

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021674.D
 Acq On : 27 Mar 2025 18:08
 Operator : SY/MD
 Sample : Q1656-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ239

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\82Y032725S.M

Title : SW846 8260

Signal : TIC: VY021674.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.794	11	12	17	rVB	2041	1692	10.17%	1.131%
2	1.970	40	41	44	rVB2	577	511	3.07%	0.342%
3	2.031	48	51	52	rBV2	686	524	3.15%	0.350%
4	2.074	52	58	59	rBV2	2587	3478	20.91%	2.325%
5	2.092	59	61	64	rVV3	2599	4299	25.84%	2.874%
6	2.123	64	66	69	rVV3	2988	4720	28.38%	3.155%
7	2.159	70	72	75	rVV4	3523	4841	29.10%	3.236%
8	2.190	75	77	84	rVB3	3051	4970	29.88%	3.322%
9	2.361	103	105	107	rBV	673	614	3.69%	0.410%
10	2.476	123	124	127	rBV2	549	492	2.96%	0.329%
11	2.556	135	137	139	rVB2	675	598	3.60%	0.400%
12	2.617	145	147	149	rBV2	675	492	2.96%	0.329%
13	2.690	157	159	161	rBV2	747	696	4.18%	0.465%
14	2.714	161	163	165	rVB2	830	599	3.60%	0.400%
15	2.745	165	168	173	rBV3	306	453	2.72%	0.303%
16	2.799	175	177	179	rBV	429	467	2.81%	0.312%
17	2.879	184	190	191	rBV3	373	741	4.45%	0.495%
18	3.037	213	216	219	rVB3	420	434	2.61%	0.290%
19	3.116	226	229	230	rVB2	553	495	2.98%	0.331%
20	3.153	233	235	240	rVB3	466	500	3.01%	0.334%
21	3.415	275	278	280	rBV3	399	497	2.99%	0.332%
22	3.434	280	281	284	rVB3	511	463	2.78%	0.310%
23	3.635	310	314	315	rBV2	355	458	2.75%	0.306%
24	3.732	328	330	332	rBV	507	453	2.72%	0.303%
25	4.007	370	375	376	rBV	705	655	3.94%	0.438%
26	4.025	376	378	382	rVV3	409	569	3.42%	0.380%
27	4.092	387	389	392	rVB2	529	594	3.57%	0.397%
28	4.147	395	398	402	rBV3	564	581	3.49%	0.388%
29	4.189	402	405	408	rBV3	356	500	3.01%	0.334%
30	4.257	415	416	420	rBV2	376	497	2.99%	0.332%
31	4.354	429	432	436	rBV3	522	792	4.76%	0.529%
32	4.555	463	465	470	rVB2	508	730	4.39%	0.488%
33	4.628	474	477	478	rBV2	400	505	3.04%	0.338%
34	5.214	567	573	575	rVB2	347	542	3.26%	0.362%
35	5.421	605	607	611	rBV2	339	447	2.69%	0.299%
36	5.518	620	623	626	rBV3	385	522	3.14%	0.349%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021674.D
 Acq On : 27 Mar 2025 18:08
 Operator : SY/MD
 Sample : Q1656-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ239

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\82Y032725S.M
 Title : SW846 8260

