

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
 Data File : VY022938.D
 Acq On : 03 Jul 2025 13:26
 Operator : SY/MD
 Sample : Q2487-01
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G4(1.5)

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\82Y062325S.M
 Title : SW846 8260

Signal : TIC: VY022938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	13	17	25	rVB3	15790	25818	1.54%	0.193%
2	2.172	70	74	82	rBV3	11448	23243	1.38%	0.174%
3	3.019	211	213	221	rVB4	10805	20995	1.25%	0.157%
4	3.873	344	353	371	rBV	32905	93126	5.54%	0.698%
5	4.104	383	391	400	rBV2	15078	42165	2.51%	0.316%
6	4.622	466	476	490	rBV4	14217	53325	3.17%	0.400%
7	5.641	635	643	655	rVB6	5874	19810	1.18%	0.148%
8	6.896	841	849	858	rBV	8194	22217	1.32%	0.166%
9	7.634	960	970	976	rBV2	220584	543475	32.35%	4.072%
10	7.707	976	982	998	rVB	356723	811898	48.33%	6.083%
11	8.061	1030	1040	1050	rBV	204047	460115	27.39%	3.447%
12	8.616	1120	1131	1142	rBV	594017	1188692	70.76%	8.905%
13	9.103	1203	1211	1219	rBV8	6622	17343	1.03%	0.130%
14	10.103	1368	1375	1384	rBV	984186	1679883	100.00%	12.585%
15	10.298	1399	1407	1413	rVB6	10005	21176	1.26%	0.159%
16	10.542	1442	1447	1455	rVV8	8690	21558	1.28%	0.162%
17	11.018	1519	1525	1530	rVB3	13126	21836	1.30%	0.164%
18	11.219	1552	1558	1567	rVB5	13013	33222	1.98%	0.249%
19	11.414	1582	1590	1600	rBV	962568	1568313	93.36%	11.750%
20	11.633	1616	1626	1629	rBV4	15350	46439	2.76%	0.348%
21	11.932	1666	1675	1685	rBV4	16249	59568	3.55%	0.446%
22	12.127	1702	1707	1709	rBV5	20042	33372	1.99%	0.250%
23	12.158	1709	1712	1718	rVV5	21661	37019	2.20%	0.277%
24	12.243	1722	1726	1733	rVB8	10447	19197	1.14%	0.144%
25	12.402	1746	1752	1760	rBV2	800570	1377233	81.98%	10.318%
26	12.499	1762	1768	1771	rBV6	18340	37883	2.26%	0.284%
27	12.566	1774	1779	1786	rVB3	55072	102814	6.12%	0.770%
28	12.651	1786	1793	1798	rBV8	35846	92294	5.49%	0.691%
29	12.725	1799	1805	1807	rBV3	38066	72242	4.30%	0.541%
30	12.871	1826	1829	1833	rBV5	21942	31179	1.86%	0.234%
31	12.987	1840	1848	1853	rVB5	48496	120313	7.16%	0.901%
32	13.048	1854	1858	1862	rBV4	34793	60450	3.60%	0.453%
33	13.103	1863	1867	1872	rVB6	25085	55690	3.32%	0.417%
34	13.170	1874	1878	1881	rVV3	27009	42755	2.55%	0.320%
35	13.212	1881	1885	1891	rVV7	54215	111737	6.65%	0.837%
36	13.273	1891	1895	1901	rVV4	40549	96111	5.72%	0.720%

