

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101625\
 Data File : VY023489.D
 Acq On : 16 Oct 2025 14:14
 Operator : SY/MD
 Sample : Q3363-04
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-SO3-010013-20251015

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: VY023489.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.855	13	22	28	rVB2	41075	93281	1.80%	0.084%
2	2.342	97	102	108	rVB	32853	53390	1.03%	0.048%
3	3.879	343	354	361	rBV2	35218	103276	1.99%	0.093%
4	4.623	462	476	502	rBV7	30121	149211	2.87%	0.135%
5	7.640	959	971	977	rBV	543642	1358145	26.14%	1.225%
6	7.713	977	983	991	rVV	774169	1764433	33.96%	1.592%
7	7.799	991	997	1007	rVV3	62842	163403	3.15%	0.147%
8	7.921	1010	1017	1023	rVV2	57787	141997	2.73%	0.128%
9	8.067	1033	1041	1052	rVV	414081	932904	17.96%	0.842%
10	8.201	1055	1063	1069	rVV3	60351	153640	2.96%	0.139%
11	8.274	1069	1075	1080	rVV3	40764	96314	1.85%	0.087%
12	8.341	1080	1086	1097	rVB	95300	220255	4.24%	0.199%
13	8.616	1121	1131	1143	rBV	1301873	2629328	50.61%	2.372%
14	9.110	1199	1212	1218	rBV3	430067	1257548	24.21%	1.135%
15	9.170	1218	1222	1230	rVB	137690	264393	5.09%	0.239%
16	9.390	1249	1258	1265	rVB	258296	562277	10.82%	0.507%
17	9.536	1276	1282	1290	rVB	249871	470939	9.06%	0.425%
18	9.689	1302	1307	1311	rVV2	99335	184825	3.56%	0.167%
19	9.731	1311	1314	1320	rVB3	80425	141693	2.73%	0.128%
20	9.865	1329	1336	1341	rBV2	180537	379868	7.31%	0.343%
21	9.920	1341	1345	1351	rVB	96897	179199	3.45%	0.162%
