

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
 Data File : VY023979.D
 Acq On : 15 Dec 2025 16:18
 Operator : SY/MD
 Sample : Q3871-06
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-25-0192-0193-COMP

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\82Y121025S.M
 Title : SW846 8260

Signal : TIC: VY023979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.178	71	75	86	rBV2	17686	34578	1.74%	0.181%
2	4.628	465	477	494	rBV2	111226	363449	18.28%	1.907%
3	4.872	505	517	529	rBV5	5192	23223	1.17%	0.122%
4	5.665	635	647	656	rBV4	15700	47548	2.39%	0.250%
5	7.646	962	972	978	rBV	352675	849036	42.70%	4.455%
6	7.719	978	984	998	rVB	592345	1357550	68.27%	7.124%
7	8.073	1032	1042	1057	rBV	277062	629206	31.64%	3.302%
8	8.622	1123	1132	1145	rBV	863053	1714275	86.21%	8.995%
9	10.115	1369	1377	1384	rBV	1162111	1988406	100.00%	10.434%
10	10.176	1384	1387	1394	rVB	16460	29040	1.46%	0.152%
11	11.420	1583	1591	1605	rBV	884050	1455998	73.22%	7.640%
12	11.633	1618	1626	1636	rBV2	14959	37087	1.87%	0.195%
13	11.962	1669	1680	1687	rBV7	12035	36134	1.82%	0.190%
14	12.164	1704	1713	1720	rBV3	25523	51442	2.59%	0.270%
15	12.267	1723	1730	1737	rBV	198375	321243	16.16%	1.686%
16	12.408	1746	1753	1761	rBV	548689	900814	45.30%	4.727%
17	12.511	1761	1770	1778	rVB	196360	315603	15.87%	1.656%
18	12.664	1787	1795	1798	rBV4	17797	35183	1.77%	0.185%
19	12.737	1803	1807	1813	rVV4	27357	60349	3.04%	0.317%
20	12.816	1813	1820	1826	rVB	101056	176087	8.86%	0.924%
21	12.962	1842	1844	1852	rVB7	12232	22589	1.14%	0.119%
22	13.048	1852	1858	1866	rBV2	60518	126998	6.39%	0.666%
23	13.267	1882	1894	1902	rBV5	85059	224709	11.30%	1.179%
24	13.352	1902	1908	1917	rVB	496882	839065	42.20%	4.403%
25	13.548	1934	1940	1944	rBV2	49697	88362	4.44%	0.464%
26	13.596	1944	1948	1950	rBV2	21322	30160	1.52%	0.158%
27	13.676	1955	1961	1965	rBV2	136655	253776	12.76%	1.332%
28	13.718	1965	1968	1971	rVV3	15181	20369	1.02%	0.107%
29	13.810	1980	1983	1985	rBV2	19792	21306	1.07%	0.112%
30	13.840	1985	1988	1991	rVV3	38437	50560	2.54%	0.265%
31	13.889	1992	1996	2002	rVB2	97261	164122	8.25%	0.861%
32	14.005	2009	2015	2019	rBV3	127943	238049	11.97%	1.249%
33	14.060	2019	2024	2030	rVV9	75994	193326	9.72%	1.014%
34	14.127	2030	2035	2039	rVV6	74105	159627	8.03%	0.838%
35	14.175	2039	2043	2054	rVV4	236658	631355	31.75%	3.313%
36	14.255	2054	2056	2059	rVB	56130	65740	3.31%	0.345%

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Integrator: RTE

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Sampling : 1

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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

