

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
 Data File : VY023529.D
 Acq On : 21 Oct 2025 12:38
 Operator : SY/MD
 Sample : Q3393-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-S08-013038-20251017

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\82Y100725S.M

Title : SW846 8260

Signal : TIC: VY023529.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.482	118	125	139	rBV	15245	58534	1.08%	0.050%
2	3.873	342	353	362	rBV	35198	98522	1.81%	0.085%
3	4.610	464	474	494	rBV5	16376	65387	1.20%	0.056%
4	6.890	838	848	861	rBV3	42844	136671	2.51%	0.117%
5	7.640	959	971	976	rBV	508858	1250981	23.02%	1.075%
6	7.713	976	983	991	rVV	877665	2019761	37.16%	1.736%
7	7.793	991	996	1007	rVB2	48860	127073	2.34%	0.109%
8	8.061	1030	1040	1053	rVB2	432508	1036479	19.07%	0.891%
9	8.201	1054	1063	1069	rVV5	44252	113683	2.09%	0.098%
10	8.274	1069	1075	1080	rVV3	29840	69047	1.27%	0.059%
11	8.341	1080	1086	1096	rVB2	59571	140018	2.58%	0.120%
12	8.616	1122	1131	1142	rBV	1303817	2592250	47.69%	2.228%
13	9.109	1199	1212	1218	rBV3	325275	942254	17.34%	0.810%
14	9.170	1218	1222	1230	rVB	137319	258230	4.75%	0.222%
15	9.298	1237	1243	1248	rVB2	29913	54680	1.01%	0.047%
16	9.390	1248	1258	1266	rVB	233180	508337	9.35%	0.437%
17	9.536	1275	1282	1291	rVB2	278900	530644	9.76%	0.456%
18	9.689	1301	1307	1311	rBV	126084	232417	4.28%	0.200%
19	9.731	1311	1314	1321	rVB2	83447	142618	2.62%	0.123%
20	9.865	1329	1336	1341	rBV2	157379	307417	5.66%	0.264%
21	9.920	1341	1345	1351	rVB	125439	209303	3.85%	0.180%
22	9.999	1351	1358	1368	rBV4	91230	280254	5.16%	0.241%
23	10.103	1368	1375	1390	rBV	2741997	5435480	100.00%	4.672%
24	10.231	1390	1396	1399	rBV	138274	249697	4.59%	0.215%
25	10.292	1399	1406	1414	rVB4	311567	909897	16.74%	0.782%
26	10.408	1414	1425	1428	rBV	250728	496283	9.13%	0.427%
27	10.451	1428	1432	1437	rVB	388184	637789	11.73%	0.548%
28	10.548	1437	1448	1452	rBV4	261019	686273	12.63%	0.590%
29	10.591	1452	1455	1459	rVB	110056	152378	2.80%	0.131%
30	10.640	1459	1463	1468	rVB	262545	391527	7.20%	0.337%
31	10.688	1468	1471	1473	rBV2	46352	67678	1.25%	0.058%
32	10.731	1473	1478	1483	rVB	570826	880680	16.20%	0.757%
33	10.835	1483	1495	1501	rBV	422680	1124741	20.69%	0.967%
34	10.896	1501	1505	1509	rBV4	216000	322779	5.94%	0.277%
35	10.963	1512	1516	1520	rVV	531630	803229	14.78%	0.690%
36	11.018	1520	1525	1531	rVB	1842407	3092025	56.89%	2.658%