22	10.000	1351	1358	1361	rBV3	105276	220097	4.24%	0.199%
23	10.109	1369	1376	1390	rBV	2771893	5195351	100.00%	4.687%
24	10.237	1392	1397	1399	rBV2	68587	114093	2.20%	0.103%
25	10.292	1399	1406	1414	rVB5	257048	733549	14.12%	0.662%
26	10.408	1417	1425	1428	rBV	250890	473487	9.11%	0.427%
27	10.451	1428	1432	1439	rVB	436416	723767	13.93%	0.653%
28	10.548	1441	1448	1452	rBV3	238115	515027	9.91%	0.465%
29	10.597	1452	1456	1459	rVB	119389	175100	3.37%	0.158%
30	10.640	1459	1463	1468	rVB	262614	398861	7.68%	0.360%
31	10.688	1468	1471	1473	rBV	50537	71350	1.37%	0.064%
32	10.731	1473	1478	1484	rVB	1013574	1584170	30.49%	1.429%
33	10.835	1484	1495	1502	rBV	533987	1307631	25.17%	1.180%
34	10.902	1502	1506	1509	rBV2	203065	332646	6.40%	0.300%
35	10.963	1513	1516	1520	rVV	393071	585201	11.26%	0.528%
36	11.018	1520	1525	1531	rVV	1274139	2222635	42.78%	2.005%

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37	11.073	1531	1534	1538	rVB	207219	263350	5.07%	0.238%
38	11.134	1538	1544	1548	rBV2	643918	1143054	22.00%	1.031%
39	11.176	1548	1551	1554	rVV2	178755	256874	4.94%	0.232%
40	11.225	1554	1559	1567	rVB	692632	1353746	26.06%	1.221%
41	11.304	1567	1572	1576	rBV2	226033	400862	7.72%	0.362%
42	11.347	1576	1579	1584	rVB4	75696	98469	1.90%	0.089%
43	11.414	1585	1590	1601	rVB	2047132	3523288	67.82%	3.179%
44	11.505	1601	1605	1608	rBV2	38655	72359	1.39%	0.065%
45	11.554	1608	1613	1616	rBV	377198	588351	11.32%	0.531%
46	11.609	1616	1622	1626	rVV4	467910	1042005	20.06%	0.940%
