

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012264.D
 Acq On : 19 Jan 2023 14:37
 Operator : KP/MD
 Sample : 01214-10
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011823-B3-20-30

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\82Y011623S.M
 Title : SW846 8260

Signal : TIC: VY012264.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	16	rVB	17327	24443	2.71%	0.351%
2	2.223	61	66	75	rBV2	8143	17501	1.94%	0.252%
3	2.558	112	121	131	rBV5	4175	13982	1.55%	0.201%
4	4.716	462	475	486	rBV2	17913	56180	6.23%	0.808%
5	5.179	540	551	564	rBV	4170	12947	1.44%	0.186%
6	6.978	836	846	857	rBV2	3822	11079	1.23%	0.159%
7	7.514	925	934	944	rVB3	4468	12282	1.36%	0.177%
8	7.716	956	967	973	rBV	127861	308314	34.21%	4.433%
9	7.789	973	979	992	rVB	228965	513660	56.99%	7.385%
10	8.142	1026	1037	1048	rBV	128243	282465	31.34%	4.061%
11	8.691	1118	1127	1138	rBV	330283	658034	73.01%	9.461%
12	8.886	1153	1159	1175	rVB	6333	15459	1.72%	0.222%
13	10.178	1363	1371	1379	rBV	529032	901337	100.00%	12.959%
14	10.934	1489	1495	1505	rBV6	5896	11738	1.30%	0.169%
15	11.489	1579	1586	1599	rBV	509863	824383	91.46%	11.852%
16	11.715	1613	1623	1630	rBV4	12806	33468	3.71%	0.481%
17	12.007	1663	1671	1682	rBV7	8324	28928	3.21%	0.416%
18	12.251	1705	1711	1720	rVB5	9491	23378	2.59%	0.336%
19	12.483	1743	1749	1760	rVB	429144	682639	75.74%	9.814%
20	12.648	1772	1776	1783	rVB6	8142	15794	1.75%	0.227%
21	12.727	1783	1789	1793	rBV6	5744	12824	1.42%	0.184%
22	12.806	1793	1802	1807	rVV2	44086	80618	8.94%	1.159%
23	12.861	1807	1811	1816	rVB2	8435	13188	1.46%	0.190%
24	13.038	1837	1840	1848	rVB3	11161	19767	2.19%	0.284%
25	13.312	1878	1885	1891	rBV6	8978	22583	2.51%	0.325%
26	13.428	1897	1904	1912	rVB	535716	826667	91.72%	11.885%
27	13.532	1918	1921	1930	rVB5	8665	19484	2.16%	0.280%
28	13.751	1951	1957	1961	rBV2	27946	43933	4.87%	0.632%
29	13.964	1988	1992	1998	rVB3	10698	18337	2.03%	0.264%
30	14.080	2005	2011	2016	rBV6	6005	10116	1.12%	0.145%
31	14.208	2026	2032	2035	rBV6	9853	17190	1.91%	0.247%
32	14.257	2036	2040	2046	rVB8	7423	16939	1.88%	0.244%
33	14.385	2056	2061	2063	rBV5	8293	12176	1.35%	0.175%
34	14.422	2063	2067	2071	rVB4	8960	13799	1.53%	0.198%
35	14.611	2087	2098	2103	rBV3	41848	69522	7.71%	1.000%
36	14.684	2103	2110	2114	rBV5	15274	33997	3.77%	0.489%