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37	13.340	1901	1906	1914	rVB	859704	1366477	81.34%	10.237%
38	13.407	1914	1917	1921	rBV6	29878	43205	2.57%	0.324%
39	13.487	1925	1930	1934	rVV3	77956	126480	7.53%	0.948%
40	13.615	1945	1951	1952	rBV6	35466	65570	3.90%	0.491%
41	13.663	1952	1959	1964	rVV4	198613	413055	24.59%	3.095%
42	13.798	1978	1981	1986	rVB2	70224	99275	5.91%	0.744%
43	14.066	2018	2025	2029	rBV7	58503	127144	7.57%	0.953%
44	14.121	2030	2034	2038	rBV6	40494	60602	3.61%	0.454%
45	14.169	2038	2042	2046	rBV2	224609	347649	20.69%	2.605%
46	14.334	2065	2069	2074	rBV2	258600	380602	22.66%	2.851%
47	14.462	2086	2090	2093	rBV4	49773	72266	4.30%	0.541%
48	14.535	2098	2102	2106	rVB6	44571	65652	3.91%	0.492%
49	14.645	2116	2120	2126	rVB3	118438	183522	10.92%	1.375%
50	14.761	2135	2139	2141	rBV2	78935	108147	6.44%	0.810%
51	14.858	2152	2155	2158	rVB3	77130	105966	6.31%	0.794%
52	14.913	2158	2164	2167	rBV5	56553	118972	7.08%	0.891%
53	15.035	2181	2184	2192	rVB5	74065	169351	10.08%	1.269%
54	15.175	2202	2207	2214	rBV8	48488	89154	5.31%	0.668%
55	15.334	2231	2233	2242	rVB9	35896	68482	4.08%	0.513%
56	15.505	2256	2261	2266	rBV5	39171	69672	4.15%	0.522%
57	15.913	2321	2328	2337	rVB10	23821	67462	4.02%	0.505%
58	15.992	2337	2341	2346	rVV6	12590	23347	1.39%	0.175%
59	16.041	2346	2349	2354	rVB6	10624	17699	1.05%	0.133%
60	16.224	2372	2379	2388	rVB7	17285	47731	2.84%	0.358%
61	16.364	2398	2402	2414	rVB9	18086	45895	2.73%	0.344%

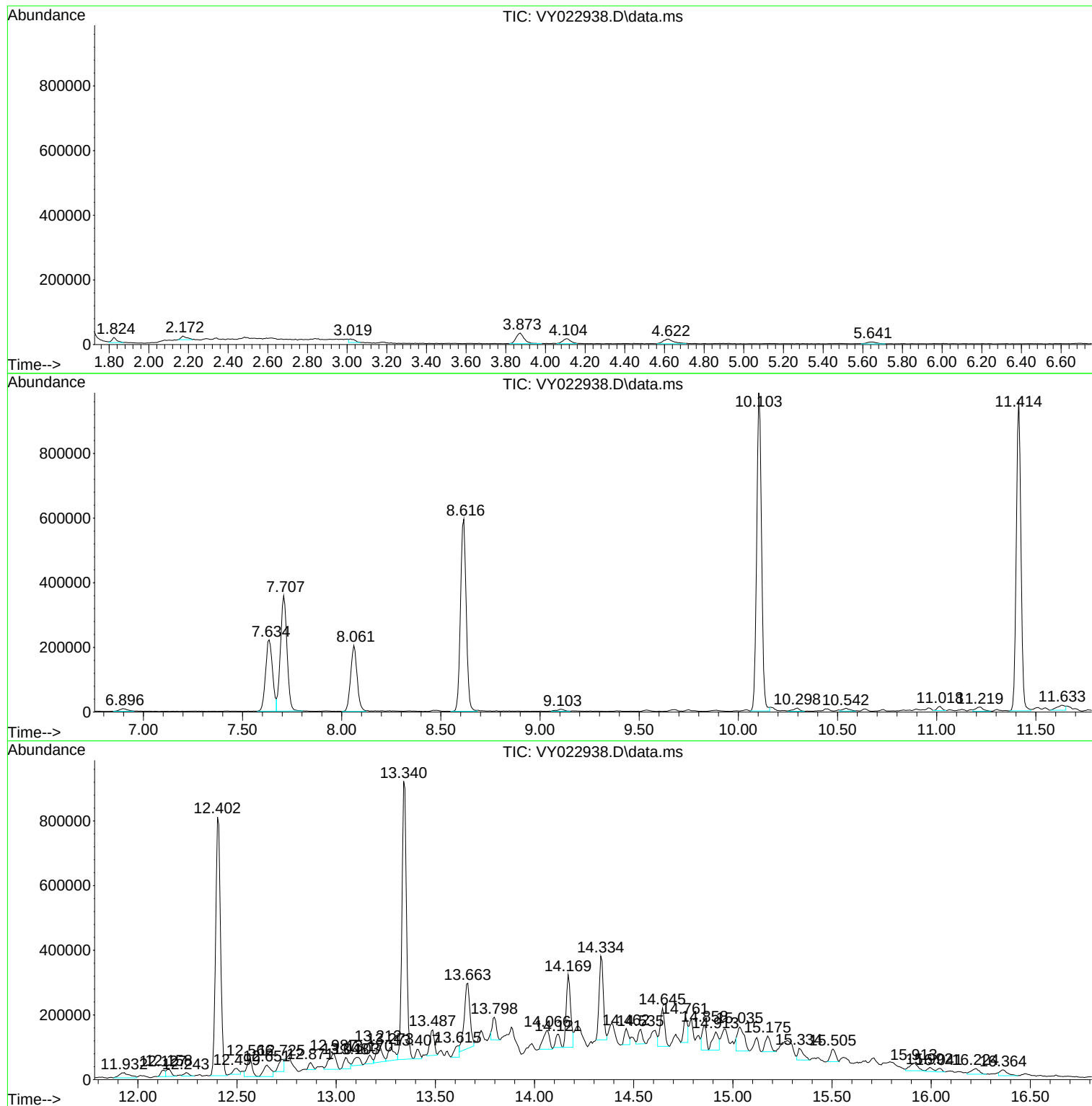
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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G4(1.5)