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Stop Thrs : 0

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37	11.072	1531	1534	1538	rVB2	197464	246563	4.54%	0.212%
38	11.133	1538	1544	1548	rBV3	713786	1341720	24.68%	1.153%
39	11.176	1548	1551	1554	rBV2	161667	187894	3.46%	0.162%
40	11.225	1554	1559	1567	rVB	727416	1396455	25.69%	1.200%
41	11.304	1567	1572	1576	rBV2	300564	525011	9.66%	0.451%
42	11.347	1576	1579	1585	rVB5	87835	128167	2.36%	0.110%
43	11.414	1585	1590	1595	rBV	1735355	2780922	51.16%	2.390%
44	11.554	1608	1613	1616	rBV	396543	616254	11.34%	0.530%
45	11.603	1616	1621	1626	rVV4	707243	1551904	28.55%	1.334%
46	11.664	1626	1631	1635	rVV	1076597	2032157	37.39%	1.747%
47	11.706	1635	1638	1643	rVB2	822216	1300771	23.93%	1.118%
48	11.767	1643	1648	1652	rBV2	320547	580392	10.68%	0.499%
49	11.816	1652	1656	1659	rBV3	101662	159832	2.94%	0.137%
50	11.859	1659	1663	1667	rVB3	261691	398793	7.34%	0.343%
51	11.932	1667	1675	1681	rBV4	1181161	2889651	53.16%	2.484%
52	11.987	1681	1684	1686	rBV2	122954	114090	2.10%	0.098%
53	12.017	1686	1689	1690	rBV	191043	207615	3.82%	0.178%
54	12.048	1690	1694	1698	rVB	1532072	2020112	37.17%	1.736%
55	12.091	1698	1701	1702	rBV2	107348	117160	2.16%	0.101%
56	12.127	1702	1707	1709	rBV2	950639	1449500	26.67%	1.246%
57	12.164	1709	1713	1719	rVB2	1518381	2885953	53.09%	2.481%
58	12.298	1730	1735	1739	rBV6	537720	1180722	21.72%	1.015%
59	12.340	1739	1742	1748	rVB2	1010056	1625673	29.91%	1.397%
60	12.408	1748	1753	1757	rBV	1524315	2383782	43.86%	2.049%
61	12.450	1757	1760	1763	rBV2	194226	214063	3.94%	0.184%
62	12.493	1764	1767	1771	rBV4	198378	298356	5.49%	0.256%
63	12.566	1775	1779	1786	rVB2	1524054	2648321	48.72%	2.276%
64	12.651	1786	1793	1798	rBV5	648211	1665021	30.63%	1.431%
65	12.731	1798	1806	1811	rBV4	1559509	4163260	76.59%	3.578%
66	12.779	1812	1814	1819	rVB2	864670	1249486	22.99%	1.074%
67	12.840	1820	1824	1825	rBV2	263564	366553	6.74%	0.315%
68	12.871	1825	1829	1833	rVB4	600312	852625	15.69%	0.733%
69	12.926	1833	1838	1840	rBV3	461994	788320	14.50%	0.678%
70	12.962	1840	1844	1851	rVB	2504398	3692767	67.94%	3.174%
71	13.090	1862	1865	1870	rBV4	449258	718361	13.22%	0.617%
72	13.145	1870	1874	1877	rBV	642636	977556	17.98%	0.840%
73	13.243	1882	1890	1893	rBV3	1419815	3003480	55.26%	2.582%
74	13.285	1893	1897	1900	rVV4	645340	1030540	18.96%	0.886%
75	13.346	1900	1907	1916	rVB2	1540418	3196598	58.81%	2.748%
76	13.426	1916	1920	1924	rVB4	340291	423938	7.80%	0.364%

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77	13.487	1926	1930	1934	rVB3	692863	981802	18.06%	0.844%
78	13.535	1934	1938	1944	rVB3	455528	1055321	19.42%	0.907%
79	13.615	1945	1951	1952	rBV6	270323	509177	9.37%	0.438%
80	13.663	1954	1959	1964	rBV4	1568463	3035558	55.85%	2.609%
81	13.712	1964	1967	1972	rVB2	620225	880098	16.19%	0.756%
82	13.834	1984	1987	1993	rBV5	577419	897910	16.52%	0.772%
83	13.938	2000	2004	2009	rVB	894720	1296359	23.85%	1.114%
84	13.993	2009	2013	2018	rBV6	517733	862637	15.87%	0.741%
85	14.066	2020	2025	2030	rVB4	704724	1259746	23.18%	1.083%
86	14.115	2030	2033	2036	rBV4	315946	463837	8.53%	0.399%
87	14.176	2036	2043	2049	rVV7	1883482	5193279	95.54%	4.464%
88	14.230	2050	2052	2058	rVB5	480120	636475	11.71%	0.547%
89	14.297	2060	2063	2066	rVV4	528859	737835	13.57%	0.634%
90	14.340	2066	2070	2074	rVB3	1197354	1721434	31.67%	1.480%
91	14.535	2099	2102	2105	rBV4	442657	623869	11.48%	0.536%
92	14.596	2108	2112	2116	rVV3	1077126	1985671	36.53%	1.707%
93	14.645	2116	2120	2127	rVB	2940886	4487478	82.56%	3.857%
94	14.761	2137	2139	2142	rBV2	390529	455574	8.38%	0.392%
95	14.858	2152	2155	2159	rVB4	716107	962257	17.70%	0.827%
96	15.120	2193	2198	2203	rBV2	1860002	2884308	53.06%	2.479%
97	15.346	2231	2235	2242	rBV7	468970	1038243	19.10%	0.892%
98	15.505	2256	2261	2267	rVB4	1331094	2467585	45.40%	2.121%
99	16.047	2345	2350	2356	rVB2	836908	1427272	26.26%	1.227%
100	16.358	2397	2401	2407	rVB3	362162	642365	11.82%	0.552%

