

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101625\
 Data File : VY023487.D
 Acq On : 16 Oct 2025 13:27
 Operator : SY/MD
 Sample : Q3363-02
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-SO1-039085-20251015

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: VY023487.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.873	344	353	360	rBV	38912	102665	2.63%	0.130%
2	4.117	384	393	405	rVB2	16367	45870	1.17%	0.058%
3	4.616	462	475	484	rBV3	35429	122390	3.13%	0.156%
4	6.903	838	850	862	rBV4	18033	58648	1.50%	0.075%
5	7.640	960	971	977	rBV	515055	1278379	32.70%	1.625%
6	7.713	977	983	991	rVV	705110	1621831	41.48%	2.061%
7	7.793	991	996	1006	rVB3	42800	109925	2.81%	0.140%
8	8.067	1032	1041	1053	rBV	399807	893287	22.85%	1.135%
9	8.201	1053	1063	1065	rVV4	28302	62612	1.60%	0.080%
10	8.250	1065	1071	1080	rVV	96854	268609	6.87%	0.341%
11	8.341	1080	1086	1096	rVB	44325	104119	2.66%	0.132%
12	8.616	1122	1131	1143	rBV	1257917	2479394	63.42%	3.151%
13	8.853	1162	1170	1177	rBV	65739	145325	3.72%	0.185%
14	9.116	1199	1213	1218	rBV3	216615	600506	15.36%	0.763%
15	9.170	1218	1222	1230	rVB	88964	173266	4.43%	0.220%
16	9.390	1249	1258	1265	rVB4	77391	185088	4.73%	0.235%
17	9.542	1276	1283	1291	rVB3	145629	294123	7.52%	0.374%
18	9.683	1296	1306	1311	rBV3	149667	332226	8.50%	0.422%
19	9.731	1311	1314	1320	rVB2	37734	64763	1.66%	0.082%
20	9.865	1330	1336	1341	rBV2	65017	126436	3.23%	0.161%
21	9.920	1341	1345	1352	rVB4	40520	73197	1.87%	0.093%
22	10.042	1360	1365	1370	rVB	136960	219082	5.60%	0.278%
23	10.109	1370	1376	1390	rVB	2223027	3909655	100.00%	4.968%
24	10.237	1392	1397	1399	rBV4	26915	48177	1.23%	0.061%
25	10.274	1399	1403	1406	rBV2	62576	113468	2.90%	0.144%
26	10.408	1416	1425	1428	rBV3	69028	152244	3.89%	0.193%
27	10.451	1428	1432	1438	rVB2	114498	192017	4.91%	0.244%
28	10.548	1440	1448	1453	rBV5	88522	243305	6.22%	0.309%
29	10.640	1459	1463	1468	rVB	124629	192799	4.93%	0.245%
30	10.731	1473	1478	1484	rVB	296165	484669	12.40%	0.616%
31	10.835	1484	1495	1502	rBV2	266955	626159	16.02%	0.796%
32	10.902	1502	1506	1509	rVV3	78891	119627	3.06%	0.152%
33	10.963	1513	1516	1520	rVV	135970	204828	5.24%	0.260%
34	11.018	1520	1525	1531	rVV2	522331	911126	23.30%	1.158%
35	11.073	1531	1534	1538	rVB	94655	124617	3.19%	0.158%
36	11.134	1538	1544	1548	rBV3	290421	500691	12.81%	0.636%

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37	11.176	1548	1551	1555	rVV4	103662	171851	4.40%	0.218%
38	11.225	1555	1559	1568	rVB	247155	467761	11.96%	0.594%
39	11.304	1568	1572	1575	rBV2	89177	143946	3.68%	0.183%
40	11.347	1576	1579	1582	rVB4	41739	55433	1.42%	0.070%

41	11.420	1584	1591	1600	rBV	1944849	3311264	84.69%	4.208%
42	11.493	1600	1603	1609	rVB2	40297	55964	1.43%	0.071%
43	11.554	1609	1613	1617	rBV	130813	197270	5.05%	0.251%
44	11.609	1617	1622	1627	rBV4	252298	539533	13.80%	0.686%
45	11.664	1627	1631	1635	rVV	391626	665942	17.03%	0.846%

