

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023553.D
 Acq On : 22 Oct 2025 15:58
 Operator : SY/MD
 Sample : Q3419-05
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-S16-094119-20251021

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: VY023553.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.830	13	18	28	rVB2	70864	131882	2.66%	0.154%
2	2.336	96	101	110	rVB	69272	122027	2.46%	0.143%
3	2.842	178	184	192	rVB	52232	108568	2.19%	0.127%
4	3.867	342	352	362	rBV	96039	264245	5.33%	0.309%
5	4.110	383	392	405	rBV	62614	166433	3.36%	0.194%
6	4.623	464	476	480	rBV3	28341	94772	1.91%	0.111%
7	5.141	547	561	576	rVB2	32570	113335	2.29%	0.132%
8	6.592	787	799	809	rBV3	30859	109452	2.21%	0.128%
9	6.896	838	849	863	rBV2	40694	123079	2.48%	0.144%
10	7.634	956	970	976	rBV	645137	1583266	31.93%	1.849%
11	7.713	976	983	991	rVV	1109449	2635577	53.15%	3.079%
12	7.793	991	996	1006	rVV2	112298	273712	5.52%	0.320%
13	7.921	1009	1017	1023	rVV	49587	123862	2.50%	0.145%
14	8.067	1032	1041	1053	rVV2	580408	1407823	28.39%	1.645%
15	8.195	1053	1062	1064	rVV2	62650	132854	2.68%	0.155%
16	8.250	1064	1071	1080	rVV	404672	1052120	21.22%	1.229%
17	8.341	1080	1086	1097	rVB2	70915	170814	3.44%	0.200%
18	8.616	1122	1131	1147	rBV	1615873	3230564	65.15%	3.774%
19	8.853	1162	1170	1177	rBV	170382	374762	7.56%	0.438%
20	9.110	1199	1212	1218	rBV4	421004	1166438	23.52%	1.363%
21	9.170	1218	1222	1229	rVV	221877	415755	8.38%	0.486%
22	9.250	1230	1235	1239	rVV	41513	88354	1.78%	0.103%
23	9.305	1239	1244	1249	rVV2	60934	150007	3.03%	0.175%
24	9.390	1249	1258	1265	rVV3	175642	455395	9.18%	0.532%
25	9.463	1265	1270	1276	rVV4	37641	81684	1.65%	0.095%
26	9.542	1276	1283	1290	rVB2	409118	806093	16.26%	0.942%
27	9.683	1296	1306	1311	rBV3	390566	873023	17.61%	1.020%
28	9.731	1311	1314	1319	rVB	114269	176658	3.56%	0.206%
29	9.774	1319	1321	1328	rVB4	34352	67678	1.36%	0.079%
30	9.865	1329	1336	1342	rBV2	148192	309773	6.25%	0.362%
31	9.926	1342	1346	1352	rVB5	53843	113870	2.30%	0.133%
32	10.000	1352	1358	1360	rBV3	59902	107576	2.17%	0.126%
33	10.042	1360	1365	1370	rVB	327895	516450	10.42%	0.603%
34	10.109	1370	1376	1389	rVB	2755460	4958386	100.00%	5.792%
35	10.237	1391	1397	1398	rBV2	50854	78591	1.59%	0.092%
36	10.274	1398	1403	1416	rVB6	150346	553839	11.17%	0.647%

