

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014347.D
 Acq On : 21 Jun 2023 19:38
 Operator : KP/MD
 Sample : 03358-04
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(0-2)

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\82Y060923S.M
 Title : SW846 8260

Signal : TIC: VY014347.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.247	226	234	243	rVB5	4045	9366	1.01%	0.135%
2	3.954	342	350	357	rBV2	4913	13269	1.44%	0.191%
3	4.216	382	393	406	rBV3	5405	18667	2.02%	0.269%
4	4.716	463	475	493	rBV3	36688	115706	12.52%	1.667%
5	5.753	635	645	657	rBV3	7173	23777	2.57%	0.342%
6	6.978	836	846	862	rBV	60474	185511	20.07%	2.672%
7	7.722	958	968	973	rBV	140425	330109	35.72%	4.755%
8	7.789	973	979	995	rVB	236395	548253	59.32%	7.897%
9	8.143	1024	1037	1050	rBV2	157219	394659	42.70%	5.684%
10	8.691	1118	1127	1140	rBV	342082	686698	74.30%	9.891%
11	10.185	1364	1372	1379	rBV	530097	924219	100.00%	13.312%
12	10.264	1379	1385	1388	rBV4	6145	10802	1.17%	0.156%
13	10.581	1427	1437	1444	rBV	48743	91106	9.86%	1.312%
14	10.947	1491	1497	1505	rBV	51183	88433	9.57%	1.274%
15	11.319	1553	1558	1564	rVB2	19628	31842	3.45%	0.459%
16	11.490	1578	1586	1596	rBV	515188	854682	92.48%	12.310%
17	11.868	1642	1648	1656	rBV4	9088	17546	1.90%	0.253%
18	12.111	1683	1688	1694	rBV3	9086	14540	1.57%	0.209%
19	12.337	1715	1725	1730	rBV2	19621	34881	3.77%	0.502%
20	12.483	1739	1749	1756	rBV3	483656	921096	99.66%	13.267%
21	12.556	1756	1761	1768	rVV3	13442	38726	4.19%	0.558%
22	12.630	1768	1773	1783	rVB	32447	76390	8.27%	1.100%
23	12.831	1796	1806	1812	rBV5	28697	77904	8.43%	1.122%
24	12.886	1812	1815	1823	rVB4	9625	20207	2.19%	0.291%
25	13.001	1823	1834	1837	rBV8	6863	20883	2.26%	0.301%
26	13.038	1837	1840	1841	rVV2	12669	15408	1.67%	0.222%
27	13.069	1841	1845	1851	rVB	58111	94663	10.24%	1.363%
28	13.178	1857	1863	1870	rVB2	27876	44908	4.86%	0.647%
29	13.282	1870	1880	1886	rBV	75675	135456	14.66%	1.951%
30	13.355	1888	1892	1896	rVV7	5623	13723	1.48%	0.198%
31	13.428	1896	1904	1909	rVV	534134	845958	91.53%	12.185%
32	13.483	1909	1913	1924	rVB2	65871	141779	15.34%	2.042%
33	13.648	1933	1940	1947	rVB3	20764	39948	4.32%	0.575%
34	13.782	1955	1962	1965	rBV7	5012	10080	1.09%	0.145%
35	13.965	1986	1992	1999	rBV4	11088	20811	2.25%	0.300%
36	15.318	2207	2214	2219	rBV2	17950	30762	3.33%	0.443%

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SB-4-(0-2)

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\82Y060923S.M
Title : SW846 8260