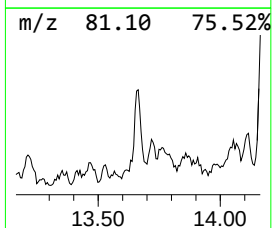
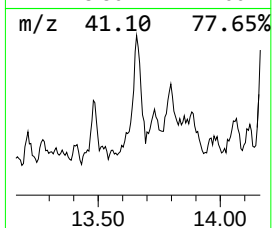
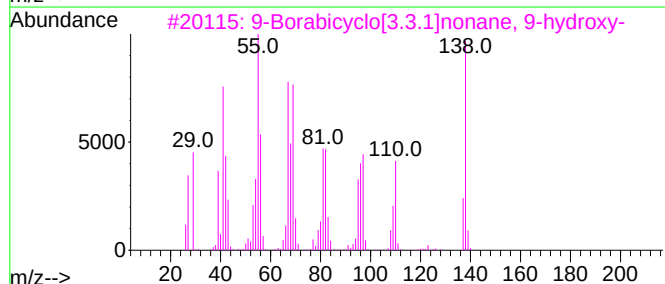
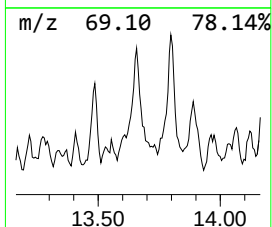
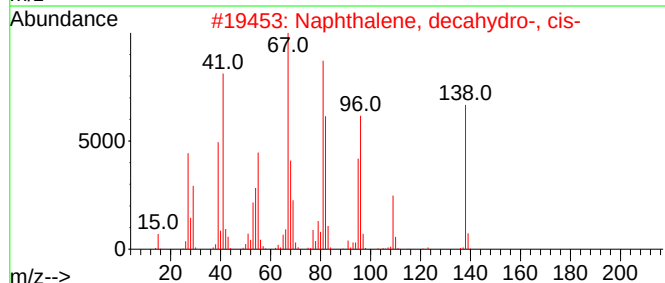
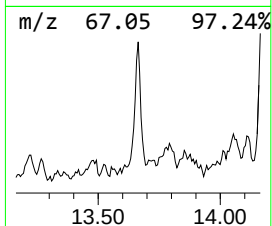
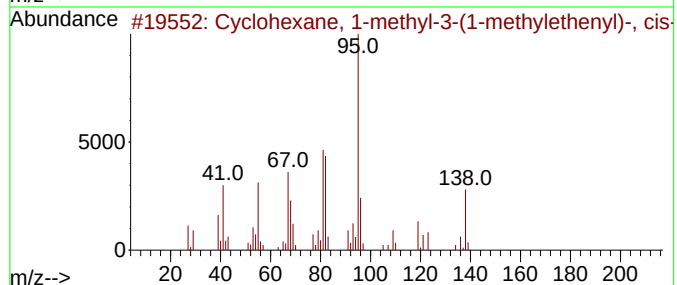
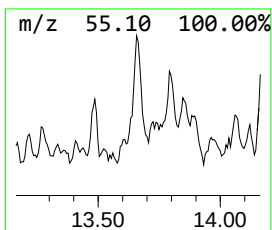
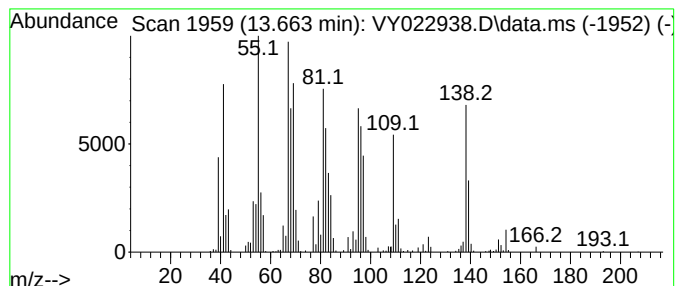
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	15.11 ug/l	413055	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	70
2			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	60
3			9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	52
4			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	49
5			Naphthalene, decahydro-	138	C10H18	000091-17-8	49



