

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022738.D
 Acq On : 18 Jun 2025 15:18
 Operator : SY/MD
 Sample : Q2358-01
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-06182025

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: VY022738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.001	43	46	50	rBV4	589	963	3.42%	0.503%
2	2.086	51	60	61	rBV5	8373	15515	55.09%	8.107%
3	2.263	85	89	91	rVB3	617	770	2.73%	0.402%
4	2.403	109	112	113	rVB2	707	688	2.44%	0.360%
5	2.434	113	117	120	rBV3	667	885	3.14%	0.462%
6	2.513	127	130	132	rBV2	703	605	2.15%	0.316%
7	2.580	139	141	145	rBV3	731	860	3.05%	0.449%
8	3.037	215	216	219	rVB2	635	530	1.88%	0.277%
9	3.074	219	222	223	rBV2	639	678	2.41%	0.354%
10	3.312	257	261	264	rVB3	598	840	2.98%	0.439%
11	3.495	287	291	294	rBV2	417	515	1.83%	0.269%
12	4.427	442	444	448	rVB3	779	1073	3.81%	0.561%
13	4.470	448	451	453	rBV	565	693	2.46%	0.362%
14	4.647	478	480	484	rVB3	616	630	2.24%	0.329%
15	4.732	492	494	500	rVB3	557	628	2.23%	0.328%
16	4.848	510	513	514	rVB2	589	546	1.94%	0.285%
17	5.153	559	563	564	rBV2	440	609	2.16%	0.318%
18	5.671	645	648	651	rBV3	537	700	2.49%	0.366%
19	6.195	731	734	735	rBV	455	502	1.78%	0.262%
20	6.531	788	789	793	rVB2	614	540	1.92%	0.282%
21	6.610	798	802	803	rBV3	547	785	2.79%	0.410%
22	6.866	840	844	847	rVB2	578	894	3.17%	0.467%
23	7.250	903	907	910	rVB2	534	646	2.29%	0.338%
24	7.281	910	912	916	rVB3	502	577	2.05%	0.302%
25	7.396	929	931	935	rBV2	571	893	3.17%	0.467%
26	7.622	964	968	969	rBV3	689	864	3.07%	0.451%
27	7.713	976	983	990	rVB5	3096	7800	27.69%	4.076%
28	7.835	1001	1003	1004	rBV2	712	530	1.88%	0.277%
29	7.860	1004	1007	1010	rVB	608	894	3.17%	0.467%
30	7.896	1010	1013	1014	rBV	445	592	2.10%	0.309%
31	8.055	1034	1039	1045	rBV6	1739	3982	14.14%	2.081%
32	8.232	1067	1068	1072	rBV2	552	817	2.90%	0.427%
33	8.366	1088	1090	1094	rVB3	358	508	1.80%	0.265%
34	8.536	1115	1118	1120	rBV2	583	772	2.74%	0.403%
35	8.610	1123	1130	1137	rVV2	5262	10695	37.97%	5.589%
36	8.774	1154	1157	1159	rBV3	633	723	2.57%	0.378%

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37	9.061	1202	1204	1207	rBV	686	729	2.59%	0.381%
38	9.103	1209	1211	1215	rVB2	458	523	1.86%	0.273%
39	9.317	1245	1246	1251	rVB2	594	589	2.09%	0.308%
40	9.372	1251	1255	1258	rBV	587	1067	3.79%	0.558%
41	9.670	1299	1304	1306	rBV	597	664	2.36%	0.347%
42	9.908	1340	1343	1344	rBV3	696	676	2.40%	0.353%
43	10.103	1370	1375	1384	rVB3	6744	13193	46.84%	6.894%
44	10.317	1406	1410	1411	rVB2	444	510	1.81%	0.266%
45	10.414	1423	1426	1427	rBV2	473	532	1.89%	0.278%
46	10.664	1465	1467	1470	rBV3	540	930	3.30%	0.486%
47	10.707	1472	1474	1477	rVB2	525	503	1.79%	0.263%
48	10.969	1515	1517	1519	rBV	581	643	2.28%	0.336%
49	11.036	1524	1528	1529	rBV2	565	724	2.57%	0.378%
50	11.213	1554	1557	1558	rBV	913	823	2.92%	0.430%
51	11.414	1584	1590	1597	rBV3	5170	8579	30.46%	4.483%
52	11.475	1597	1600	1602	rBV3	819	634	2.25%	0.331%
53	11.749	1641	1645	1646	rBV2	644	650	2.31%	0.340%
54	11.902	1664	1670	1672	rBV4	899	1595	5.66%	0.833%
55	11.957	1677	1679	1680	rBV2	670	516	1.83%	0.270%
56	12.133	1707	1708	1711	rBV3	550	602	2.14%	0.315%
57	12.164	1711	1713	1715	rBV2	508	504	1.79%	0.263%
58	12.213	1719	1721	1722	rBV2	627	526	1.87%	0.275%
59	12.255	1727	1728	1730	rVB2	649	513	1.82%	0.268%
60	12.402	1749	1752	1758	rVV6	2150	3571	12.68%	1.866%
61	12.450	1758	1760	1763	rVB3	715	749	2.66%	0.391%
62	12.548	1772	1776	1777	rBV2	601	704	2.50%	0.368%
63	12.591	1777	1783	1787	rBV6	1776	4703	16.70%	2.457%
64	12.737	1803	1807	1808	rBV2	1197	1459	5.18%	0.762%
65	13.048	1854	1858	1861	rVB3	1153	1781	6.32%	0.931%
66	13.139	1870	1873	1877	rVB2	617	745	2.65%	0.389%
67	13.182	1877	1880	1884	rBV2	414	730	2.59%	0.381%
68	13.225	1885	1887	1893	rVB3	646	796	2.83%	0.416%
69	13.286	1893	1897	1899	rBV4	789	981	3.48%	0.513%
70	13.340	1903	1906	1908	rBV3	1876	2546	9.04%	1.330%
71	13.542	1933	1939	1942	rBV5	1867	2548	9.05%	1.331%
72	13.590	1942	1947	1949	rBV3	1152	1567	5.56%	0.819%
73	13.627	1949	1953	1956	rBV4	1309	2356	8.37%	1.231%
74	13.718	1965	1968	1969	rBV	567	515	1.83%	0.269%
75	14.011	2010	2016	2019	rBV3	799	1379	4.90%	0.721%
76	14.054	2019	2023	2024	rBV3	758	834	2.96%	0.436%