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37	14.733	2114	2118	2124	rVB3	15974	29345	3.26%	0.422%
38	14.836	2132	2135	2144	rVB9	6519	12187	1.35%	0.175%
39	14.946	2149	2153	2156	rVV4	8558	11822	1.31%	0.170%
40	15.050	2165	2170	2175	rBV7	13040	31072	3.45%	0.447%
41	15.135	2181	2184	2191	rVB4	17775	31250	3.47%	0.449%
42	15.214	2191	2197	2205	rBV4	28747	65430	7.26%	0.941%
43	15.293	2206	2210	2214	rVB4	12684	17688	1.96%	0.254%
44	15.348	2214	2219	2224	rBV6	13976	31523	3.50%	0.453%
45	15.434	2229	2233	2241	rVB	90117	139585	15.49%	2.007%
46	15.531	2241	2249	2255	rBV5	19603	56134	6.23%	0.807%
47	15.604	2257	2261	2266	rVB4	15441	27702	3.07%	0.398%
48	15.690	2266	2275	2277	rBV7	12951	32938	3.65%	0.474%
49	15.726	2277	2281	2287	rVB	34558	64819	7.19%	0.932%
50	15.885	2302	2307	2310	rBV4	21769	43315	4.81%	0.623%
51	16.031	2324	2331	2336	rBV5	33816	87002	9.65%	1.251%
52	16.092	2337	2341	2347	rVB5	20592	38172	4.24%	0.549%
53	16.159	2347	2352	2357	rBV2	27756	46123	5.12%	0.663%
54	16.232	2358	2364	2370	rBV3	48087	91472	10.15%	1.315%
55	16.293	2370	2374	2378	rBV2	17323	30173	3.35%	0.434%
56	16.360	2379	2385	2397	rVB	134540	249955	27.73%	3.594%
57	16.482	2399	2405	2410	rBV8	23675	67613	7.50%	0.972%
58	16.629	2425	2429	2437	rVB3	22982	54791	6.08%	0.788%
59	16.702	2437	2441	2445	rBV7	8954	16292	1.81%	0.234%

