0.509%
62	14.145	2035	2038	2039	rVV3	994	1113	2.71%	0.384%
63	14.164	2039	2041	2043	rVB3	914	817	1.99%	0.282%
64	14.255	2054	2056	2057	rBV	1311	1106	2.69%	0.382%
65	14.292	2057	2062	2067	rVB7	1510	3374	8.21%	1.164%
66	14.365	2072	2074	2075	rBV2	930	810	1.97%	0.279%
67	14.420	2081	2083	2085	rBV3	831	961	2.34%	0.332%
68	14.487	2092	2094	2097	rVB4	870	1151	2.80%	0.397%
69	14.517	2097	2099	2102	rBV4	742	910	2.21%	0.314%
70	14.596	2110	2112	2114	rBV3	1055	830	2.02%	0.286%
71	14.657	2121	2122	2126	rBV4	1109	783	1.91%	0.270%
72	14.688	2126	2127	2132	rBV5	659	698	1.70%	0.241%
73	14.755	2135	2138	2141	rVV4	863	1256	3.06%	0.433%
74	14.785	2141	2143	2144	rVB2	1179	763	1.86%	0.263%
75	14.871	2155	2157	2160	rVB4	899	783	1.91%	0.270%
76	15.047	2183	2186	2190	rBV5	884	1545	3.76%	0.533%

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77	15.115	2195	2197	2198	rVV2	1364	1134	2.76%	0.391%
78	15.157	2201	2204	2207	rVV5	1828	2905	7.07%	1.002%
79	15.273	2218	2223	2224	rVV4	640	907	2.21%	0.313%
80	15.304	2224	2228	2229	rVV3	1310	1744	4.24%	0.602%
81	15.322	2229	2231	2235	rVV5	1500	2241	5.45%	0.773%
82	15.365	2236	2238	2240	rVB3	1087	655	1.59%	0.226%
83	15.493	2256	2259	2261	rBV4	739	804	1.96%	0.277%
84	15.554	2264	2269	2270	rBV5	979	1612	3.92%	0.556%
85	15.645	2282	2284	2285	rBV2	760	759	1.85%	0.262%
86	15.871	2319	2321	2324	rBV4	864	652	1.59%	0.225%
87	15.925	2328	2330	2334	rVB4	854	678	1.65%	0.234%
88	15.962	2334	2336	2338	rVB3	892	887	2.16%	0.306%
89	15.992	2338	2341	2342	rBV3	844	816	1.99%	0.282%
90	16.011	2342	2344	2347	rBV4	739	822	2.00%	0.284%
91	16.060	2350	2352	2356	rVB4	974	1380	3.36%	0.476%
92	16.096	2356	2358	2360	rBV3	985	1141	2.78%	0.394%
93	16.175	2369	2371	2374	rVB3	1022	777	1.89%	0.268%
94	16.291	2388	2390	2393	rBV4	583	718	1.75%	0.248%
95	16.358	2399	2401	2403	rVB3	1070	828	2.01%	0.286%
96	16.407	2405	2409	2412	rVB5	1206	1692	4.12%	0.584%
97	16.450	2412	2416	2419	rBV5	986	1435	3.49%	0.495%
98	16.480	2419	2421	2426	rVV6	833	1194	2.91%	0.412%
99	16.535	2428	2430	2435	rVB5	1124	1152	2.80%	0.397%
100	16.718	2457	2460	2463	rBV4	774	909	2.21%	0.314%