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77	14.072	2024	2026	2030	rVB4	737	976	3.47%	0.510%
78	14.151	2037	2039	2043	rBV3	574	581	2.06%	0.304%
79	14.340	2067	2070	2073	rVB4	453	567	2.01%	0.296%
80	14.535	2090	2102	2112	rBV4	10499	28164	100.00%	14.717%
81	14.663	2118	2123	2125	rBV4	907	1705	6.05%	0.891%
82	14.706	2128	2130	2134	rVB2	464	570	2.02%	0.298%
83	14.865	2153	2156	2161	rVB4	898	1289	4.58%	0.674%
84	14.913	2161	2164	2166	rBV3	814	1161	4.12%	0.607%
85	14.980	2173	2175	2177	rVB2	809	509	1.81%	0.266%
86	15.041	2183	2185	2188	rBV3	471	526	1.87%	0.275%
87	15.072	2188	2190	2192	rBV2	663	642	2.28%	0.335%
88	15.139	2196	2201	2206	rBV3	2712	4850	17.22%	2.534%
89	15.224	2206	2215	2217	rBV4	4873	10653	37.82%	5.567%
90	15.340	2233	2234	2239	rVB2	1007	954	3.39%	0.499%
91	15.407	2243	2245	2247	rBV2	854	661	2.35%	0.345%
92	15.493	2254	2259	2261	rBV3	356	719	2.55%	0.376%
93	15.584	2273	2274	2277	rVB3	664	584	2.07%	0.305%
94	15.688	2286	2291	2293	rBV2	571	774	2.75%	0.404%
95	15.864	2319	2320	2323	rVB2	702	602	2.14%	0.315%
96	15.895	2323	2325	2327	rBV3	706	629	2.23%	0.329%
97	16.017	2340	2345	2348	rBV6	703	950	3.37%	0.496%
98	16.169	2366	2370	2371	rBV3	2204	3138	11.14%	1.640%
99	16.358	2399	2401	2404	rBV3	1068	1297	4.61%	0.678%
100	16.675	2444	2453	2455	rBV5	1608	3942	14.00%	2.060%