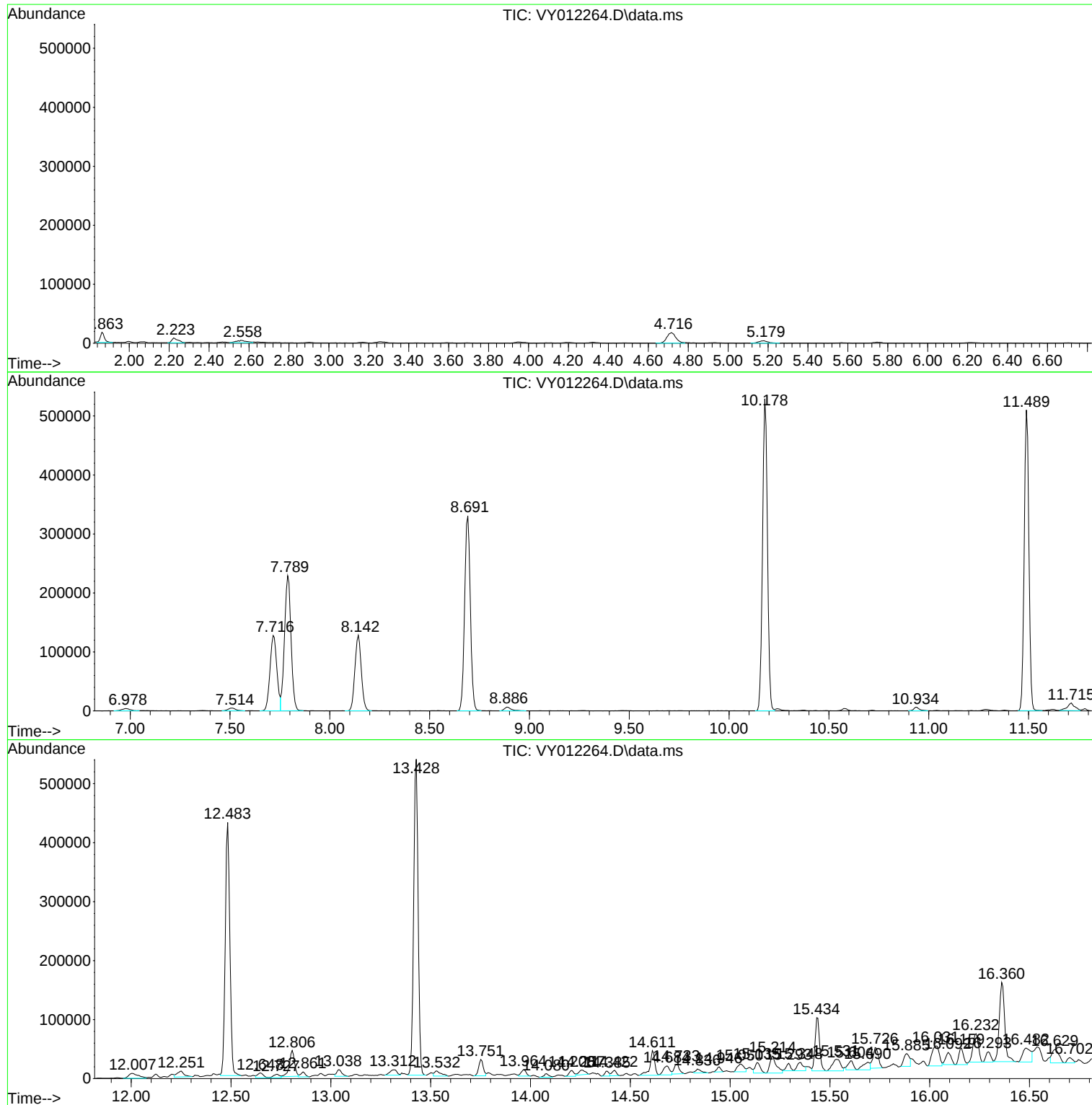
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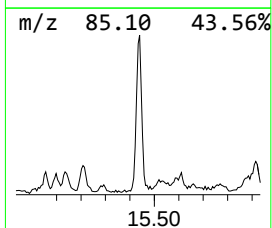
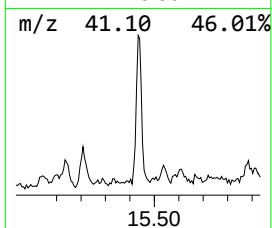
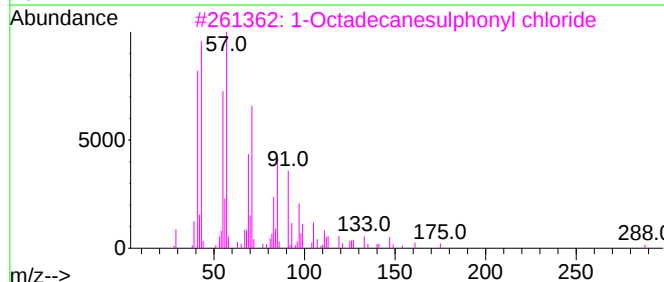
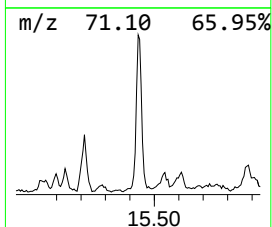
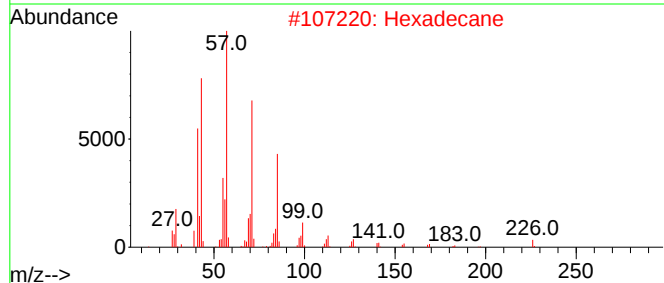
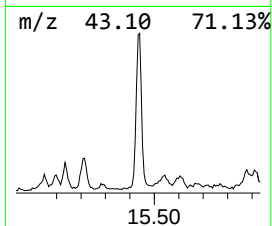
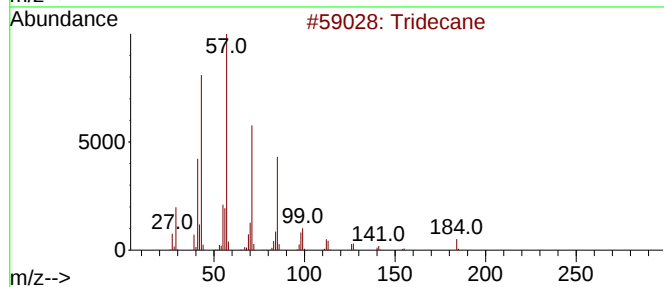
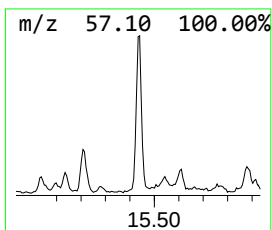
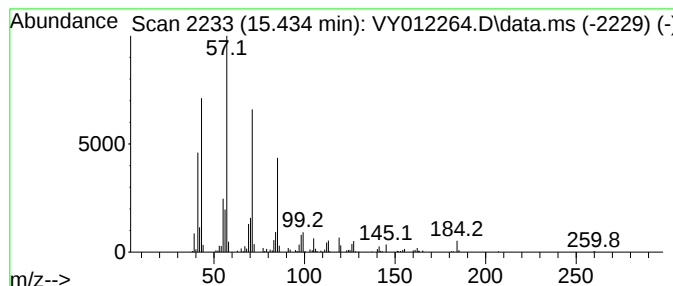
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