47	11.664	1626	1631	1635	rVV	955976	1957942	37.69%	1.766%
48	11.707	1635	1638	1643	rVB2	694060	1094680	21.07%	0.988%
49	11.768	1643	1648	1652	rBV2	278515	485181	9.34%	0.438%
50	11.859	1660	1663	1667	rVB2	284074	404499	7.79%	0.365%
51	11.932	1667	1675	1681	rBV3	1172424	2862775	55.10%	2.583%
52	11.987	1681	1684	1686	rVV2	166116	200225	3.85%	0.181%
53	12.018	1686	1689	1690	rVV	218637	232620	4.48%	0.210%
54	12.048	1690	1694	1699	rVB	1779182	2450085	47.16%	2.210%
55	12.127	1699	1707	1709	rBV4	1054064	1792441	34.50%	1.617%
56	12.164	1709	1713	1719	rVB3	1466120	2746542	52.87%	2.478%
57	12.249	1724	1727	1730	rVV3	507569	898892	17.30%	0.811%
58	12.298	1730	1735	1742	rVB6	748228	1710934	32.93%	1.544%
59	12.408	1747	1753	1759	rBV2	1969439	3309475	63.70%	2.986%
60	12.499	1759	1768	1771	rBV7	430422	1169049	22.50%	1.055%
61	12.566	1775	1779	1786	rVB2	1495599	2656374	51.13%	2.397%
62	12.652	1786	1793	1798	rBV6	737978	1823085	35.09%	1.645%
63	12.731	1799	1806	1811	rVV4	1248935	3226243	62.10%	2.911%
64	12.786	1812	1815	1820	rVB	781979	1198806	23.07%	1.082%
65	12.871	1820	1829	1833	rBV5	856025	2205464	42.45%	1.990%
66	12.926	1833	1838	1841	rVV3	732112	1498924	28.85%	1.352%
67	12.962	1841	1844	1852	rVB2	1717455	2690790	51.79%	2.428%
68	13.090	1862	1865	1870	rBV2	448952	740649	14.26%	0.668%
69	13.145	1871	1874	1877	rBV2	499305	721558	13.89%	0.651%
70	13.243	1882	1890	1894	rBV4	1034936	2186212	42.08%	1.972%
71	13.347	1902	1907	1917	rVB	1551584	2652280	51.05%	2.393%