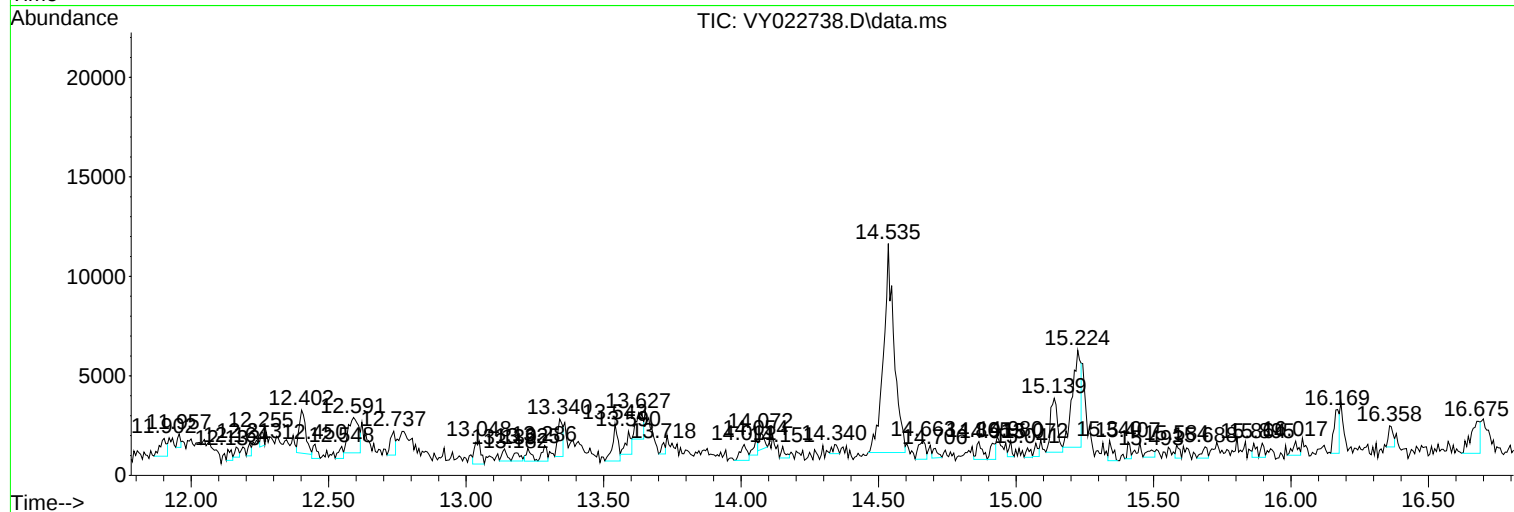
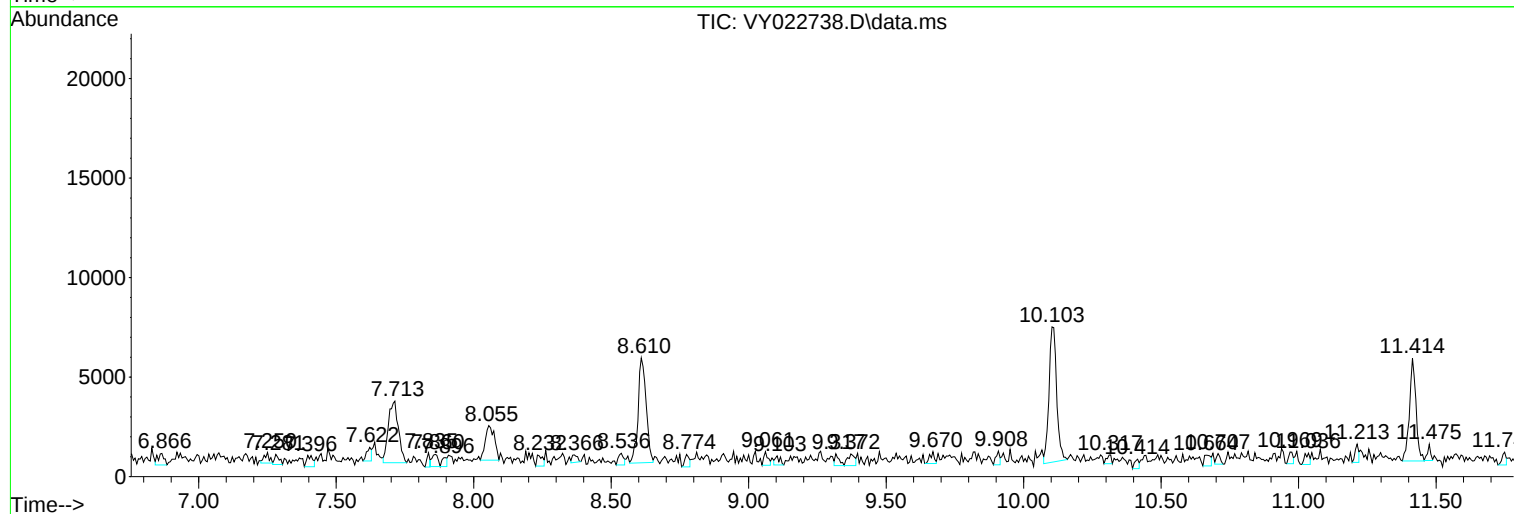
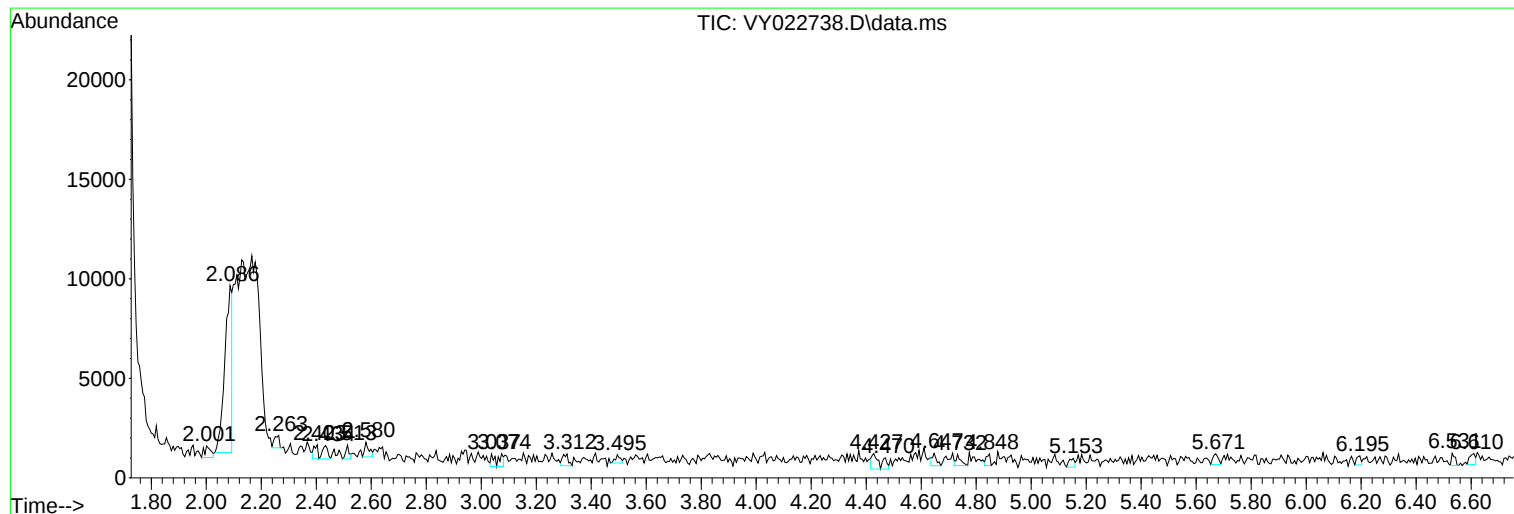
Sum of corrected areas: 191374