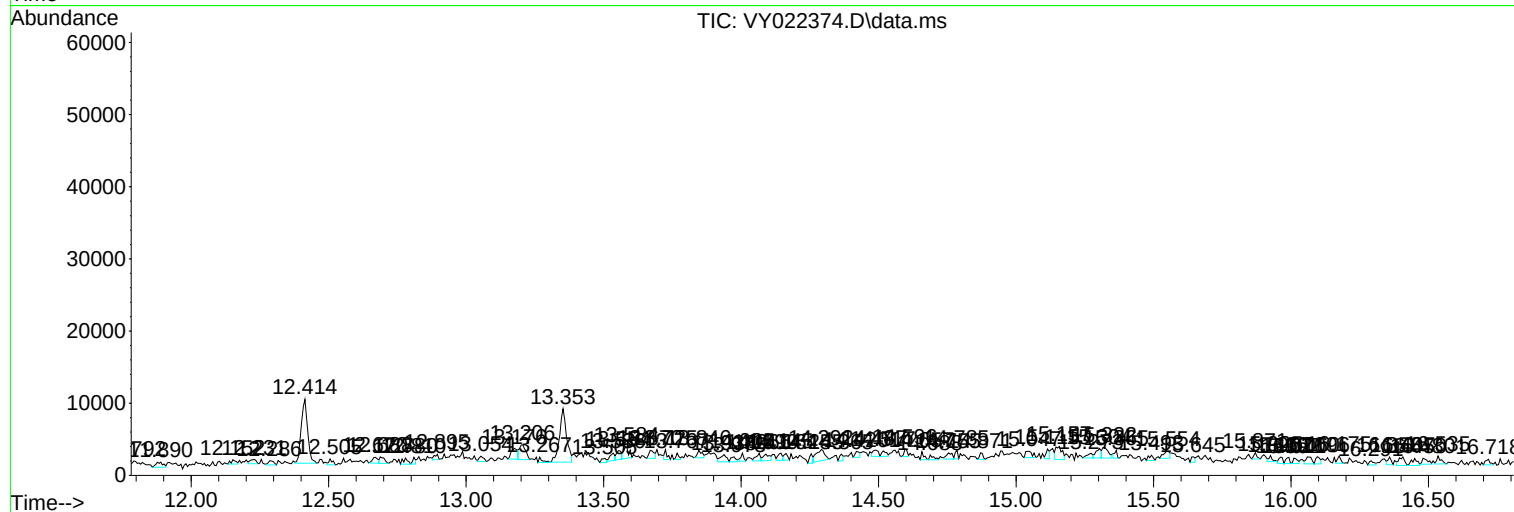
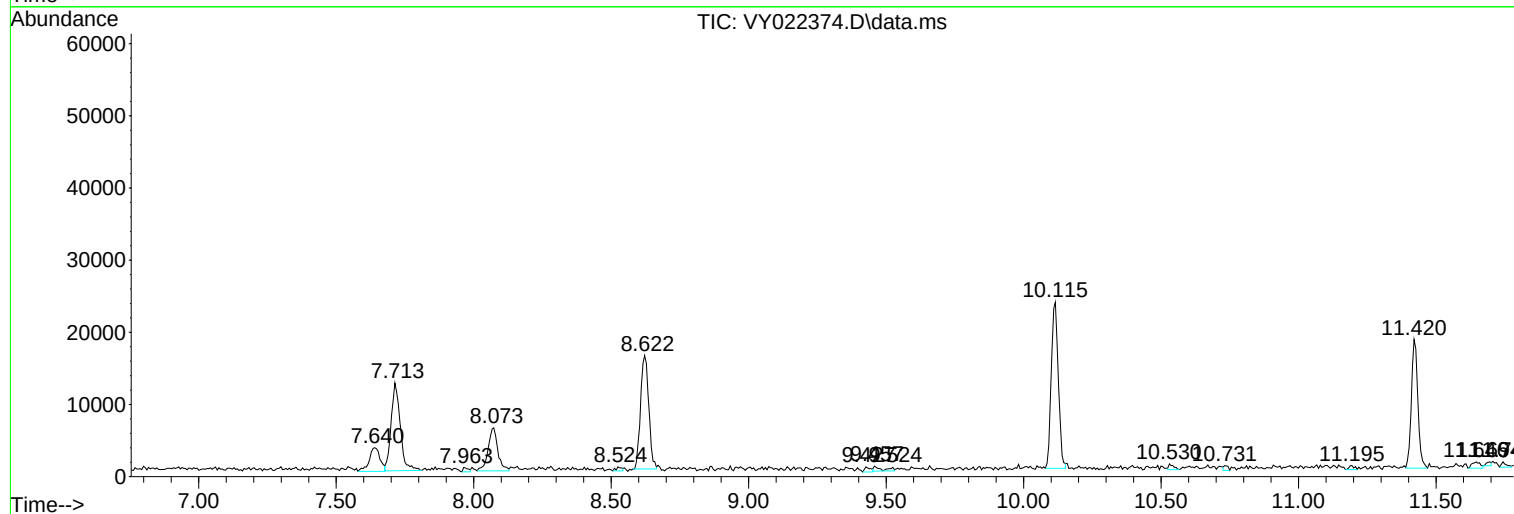
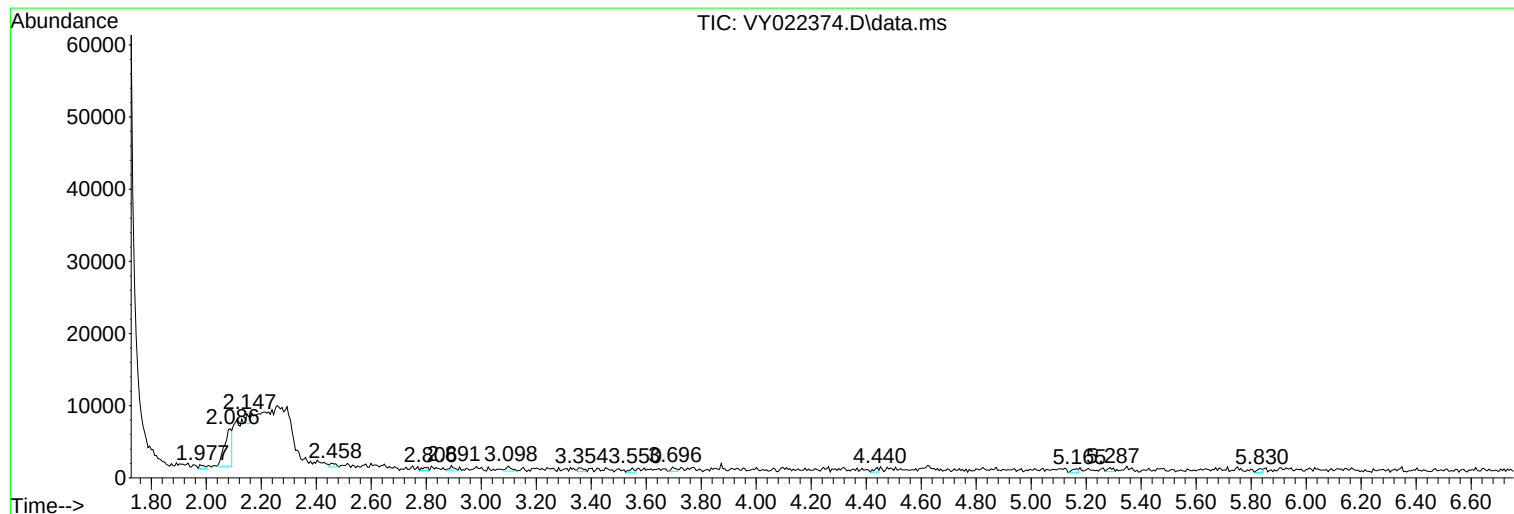
Sum of corrected areas: 289867

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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