72	13.487	1926	1930	1934	rVV3	646817	923867	17.78%	0.833%
73	13.529	1935	1937	1944	rVB6	255601	448494	8.63%	0.405%
74	13.664	1954	1959	1964	rBV4	1608016	2981170	57.38%	2.690%
75	13.712	1965	1967	1972	rVV3	598808	1020899	19.65%	0.921%
76	13.779	1974	1978	1984	rVV6	664065	1921085	36.98%	1.733%

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77	13.840	1985	1988	1993	rVV5	762687	1824745	35.12%	1.646%
78	13.883	1993	1995	2000	rVV3	819590	1298417	24.99%	1.171%
79	13.938	2001	2004	2008	rVB	635128	834605	16.06%	0.753%
80	13.999	2009	2014	2018	rBV6	547086	855668	16.47%	0.772%
81	14.066	2019	2025	2030	rBV5	624311	1304787	25.11%	1.177%
82	14.121	2030	2034	2037	rBV4	290372	407538	7.84%	0.368%
83	14.176	2038	2043	2051	rBV5	1644949	3551170	68.35%	3.204%
84	14.340	2066	2070	2074	rVB2	1285721	1729830	33.30%	1.561%
85	14.535	2099	2102	2105	rBV4	391645	562490	10.83%	0.507%
86	14.596	2108	2112	2117	rVV3	895644	1794573	34.54%	1.619%
87	14.645	2117	2120	2127	rVB2	1902515	3016728	58.07%	2.722%
88	14.761	2137	2139	2142	rBV2	301646	365260	7.03%	0.330%
89	14.858	2152	2155	2159	rVB4	633912	831178	16.00%	0.750%
90	15.121	2194	2198	2205	rBV2	1754984	2840368	54.67%	2.563%
91	15.346	2232	2235	2242	rVB8	337885	680060	13.09%	0.614%
92	15.511	2257	2262	2267	rVB3	1133887	2025173	38.98%	1.827%
93	16.047	2345	2350	2356	rVB	872262	1478864	28.47%	1.334%
94	16.358	2397	2401	2407	rVB4	307976	535064	10.30%	0.483%

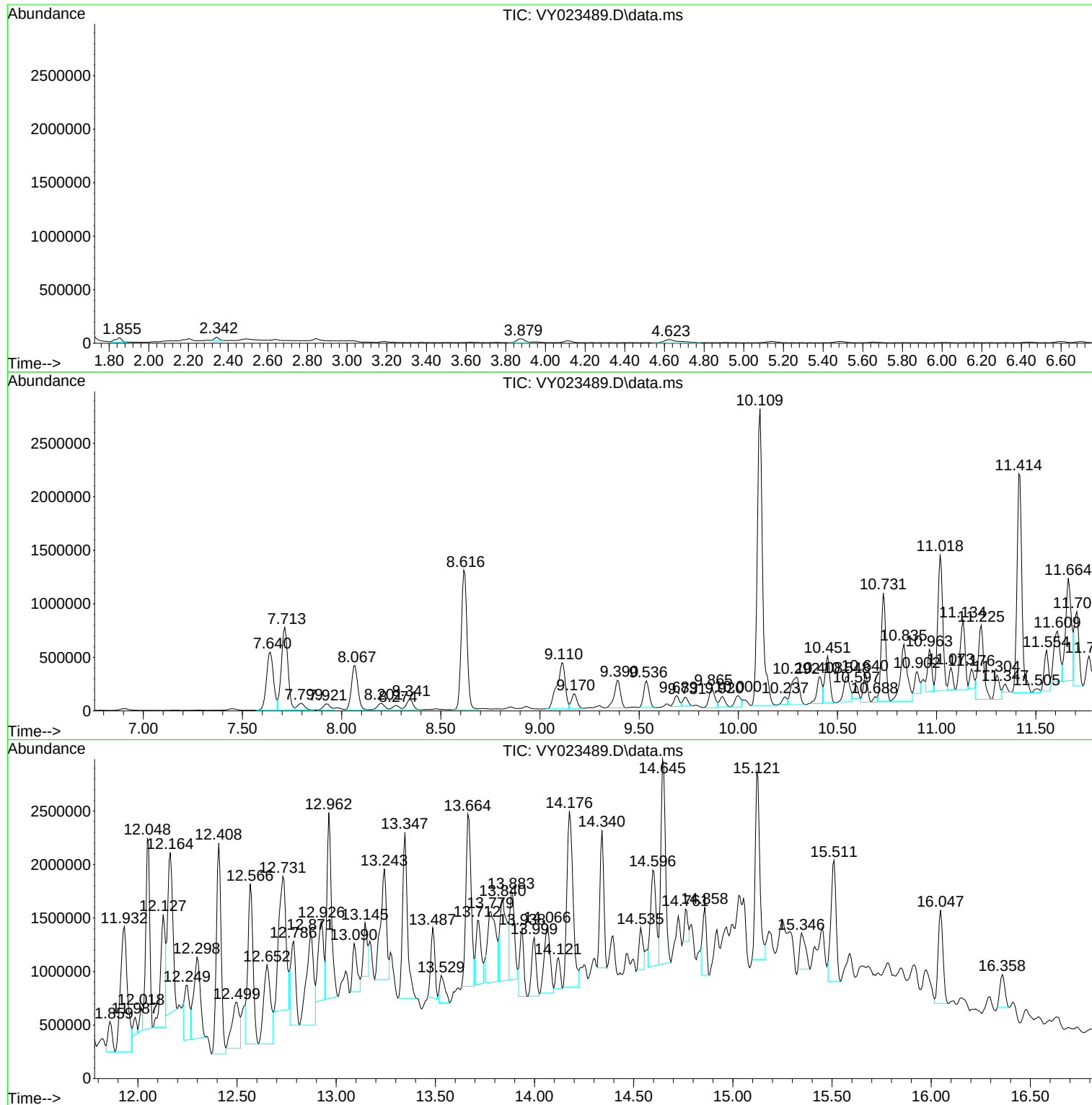