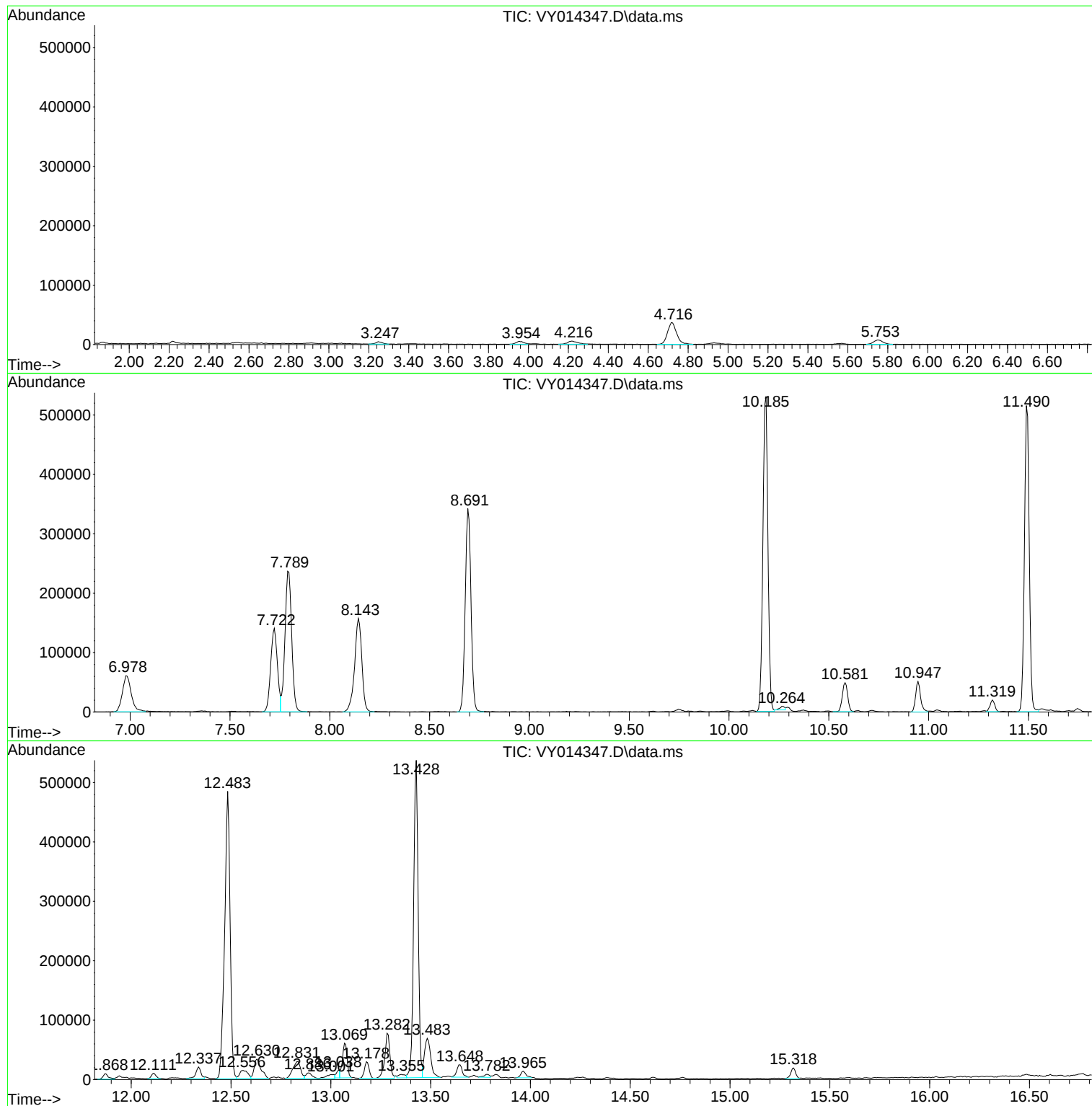
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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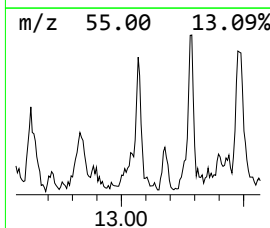
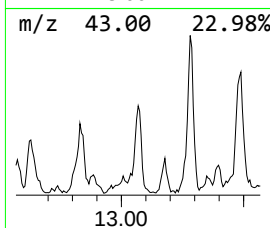
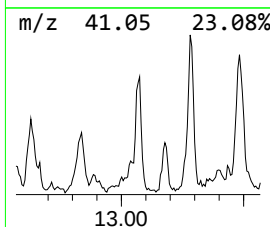
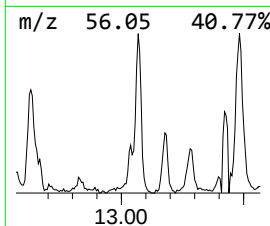
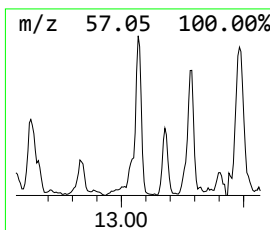
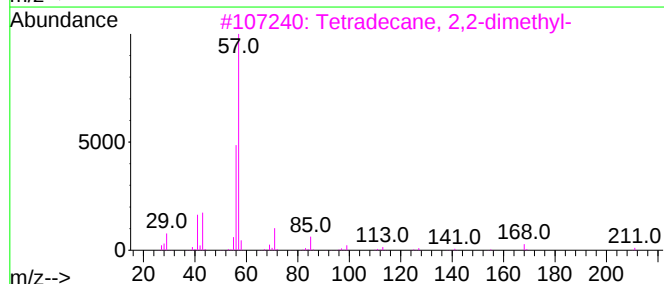