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37	10.408	1416	1425	1428	rBV4	153099	328773	6.63%	0.384%
38	10.451	1428	1432	1439	rVB2	177473	290342	5.86%	0.339%
39	10.548	1440	1448	1454	rBV6	128417	412944	8.33%	0.482%
40	10.640	1460	1463	1468	rVB2	131586	198636	4.01%	0.232%
41	10.731	1468	1478	1484	rBV3	384452	767335	15.48%	0.896%
42	10.829	1484	1494	1502	rBV4	403593	1039845	20.97%	1.215%
43	10.902	1502	1506	1509	rBV2	108568	186440	3.76%	0.218%
44	10.963	1513	1516	1520	rBV	138900	201284	4.06%	0.235%
45	11.018	1520	1525	1530	rVB	901193	1489604	30.04%	1.740%
46	11.073	1530	1534	1538	rVB	223558	313169	6.32%	0.366%
47	11.127	1538	1543	1547	rVB4	195304	358814	7.24%	0.419%
48	11.195	1547	1554	1555	rBV3	238387	456972	9.22%	0.534%
49	11.219	1556	1558	1568	rVB3	408711	721547	14.55%	0.843%
50	11.310	1568	1573	1576	rBV3	112256	226146	4.56%	0.264%
51	11.341	1576	1578	1582	rVB4	68204	86703	1.75%	0.101%
52	11.414	1584	1590	1600	rBV	2216005	3813645	76.91%	4.455%
53	11.493	1600	1603	1608	rVB2	91901	137372	2.77%	0.160%
54	11.554	1608	1613	1617	rBV	192604	284653	5.74%	0.333%
55	11.615	1617	1623	1627	rBV2	458429	960339	19.37%	1.122%
56	11.664	1627	1631	1636	rBV3	323176	552501	11.14%	0.645%
57	11.768	1643	1648	1651	rBV	216704	393617	7.94%	0.460%
58	11.816	1651	1656	1660	rVV3	156835	353467	7.13%	0.413%
59	11.865	1660	1664	1667	rVV2	216324	306003	6.17%	0.357%
60	11.932	1667	1675	1682	rVV4	816376	2809601	56.66%	3.282%
61	12.018	1686	1689	1690	rVV2	261462	317909	6.41%	0.371%
62	12.048	1690	1694	1698	rVB	833963	1212343	24.45%	1.416%
63	12.091	1698	1701	1702	rBV	111231	124537	2.51%	0.145%
64	12.127	1702	1707	1709	rVV3	743477	1222824	24.66%	1.428%
65	12.158	1709	1712	1717	rVB	1350630	2101770	42.39%	2.455%
66	12.243	1717	1726	1730	rBV8	429190	1080239	21.79%	1.262%
67	12.408	1746	1753	1758	rVB2	2005093	3645942	73.53%	4.259%
68	12.499	1758	1768	1771	rBV5	486458	1214053	24.48%	1.418%
69	12.566	1774	1779	1786	rVB3	1243138	2433297	49.07%	2.842%
70	12.652	1786	1793	1800	rBV5	745008	2195526	44.28%	2.565%
71	12.737	1800	1807	1810	rBV6	722226	1805497	36.41%	2.109%
72	12.853	1821	1826	1832	rBV2	1186254	2571637	51.86%	3.004%
73	12.920	1832	1837	1841	rBV	1504499	2337329	47.14%	2.730%
74	12.962	1841	1844	1847	rBV2	613621	874060	17.63%	1.021%
75	13.042	1853	1857	1861	rVB5	367061	637907	12.87%	0.745%
76	13.091	1861	1865	1871	rBV3	525911	983033	19.83%	1.148%

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77	13.206	1880	1884	1892	rVB3	930813	1832798	36.96%	2.141%
78	13.273	1892	1895	1900	rVB4	327148	459874	9.27%	0.537%
79	13.347	1901	1907	1911	rBV	1610623	2543990	51.31%	2.972%
80	13.401	1913	1916	1924	rVB3	580286	1107536	22.34%	1.294%
81	13.487	1926	1930	1934	rVB2	617461	878557	17.72%	1.026%
82	13.536	1934	1938	1939	rBV3	223864	284818	5.74%	0.333%
83	13.664	1954	1959	1964	rBV3	899373	1529570	30.85%	1.787%
84	13.883	1993	1995	2001	rVB4	422604	609715	12.30%	0.712%
85	13.993	2009	2013	2018	rBV4	372360	578390	11.66%	0.676%
86	14.060	2019	2024	2030	rVB5	387575	826368	16.67%	0.965%
87	14.170	2038	2042	2051	rBV5	653435	1534846	30.95%	1.793%
88	14.304	2060	2064	2066	rBV3	295518	435919	8.79%	0.509%
89	14.340	2066	2070	2074	rVB2	672227	971932	19.60%	1.135%
90	14.535	2099	2102	2106	rBV5	163468	229865	4.64%	0.269%
91	14.602	2109	2113	2116	rVV4	346309	632641	12.76%	0.739%
92	14.645	2116	2120	2127	rVB3	863997	1387556	27.98%	1.621%
93	14.761	2136	2139	2142	rBV2	214522	306306	6.18%	0.358%
94	14.858	2152	2155	2159	rVB5	309431	412910	8.33%	0.482%
95	15.029	2180	2183	2191	rVB4	418145	915236	18.46%	1.069%
96	15.127	2194	2199	2205	rBV2	535391	981175	19.79%	1.146%
97	15.346	2231	2235	2242	rBV7	190939	420020	8.47%	0.491%
98	15.505	2256	2261	2267	rVB2	619821	1130843	22.81%	1.321%
99	16.047	2346	2350	2357	rVB3	355713	619656	12.50%	0.724%
100	16.358	2397	2401	2407	rVB5	216294	389841	7.86%	0.455%