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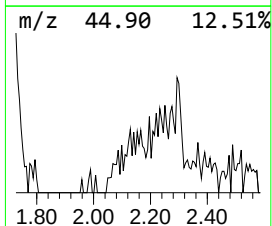
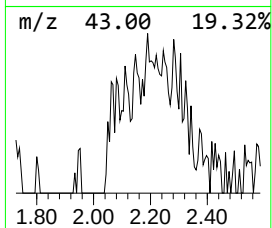
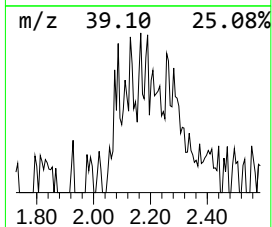
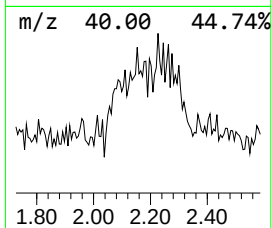
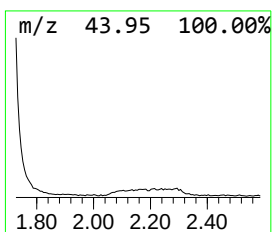
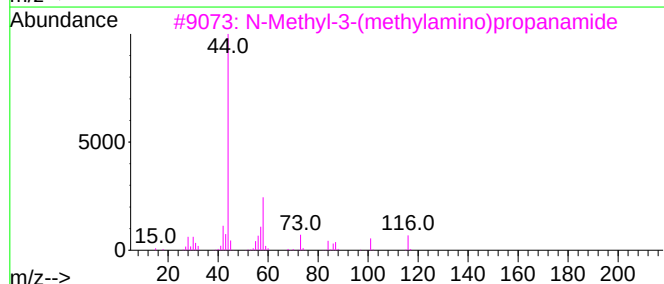
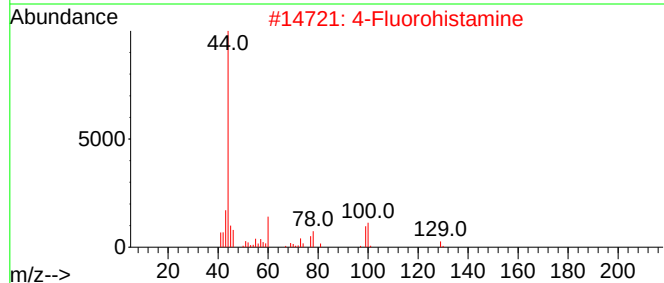
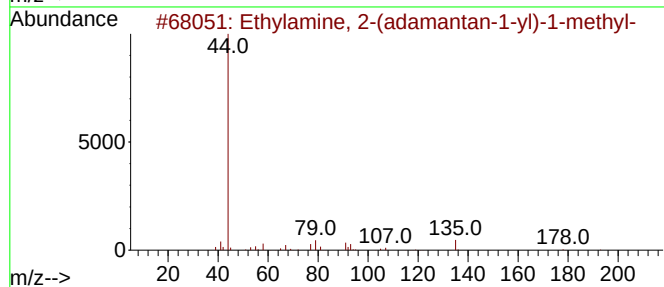
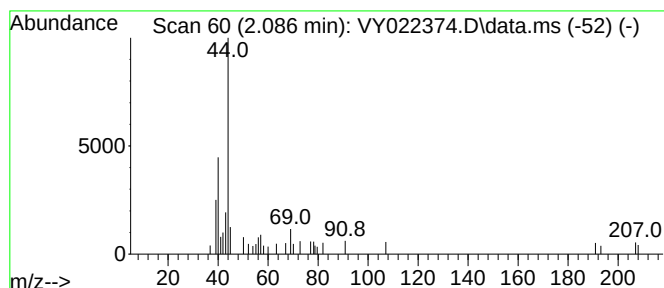
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown2.086 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.086	17.71 ug/l	9962	Pentafluorobenzene	7.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylamine, 2-(adamantan-1-yl)-1...	193	C13H23N	1000310-59-0	38
2			4-Fluorohistamine	129	C5H8FN3	049872-60-8	36
3			N-Methyl-3-(methylamino)propanamide	116	C5H12N2O	050836-82-3	33
4			2-Heptanamine, 5-methyl-	129	C8H19N	053907-81-6	33
5			1-[.alpha.-(1-Adamantyl)benzylid...	313	C18H23N3S	1000222-83-3	28



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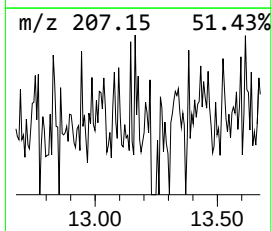
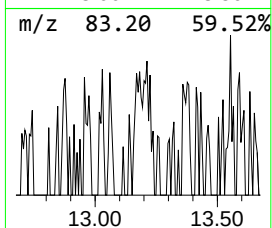
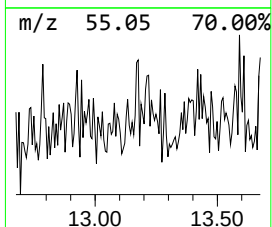
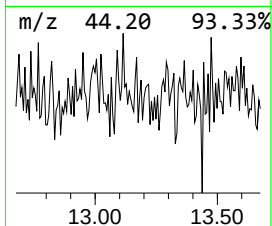
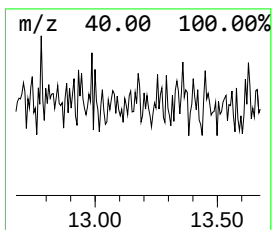
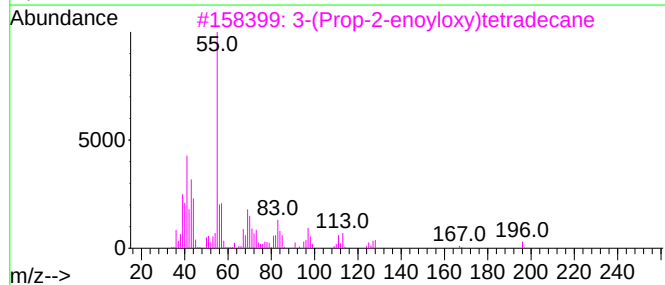
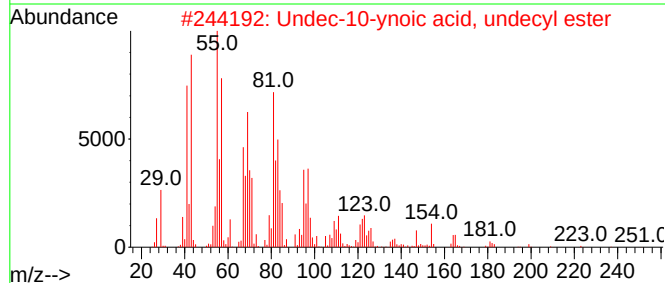
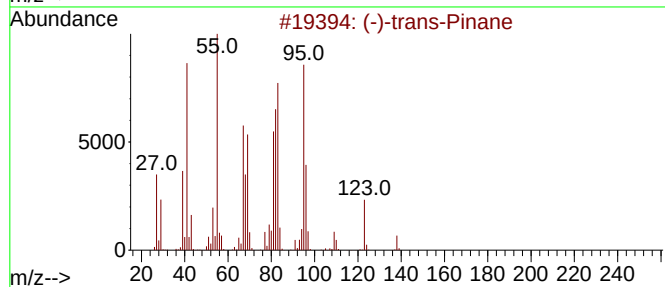
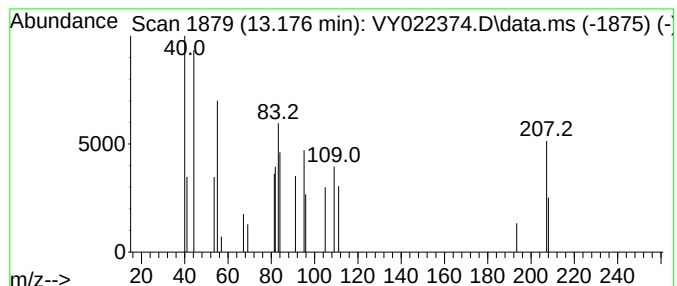
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown13.176 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.176	9.21 ug/l	2444	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-trans-Pinane			138	C10H18	033626-25-4	27
2	Undec-10-ynoic acid, undecyl ester			336	C22H40O2	1000406-16-4	25
3	3-(Prop-2-enoyloxy)tetradecane			268	C17H32O2	1000245-67-1	23
4	1,2-15,16-Diepoxylhexadecane			254	C16H30O2	1000192-65-0	10
5	Cyclohexane, (1-methylethyl)-			126	C9H18	000696-29-7	10