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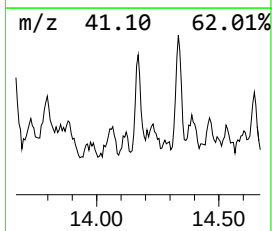
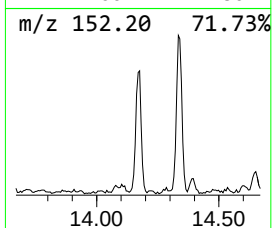
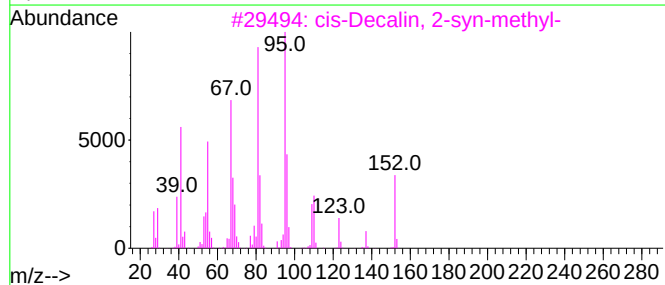
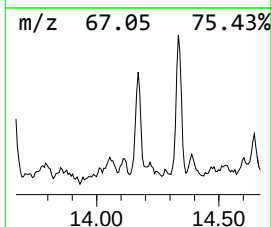
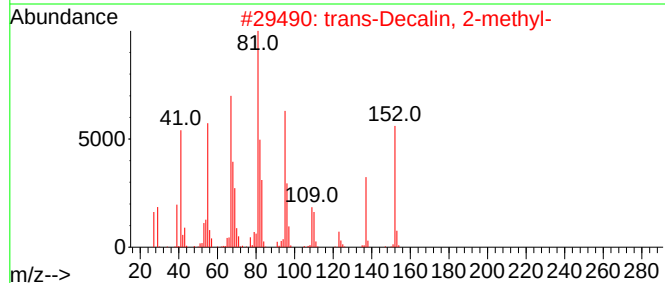
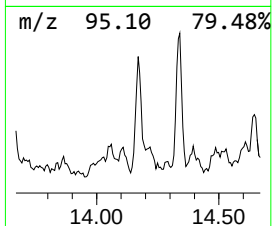
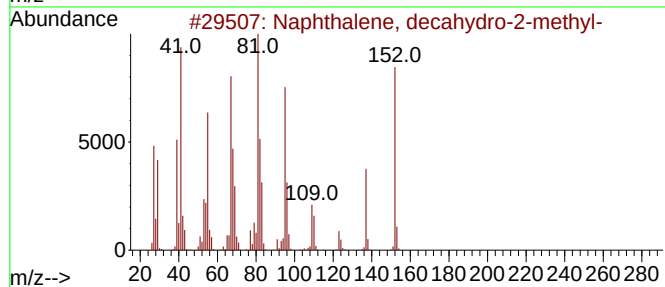
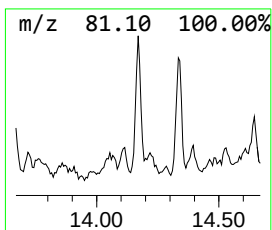
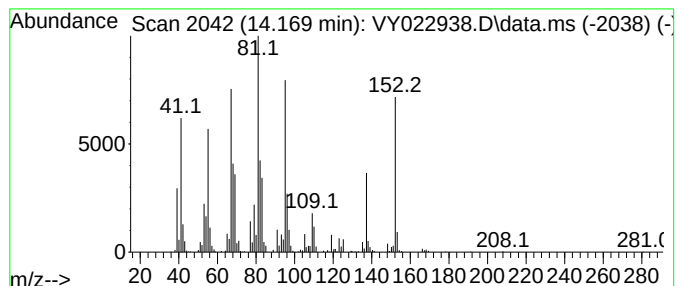
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	12.72 ug/l	347649	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	99
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	87
4			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	76
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70