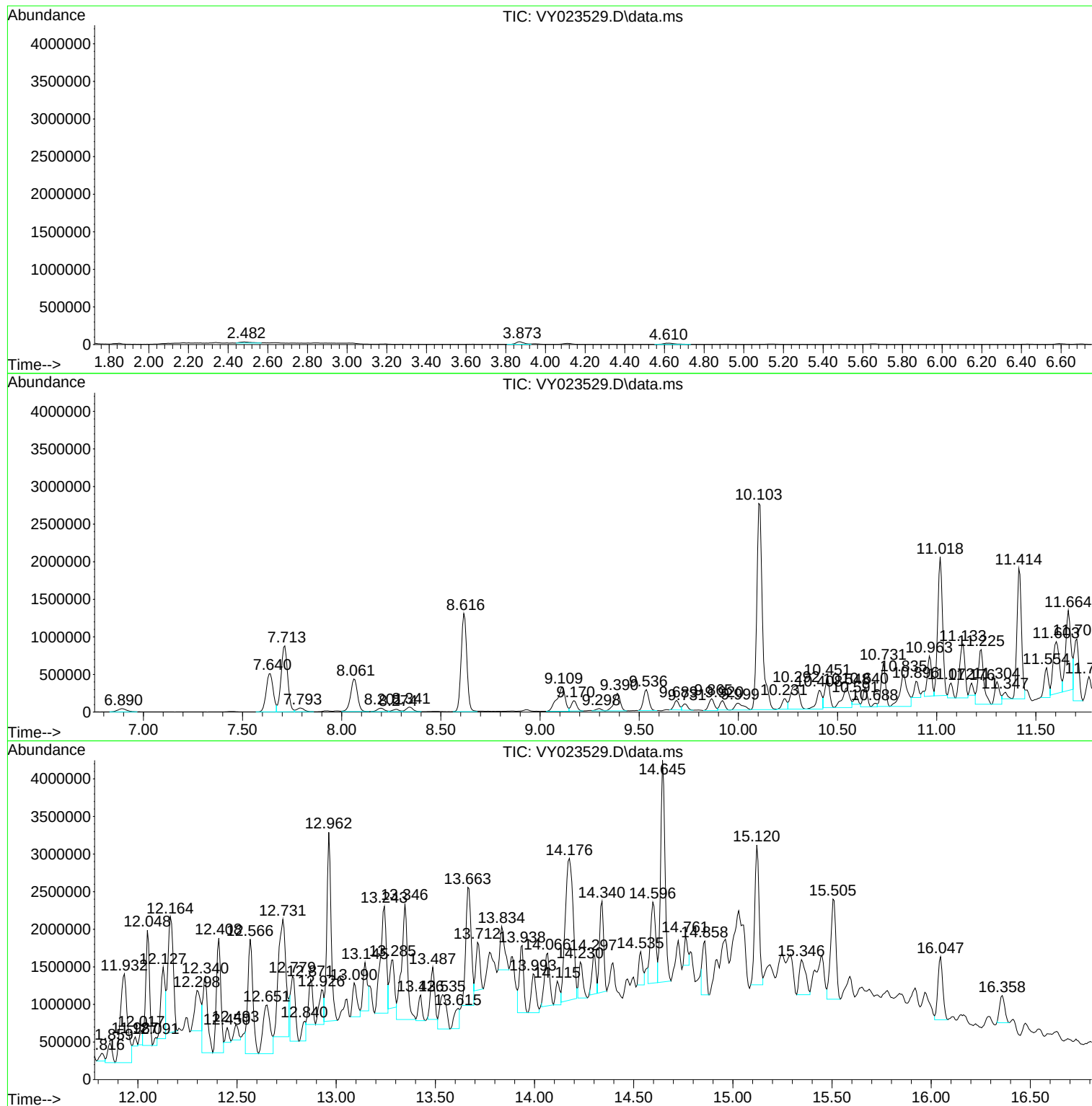
Sum of corrected areas: 116341444

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



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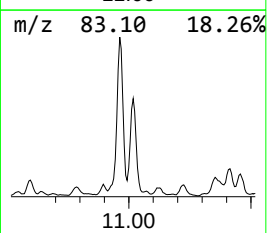
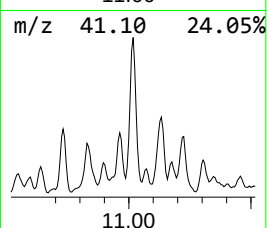
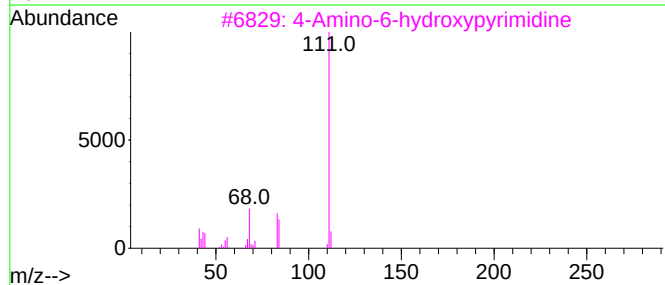
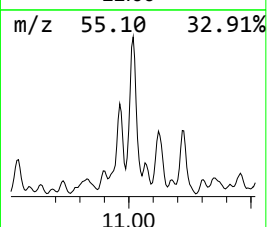
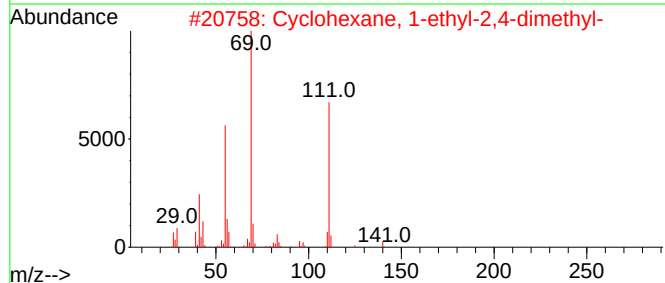
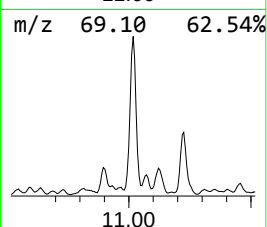