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Instrument :
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NB-07-06182025

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



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Instrument :
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NB-07-06182025

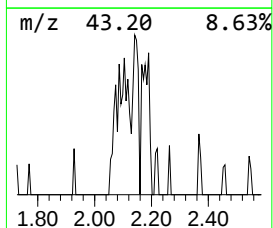
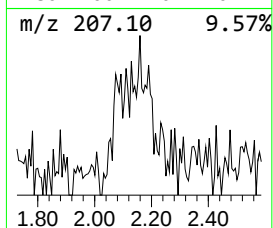
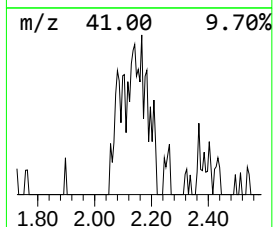
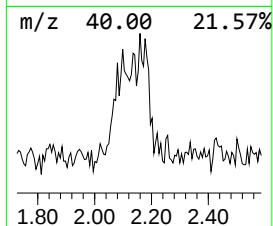
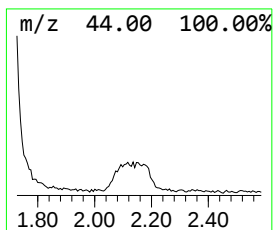
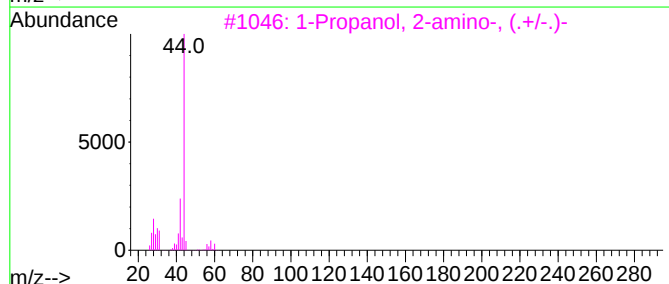
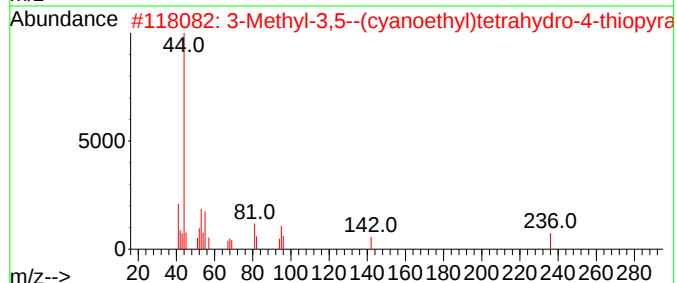
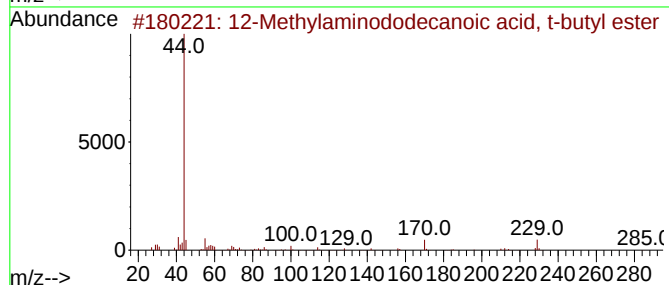
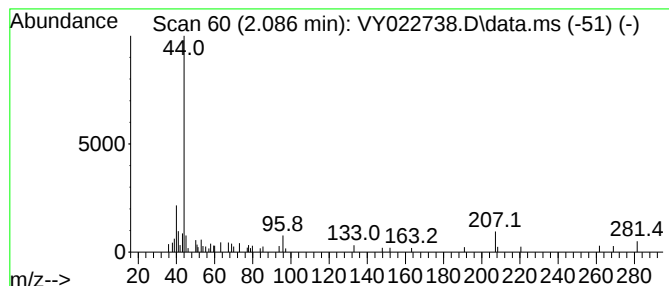
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown2.086 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.086	99.46 ug/l	15515	Pentafluorobenzene	7.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			12-Methylaminododecanoic acid, t...	285	C17H35NO2	1000194-27-6	36
2			3-Methyl-3,5--(cyanoethyl)tetrah...	236	C12H16N2OS	1000140-32-3	36
3			1-Propanol, 2-amino-, (+/-)-	75	C3H9NO	006168-72-5	33
4			(3-Cyclopentylpropyl)methylamine	141	C9H19N	1024127-49-8	33
5			Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	9