Peak Number 2 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	8.44 ug/l	139585	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	98
2			Hexadecane	226	C16H34	000544-76-3	90
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Dodecane	170	C12H26	000112-40-3	86



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Instrument :
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ClientSampleId :
TJRC-011823-B3-20-30

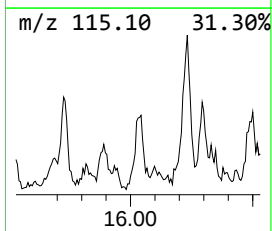
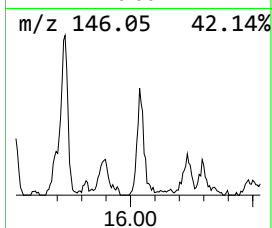
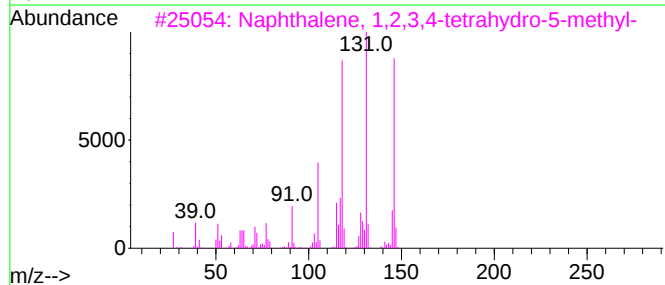
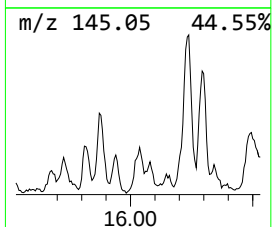
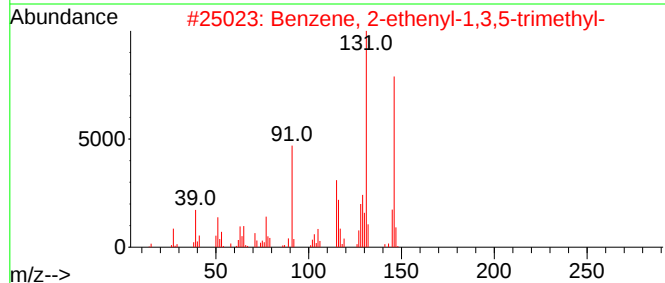
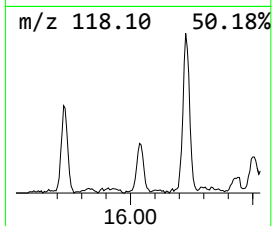
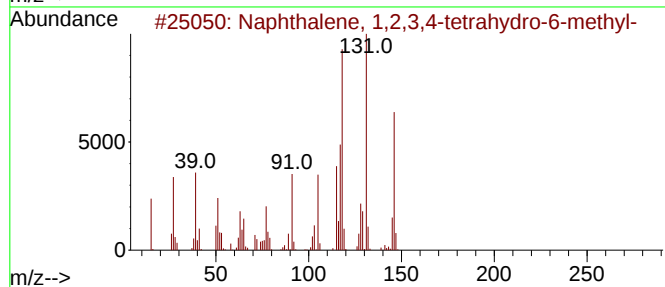
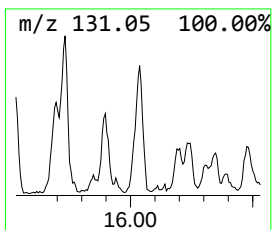
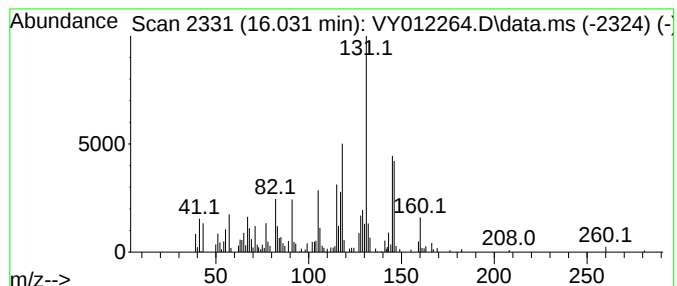
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	5.26 ug/l	87002	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
2			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49