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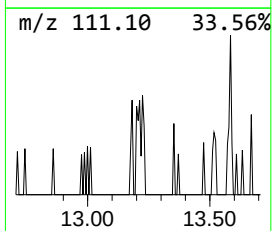
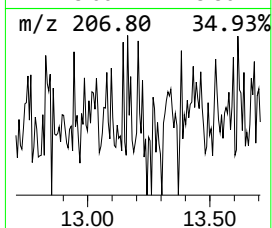
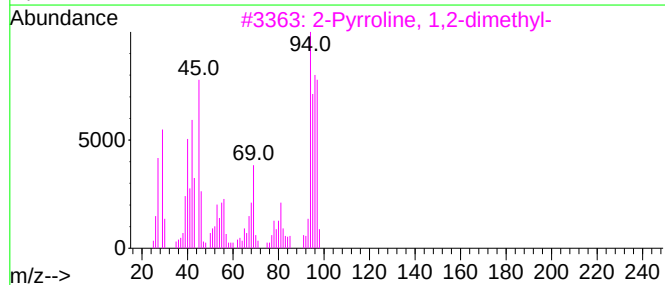
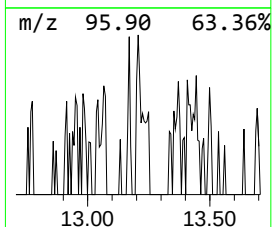
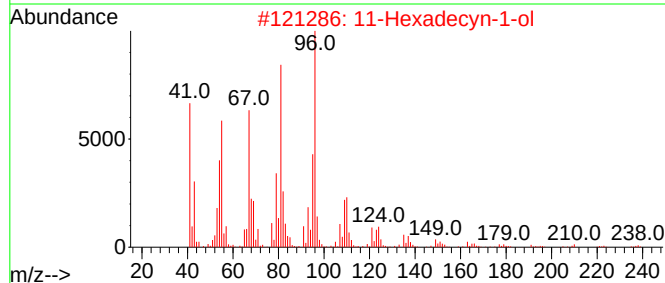
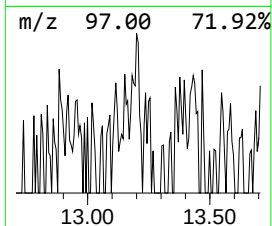
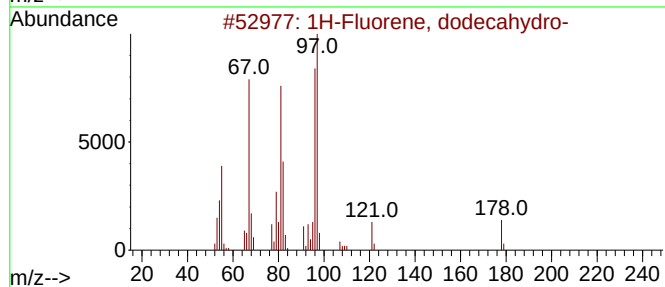
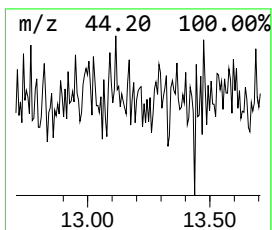
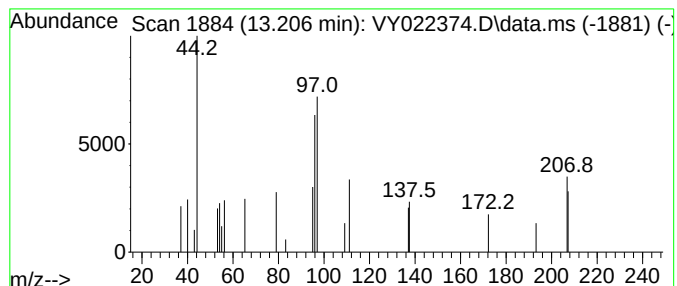
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Quant Title : SW846 8260