46	11.707	1635	1638	1643	rVB2	281954	463201	11.85%	0.589%
47	11.768	1643	1648	1651	rBV	137954	249950	6.39%	0.318%
48	11.804	1651	1654	1655	rBV	49709	48521	1.24%	0.062%
49	11.865	1660	1664	1667	rBV2	207437	279520	7.15%	0.355%
50	11.932	1667	1675	1682	rBV4	661398	1849472	47.31%	2.350%

51	11.987	1682	1684	1686	rVB3	99476	78841	2.02%	0.100%
52	12.018	1686	1689	1690	rBV	122576	124622	3.19%	0.158%
53	12.054	1690	1695	1699	rVB	1094493	1605861	41.07%	2.041%
54	12.127	1699	1707	1709	rBV4	717013	1295866	33.15%	1.647%
55	12.164	1709	1713	1718	rVB3	1094515	1938152	49.57%	2.463%

56	12.298	1730	1735	1742	rVB6	589310	1391997	35.60%	1.769%
57	12.408	1746	1753	1759	rVB3	1803818	3297285	84.34%	4.190%
58	12.499	1759	1768	1772	rBV6	443022	1188288	30.39%	1.510%
59	12.566	1775	1779	1786	rVB3	1142214	2147726	54.93%	2.729%
60	12.652	1786	1793	1799	rBV5	591132	1629501	41.68%	2.071%

61	12.737	1799	1807	1811	rBV5	1087006	2765457	70.73%	3.514%
62	12.853	1821	1826	1833	rBV2	1066685	2560202	65.48%	3.253%
63	12.926	1833	1838	1842	rVV	1411596	2377540	60.81%	3.021%
64	12.993	1846	1849	1853	rVB3	459092	707134	18.09%	0.899%
65	13.097	1862	1866	1871	rBV	589478	1053996	26.96%	1.339%

66	13.145	1871	1874	1877	rVV2	411725	645348	16.51%	0.820%
67	13.212	1881	1885	1887	rVV2	785434	1304493	33.37%	1.658%
68	13.243	1888	1890	1893	rVV2	886642	1148298	29.37%	1.459%
69	13.280	1893	1896	1901	rVV4	411442	650713	16.64%	0.827%
70	13.347	1902	1907	1912	rVV	1375064	2324378	59.45%	2.954%

71	13.401	1913	1916	1922	rVB3	448986	872142	22.31%	1.108%
72	13.487	1926	1930	1934	rVB3	555139	801235	20.49%	1.018%
73	13.529	1935	1937	1940	rBV2	128236	151030	3.86%	0.192%
74	13.670	1954	1960	1964	rBV4	1070362	2006178	51.31%	2.549%
75	13.718	1965	1968	1972	rVV3	247526	427176	10.93%	0.543%

76	13.859	1985	1991	1992	rBV5	276951	555764	14.22%	0.706%
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77	13.999	2010	2014	2018	rVB2	444569	639693	16.36%	0.813%
78	14.066	2019	2025	2030	rVB5	515612	1016463	26.00%	1.292%
79	14.121	2031	2034	2038	rVB5	225135	313418	8.02%	0.398%
80	14.176	2038	2043	2050	rBV4	1055357	2411225	61.67%	3.064%
81	14.340	2066	2070	2074	rVB2	841583	1142961	29.23%	1.452%
82	14.535	2099	2102	2106	rBV6	240297	419352	10.73%	0.533%
83	14.602	2108	2113	2117	rVV4	599416	1213249	31.03%	1.542%
84	14.651	2117	2121	2127	rVB2	1110145	1825616	46.70%	2.320%
85	14.767	2137	2140	2143	rBV	246129	318205	8.14%	0.404%
86	14.858	2152	2155	2159	rVB3	419402	593581	15.18%	0.754%
87	14.919	2162	2165	2168	rBV2	221960	311592	7.97%	0.396%
88	15.035	2181	2184	2186	rBV	263122	344274	8.81%	0.437%
89	15.127	2194	2199	2205	rBV	1693204	2631034	67.30%	3.343%
90	15.352	2232	2236	2242	rBV5	280098	657768	16.82%	0.836%
91	15.511	2257	2262	2268	rVB3	954035	1677306	42.90%	2.131%
92	16.047	2346	2350	2357	rVB	1072636	1797354	45.97%	2.284%
93	16.358	2397	2401	2407	rVB3	352671	644618	16.49%	0.819%