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ALS Vial : 14 Sample Multiplier: 1

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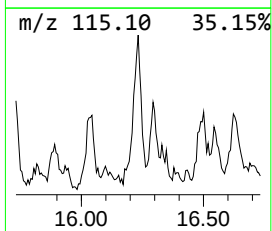
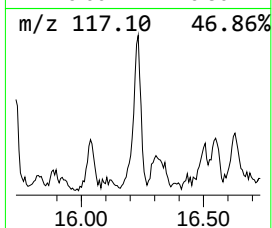
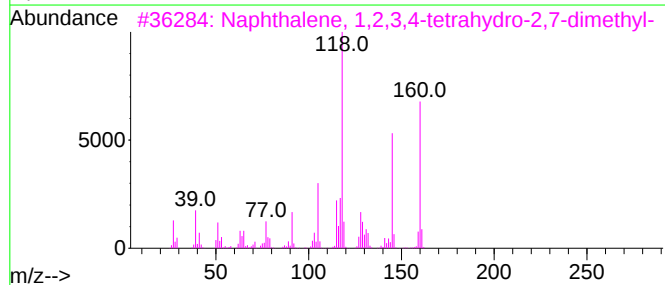
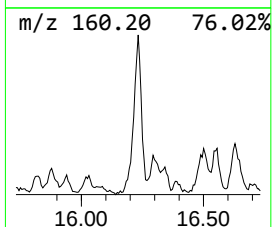
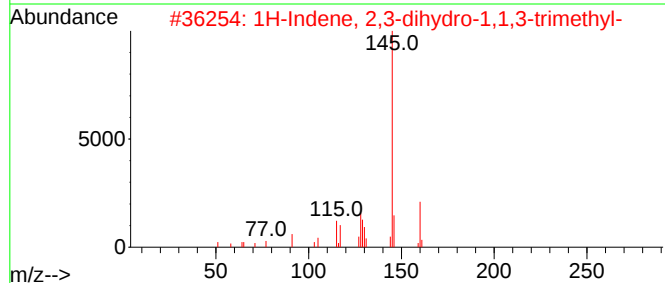
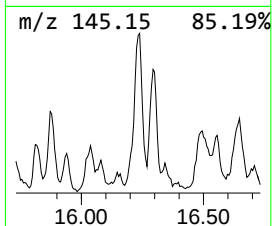
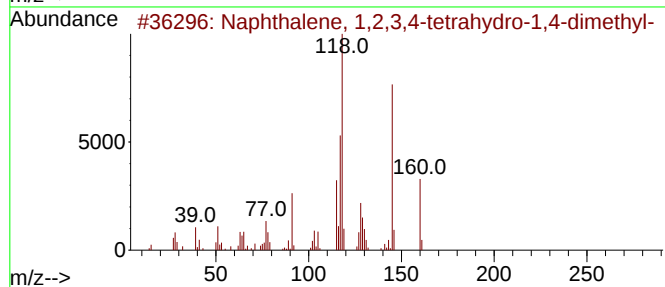
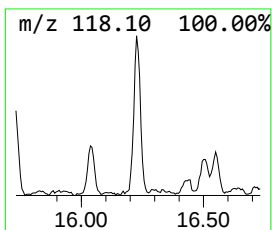
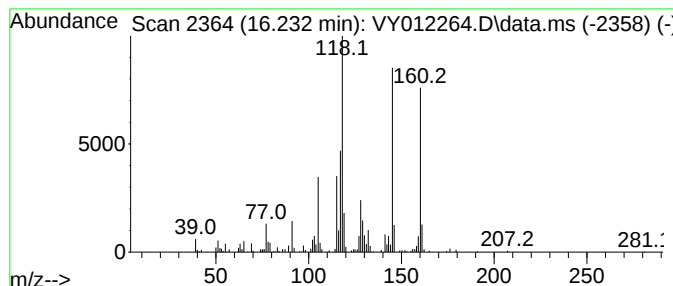
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.232	5.53 ug/l	91472	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
4			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	78
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76