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

Peak Number 3 unknown13.206 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.206	12.12 ug/l	3216	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Fluorene, dodecahydro-	178	C13H22	005744-03-6	12
2			11-Hexadecyn-1-ol	238	C16H30O	065686-49-9	10
3			2-Pyrroline, 1,2-dimethyl-	97	C6H11N	005370-57-0	10
4			1-Silacyclohexa-2,5-diene	96	C5H8Si	081200-77-3	9
5			Pyridine, 1,2,3,6-tetrahydro-1,2...	111	C7H13N	000694-84-8	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022374.D
Acq On : 21 May 2025 17:52
Operator : SY/MD
Sample : Q2087-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-05202025

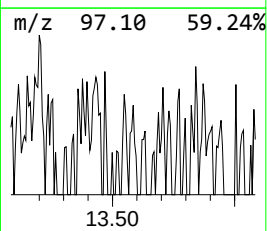
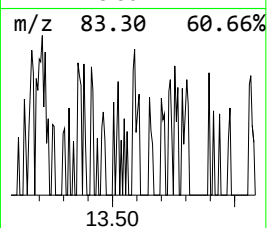
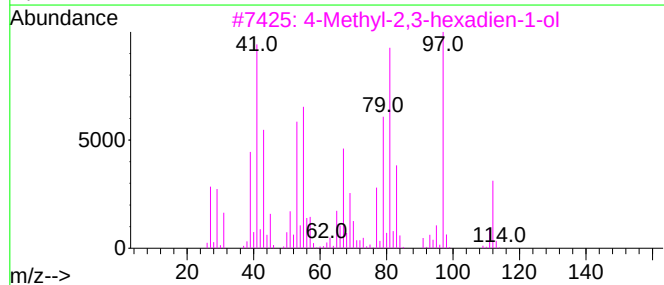
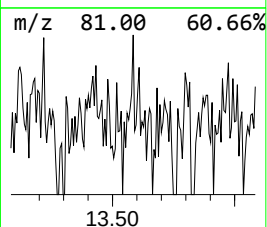
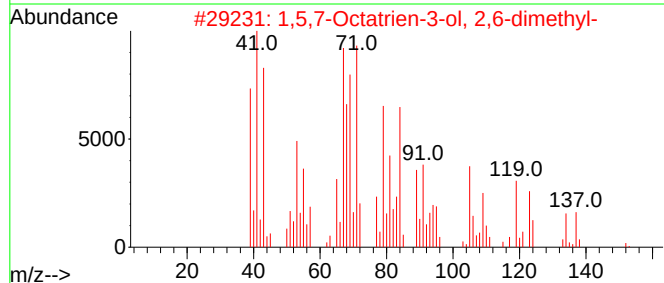
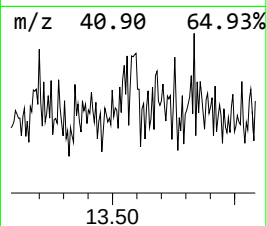
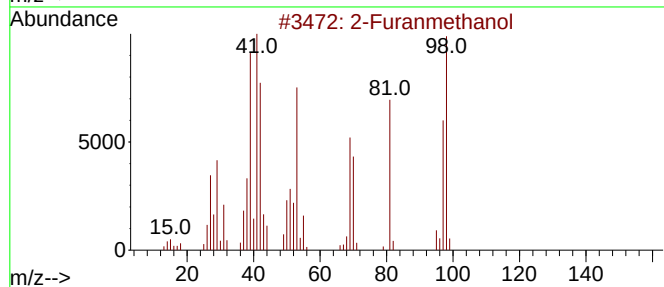
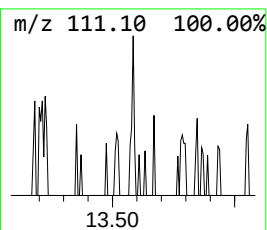
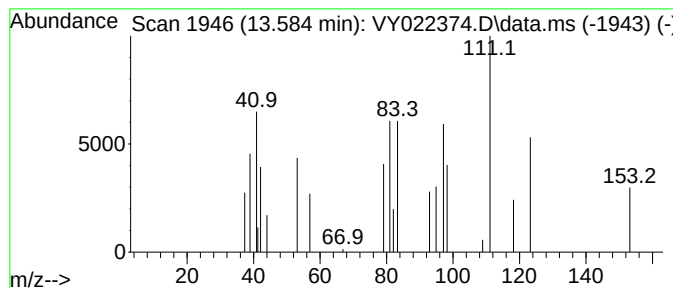
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Quant Title : SW846 8260

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

Peak Number 4 unknown13.584 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.584	7.77 ug/l	2063	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Furanmethanol	98	C5H6O2	000098-00-0	27
2			1,5,7-Octatrien-3-ol, 2,6-dimethyl-	152	C10H16O	029414-56-0	22
3			4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	16
4			3,4-Pentadienal, 2,2-dimethyl-	110	C7H10O	004058-51-9	14
5			2-Hexene, 1-chloro-	118	C6H11Cl	035911-16-1	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022374.D
Acq On : 21 May 2025 17:52
Operator : SY/MD
Sample : Q2087-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-05202025