37	5.586	630	634	638	rBV2	451	712	4.28%	0.476%
38	5.640	638	643	645	rVB2	513	817	4.91%	0.546%
39	5.793	666	668	671	rVB2	542	528	3.17%	0.353%
40	5.823	671	673	674	rBV	529	455	2.74%	0.304%
41	6.031	706	707	712	rVB2	470	437	2.63%	0.292%
42	6.079	712	715	718	rBV2	409	644	3.87%	0.431%
43	6.256	742	744	746	rBV2	492	454	2.73%	0.303%
44	6.463	775	778	781	rVB2	577	742	4.46%	0.496%
45	6.616	801	803	805	rBV2	671	575	3.46%	0.384%
46	6.902	848	850	854	rVB2	420	478	2.87%	0.320%
47	7.128	883	887	890	rBV3	622	1042	6.26%	0.697%
48	7.189	894	897	900	rBV3	520	739	4.44%	0.494%
49	7.634	963	970	976	rBV4	3265	6479	38.95%	4.331%
50	7.707	976	982	991	rVB3	4330	10350	62.22%	6.919%
51	7.866	1001	1008	1009	rBV2	508	761	4.57%	0.509%
52	8.030	1032	1035	1036	rBV2	661	617	3.71%	0.412%
53	8.061	1036	1040	1046	rVV5	3540	7878	47.36%	5.266%
54	8.103	1046	1047	1051	rVB3	668	647	3.89%	0.433%
55	8.164	1051	1057	1059	rBV3	482	910	5.47%	0.608%
56	8.335	1080	1085	1086	rBV2	522	574	3.45%	0.384%
57	8.451	1101	1104	1107	rVB2	511	611	3.67%	0.408%
58	8.616	1124	1131	1140	rVB2	6870	13631	81.95%	9.112%
59	9.097	1207	1210	1214	rBV2	370	530	3.19%	0.354%
60	9.231	1230	1232	1235	rBV2	371	472	2.84%	0.316%
61	9.439	1263	1266	1270	rBV2	385	565	3.40%	0.378%
62	9.707	1309	1310	1313	rBV	522	473	2.84%	0.316%
63	9.902	1338	1342	1343	rBV2	492	489	2.94%	0.327%
64	9.975	1351	1354	1355	rBV2	643	632	3.80%	0.422%
65	10.109	1370	1376	1384	rBV	9845	16634	100.00%	11.120%
66	10.408	1424	1425	1429	rVB3	394	462	2.78%	0.309%
67	10.487	1437	1438	1443	rVB2	679	716	4.30%	0.479%
68	10.572	1451	1452	1457	rVB2	542	725	4.36%	0.485%
69	10.700	1470	1473	1475	rVB2	542	520	3.13%	0.348%
70	10.792	1484	1488	1489	rBV3	323	522	3.14%	0.349%
71	11.115	1536	1541	1543	rVB2	342	485	2.92%	0.324%
72	11.420	1586	1591	1599	rVB	7602	12588	75.68%	8.415%
73	11.566	1612	1615	1618	rVB	521	518	3.11%	0.346%
74	11.871	1663	1665	1669	rVB2	529	534	3.21%	0.357%
75	11.969	1679	1681	1684	rVB2	491	488	2.93%	0.326%
76	12.115	1704	1705	1708	rBV	472	455	2.74%	0.304%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021674.D
 Acq On : 27 Mar 2025 18:08
 Operator : SY/MD
 Sample : Q1656-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ239

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\82Y032725S.M
 Title : SW846 8260

77	12.408	1745	1753	1761	rBV5	2492	4664	28.04%	3.118%
78	12.645	1790	1792	1794	rBV2	555	449	2.70%	0.300%
79	12.877	1827	1830	1834	rBV	418	532	3.20%	0.356%
80	13.182	1878	1880	1883	rBV2	507	503	3.02%	0.336%
81	13.346	1902	1907	1917	rVB3	1822	3766	22.64%	2.518%
82	13.493	1928	1931	1934	rBV3	403	450	2.71%	0.301%
83	13.621	1948	1952	1953	rBV3	495	552	3.32%	0.369%
84	13.669	1957	1960	1962	rVV	483	597	3.59%	0.399%
85	13.706	1964	1966	1969	rBV3	517	664	3.99%	0.444%
86	13.913	1998	2000	2003	rVB2	593	652	3.92%	0.436%
87	13.950	2003	2006	2008	rBV2	497	685	4.12%	0.458%
88	14.182	2042	2044	2049	rBV3	538	835	5.02%	0.558%
89	14.608	2111	2114	2115	rBV2	575	562	3.38%	0.376%
90	14.840	2149	2152	2155	rVB	392	556	3.34%	0.372%
91	14.877	2155	2158	2161	rBV2	454	491	2.95%	0.328%
92	15.011	2177	2180	2182	rVB2	403	456	2.74%	0.305%
93	15.169	2204	2206	2210	rBV4	527	863	5.19%	0.577%
94	15.346	2233	2235	2239	rVB2	599	774	4.65%	0.517%
95	15.596	2273	2276	2279	rBV3	392	508	3.05%	0.340%
96	15.669	2285	2288	2290	rBV2	411	483	2.90%	0.323%
97	16.401	2404	2408	2409	rVB2	487	521	3.13%	0.348%
98	16.425	2409	2412	2415	rBV3	285	479	2.88%	0.320%
99	16.620	2441	2444	2446	rVB3	752	593	3.56%	0.396%
100	16.760	2462	2467	2468	rBV2	432	644	3.87%	0.431%

Sum of corrected areas: 149589

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021674.D
Acq On : 27 Mar 2025 18:08
Operator : SY/MD
Sample : Q1656-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ239