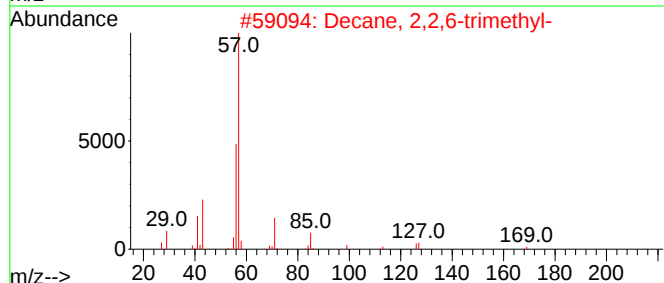
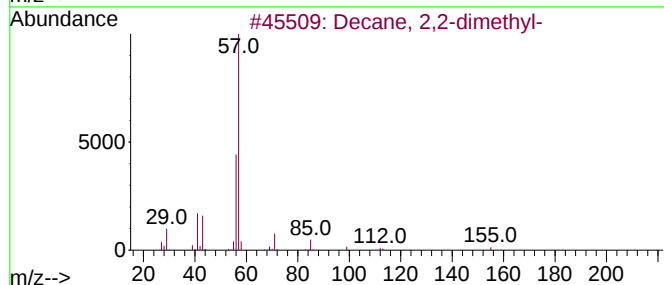
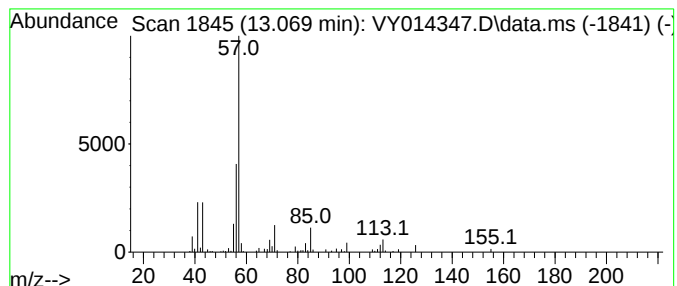
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	5.60 ug/l	94663	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
2			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	72
3			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	59



