

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048816.D
 Acq On : 10 Dec 2025 16:54
 Operator : JC/MD
 Sample : Q3788-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16B-87.5-120525RE

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_X\Method\82X120425W.M
 Title : SW846 8260

Signal : TIC: VX048816.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.148	8	10	22	rVB2	10628	16593	1.47%	0.198%
2	2.373	206	211	221	rBV	10222	21467	1.91%	0.256%
3	3.568	400	407	415	rBV3	7563	18208	1.62%	0.217%
4	5.373	692	703	720	rBV2	97091	312653	27.75%	3.725%
5	5.544	720	731	753	rVB2	135227	428907	38.07%	5.110%
6	5.946	787	797	819	rBV2	99825	297834	26.44%	3.548%
7	6.745	917	928	947	rBV	260905	687449	61.02%	8.190%
8	8.635	1231	1238	1249	rBV	536873	882496	78.34%	10.513%
9	10.037	1462	1468	1480	rBV	675977	971171	86.21%	11.570%
10	10.134	1480	1484	1492	rVB	30763	42325	3.76%	0.504%
11	11.061	1631	1636	1647	rBV	516003	722732	64.15%	8.610%
12	11.866	1762	1768	1774	rVB5	11968	17020	1.51%	0.203%
13	11.951	1777	1782	1786	rVV	727839	871400	77.35%	10.381%
14	12.006	1786	1791	1799	rVV	809072	1126543	100.00%	13.421%
15	12.085	1799	1804	1809	rVB5	12036	18917	1.68%	0.225%
16	12.219	1819	1826	1832	rBV	127312	153630	13.64%	1.830%
17	12.506	1868	1873	1879	rBV	38816	48510	4.31%	0.578%
18	12.798	1910	1921	1924	rBV7	14136	23241	2.06%	0.277%
19	12.841	1924	1928	1930	rVV4	9944	14145	1.26%	0.169%
20	12.884	1930	1935	1940	rVB4	28422	49279	4.37%	0.587%
21	12.963	1945	1948	1951	rBV5	14178	16034	1.42%	0.191%
22	13.024	1955	1958	1961	rVB2	17484	19537	1.73%	0.233%
23	13.073	1961	1966	1971	rBV5	11477	23773	2.11%	0.283%
24	13.152	1971	1979	1980	rBV7	7017	15061	1.34%	0.179%
25	13.195	1982	1986	1992	rBV7	11919	23300	2.07%	0.278%
26	13.274	1992	1999	2005	rBV2	56559	106211	9.43%	1.265%
27	13.329	2005	2008	2011	rBV4	29779	45032	4.00%	0.536%
28	13.365	2011	2014	2017	rBV	193399	226013	20.06%	2.693%
29	13.475	2029	2032	2038	rVB5	21569	36065	3.20%	0.430%
30	13.585	2044	2050	2053	rBV5	20884	46447	4.12%	0.553%
31	13.682	2057	2066	2069	rBV2	59654	147529	13.10%	1.758%
32	13.719	2069	2072	2075	rVV	81094	102035	9.06%	1.216%
33	13.749	2075	2077	2079	rVV2	37713	37982	3.37%	0.452%
34	13.780	2079	2082	2085	rVV3	38410	49386	4.38%	0.588%
35	13.823	2085	2089	2096	rVV	229520	315821	28.03%	3.762%
36	13.884	2096	2099	2107	rVB5	50223	94131	8.36%	1.121%

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Integrator: RTE

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Sampling : 1

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Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	13.975	2107	2114	2116	rBV3	20612	40478	3.59%	0.482%
38	14.054	2124	2127	2129	rBV3	25720	32986	2.93%	0.393%
39	14.085	2129	2132	2133	rVV2	32151	39972	3.55%	0.476%
40	14.115	2134	2137	2140	rVV2	39764	54203	4.81%	0.646%
41	14.170	2143	2146	2149	rVB	44395	51630	4.58%	0.615%
42	14.316	2168	2170	2177	rVB6	10186	16419	1.46%	0.196%
43	14.390	2177	2182	2184	rBV3	14974	21237	1.89%	0.253%
44	14.414	2184	2186	2189	rVV3	13276	14511	1.29%	0.173%
45	14.487	2195	2198	2203	rVB3	18725	32991	2.93%	0.393%
46	14.542	2205	2207	2212	rVB5	11975	17088	1.52%	0.204%
47	14.591	2212	2215	2221	rVB	36037	43771	3.89%	0.521%