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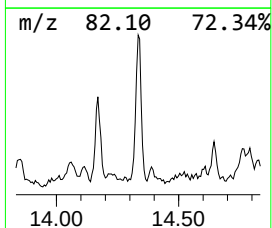
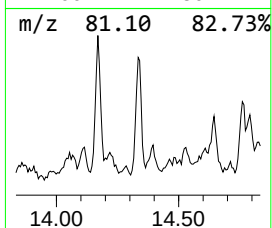
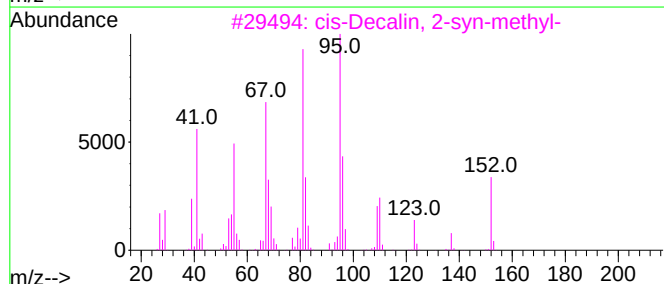
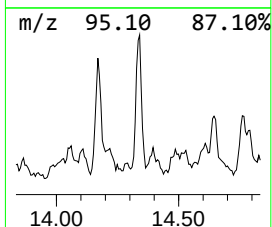
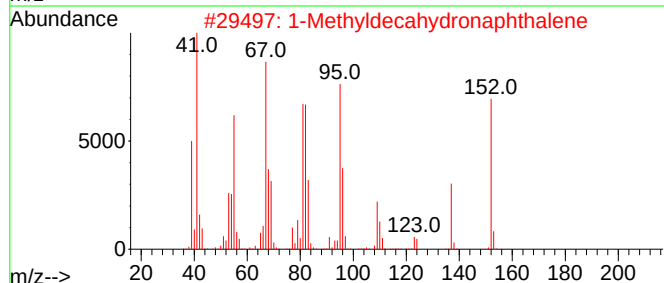
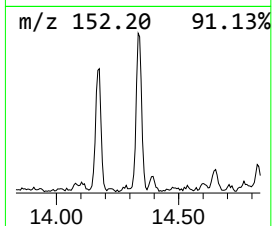
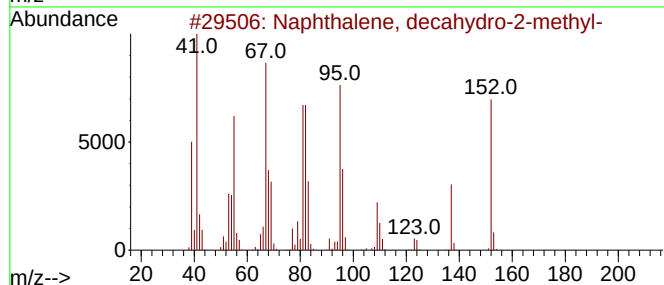
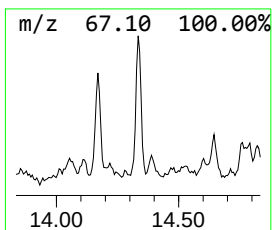
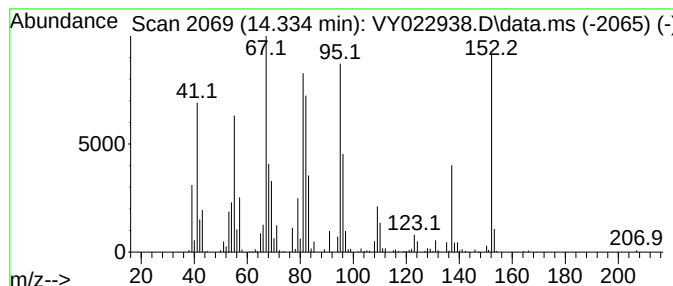
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Methyldecahydronaphthalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	13.93 ug/l	380602	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	93
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	78