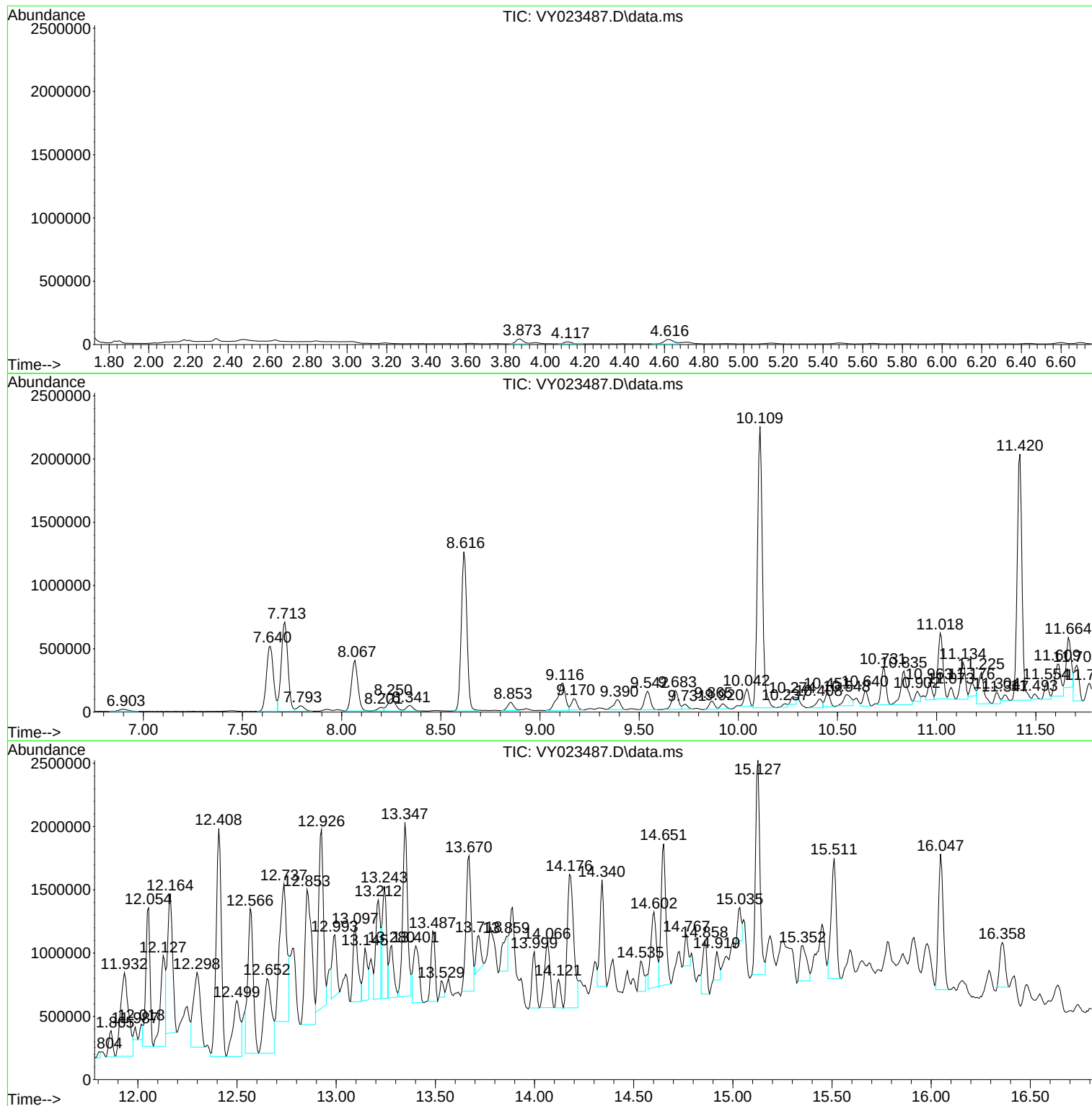
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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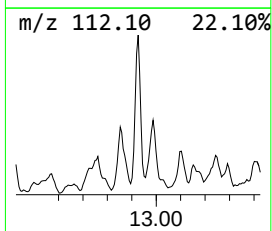
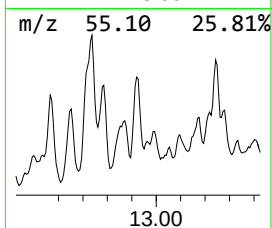
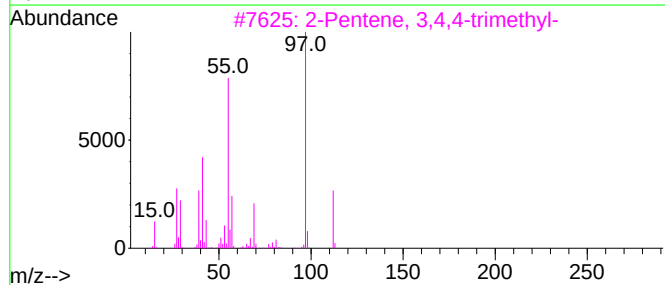
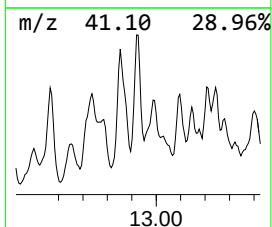
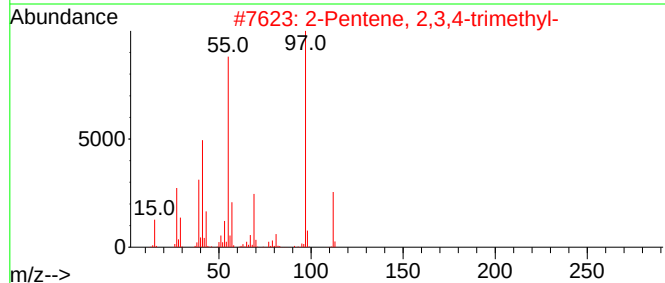
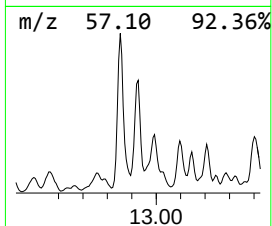
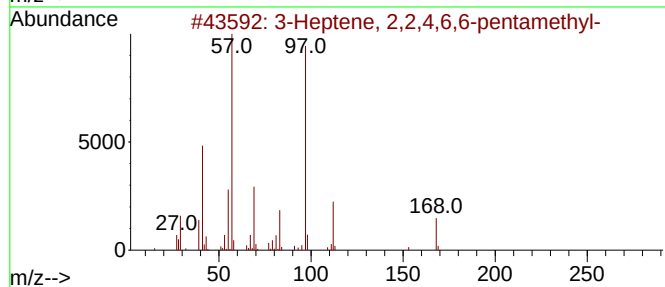
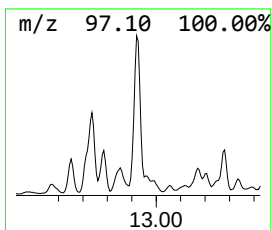
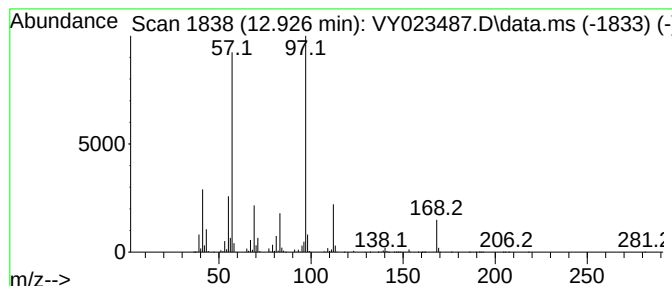
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 4 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.926	51.14 ug/l	2377540	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	95
2			2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	64
3			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	59
4			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	59
5			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	58