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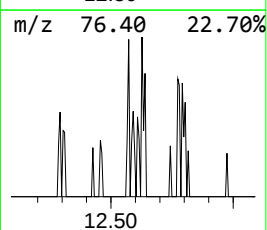
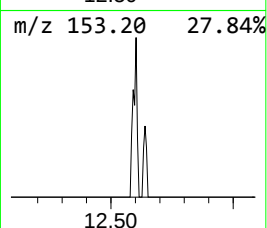
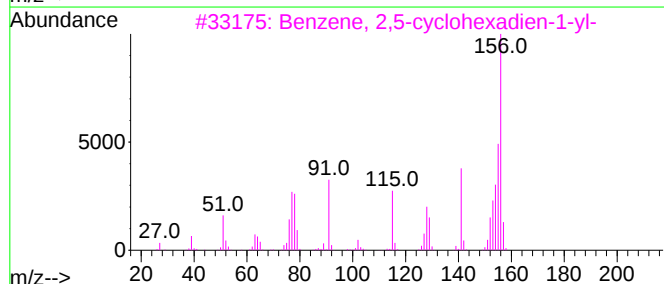
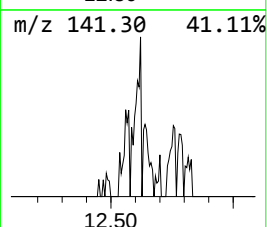
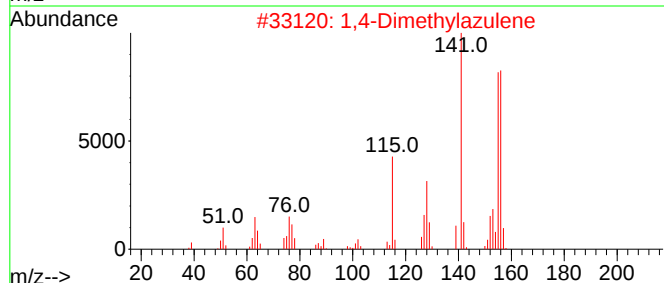
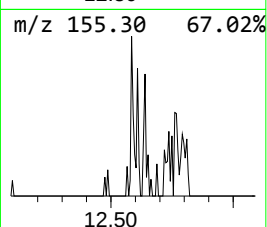
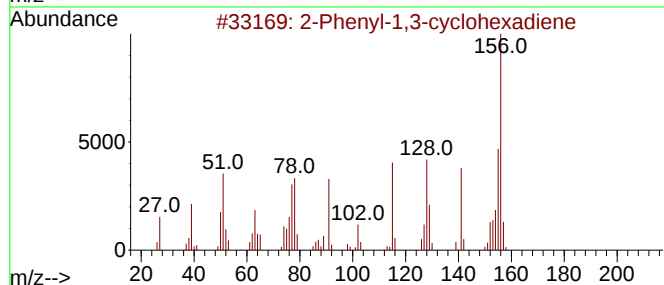
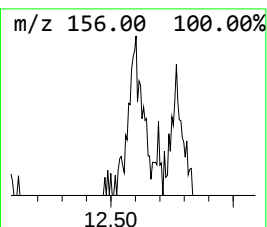
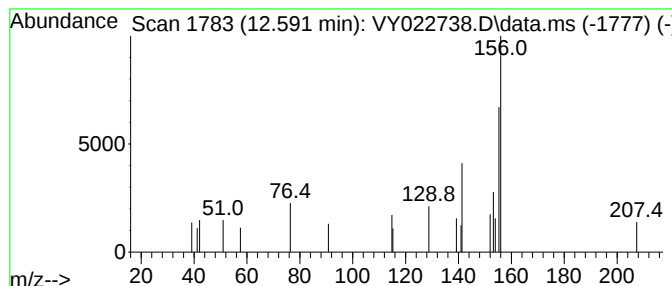
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Quant Title : SW846 8260

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Peak Number 2 2-Phenyl-1,3-cyclohexadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	92.36 ug/l	4703	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenyl-1,3-cyclohexadiene	156	C12H12	015619-34-8	64
2			1,4-Dimethylazulene	156	C12H12	001127-69-1	59
3			Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	58
4			Benzene, 1,3-cyclohexadien-1-yl-	156	C12H12	015619-32-6	53
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	50