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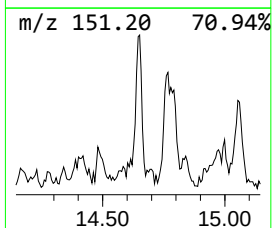
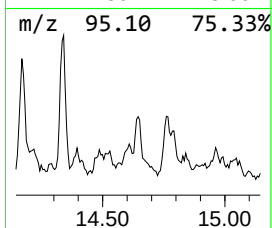
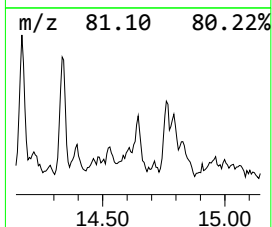
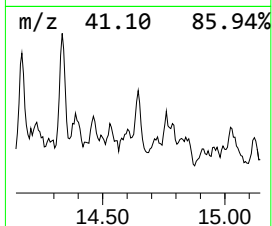
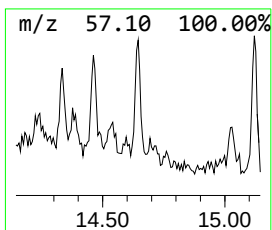
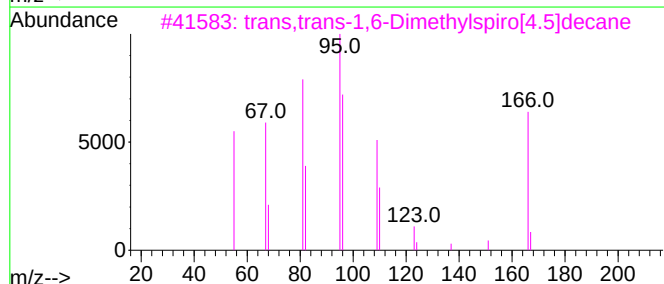
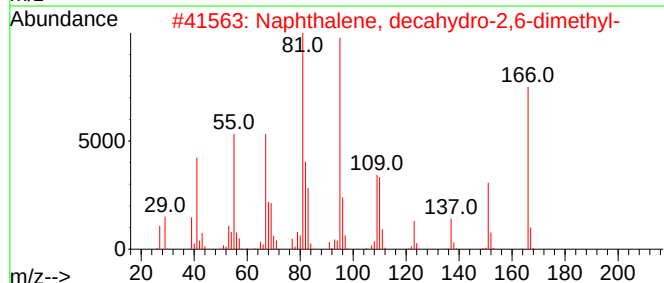
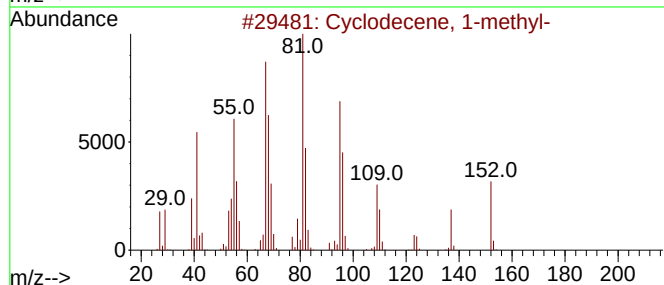
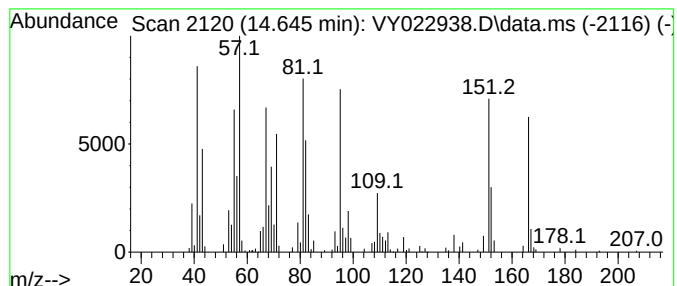
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Quant Title : SW846 8260

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

Peak Number 4 Cyclodecene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	6.72 ug/l	183522	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	64
2			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	58
3			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	58
4			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	53
5			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	52



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ClientSampleId :
G4(1.5)