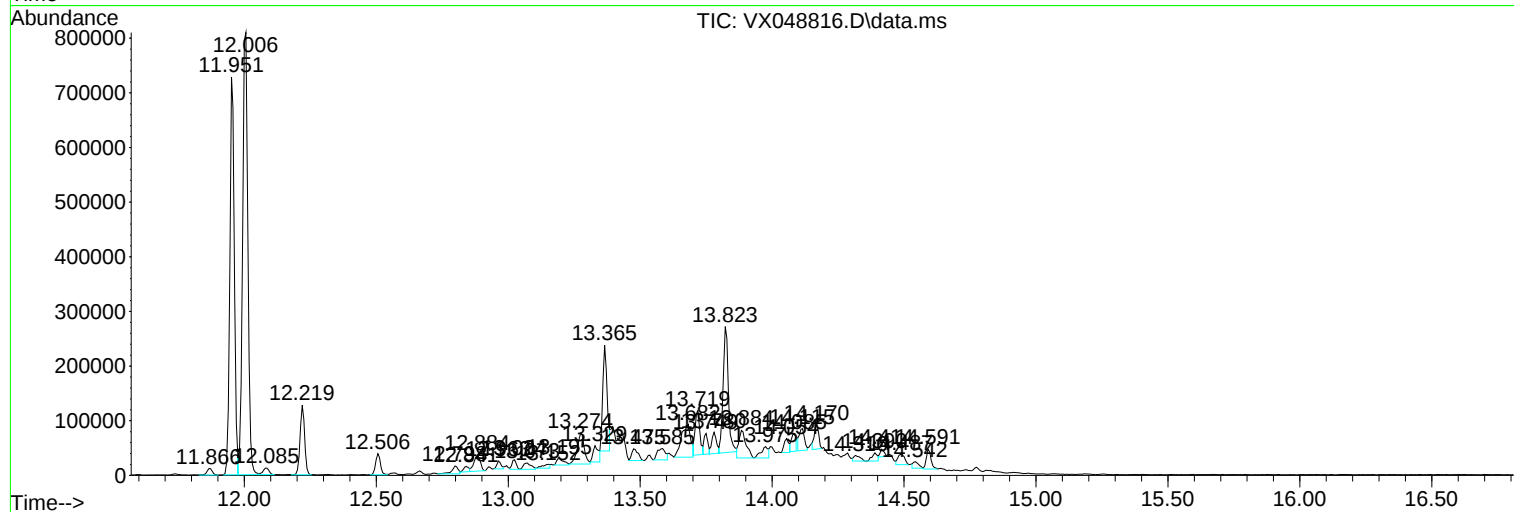
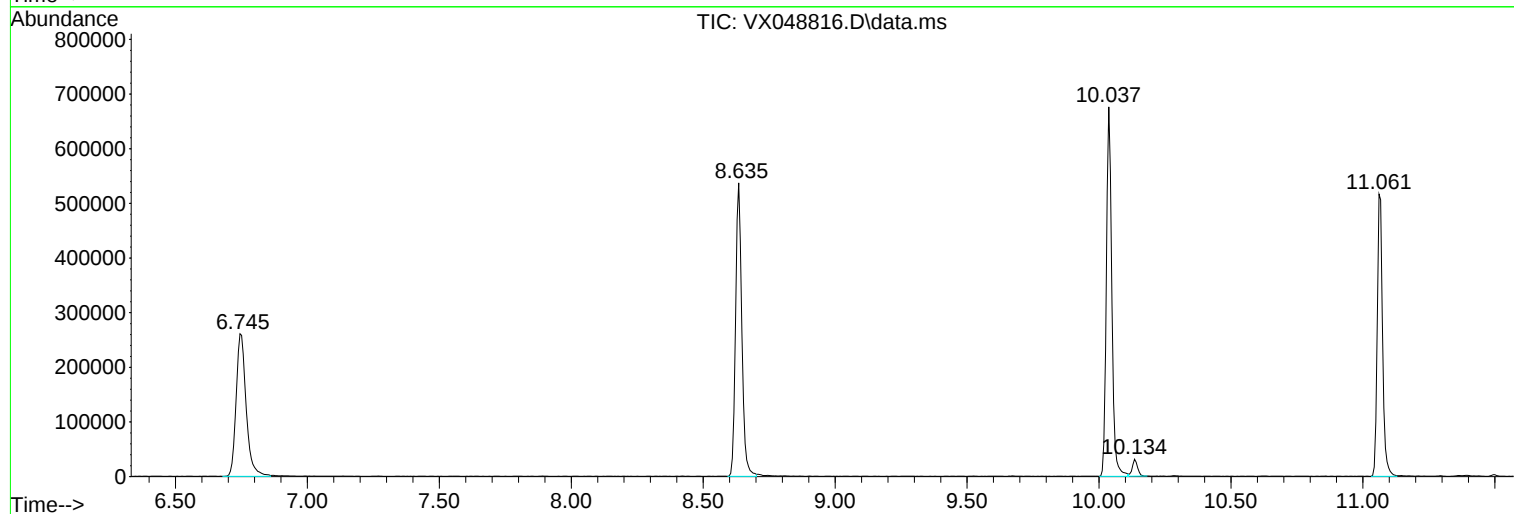
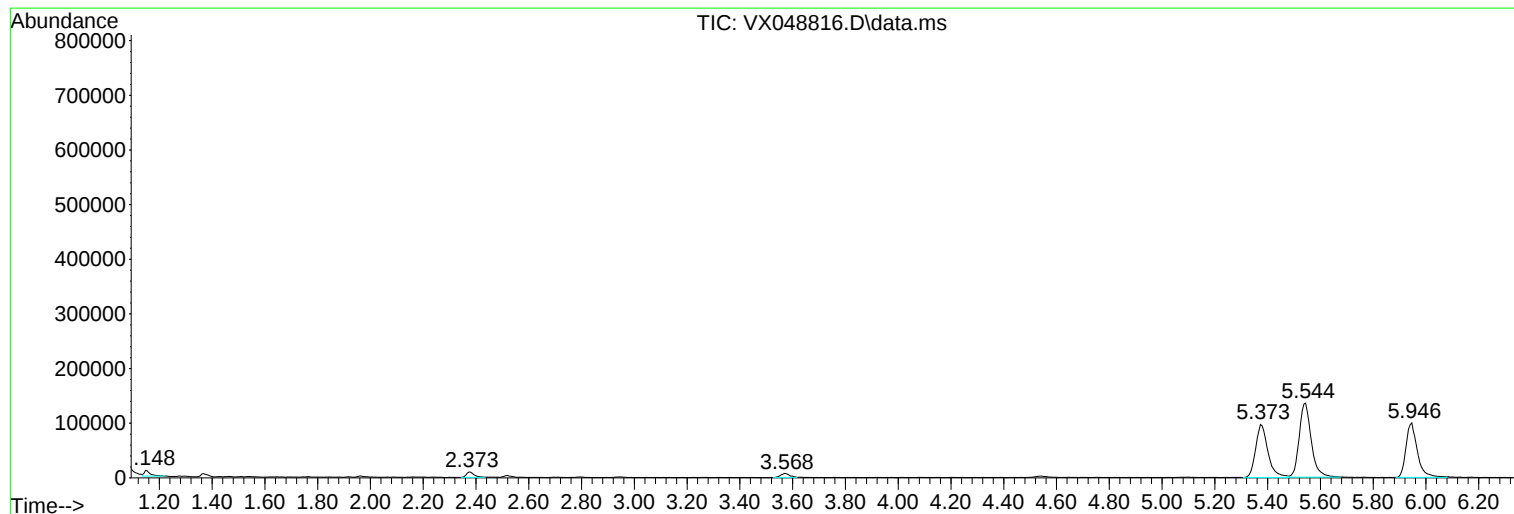
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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