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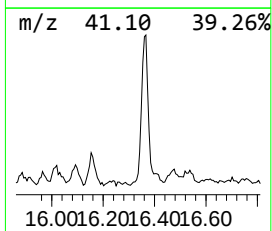
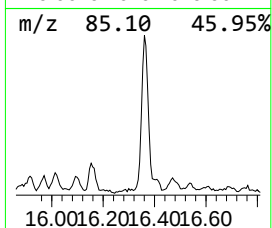
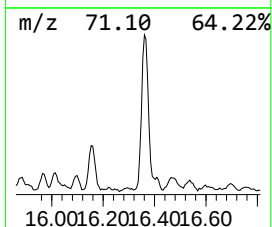
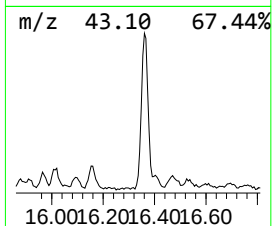
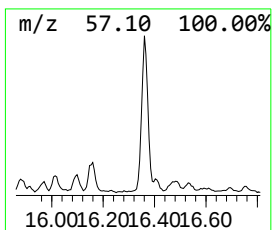
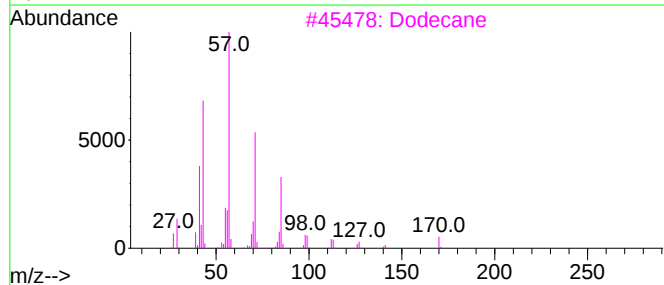
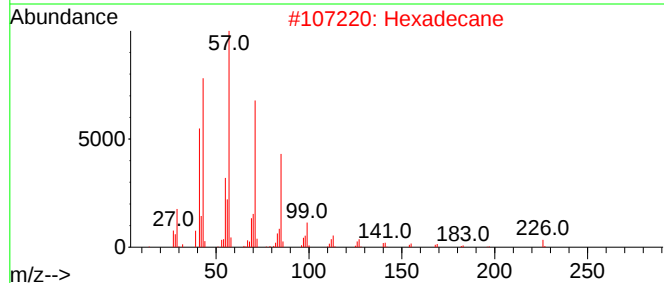
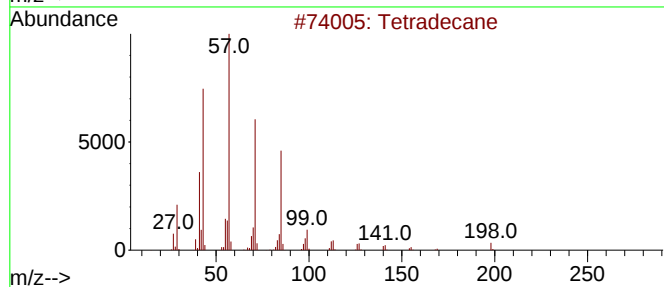
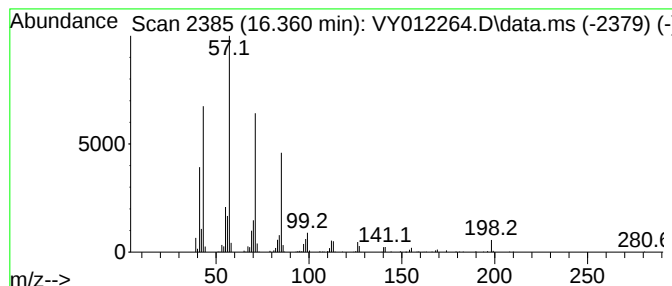
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 5 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	15.12 ug/l	249955	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Hexadecane	226	C16H34	000544-76-3	90
3			Dodecane	170	C12H26	000112-40-3	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



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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
Tridecane	15.434	8.4	ug/l	139585	4	13.428	826667	50.0
Naphthalene, 1,...	16.031	5.3	ug/l	87002	4	13.428	826667	50.0
Naphthalene, 1,...	16.232	5.5	ug/l	91472	4	13.428	826667	50.0
Tetradecane	16.360	15.1	ug/l	249955	4	13.428	826667	50.0