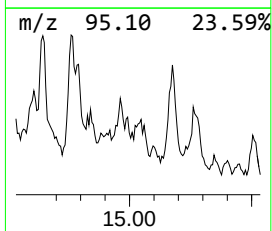
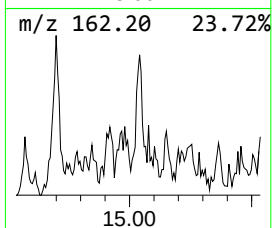
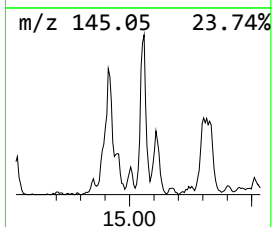
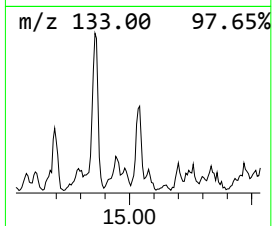
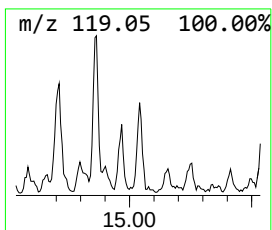
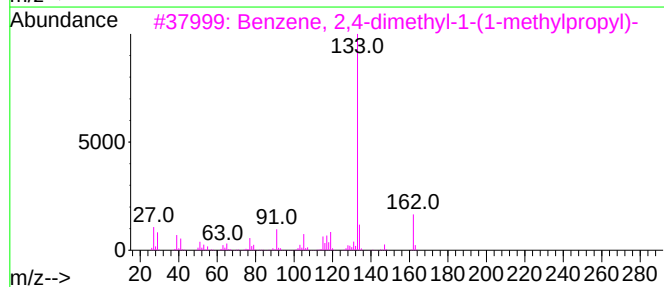
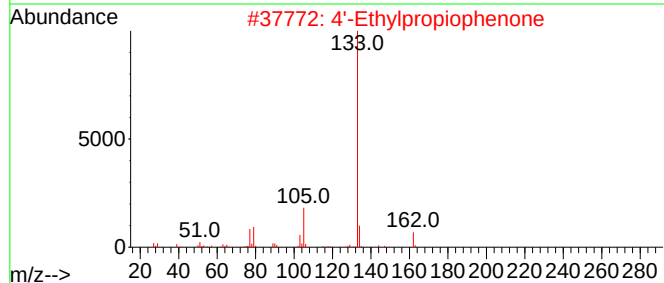
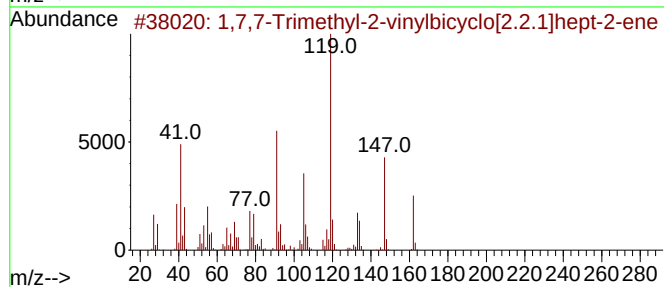
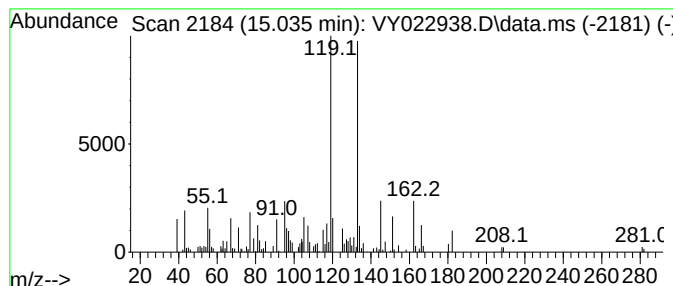
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown15.035 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.035	6.20 ug/l	169351	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7,7-Trimethyl-2-vinylbicyclo[2...]	162	C12H18	130930-56-2	41
2			4'-Ethylpropiophenone	162	C11H14O	027465-51-6	30
3			Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	30
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	30
5			1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
Data File : VY022938.D
Acq On : 03 Jul 2025 13:26
Operator : SY/MD
Sample : Q2487-01
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.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-...	13.664	15.1	ug/l	413055	4	13.347	1366480	50.0
Naphthalene, de...	14.169	12.7	ug/l	347649	4	13.347	1366480	50.0
1-Methyldecahyd...	14.334	13.9	ug/l	380602	4	13.347	1366480	50.0
Cyclodecene, 1-...	14.645	6.7	ug/l	183522	4	13.347	1366480	50.0
unknown15.035	15.035	6.2	ug/l	169351	4	13.347	1366480	50.0