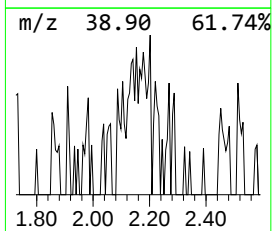
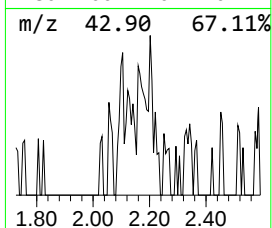
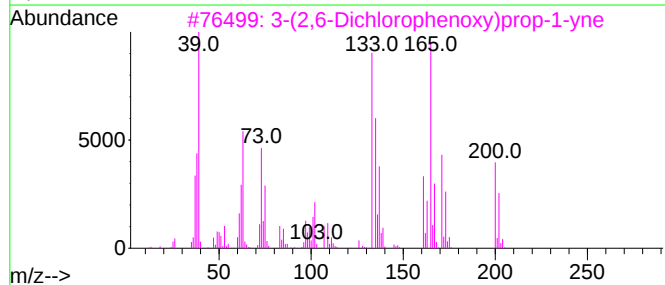
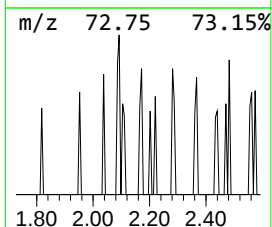
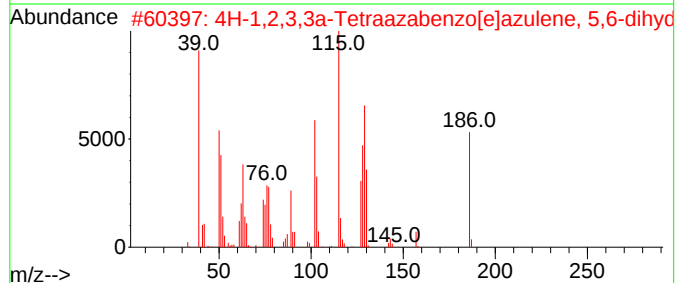
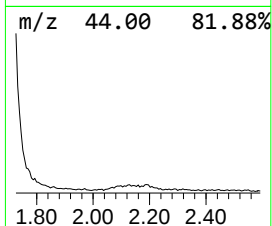
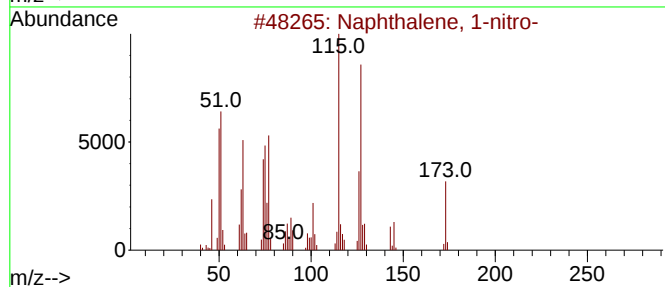
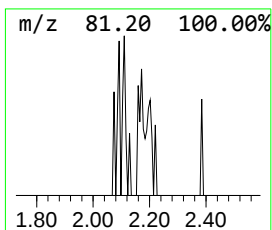
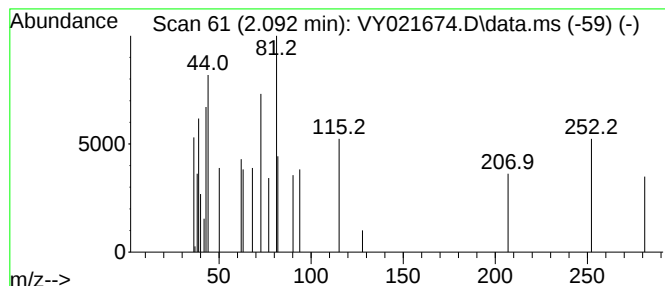
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown2.092 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.092	20.77 ug/l	4299	Pentafluorobenzene	7.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-nitro-	173	C10H7NO2	000086-57-7	25
2			4H-1,2,3,3a-Tetraazabenz[e]azul...	186	C10H10N4	1000310-85-8	9
3			3-(2,6-Dichlorophenoxy)prop-1-yne	200	C9H6Cl2O	003598-66-1	9
4			Benzofurazan, 5-nitro-	165	C6H3N3O3	018772-11-7	9
5			Phenol, 2,3-dibromo-	250	C6H4Br2O	057383-80-9	7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021674.D
Acq On : 27 Mar 2025 18:08
Operator : SY/MD
Sample : Q1656-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ239

