

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001835.D
 Acq On : 03 Mar 2020 15:20
 Operator : SY/MD
 Sample : L1762-01
 Misc : 11.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-030220

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 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

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.730	479	491	504	rBV4	4807	15436	1.76%	0.258%
2	7.730	974	983	989	rBV	108351	257861	29.43%	4.315%
3	7.803	989	995	1009	rVB2	196356	438934	50.10%	7.345%
4	8.156	1042	1053	1065	rVB	109784	243861	27.84%	4.080%
5	8.699	1132	1142	1153	rBV	324000	639307	72.98%	10.697%
6	10.180	1374	1385	1393	rBV	497807	876061	100.00%	14.659%
7	10.369	1409	1416	1422	rBV2	6247	10158	1.16%	0.170%
8	11.491	1593	1600	1612	rBV	445033	709169	80.95%	11.866%
9	12.485	1756	1763	1775	rVB	303419	473634	54.06%	7.925%
10	12.741	1798	1805	1808	rBV	8608	13962	1.59%	0.234%
11	12.808	1812	1816	1823	rVB2	18199	29561	3.37%	0.495%
12	12.973	1838	1843	1848	rBV2	8465	13588	1.55%	0.227%
13	13.040	1848	1854	1858	rBV3	5945	9848	1.12%	0.165%
14	13.088	1858	1862	1864	rBV2	10424	15277	1.74%	0.256%
15	13.125	1864	1868	1873	rVB	29786	45211	5.16%	0.757%
16	13.430	1911	1918	1928	rVB	370182	582969	66.54%	9.755%
17	13.625	1947	1950	1953	rVV2	13023	15559	1.78%	0.260%
18	13.668	1953	1957	1966	rVB3	15406	30096	3.44%	0.504%
19	13.759	1966	1972	1977	rBV	59221	86272	9.85%	1.444%
20	13.826	1979	1983	1988	rVB	12652	17046	1.95%	0.285%
21	13.893	1988	1994	1996	rBV2	15938	27974	3.19%	0.468%
22	13.918	1996	1998	2003	rVB	21486	28552	3.26%	0.478%
23	13.979	2003	2008	2012	rVB2	23941	38938	4.44%	0.652%
24	14.082	2020	2025	2030	rBV2	19989	34191	3.90%	0.572%
25	14.198	2039	2044	2046	rBV	16940	27903	3.19%	0.467%
26	14.289	2055	2059	2061	rBV5	4924	10820	1.24%	0.181%
27	14.338	2062	2067	2071	rVB2	24591	50949	5.82%	0.853%