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37	14.310	2059	2065	2067	rBV3	123027	211759	10.65%	1.111%
38	14.346	2067	2071	2074	rVV2	181582	273573	13.76%	1.436%
39	14.401	2074	2080	2084	rVB7	122988	236854	11.91%	1.243%
40	14.493	2091	2095	2096	rBV4	38544	57805	2.91%	0.303%
41	14.535	2099	2102	2107	rVB2	165399	222723	11.20%	1.169%
42	14.602	2107	2113	2117	rBV2	292358	609774	30.67%	3.200%
43	14.651	2117	2121	2127	rVB3	308500	522740	26.29%	2.743%
44	14.712	2128	2131	2132	rBV2	49661	54377	2.73%	0.285%
45	14.761	2134	2139	2142	rBV2	321703	603039	30.33%	3.164%
46	14.858	2150	2155	2159	rVB5	259495	434855	21.87%	2.282%
47	14.913	2159	2164	2167	rBV5	118087	252121	12.68%	1.323%
48	14.956	2167	2171	2181	rVB6	141531	417858	21.01%	2.193%
49	15.114	2193	2197	2202	rBV5	103493	208836	10.50%	1.096%
50	15.175	2203	2207	2208	rBV4	200148	259947	13.07%	1.364%
51	15.261	2216	2221	2222	rBV5	196072	285330	14.35%	1.497%
52	15.352	2232	2236	2240	rBV6	177185	302529	15.21%	1.587%
53	15.639	2278	2283	2289	rBV5	283495	546649	27.49%	2.868%

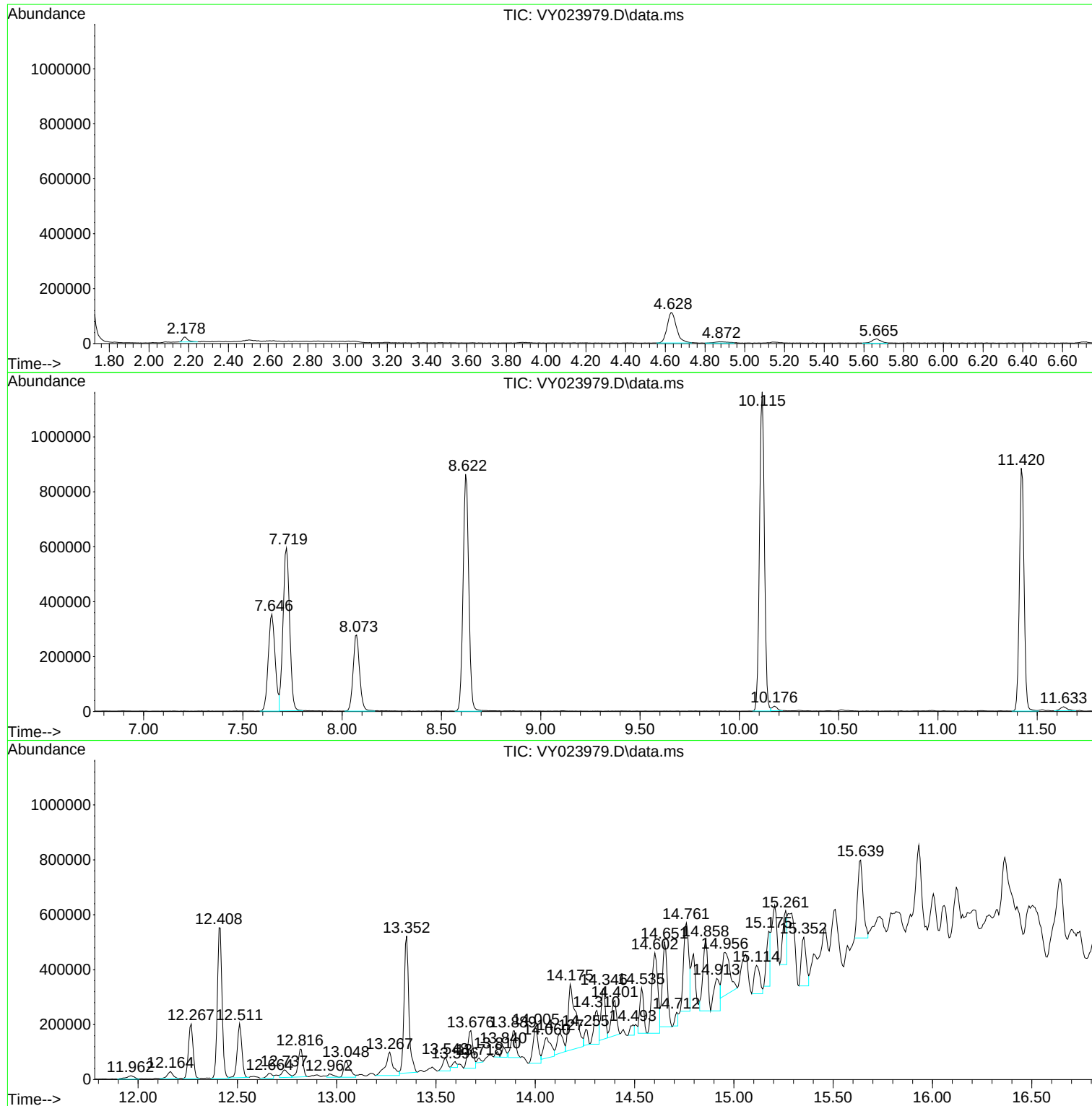
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260