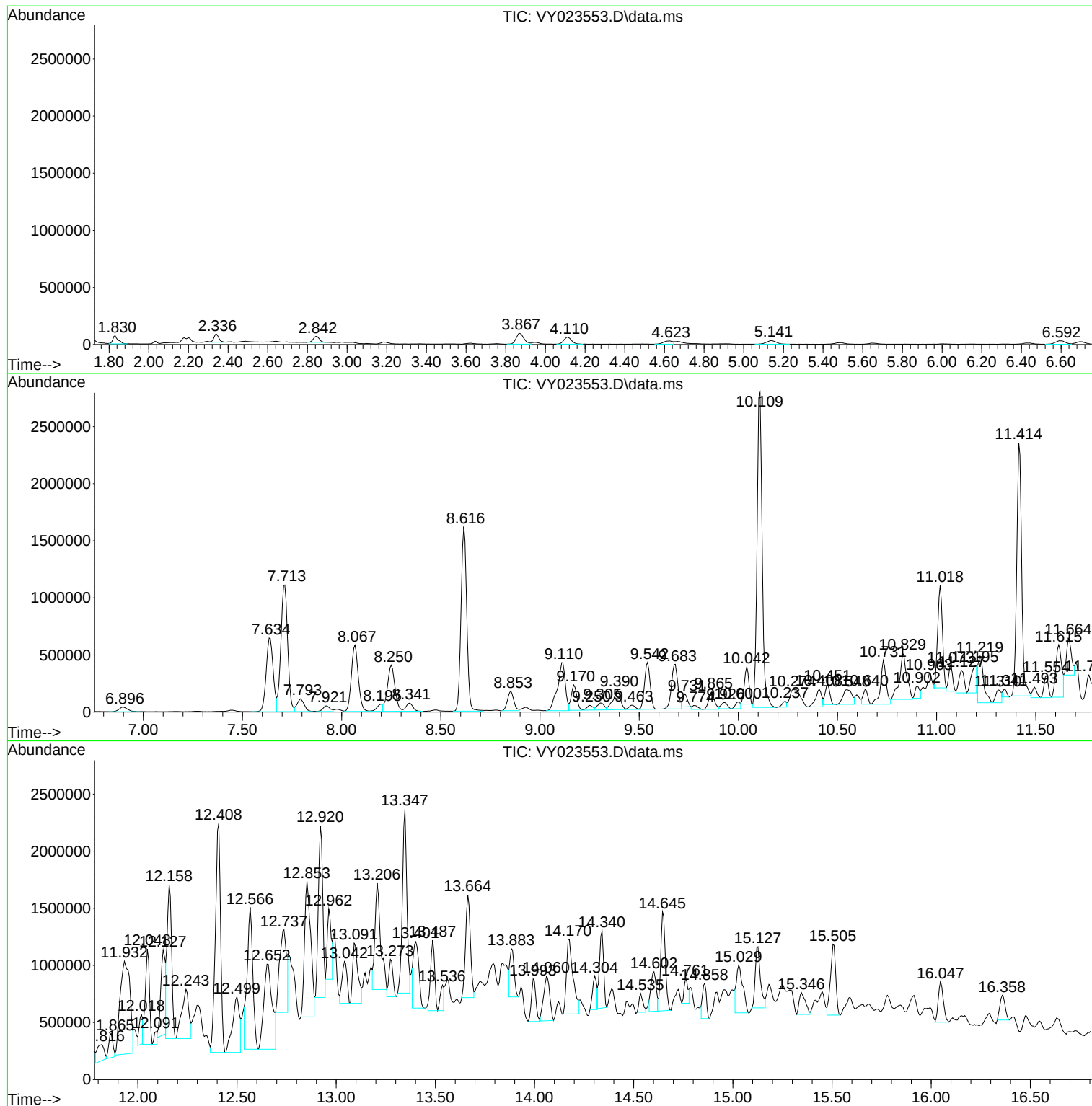
Sum of corrected areas: 85606734

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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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MSVOA_Y
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PR132-S16-094119-20251021