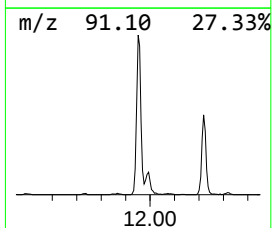
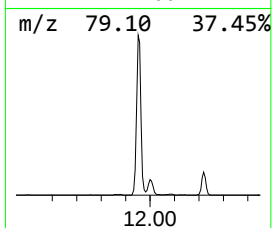
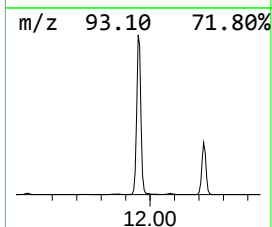
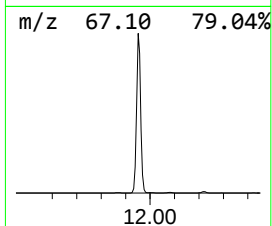
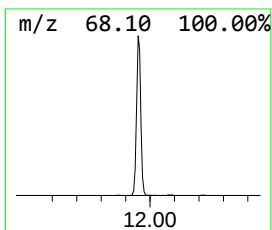
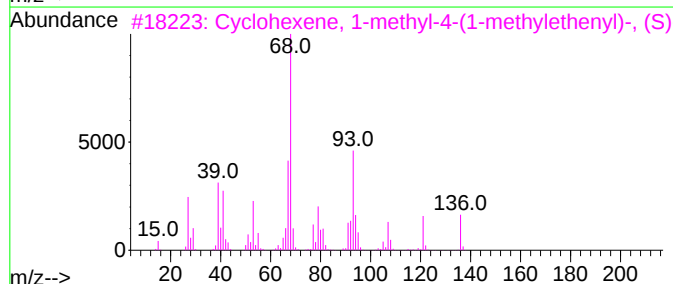
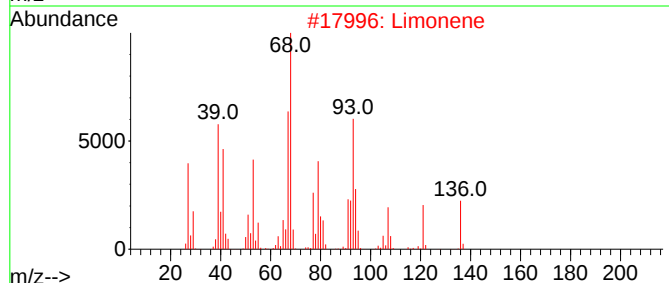
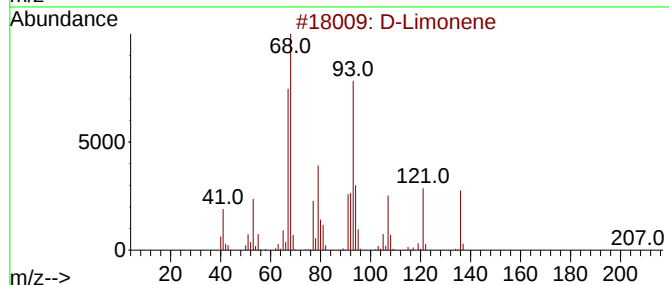
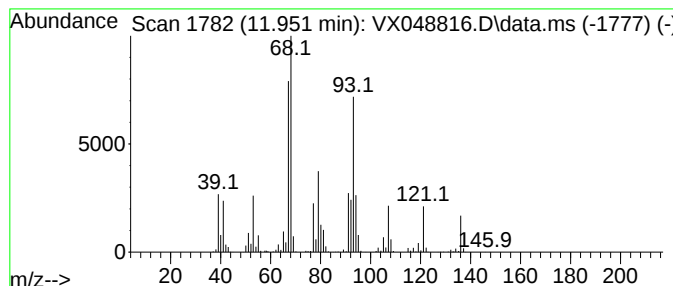
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260