28	14.387	2071	2075	2079	rBV2	19919	25113	2.87%	0.420%
29	14.424	2079	2081	2085	rVB4	9721	10669	1.22%	0.179%
30	14.521	2092	2097	2101	rBV5	6658	10784	1.23%	0.180%
31	14.570	2101	2105	2108	rVV5	10498	16280	1.86%	0.272%
32	14.619	2108	2113	2117	rVV	122207	156974	17.92%	2.627%
33	14.680	2117	2123	2129	rVV3	54572	115717	13.21%	1.936%
34	14.734	2129	2132	2140	rVV3	29238	53715	6.13%	0.899%

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35	14.838	2140	2149	2158	rVB	30222	60354	6.89%	1.010%
36	14.954	2164	2168	2177	rBV6	16717	36096	4.12%	0.604%
37	15.058	2179	2185	2190	rBV5	21038	43118	4.92%	0.721%
38	15.143	2195	2199	2204	rVB4	19394	33710	3.85%	0.564%
39	15.216	2206	2211	2220	rVB4	29646	64482	7.36%	1.079%
40	15.301	2220	2225	2229	rBV2	17815	29098	3.32%	0.487%
41	15.350	2230	2233	2236	rBV5	7726	12619	1.44%	0.211%
42	15.442	2244	2248	2256	rVB	89955	138174	15.77%	2.312%
43	15.545	2256	2265	2271	rBV9	13072	40190	4.59%	0.672%