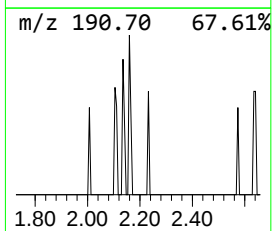
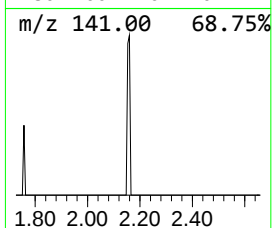
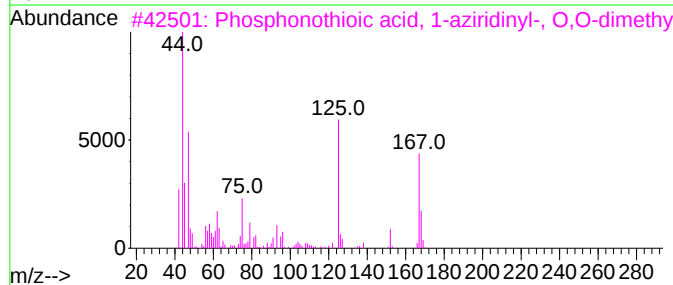
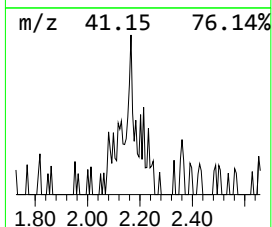
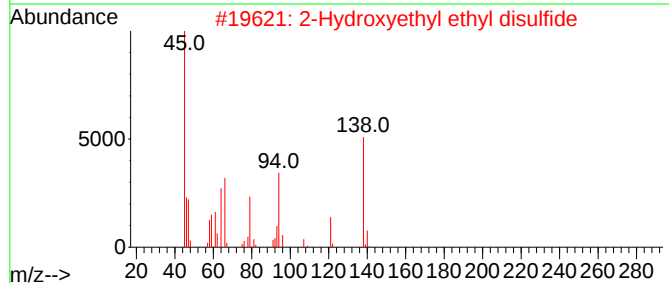
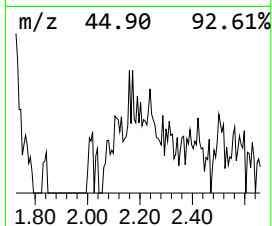
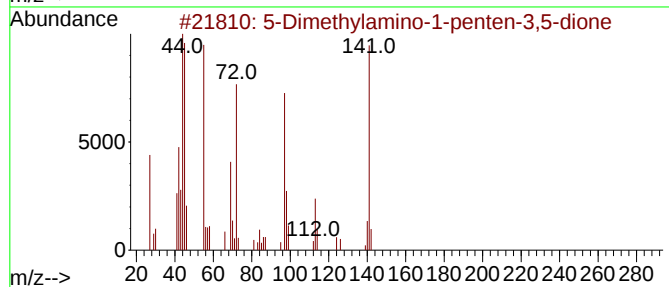
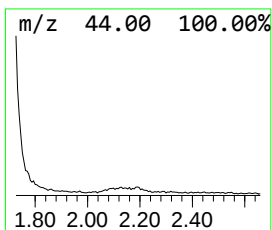
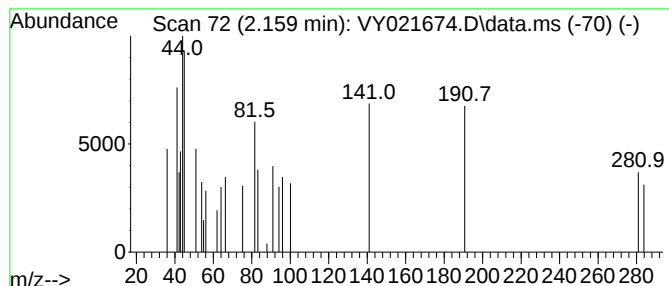
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown2.159 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.159	23.39 ug/l	4841	Pentafluorobenzene	7.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Dimethylamino-1-penten-3,5-dione	141	C7H11NO2	063354-23-4	27
2			2-Hydroxyethyl ethyl disulfide	138	C4H10OS2	004151-67-1	12
3			Phosphonothioic acid, 1-aziridin...	167	C4H10NO2PS	023165-77-7	10
4			6-Nitrocoumarin	191	C9H5NO4	002725-81-7	9
5			Bicyclo[2.2.1]heptane-1-carboxyl...	218	C8H11BrO2	074830-47-0	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021674.D
Acq On : 27 Mar 2025 18:08
Operator : SY/MD
Sample : Q1656-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ239

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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
unknown2.092	2.092	20.8	ug/l	4299	1	7.707	10350	50.0
unknown2.159	2.159	23.4	ug/l	4841	1	7.707	10350	50.0