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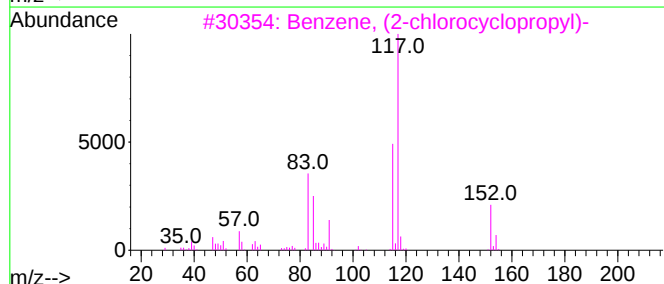
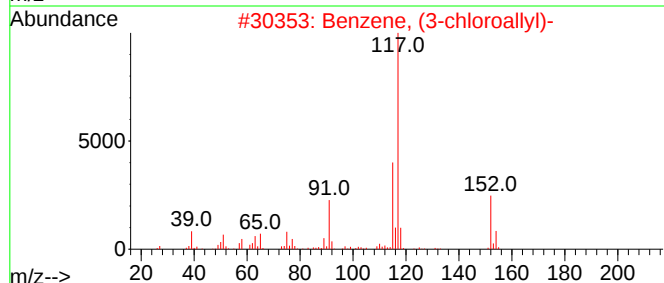
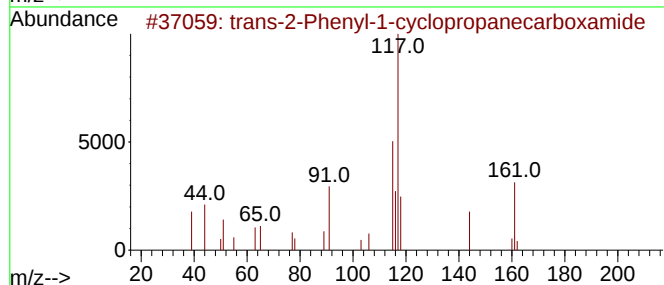
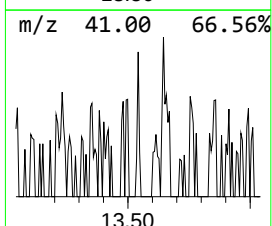
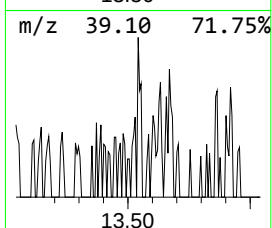
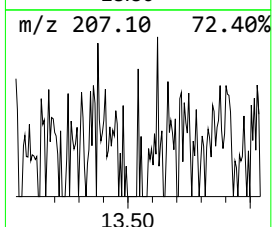
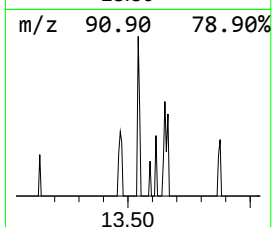
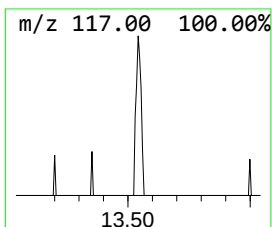
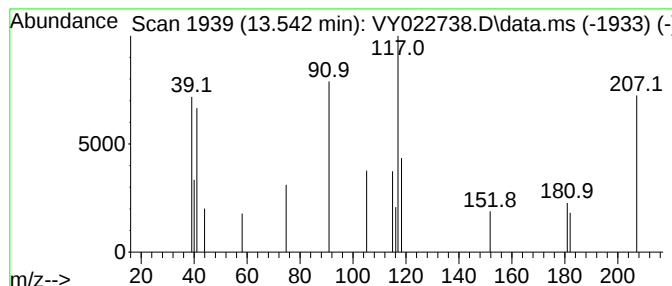
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Quant Title : SW846 8260

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

Peak Number 4 unknown13.542 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.542	50.04 ug/l	2548	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-2-Phenyl-1-cyclopropanecar...	161	C10H11NO	1010072-84-3	17
2			Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	9
3			Benzene, (2-chlorocyclopropyl)-	152	C9H9Cl	1000327-31-4	9
4			Benzene, (3-chloro-1-propenyl)-	152	C9H9Cl	002687-12-9	9
5			Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022738.D
Acq On : 18 Jun 2025 15:18
Operator : SY/MD
Sample : Q2358-01
Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

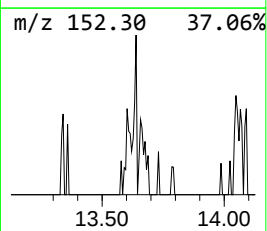
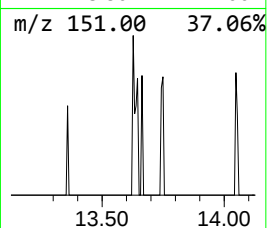
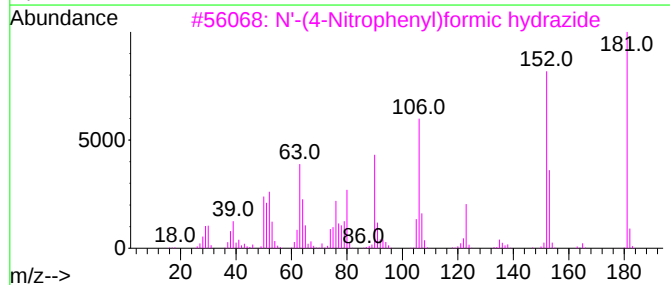
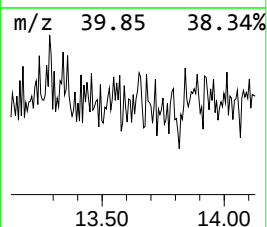
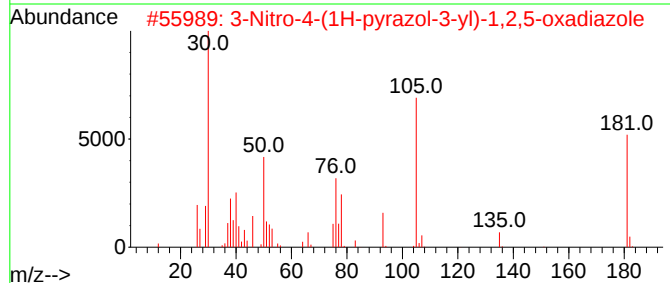
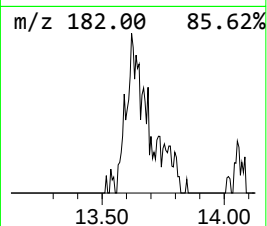
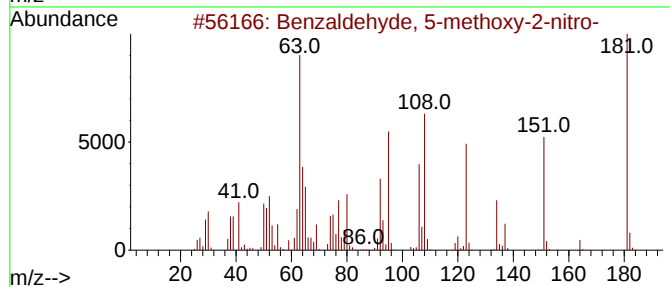
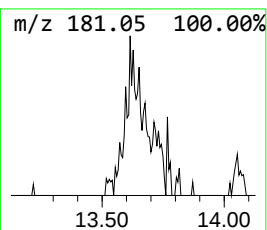
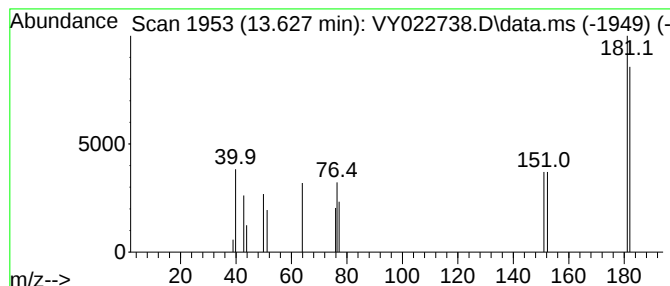
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Quant Title : SW846 8260