44	15.618	2271	2277	2282	rVV4	10578	20386	2.33%	0.341%
45	15.698	2282	2290	2292	rVV8	8832	20692	2.36%	0.346%
46	15.734	2292	2296	2304	rVB2	26910	50586	5.77%	0.846%
47	15.905	2316	2324	2331	rBV	40687	81840	9.34%	1.369%
48	16.045	2340	2347	2353	rBV4	22804	52609	6.01%	0.880%
49	16.100	2353	2356	2363	rVB7	7287	14357	1.64%	0.240%
50	16.167	2363	2367	2372	rBV4	9169	14472	1.65%	0.242%
51	16.240	2374	2379	2385	rVV3	14675	27338	3.12%	0.457%
52	16.307	2385	2390	2394	rVV6	10328	20768	2.37%	0.348%
53	16.374	2395	2401	2410	rVB	31274	57053	6.51%	0.955%
54	16.496	2415	2421	2428	rBV9	8448	25967	2.96%	0.434%

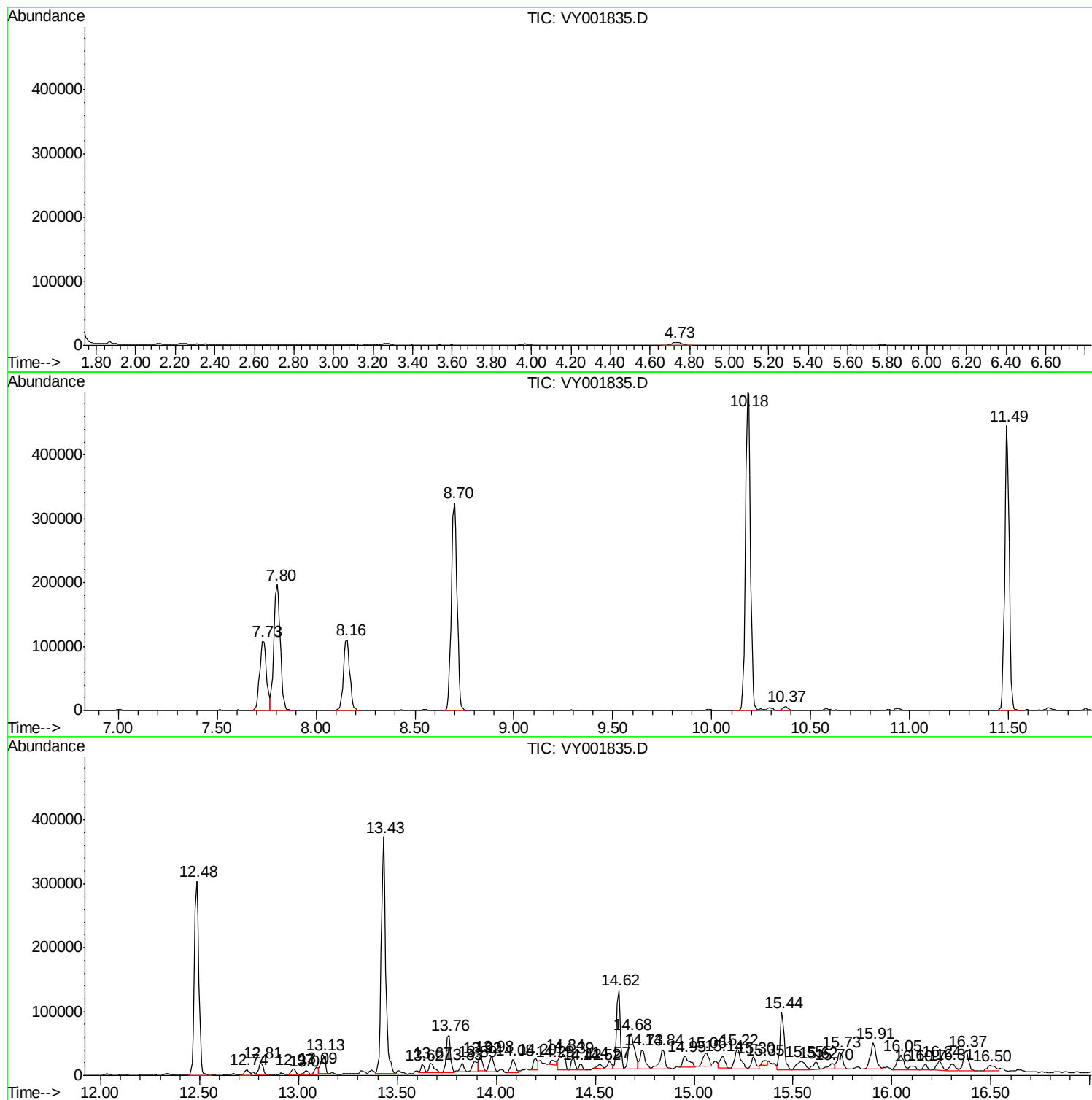
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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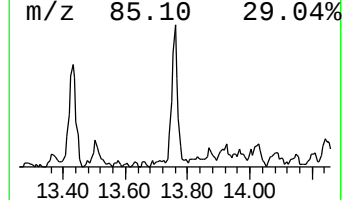
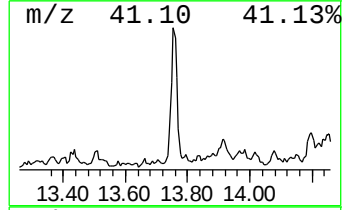
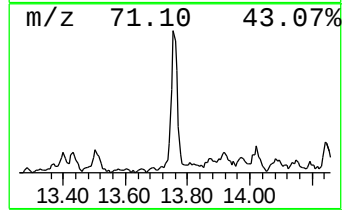
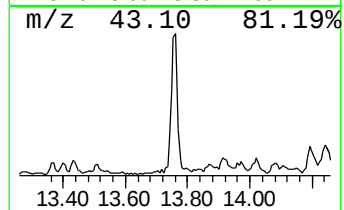