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



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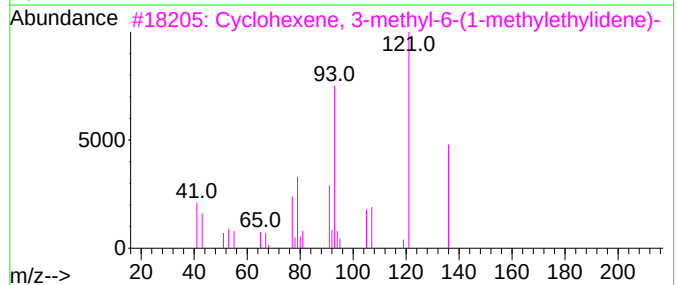
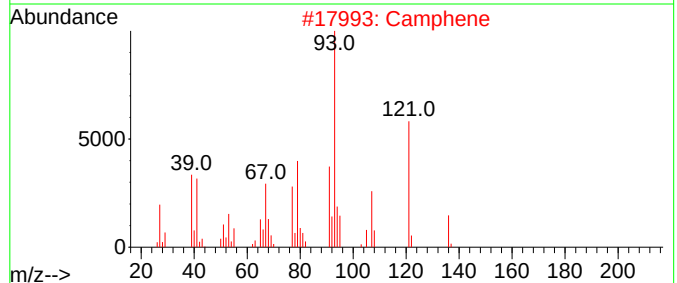
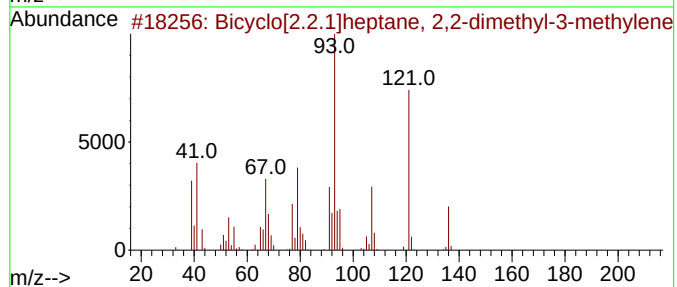
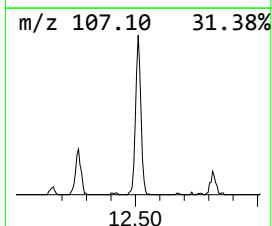
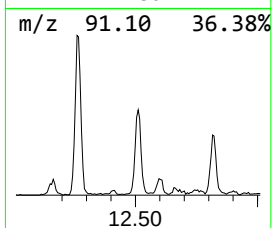
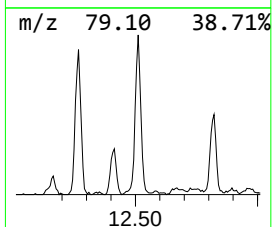
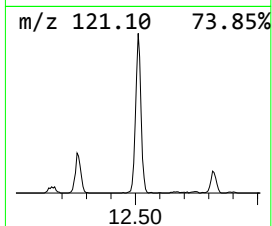
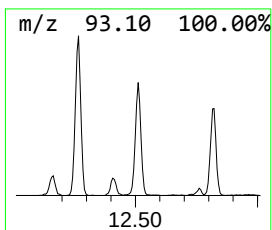
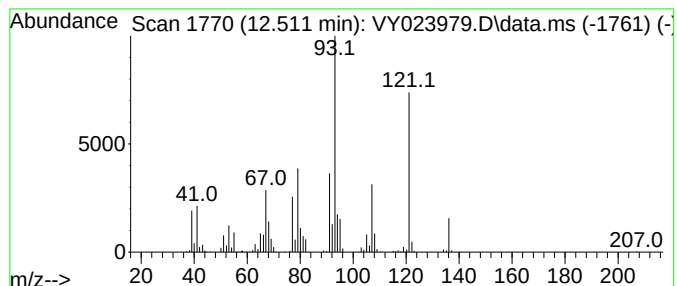
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260