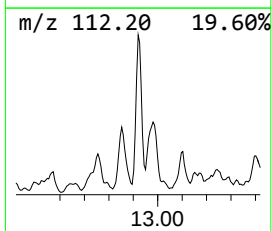
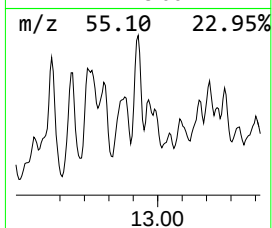
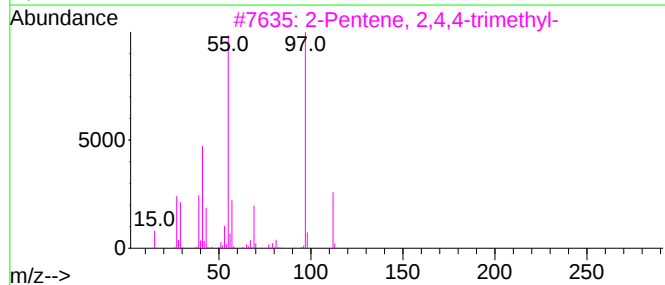
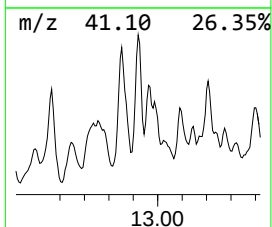
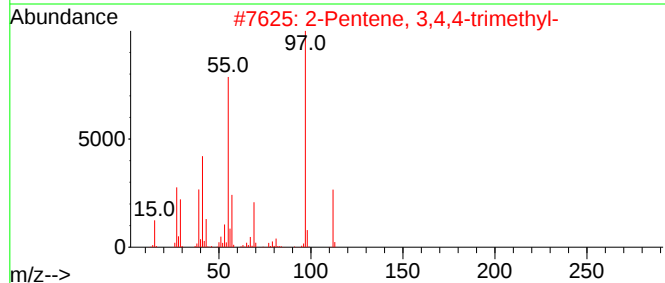
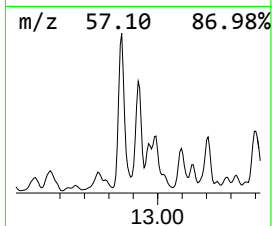
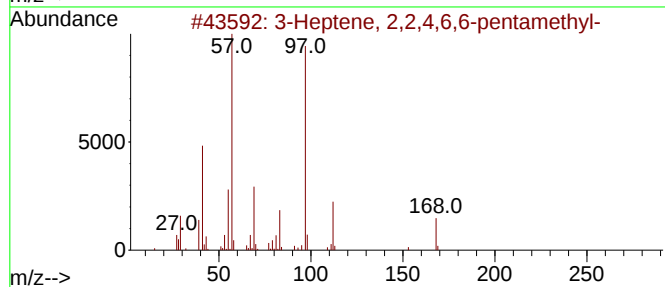
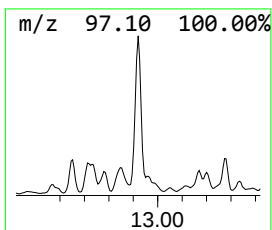
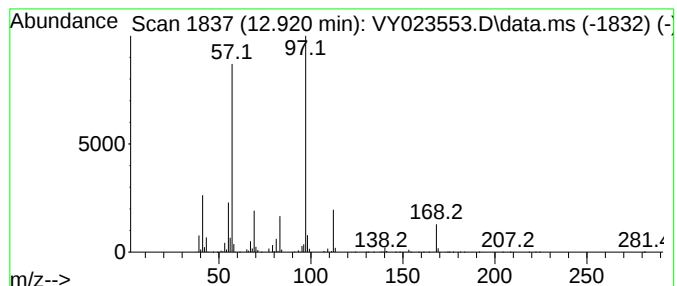
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	45.94 ug/l	2337330	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, 3,4,4-trimethyl-	112	C8H16	000598-96-9	64
3			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	58
4			2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	53
5			1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	53