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

Peak Number 1 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	38.68 ug/l	871400	1,4-Dichlorobenzene-d4	12.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	98
2			Limonene	136	C10H16	000138-86-3	87
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	74
4			1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	64
5			Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	64



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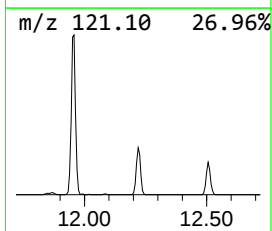
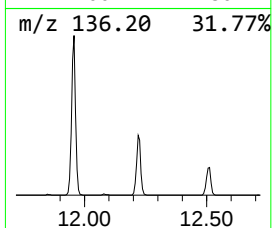
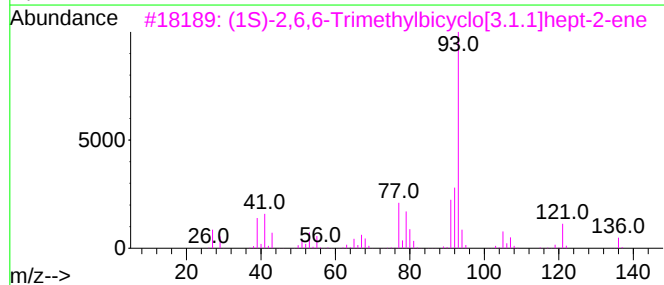
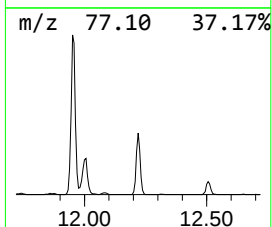
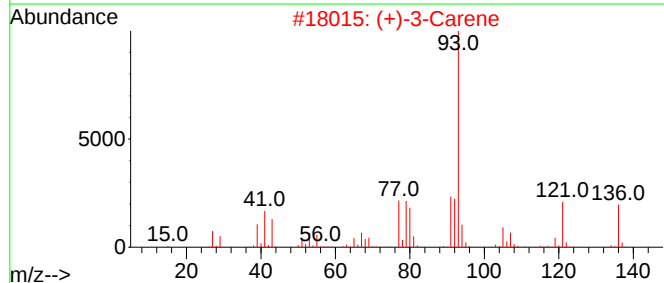
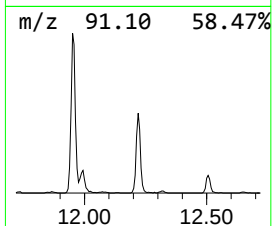
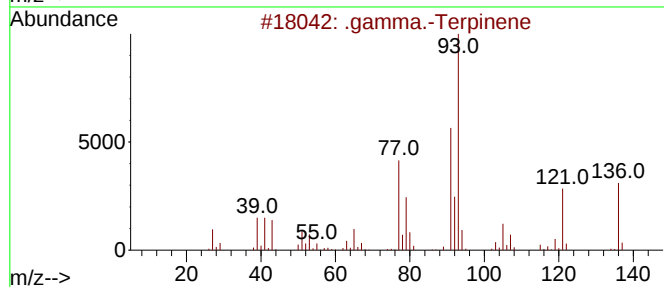
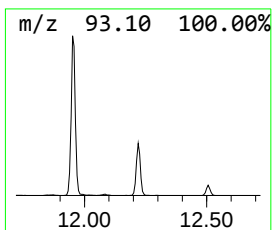
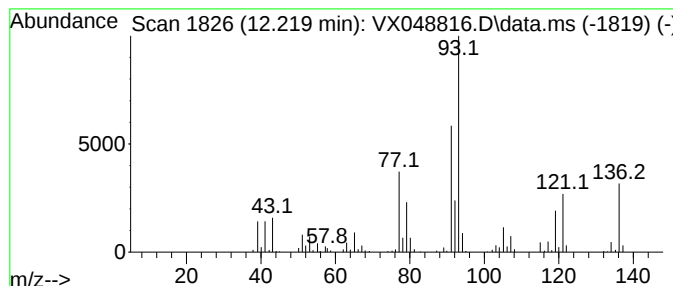
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .gamma.-Terpinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	6.82 ug/l	153630	1,4-Dichlorobenzene-d4	12.006

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Terpinene	136	C10H16	000099-85-4	96
2		(+)-3-Carene	136	C10H16	000498-15-7	87
3		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	81
5		3-Carene	136	C10H16	013466-78-9	81