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

Peak Number 1 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.511	18.81 ug/l	315603	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	97
2			Camphene	136	C10H16	000079-92-5	97
3			Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	90
4			1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	64
5			.beta.-Pinene	136	C10H16	000127-91-3	49



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Instrument :
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ClientSampleId :
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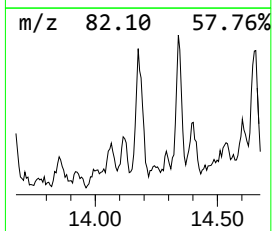
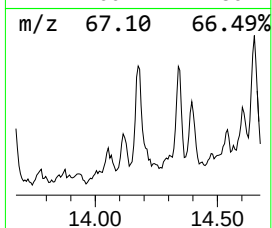
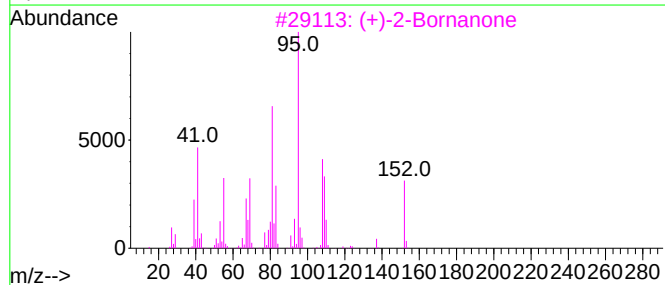
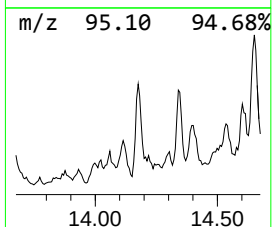
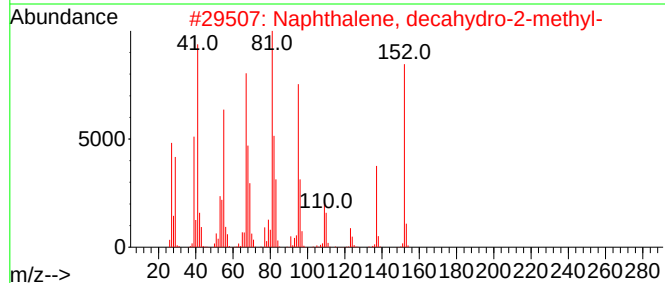
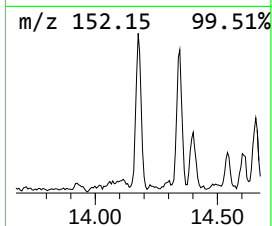
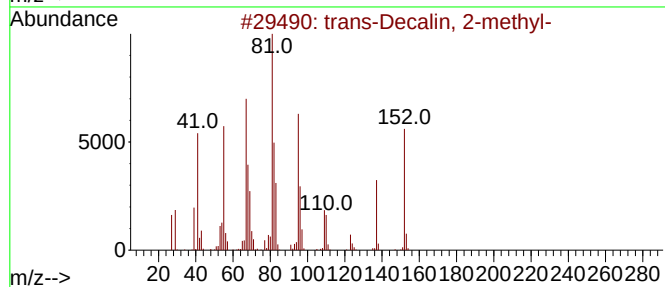
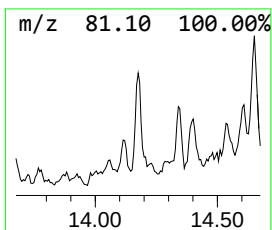
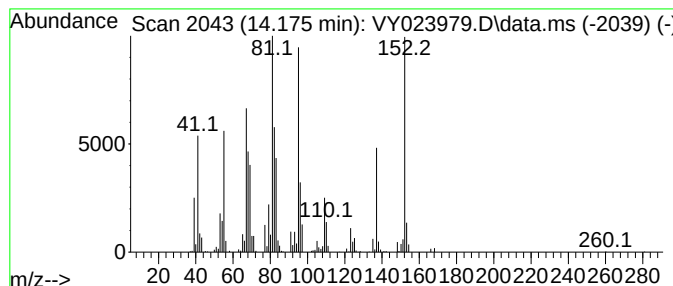
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260