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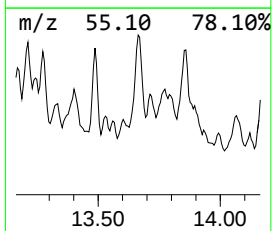
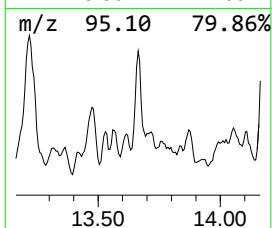
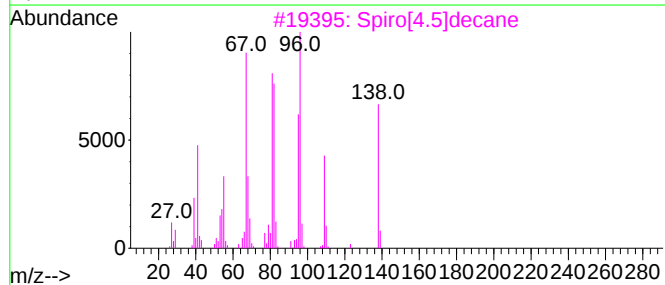
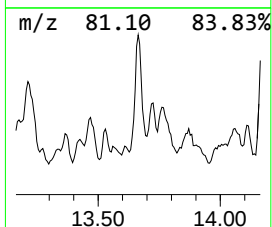
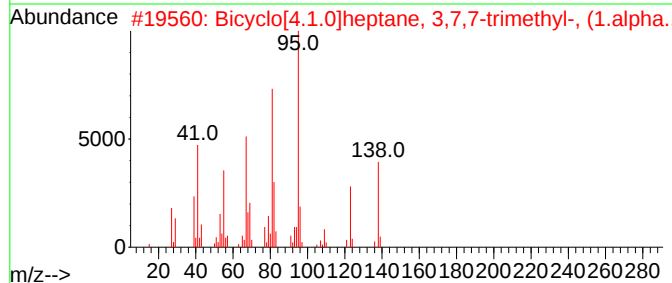
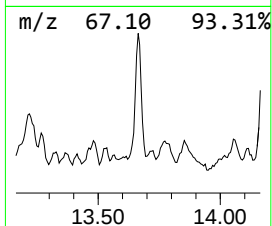
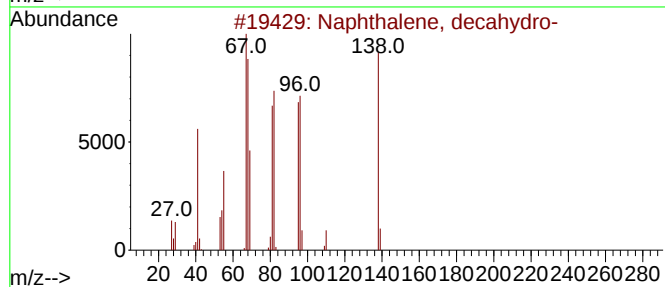
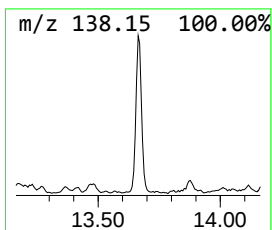
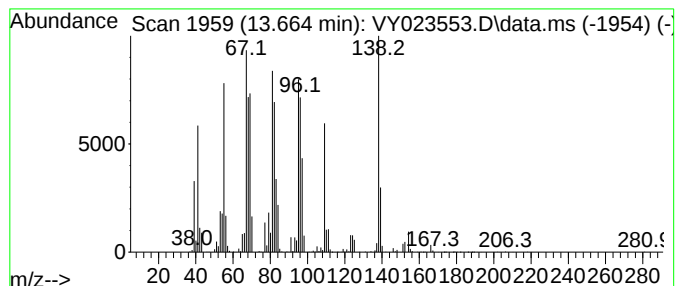
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, decahydro- Concentration Rank 7

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13.664	30.06 ug/l	1529570	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	87
2			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	60
3			Spiro[4.5]decane	138	C10H18	000176-63-6	58
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	55
5			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	55