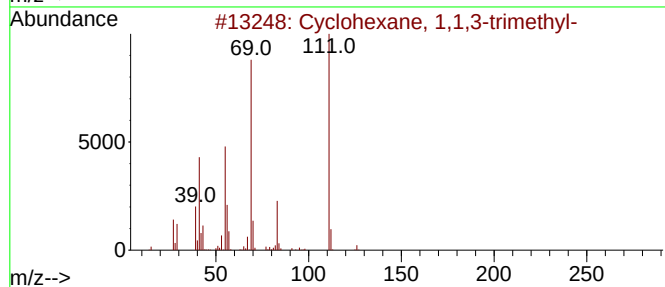
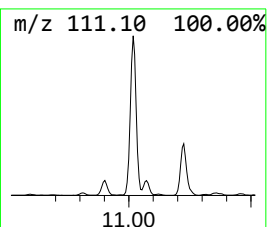
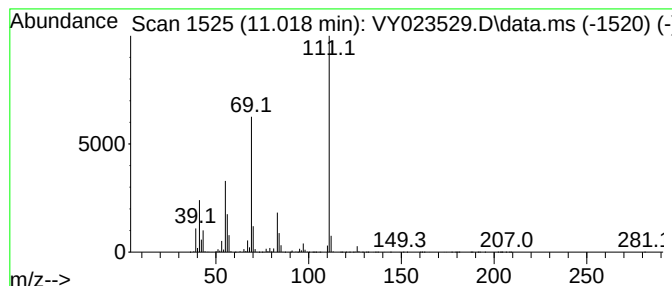
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.018	55.59 ug/l	3092030	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
3			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	64
4			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
5			Isomaltol	126	C6H6O3	003420-59-5	53