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

Peak Number 2 trans-Decalin, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	37.62 ug/l	631355	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
3			(+)-2-Bornanone	152	C10H16O	000464-49-3	81
4			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	74
5			Camphor	152	C10H16O	000076-22-2	70



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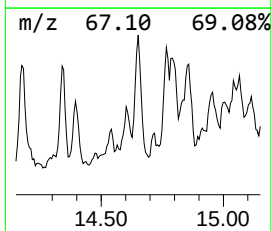
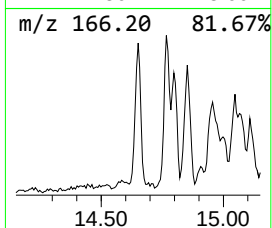
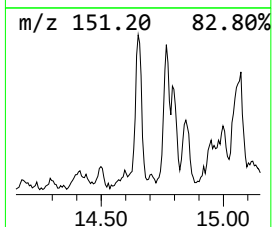
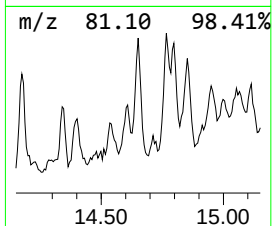
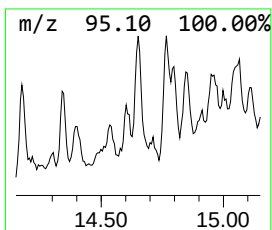
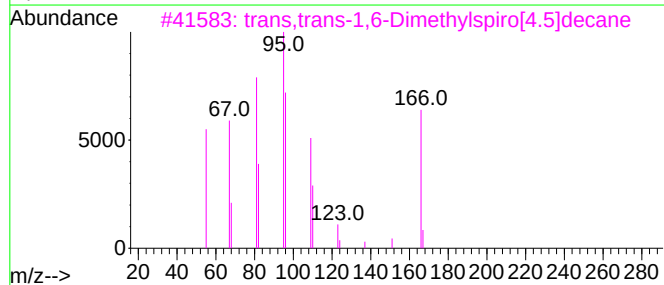
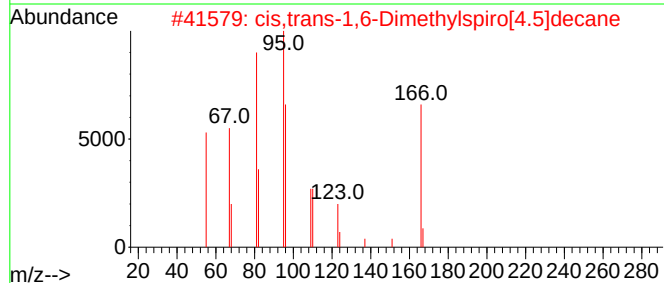
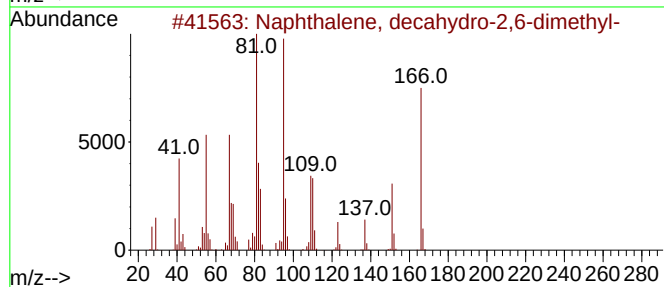
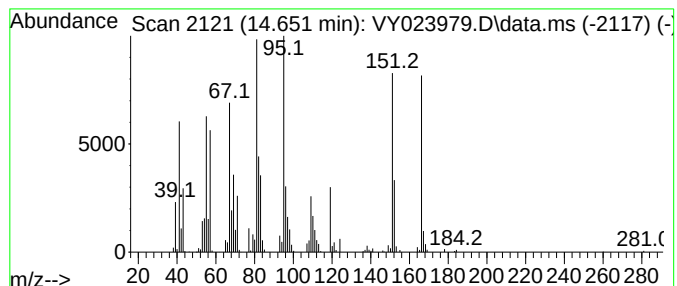
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro-2,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	31.15 ug/l	522740	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	89
2			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	86
3			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	64
4			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	64
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	50