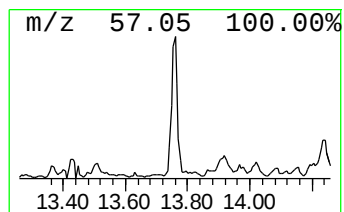
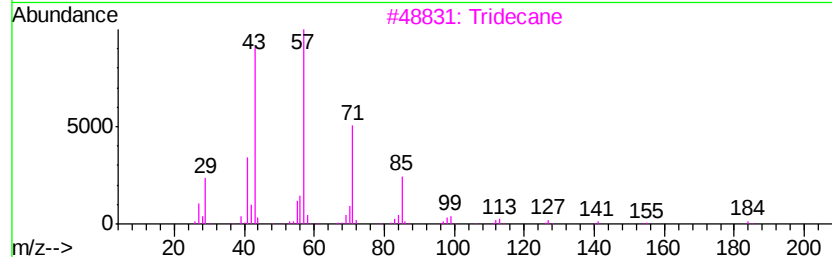
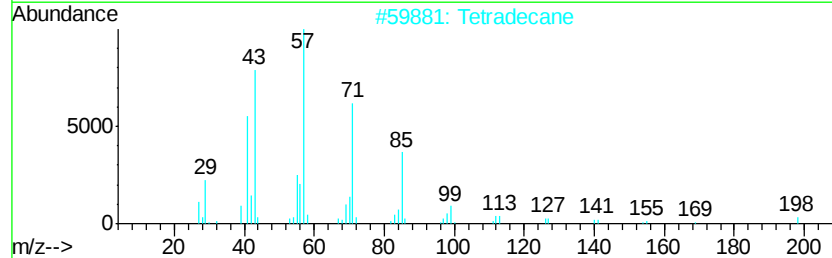
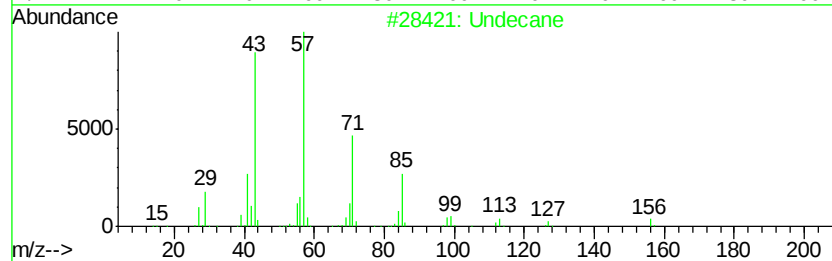
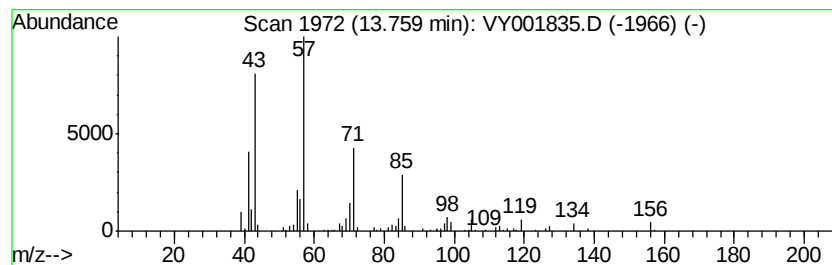
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.40 ug/l	86272	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	93
2		Tetradecane	198	C14H30	000629-59-4	72
3		Tridecane	184	C13H28	000629-50-5	64
4		Decane	142	C10H22	000124-18-5	64
5		Hexadecane	226	C16H34	000544-76-3	64



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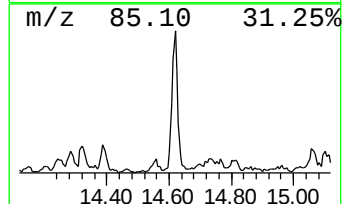
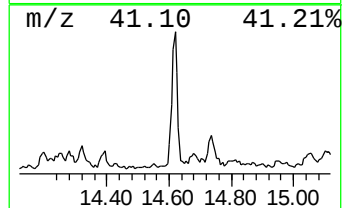
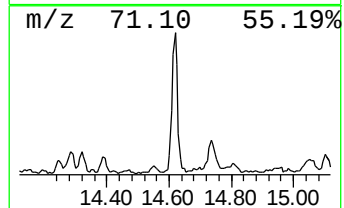
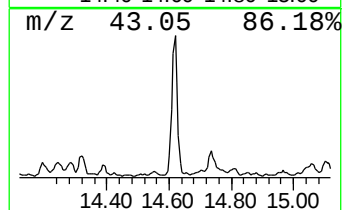
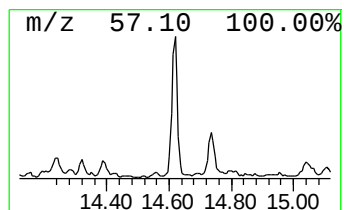
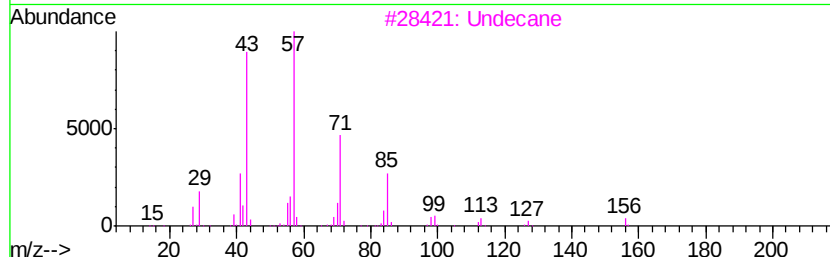
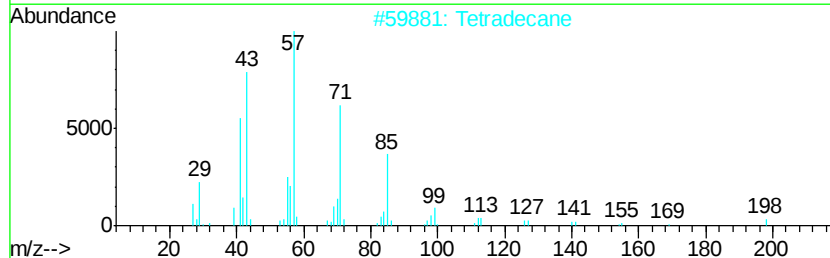
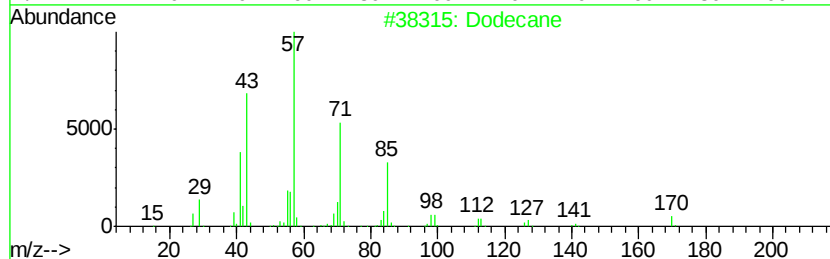
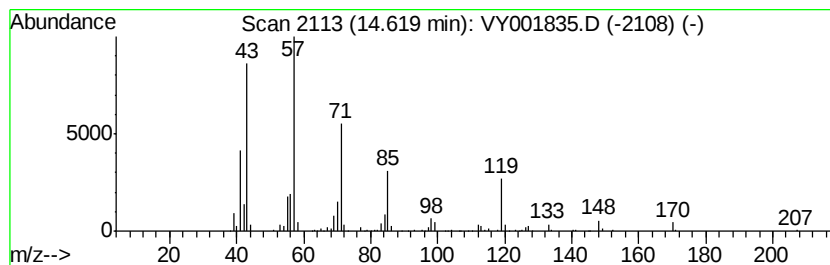