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Instrument :
MSVOA_Y
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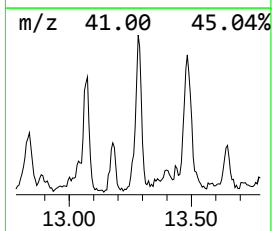
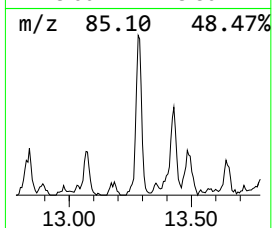
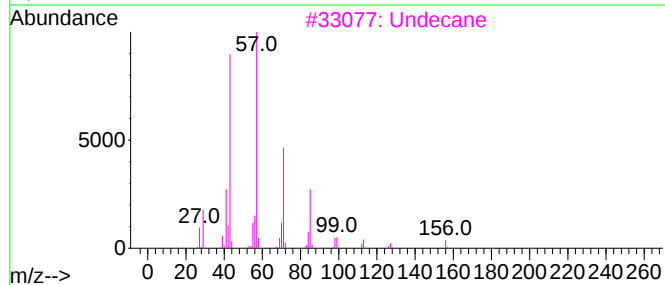
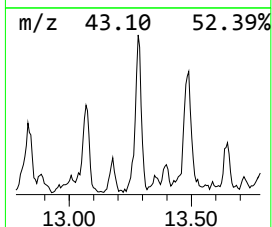
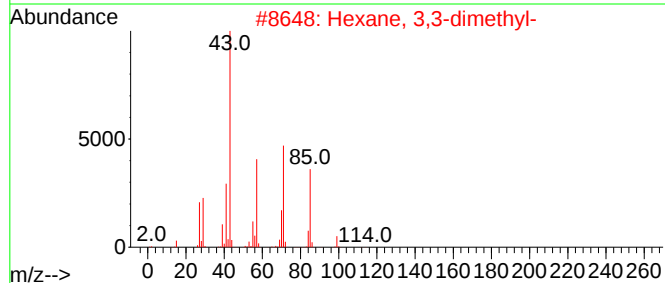
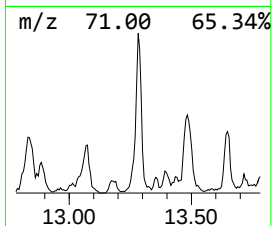
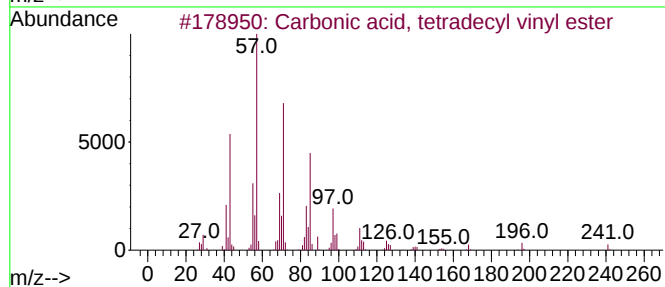
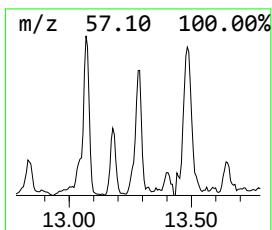
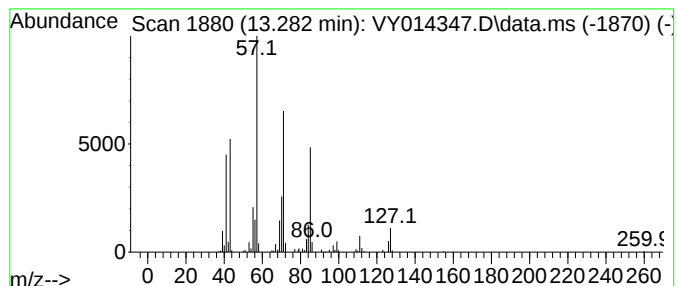
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Peak Number 5 Carbonic acid, tetradecyl v... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.282	8.01 ug/l	135456	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	64
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3			Undecane	156	C11H24	001120-21-4	59
4			Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	59
5			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	58