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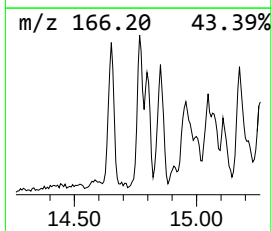
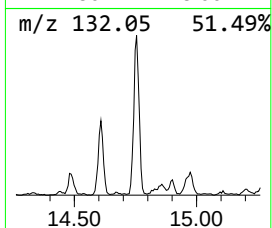
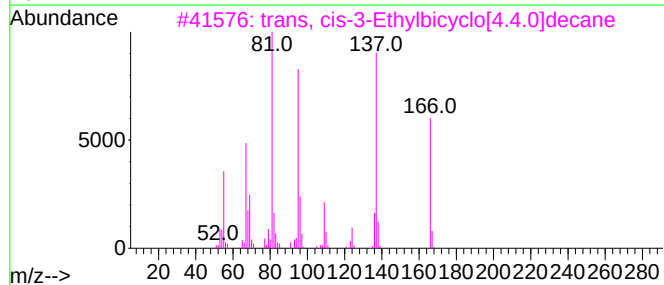
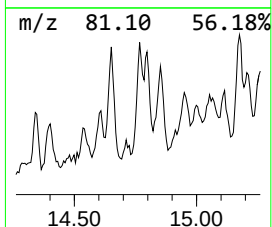
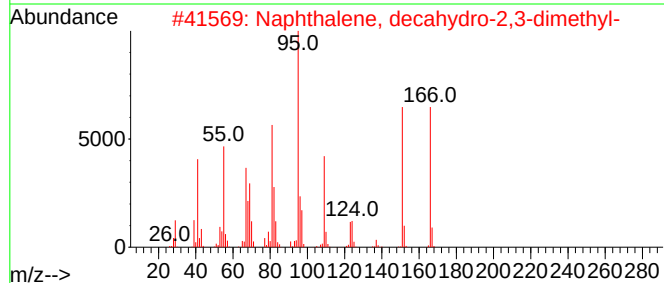
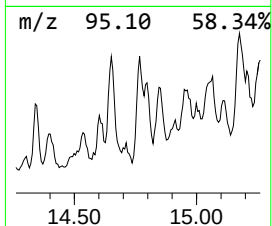
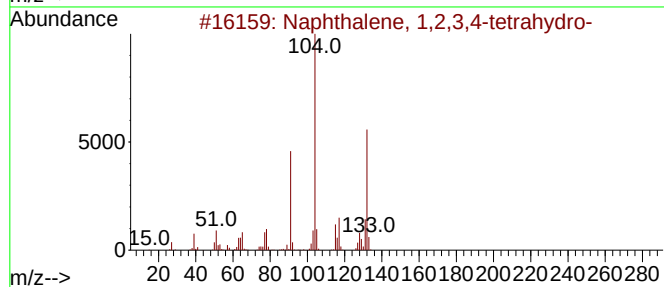
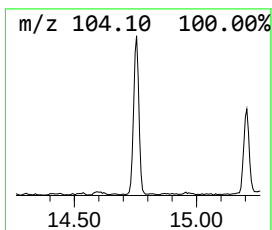
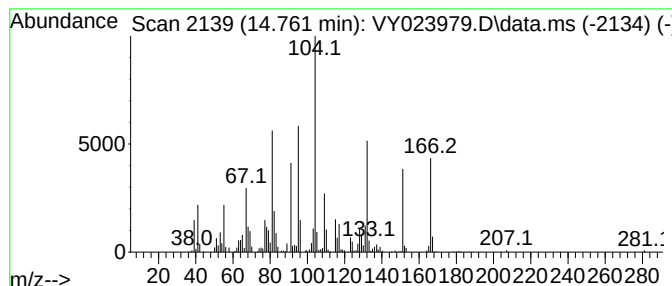
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.761	35.94 ug/l	603039	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	66
3			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	35
4			Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	30
5			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	30



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[2.2.1]h...	12.511	18.8	ug/l	315603	4	13.352	839065	50.0
trans-Decalin, ...	14.176	37.6	ug/l	631355	4	13.352	839065	50.0
Naphthalene, de...	14.651	31.1	ug/l	522740	4	13.352	839065	50.0
Naphthalene, 1,...	14.761	35.9	ug/l	603039	4	13.352	839065	50.0