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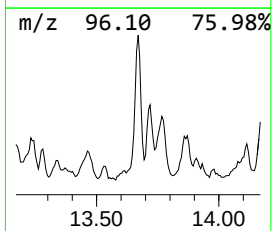
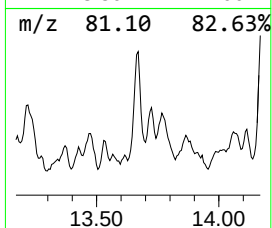
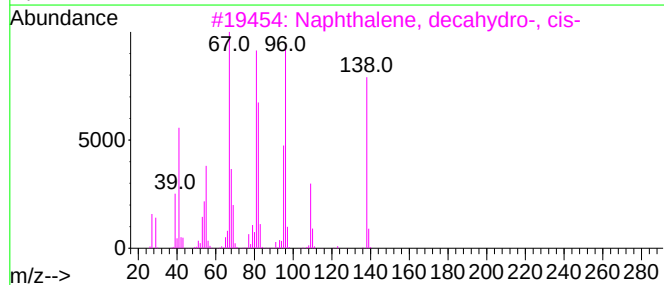
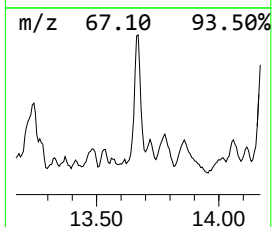
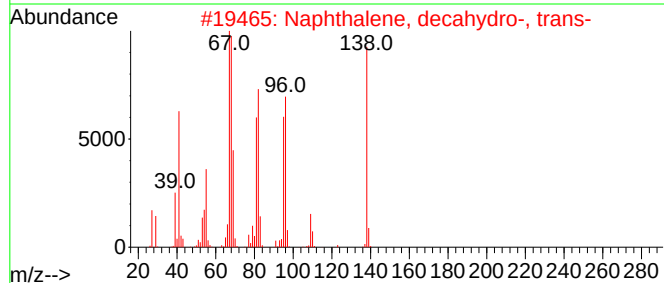
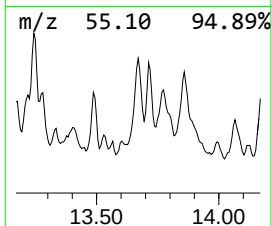
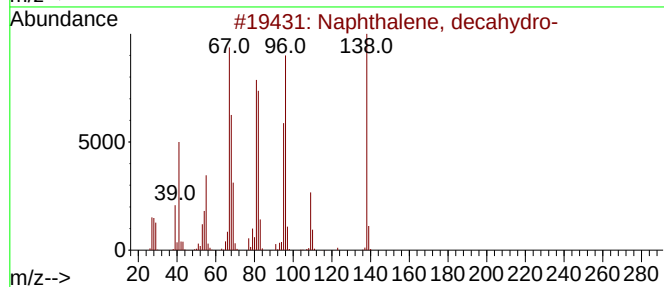
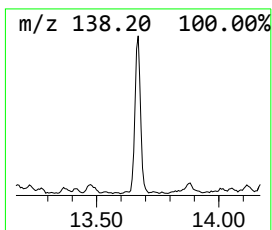
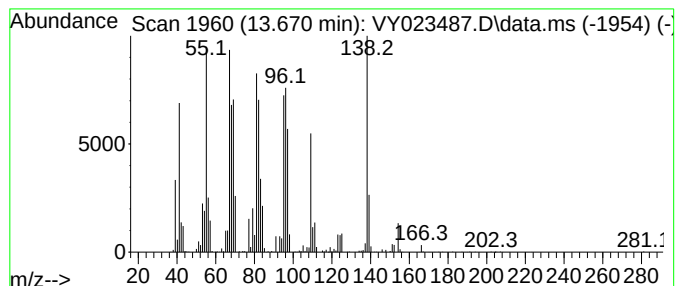
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Naphthalene, decahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.670	43.16 ug/l	2006180	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
4			2,2-Dimethyl-3-vinylcyclopentanone	138	C9H14O	1000427-24-5	72
5			Spiro[4.5]decane	138	C10H18	000176-63-6	72