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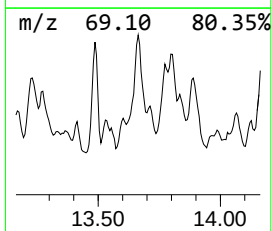
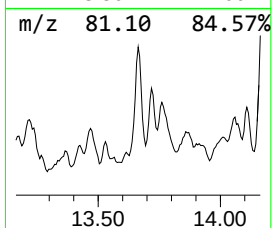
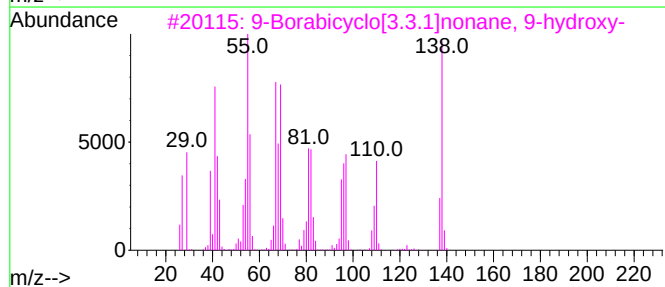
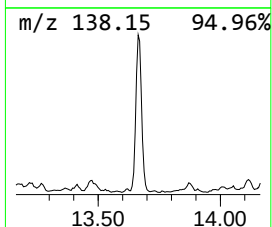
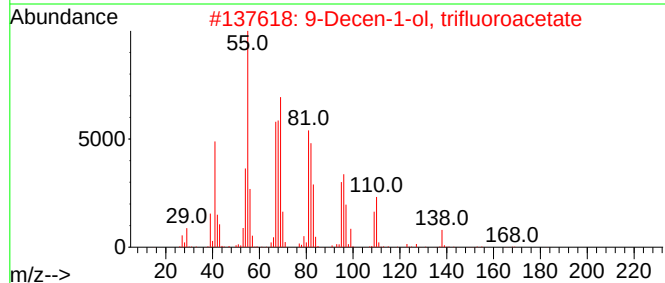
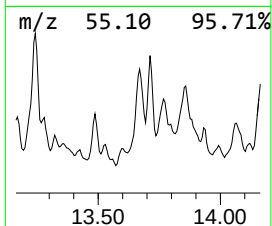
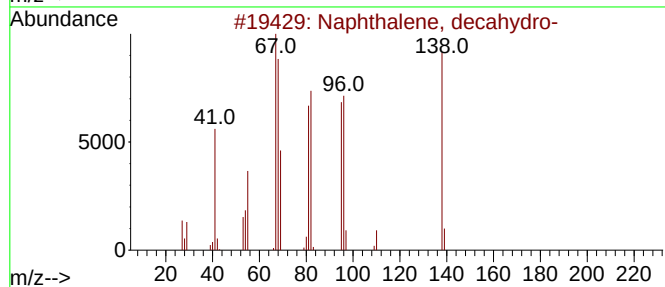
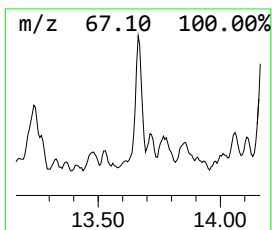
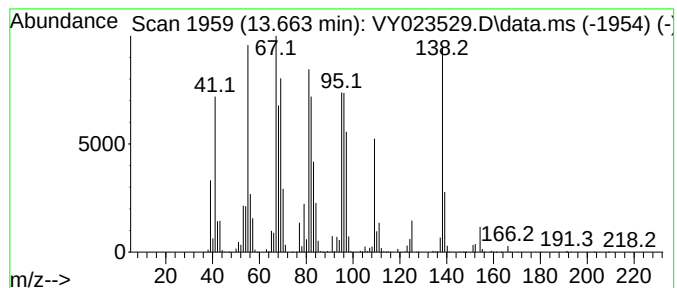
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, decahydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	47.48 ug/l	3035560	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	86
2			9-Decen-1-ol, trifluoroacetate	252	C12H19F3O2	1000352-65-9	64
3			9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	62
4			Spiro[4.5]decane	138	C10H18	000176-63-6	58
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	58