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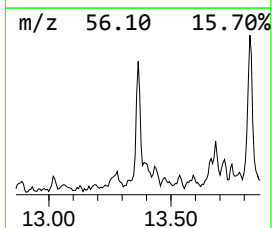
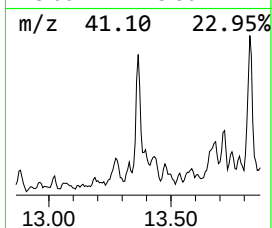
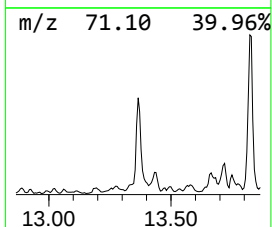
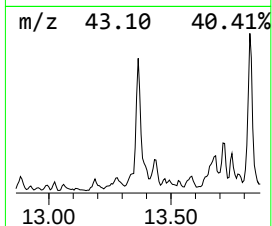
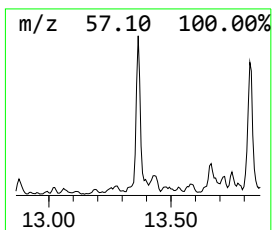
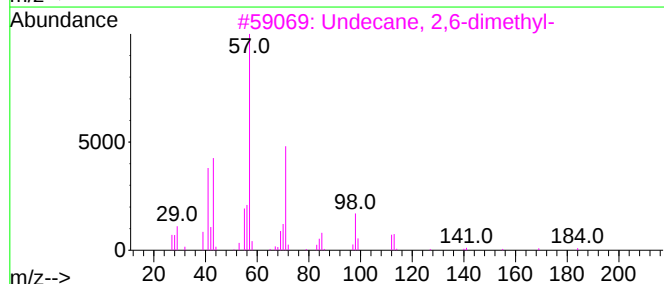
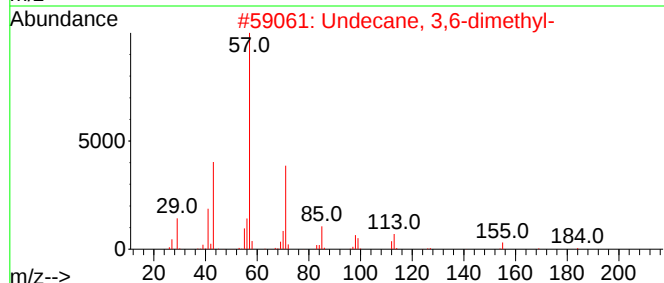
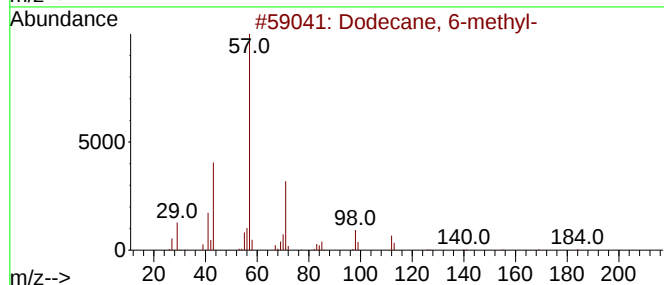
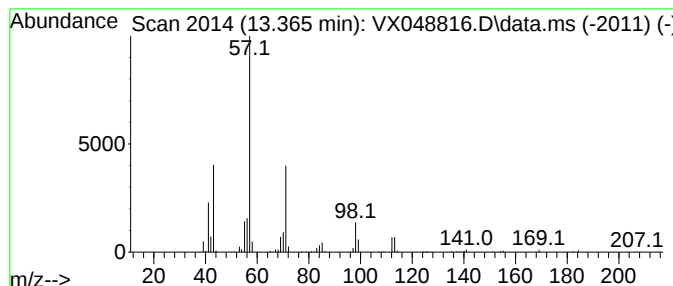
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.365	10.03 ug/l	226013	1,4-Dichlorobenzene-d4	12.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 6-methyl-	184	C13H28	006044-71-9	97
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	80
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80