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

Peak Number 5 unknown13.627 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.627	46.27 ug/l	2356	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 5-methoxy-2-nitro-	181	C8H7NO4	020357-24-8	27
2			3-Nitro-4-(1H-pyrazol-3-yl)-1,2,...	181	C5H3N5O3	1000445-04-8	17
3			N'-(4-Nitrophenyl)formic hydrazide	181	C7H7N3O3	006632-39-9	9
4			N-Hydroxy-3-nitro-benzamidine	181	C7H7N3O3	1000300-21-1	9
5			4a,9a-Dihydro-1,3,4,5,6,8,9,10-o...	418	C8H2S10	1000233-38-1	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022738.D
Acq On : 18 Jun 2025 15:18
Operator : SY/MD
Sample : Q2358-01
Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

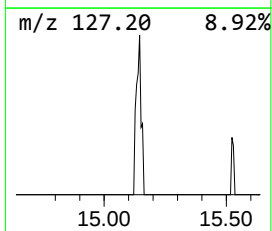
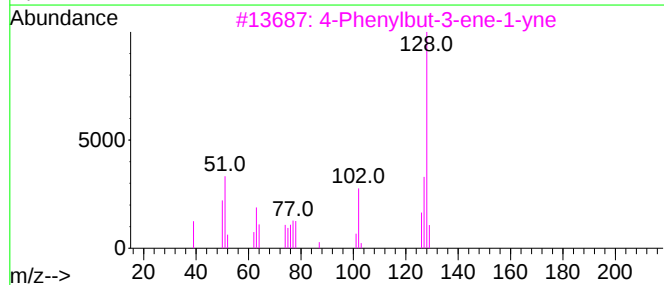
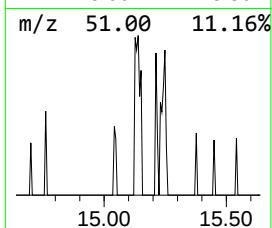
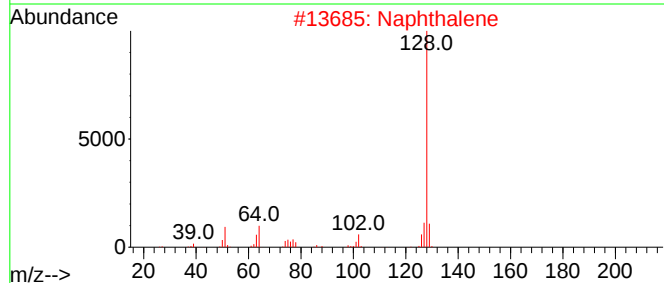
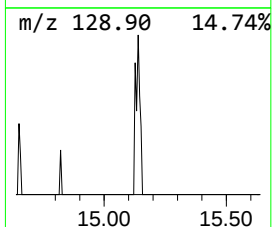
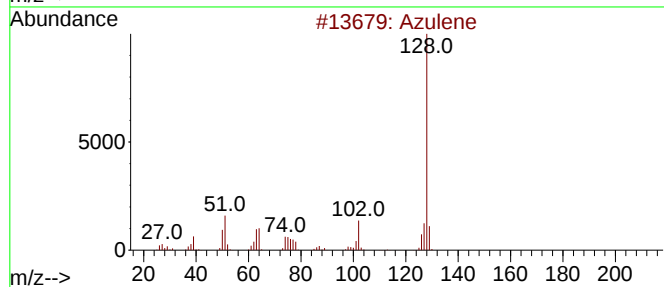
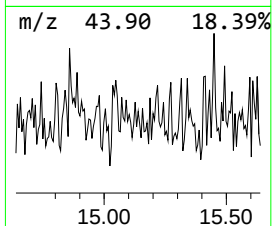
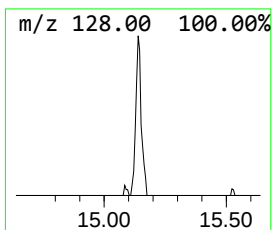
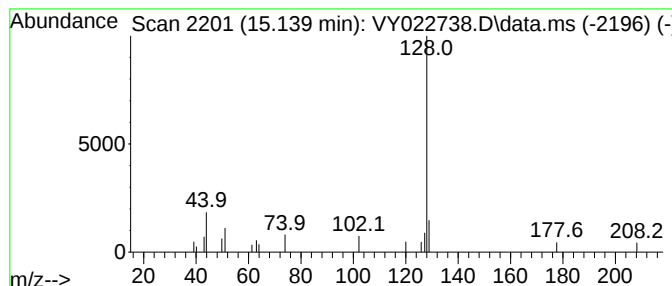
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Quant Title : SW846 8260