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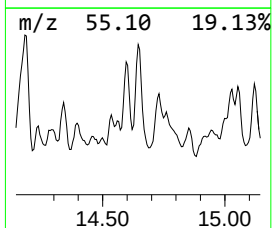
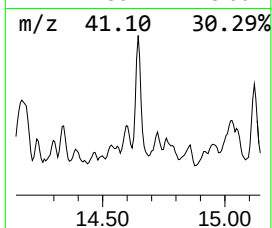
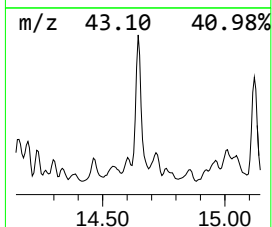
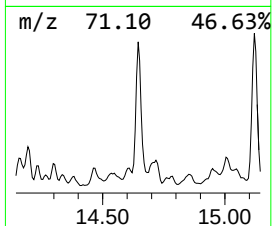
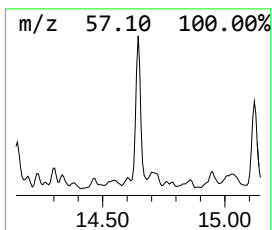
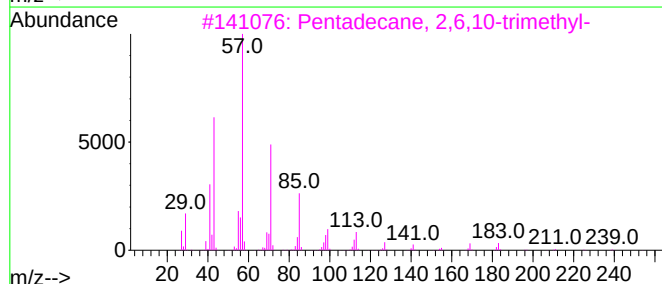
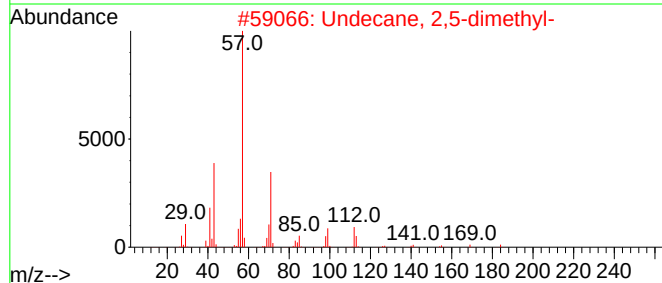
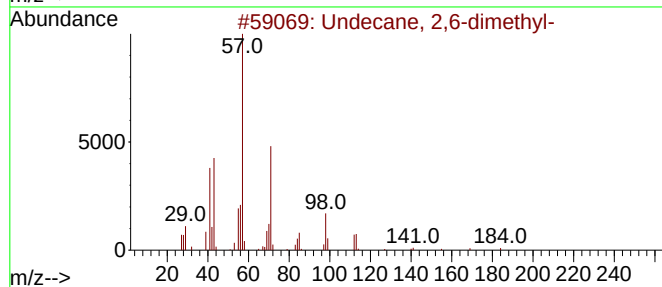
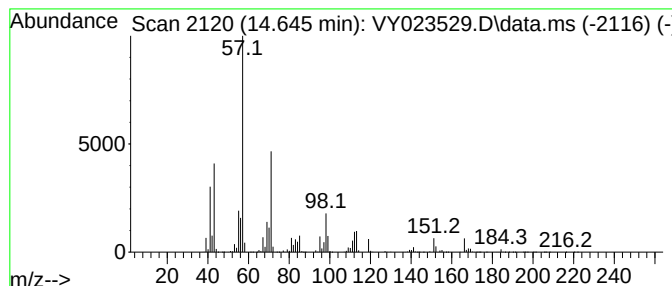
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Quant Title : SW846 8260

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	70.19 ug/l	4487480	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	55
3			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	53
4			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	50
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023529.D
Acq On : 21 Oct 2025 12:38
Operator : SY/MD
Sample : Q3393-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