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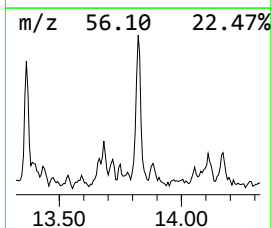
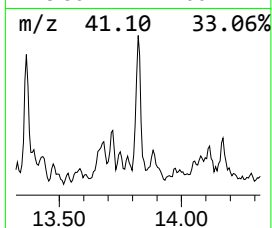
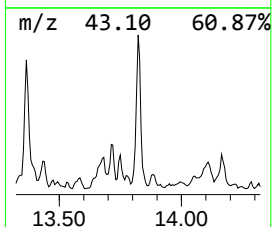
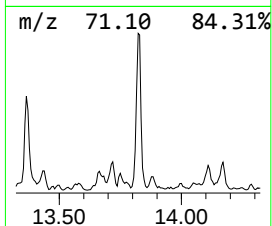
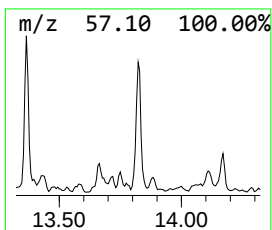
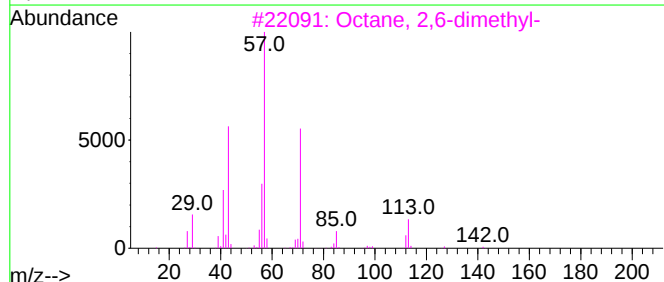
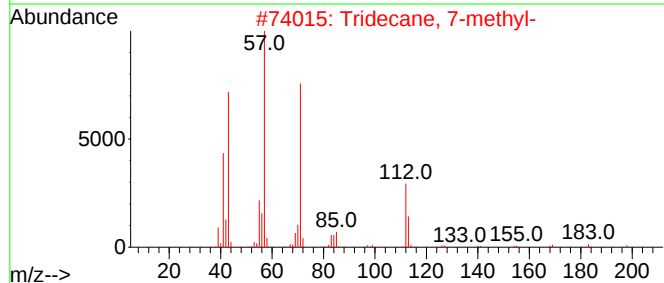
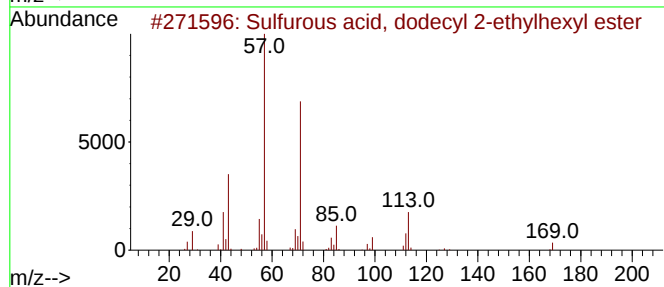
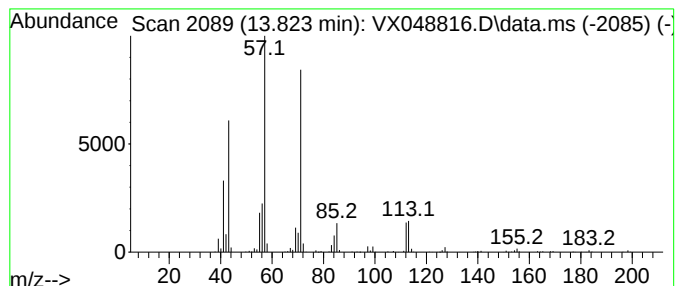
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Sulfurous acid, dodecyl 2-e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.823	14.02 ug/l	315821	1,4-Dichlorobenzene-d4	12.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	86
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4			Heptane, 3-[(ethenylloxy)methyl]-	156	C10H20O	000103-44-6	72
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
D-Limonene	11.951	38.7	ug/l	871400	4	12.006	1126540	50.0
.gamma.-Terpinene	12.219	6.8	ug/l	153630	4	12.006	1126540	50.0
Dodecane, 6-met...	13.365	10.0	ug/l	226013	4	12.006	1126540	50.0
Sulfurous acid,...	13.823	14.0	ug/l	315821	4	12.006	1126540	50.0