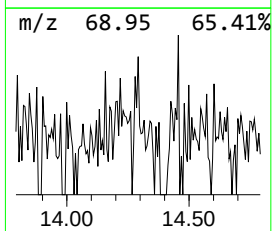
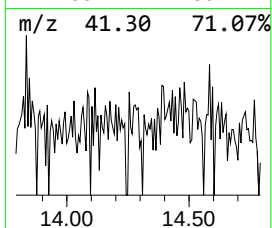
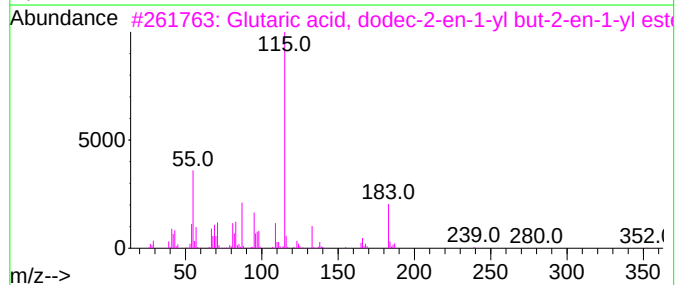
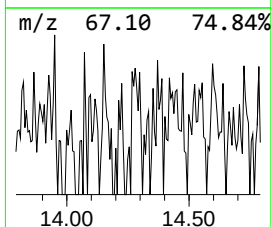
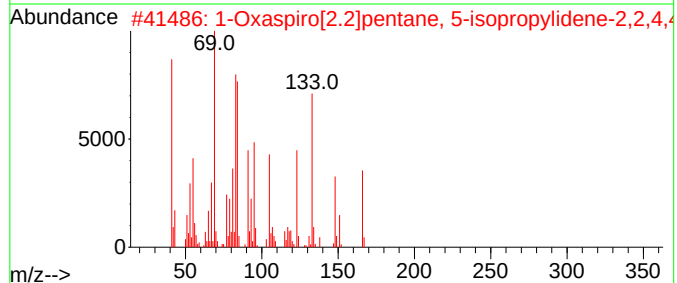
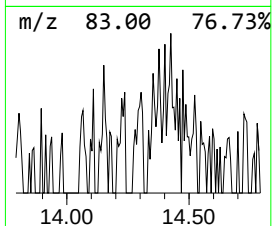
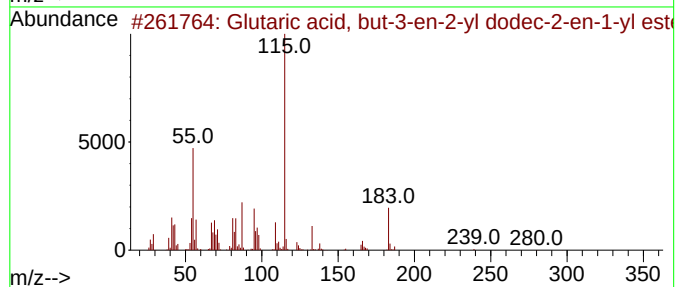
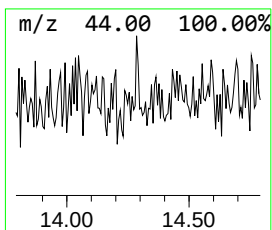
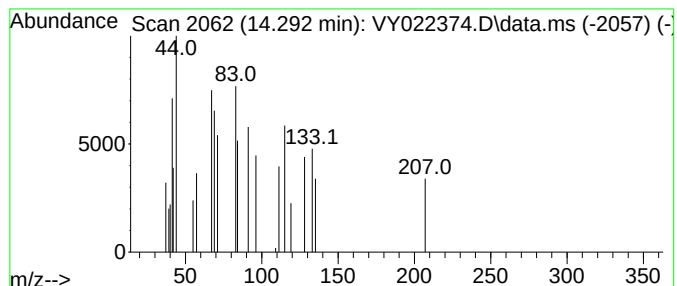
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.291 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.291	12.71 ug/l	3374	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Glutaric acid, but-3-en-2-yl dod...	352	C21H36O4	1000405-24-7	17
2			1-Oxaspiro[2.2]pentane, 5-isopro...	166	C11H18O	015448-69-8	12
3			Glutaric acid, dodec-2-en-1-yl b...	352	C21H36O4	1000405-04-5	10
4			3-Pentanone, dimethylhydrazone	128	C7H16N2	016795-73-6	9
5			MDMA methylene homolog	207	C12H17NO2	1010386-32-2	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022374.D
Acq On : 21 May 2025 17:52
Operator : SY/MD
Sample : Q2087-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-05202025