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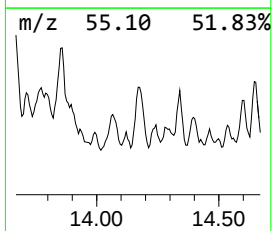
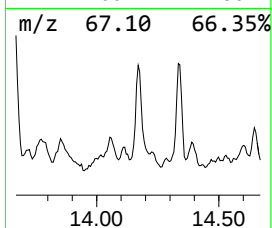
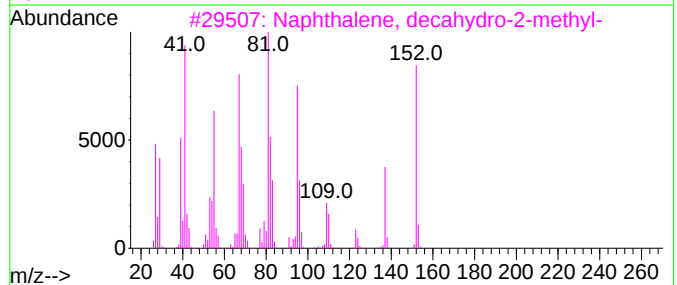
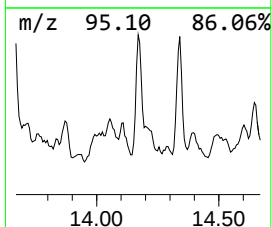
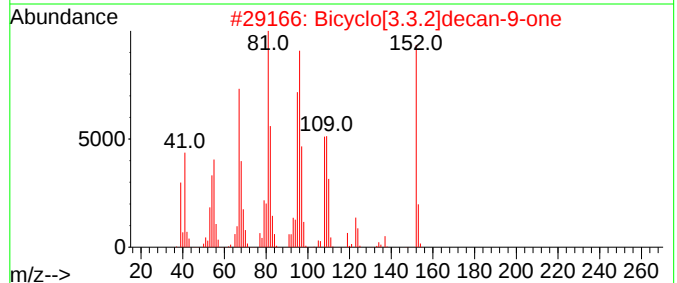
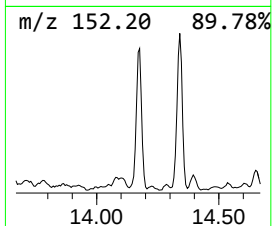
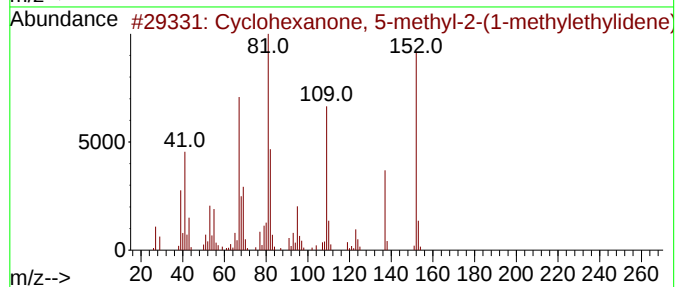
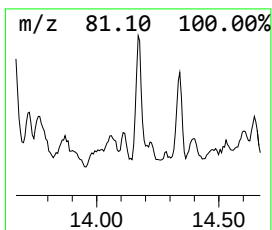
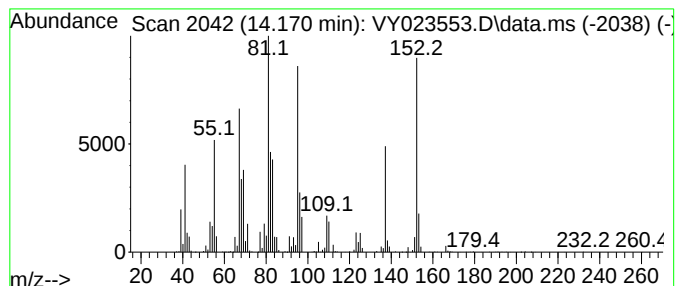
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Quant Title : SW846 8260

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

Peak Number 9 Cyclohexanone, 5-methyl-2-(... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.170	30.17 ug/l	1534850	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
2			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	76
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
4			Pulegone	152	C10H16O	000089-82-7	58
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
Data File : VY023553.D
Acq On : 22 Oct 2025 15:58
Operator : SY/MD
Sample : Q3419-05
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S16-094119-20251021