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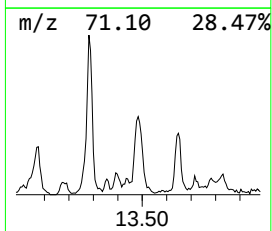
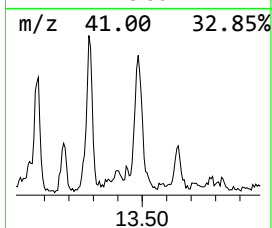
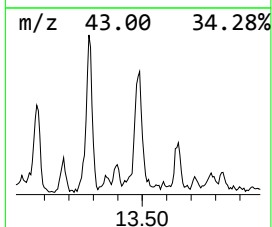
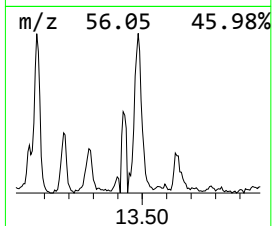
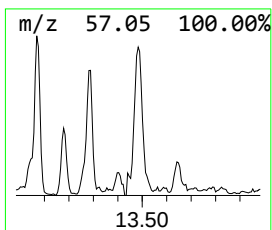
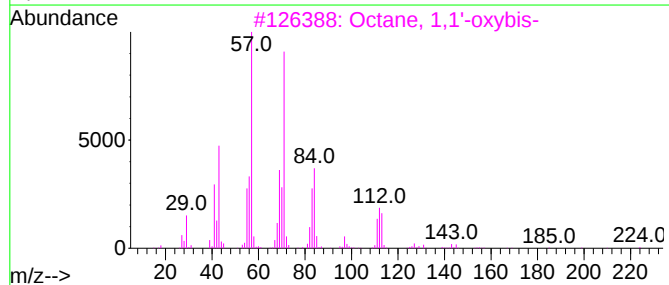
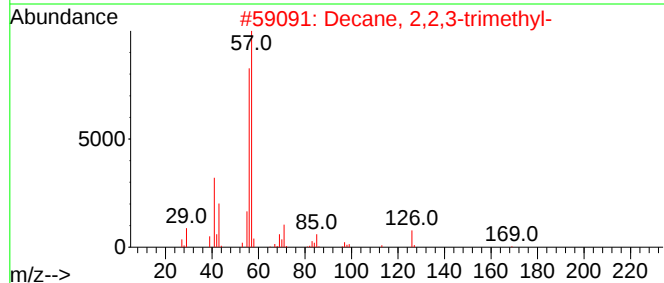
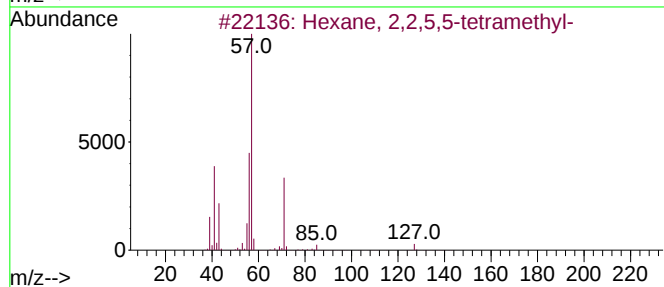
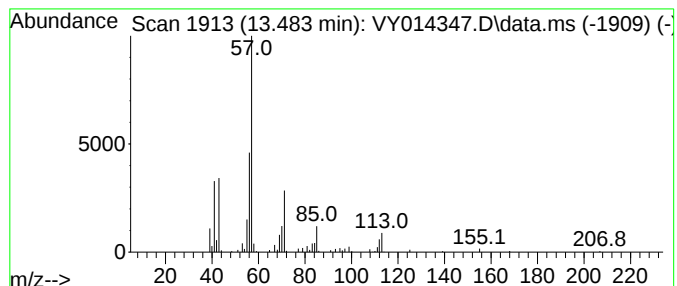
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TIC Library : C:\Database\NIST20.L
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Peak Number 6 Hexane, 2,2,5,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	8.38 ug/l	141779	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
2			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	50
3			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	47
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47



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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
Decane, 2,2-dim...	13.069	5.6	ug/l	94663	4	13.428	845958	50.0
Carbonic acid, ...	13.282	8.0	ug/l	135456	4	13.428	845958	50.0
Hexane, 2,2,5,5...	13.483	8.4	ug/l	141779	4	13.428	845958	50.0