Sum of corrected areas: 110843400

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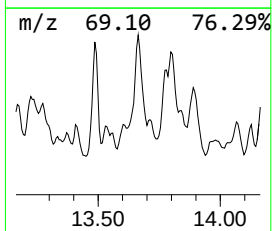
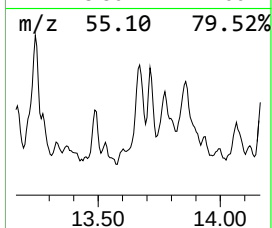
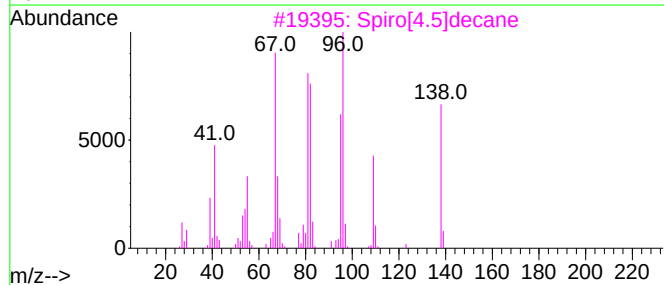
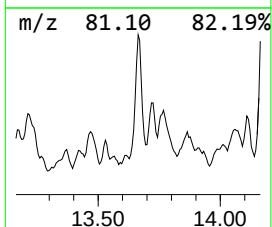
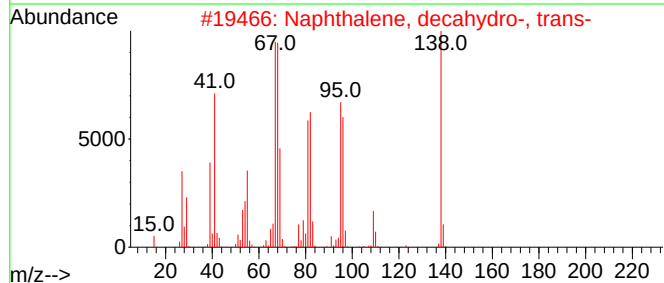
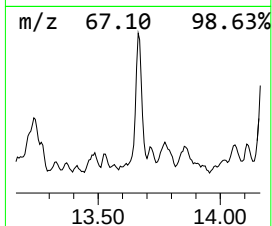
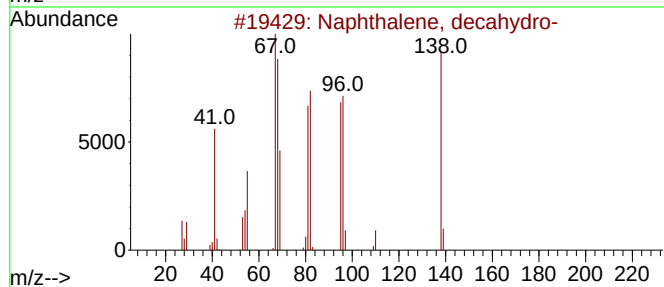
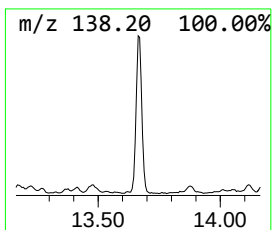
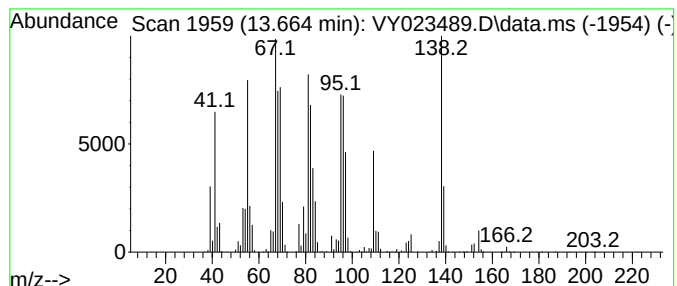
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	56.20 ug/l	2981170	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	87
3			Spiro[4.5]decane	138	C10H18	000176-63-6	64
4			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	60
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	53



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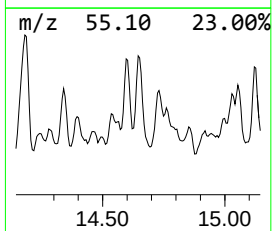
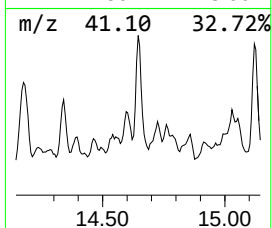
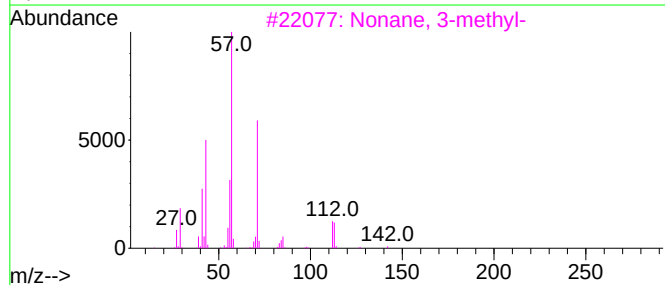
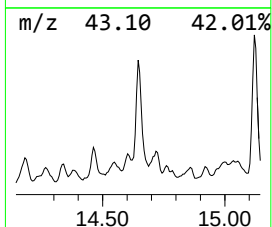
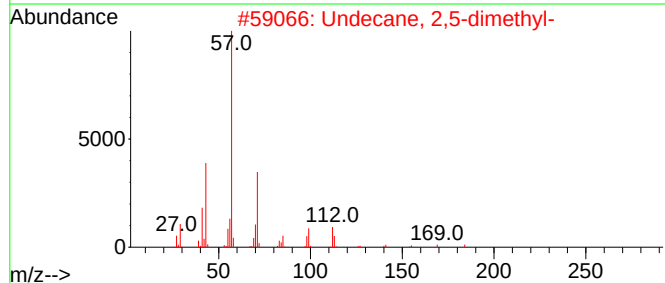
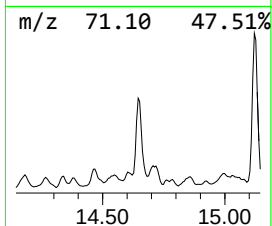
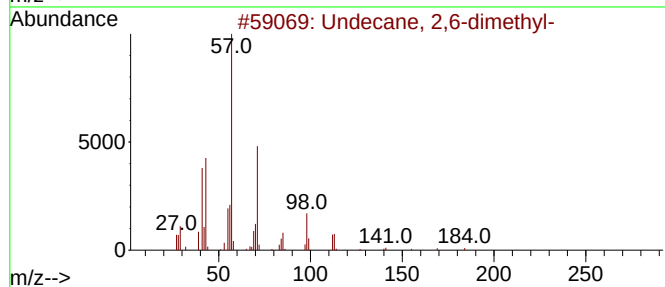
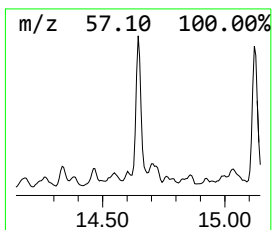
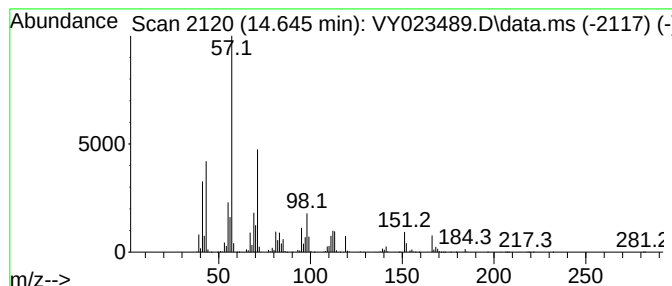
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	56.87 ug/l	3016730	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	52
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, de...	13.664	56.2	ug/l	2981170	4	13.347	2652280	50.0
Undecane, 2,6-d...	14.645	56.9	ug/l	3016730	4	13.347	2652280	50.0