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	13.46 ug/l	156974	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	93
2		Tetradecane	198	C14H30	000629-59-4	64
3		Undecane	156	C11H24	001120-21-4	64
4		Tridecane	184	C13H28	000629-50-5	64
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53



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Misc : 11.56G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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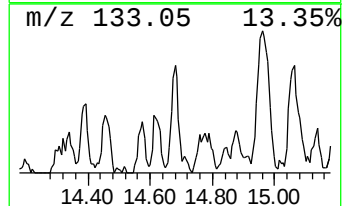
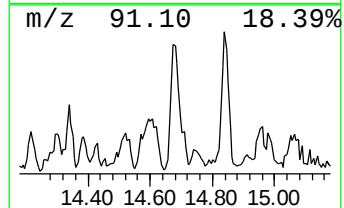
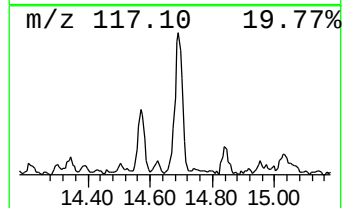
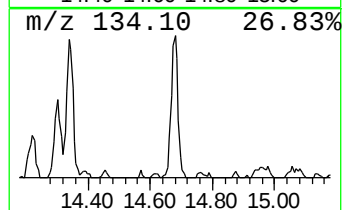
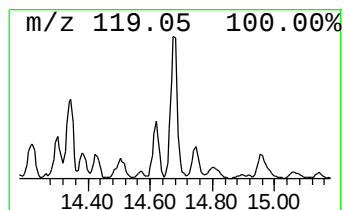
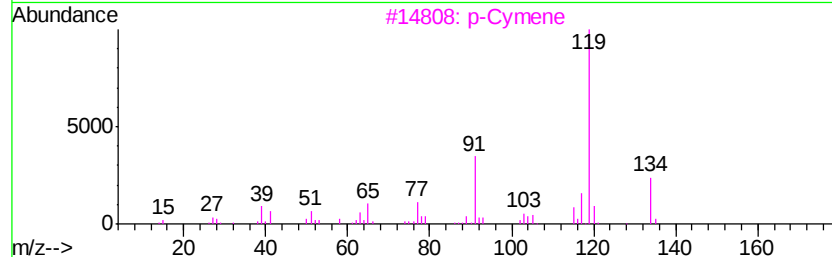
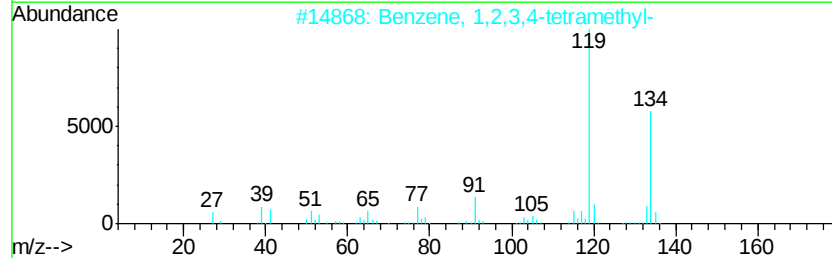
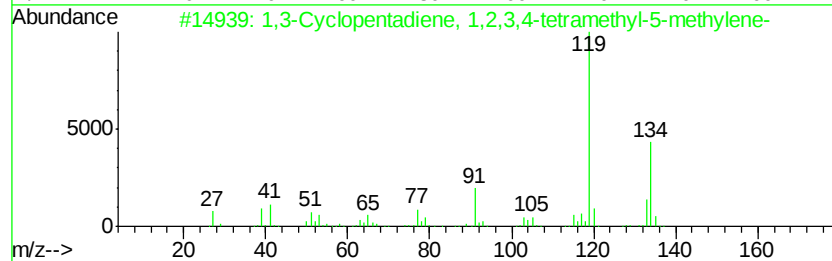
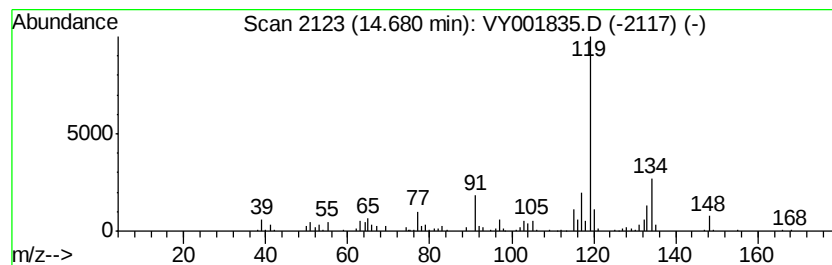
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	9.92 ug/l	115717	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3		p-Cymene	134	C10H14	000099-87-6	81