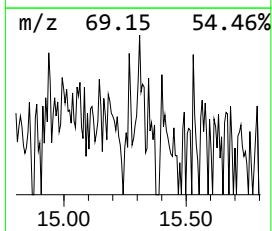
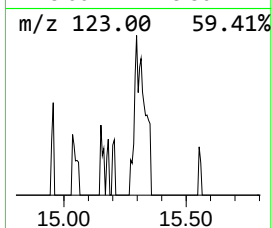
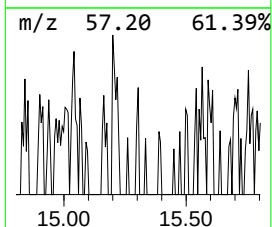
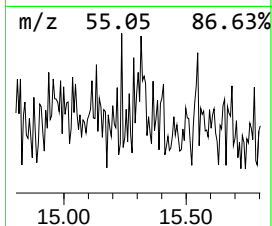
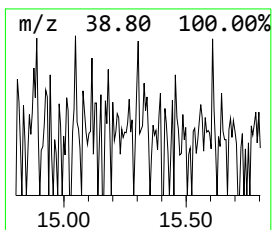
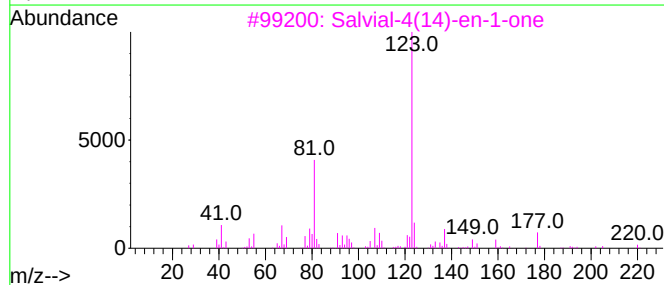
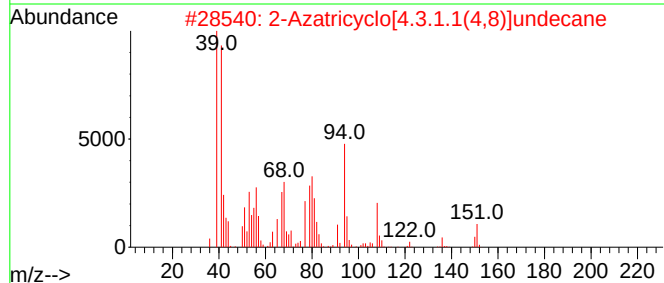
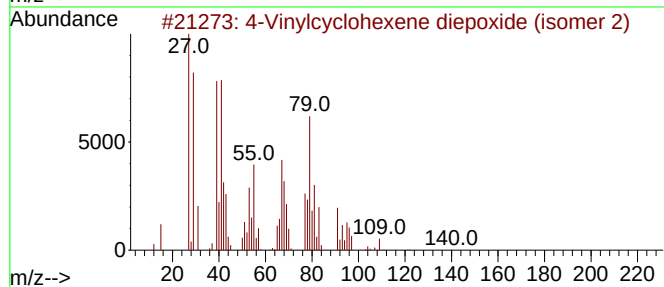
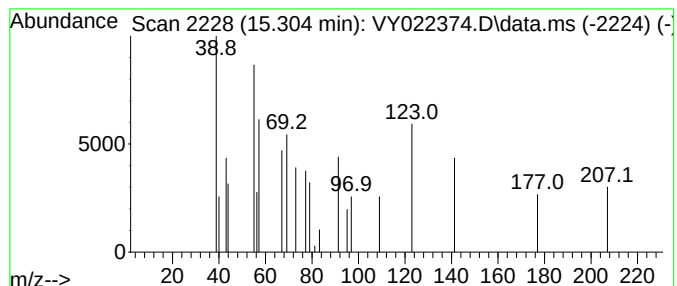
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.304 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	6.57 ug/l	1744	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Vinylcyclohexene diepoxide (is...	140	C8H12O2	1000444-67-8	33
2			2-Azatricyclo[4.3.1.1(4,8)]undecane	151	C10H17N	1010362-59-3	9
3			Salvial-4(14)-en-1-one	220	C15H24O	073809-82-2	9
4			Bicyclo[2.2.2]octane, 1-bromo-4-...	202	C9H15Br	000697-40-5	9
5			2-Fluorobenzoic acid, cyclohexyl...	222	C13H15FO2	000392-06-3	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022374.D
Acq On : 21 May 2025 17:52
Operator : SY/MD
Sample : Q2087-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-05202025

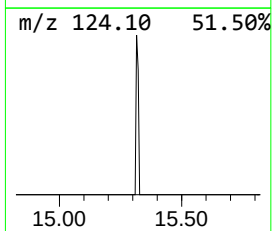
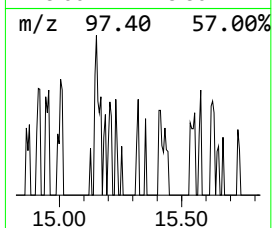
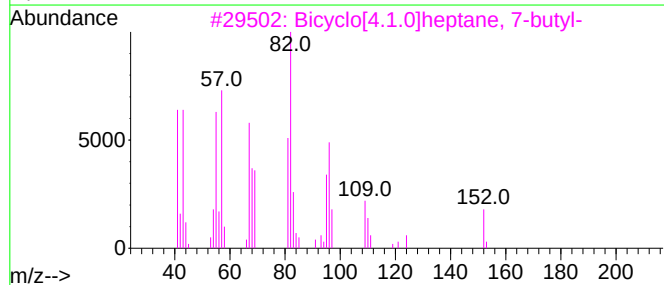
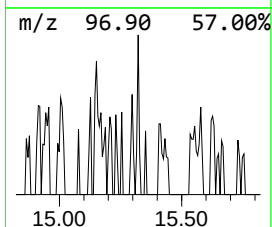
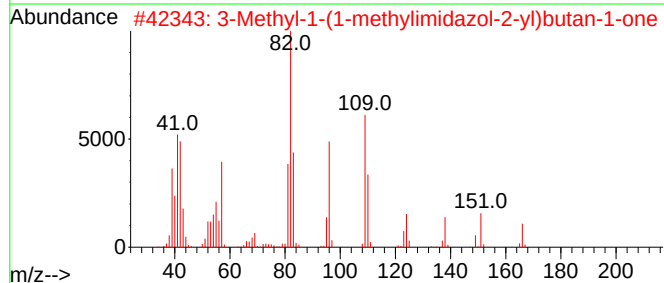
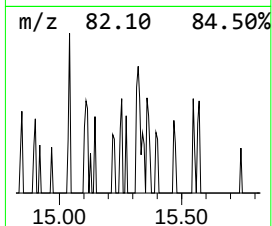
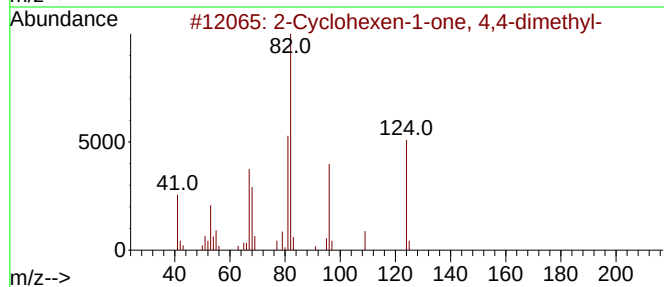
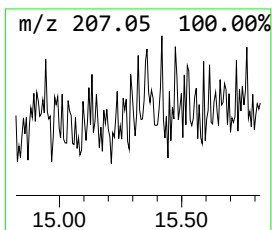
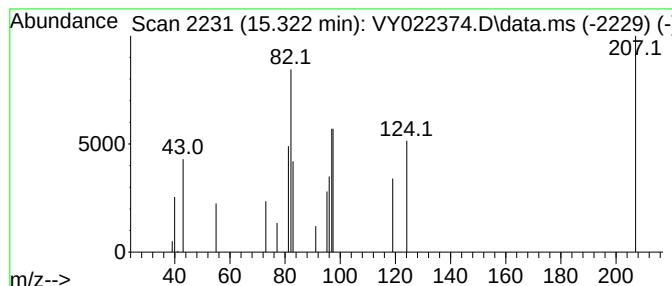
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.322 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	8.45 ug/l	2241	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	25		
2	3-Methyl-1-(1-methylimidazol-2-yl)butan-1-one	166	C9H14N2O	1000410-03-3	12		
3	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	10		
4	11-Tetradecen-1-ol, acetate, (Z)-	254	C16H30O2	020711-10-8	10		
5	8-Oxabicyclo[3.2.1]oct-6-en-3-one	124	C7H8O2	040458-77-3	10		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022374.D
Acq On : 21 May 2025 17:52
Operator : SY/MD
Sample : Q2087-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-05202025