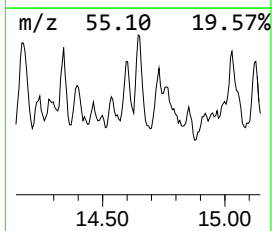
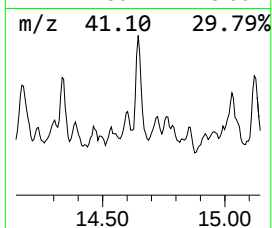
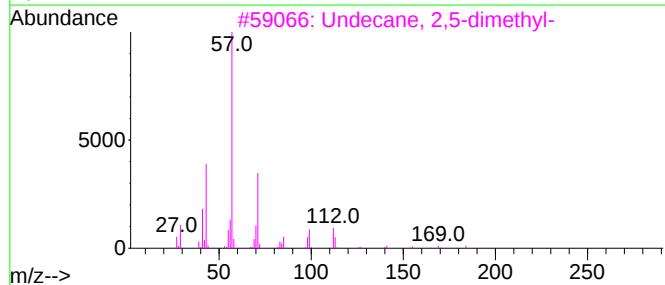
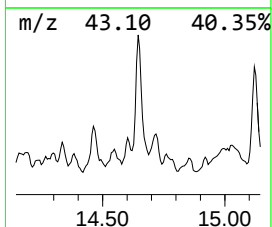
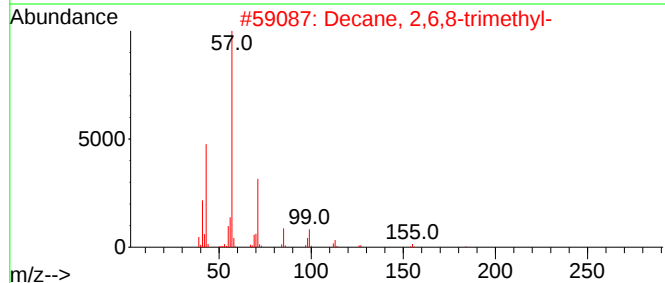
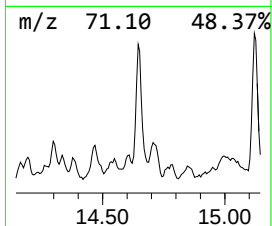
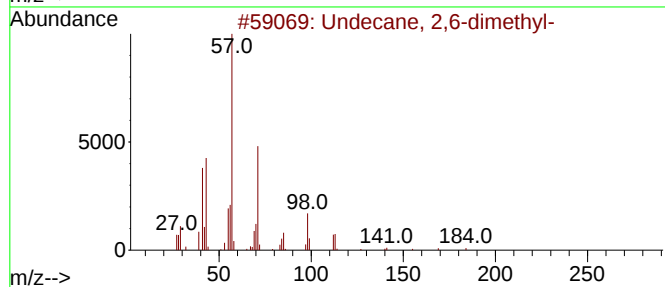
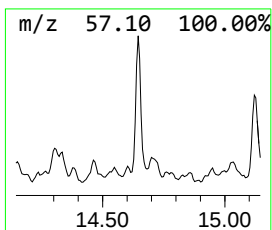
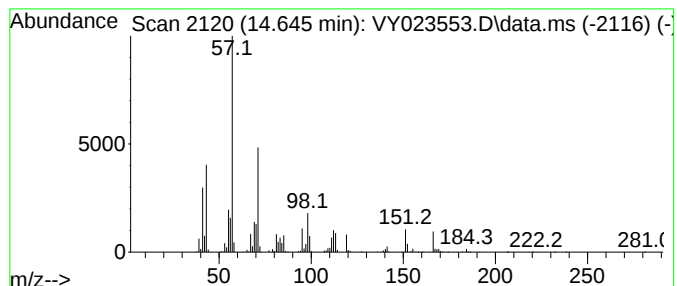
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	27.27 ug/l	1387560	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	92
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	49
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	46
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	46
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
Data File : VY023553.D
Acq On : 22 Oct 2025 15:58
Operator : SY/MD
Sample : Q3419-05
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S16-094119-20251021

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,...	12.920	45.9	ug/l	2337330	4	13.347	2543990	50.0
Naphthalene, de...	13.664	30.1	ug/l	1529570	4	13.347	2543990	50.0
Cyclohexanone, ...	14.170	30.2	ug/l	1534850	4	13.347	2543990	50.0
Undecane, 2,6-d...	14.645	27.3	ug/l	1387560	4	13.347	2543990	50.0