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76



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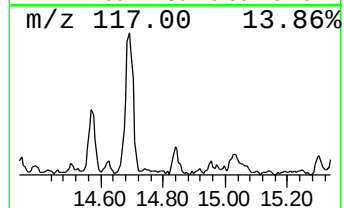
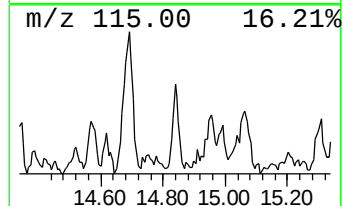
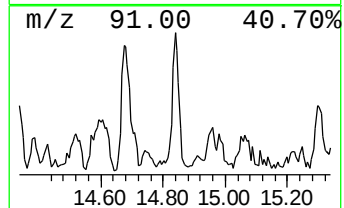
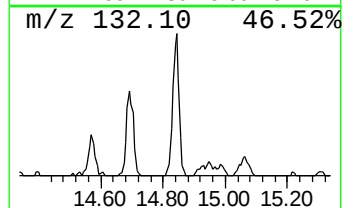
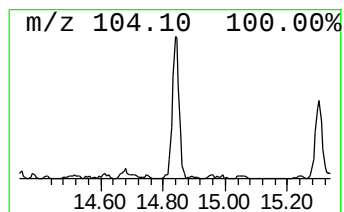
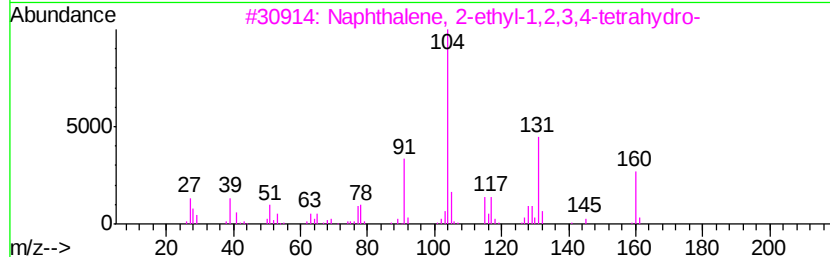
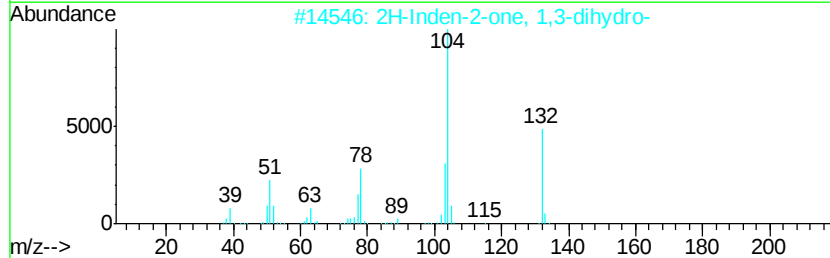
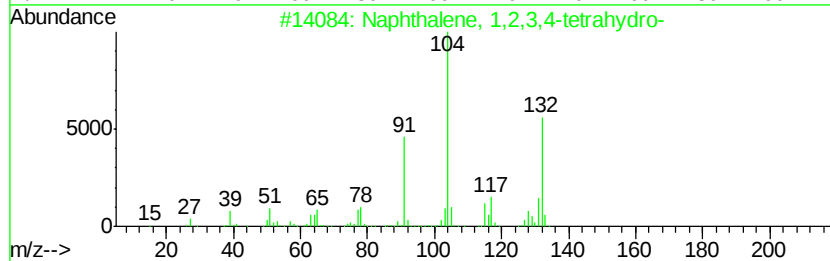
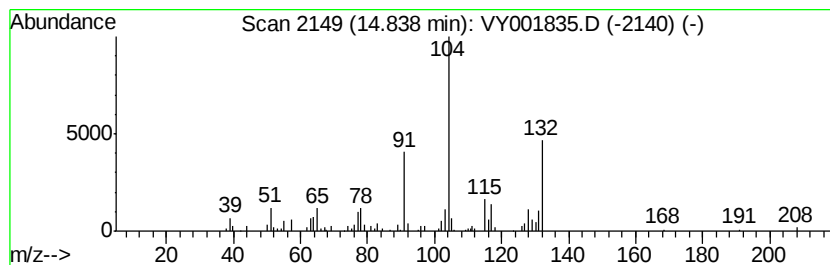
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	5.18 ug/l	60354	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	92
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3		Naphthalene, 2-ethyl-1,2,3,4-tetrahydro-	160	C12H16	032367-54-7	50
4		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
5		.delta.-6,7-Octalin, 1.beta.,4.b...	168	C10H16O2	051921-13-2	43