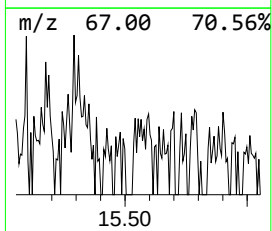
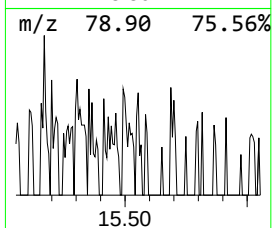
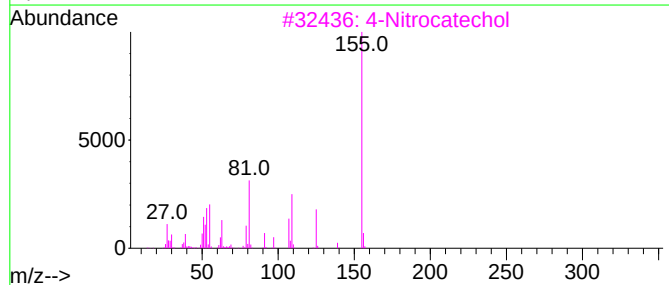
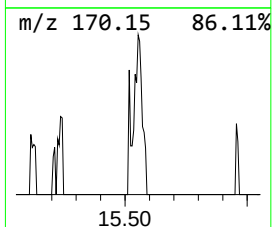
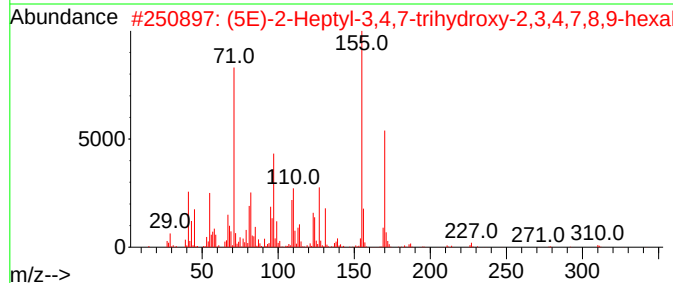
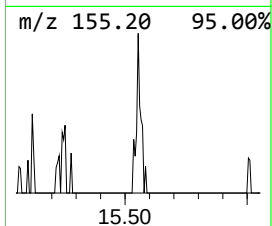
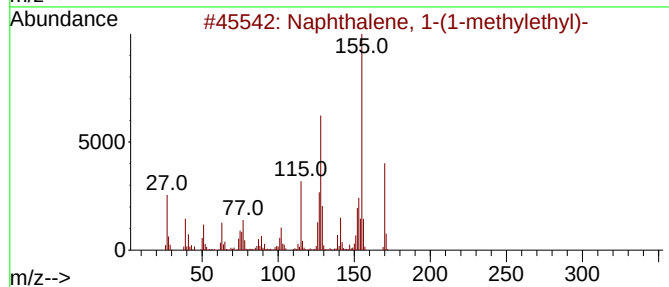
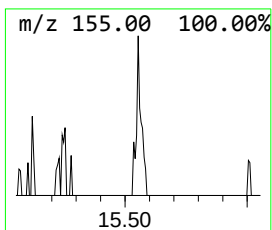
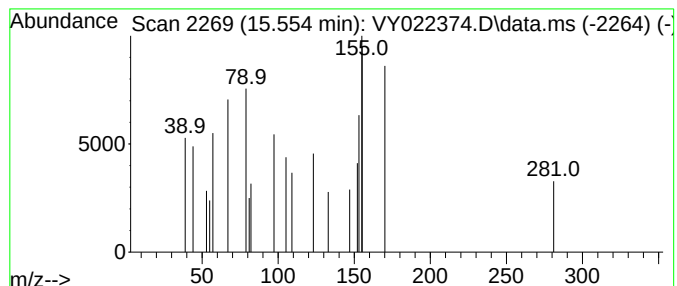
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Quant Title : SW846 8260

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

Peak Number 9 unknown15.554 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.554	6.07 ug/l	1612	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	38
2			(5E)-2-Heptyl-3,4,7-trihydroxy-2...	342	C19H34O5	1000503-21-9	17
3			4-Nitrocatechol	155	C6H5NO4	003316-09-4	9
4			2(1H)Pyrimidinone,4-(dimethylami...	153	C7H11N3O	002228-27-5	9
5			1,3,3-Trimethyl-2-thiabicyclo[2...	170	C10H18S	1000306-33-6	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022374.D
Acq On : 21 May 2025 17:52
Operator : SY/MD
Sample : Q2087-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-05202025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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					#	RT	Resp	Conc
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unknown13.206	13.206	12.1	ug/l	3216	4	13.353	13268	50.0
unknown13.584	13.584	7.8	ug/l	2063	4	13.353	13268	50.0
unknown14.291	14.291	12.7	ug/l	3374	4	13.353	13268	50.0
unknown15.304	15.304	6.6	ug/l	1744	4	13.353	13268	50.0
unknown15.322	15.322	8.4	ug/l	2241	4	13.353	13268	50.0
unknown15.554	15.554	6.1	ug/l	1612	4	13.353	13268	50.0