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

Peak Number 7 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	95.25 ug/l	4850	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	80
2			Naphthalene	128	C10H8	000091-20-3	72
3			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	72
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	56
5			4-Fluorobenzene-1,2-diol	128	C6H5FO2	000367-32-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022738.D
Acq On : 18 Jun 2025 15:18
Operator : SY/MD
Sample : Q2358-01
Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

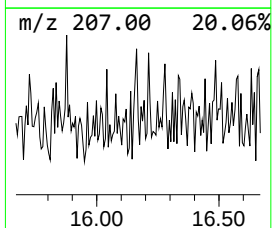
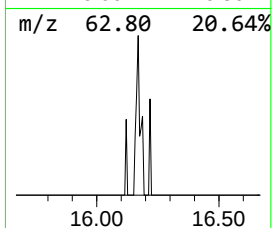
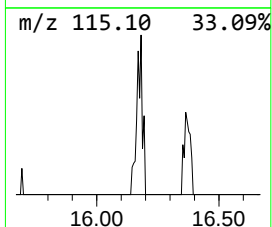
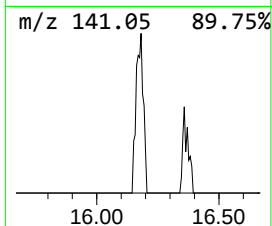
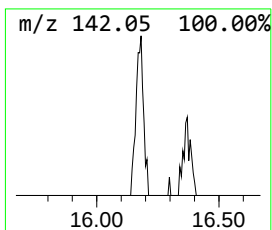
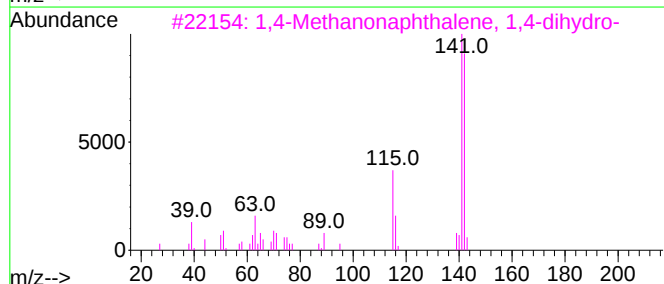
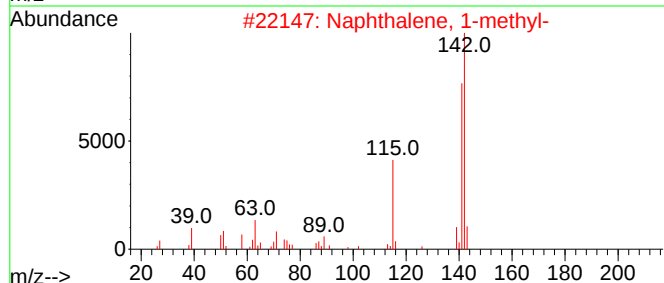
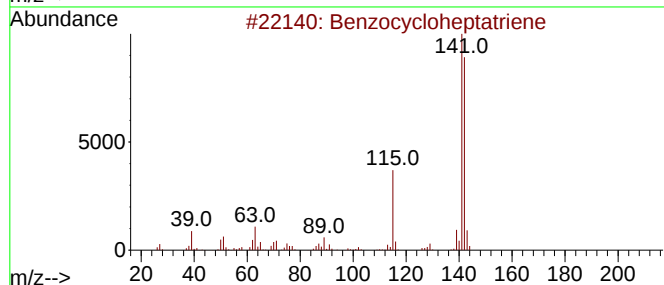
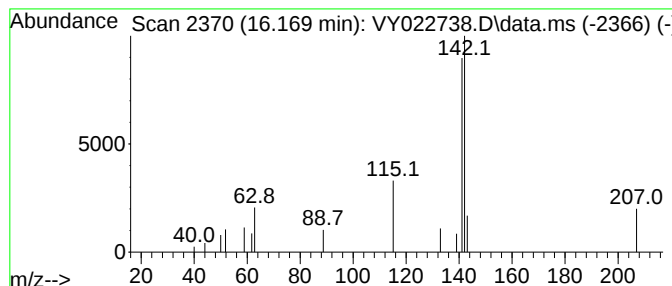
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzocycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	61.63 ug/l	3138	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzocycloheptatriene	142	C11H10	000264-09-5	72
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	72
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	72
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	59
5			3,5-Difluorobenzaldehyde	142	C7H4F2O	032085-88-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022738.D
Acq On : 18 Jun 2025 15:18
Operator : SY/MD
Sample : Q2358-01
Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Phenyl-1,3-cy...	12.591	92.4	ug/l	4703	4	13.353	2546	50.0
unknown13.542	13.542	50.0	ug/l	2548	4	13.353	2546	50.0
unknown13.627	13.627	46.3	ug/l	2356	4	13.353	2546	50.0
Azulene	15.139	95.3	ug/l	4850	4	13.353	2546	50.0
Benzocyclohepta...	16.169	61.6	ug/l	3138	4	13.353	2546	50.0