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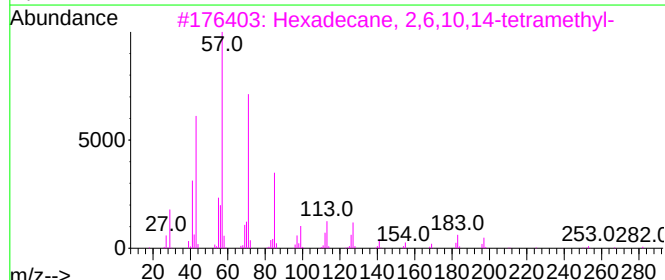
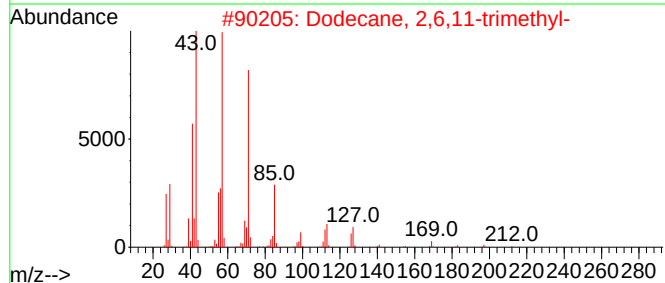
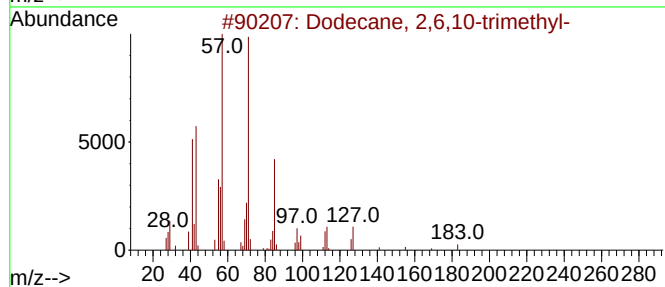
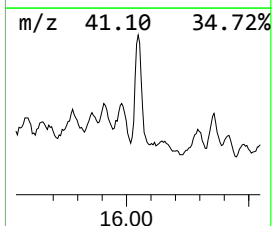
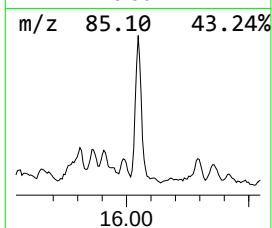
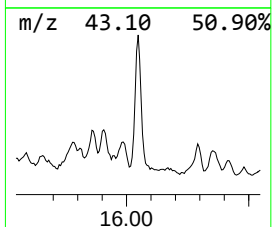
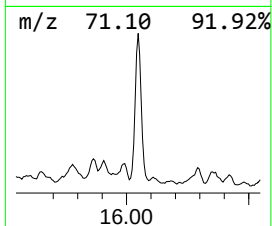
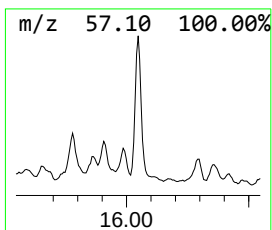
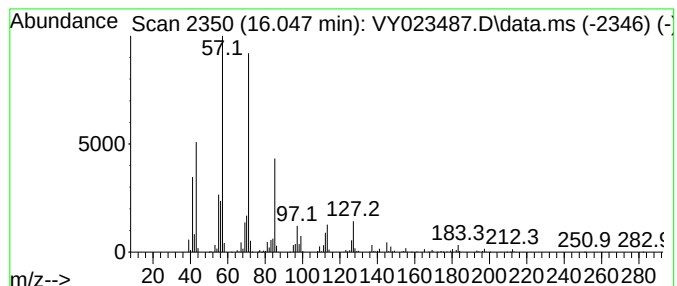
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TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.047	38.66 ug/l	1797350	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4			Octane, 2-methyl-	128	C9H20	003221-61-2	81
5			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101625\
Data File : VY023487.D
Acq On : 16 Oct 2025 13:27
Operator : SY/MD
Sample : Q3363-02
Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-SO1-039085-20251015

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
3-Heptene, 2,2,...	12.926	51.1	ug/l	2377540	4	13.347	2324380	50.0
Naphthalene, de...	13.670	43.2	ug/l	2006180	4	13.347	2324380	50.0
Dodecane, 2,6,1...	16.047	38.7	ug/l	1797350	4	13.347	2324380	50.0