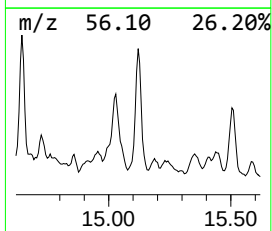
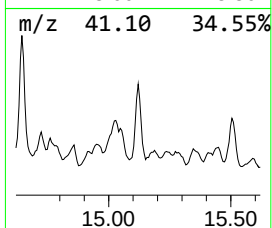
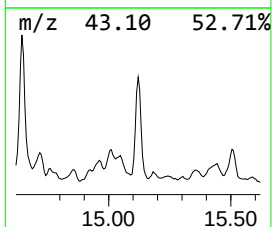
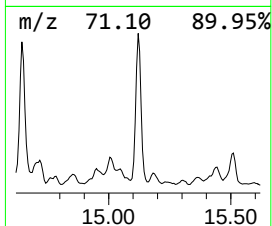
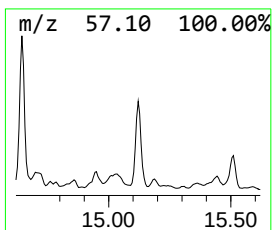
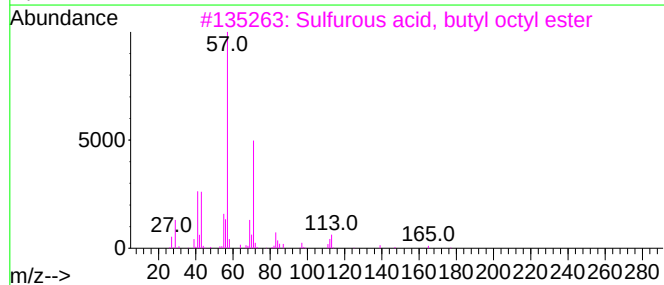
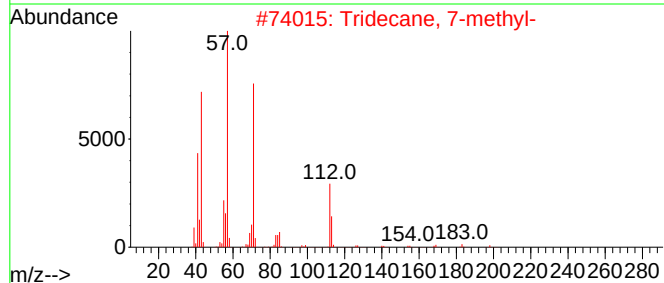
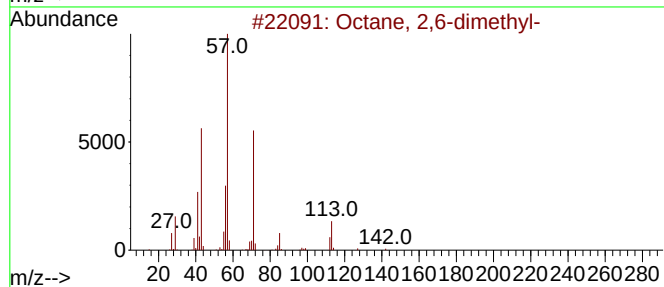
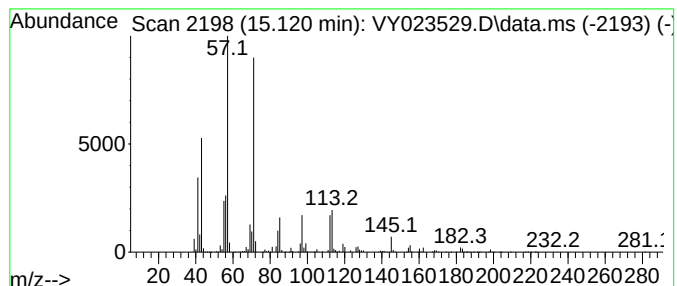
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Quant Title : SW846 8260

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

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	45.12 ug/l	2884310	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
3			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
4			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
5			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023529.D
Acq On : 21 Oct 2025 12:38
Operator : SY/MD
Sample : Q3393-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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
Cyclohexane, 1,...	11.018	55.6	ug/l	3092030	3	11.414	2780920	50.0
Naphthalene, de...	13.663	47.5	ug/l	3035560	4	13.346	3196600	50.0
Undecane, 2,6-d...	14.645	70.2	ug/l	4487480	4	13.346	3196600	50.0
Octane, 2,6-dim...	15.121	45.1	ug/l	2884310	4	13.346	3196600	50.0