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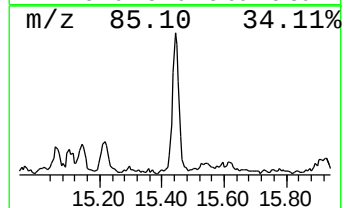
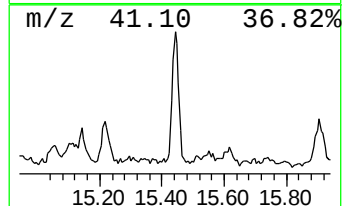
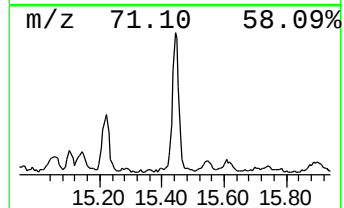
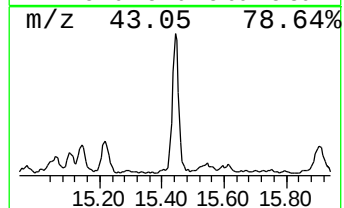
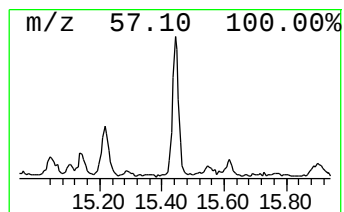
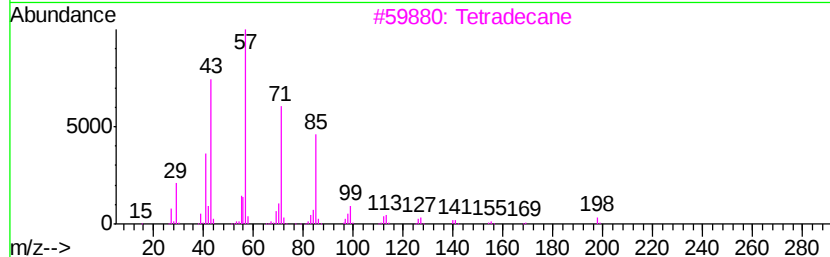
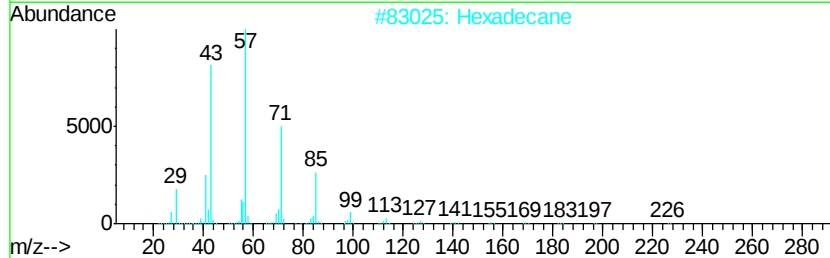
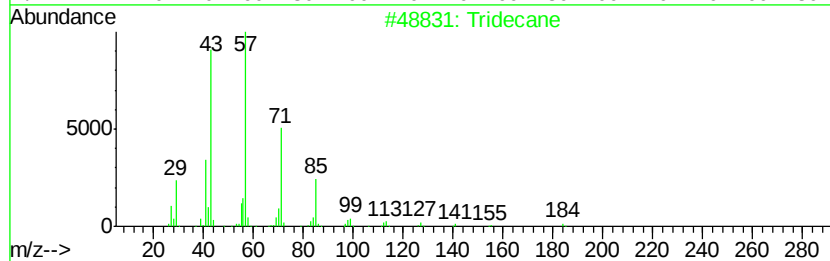
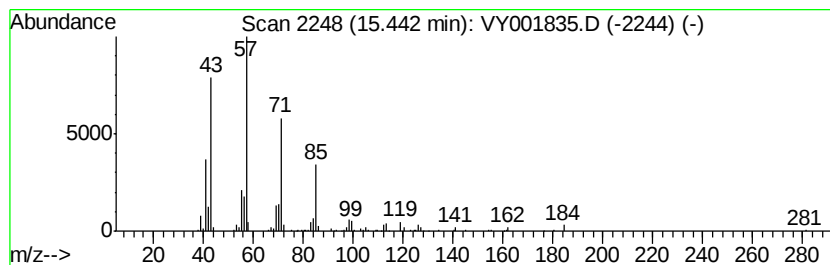
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	11.85 ug/l	138174	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	86
4	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	80
5	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
Data File : VY001835.D
Acq On : 03 Mar 2020 15:20
Operator : SY/MD
Sample : L1762-01
Misc : 11.56G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030220

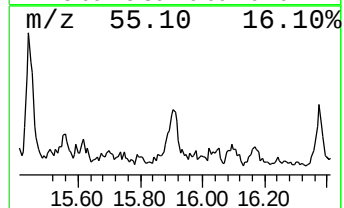
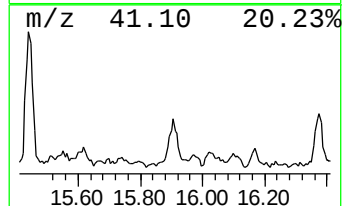
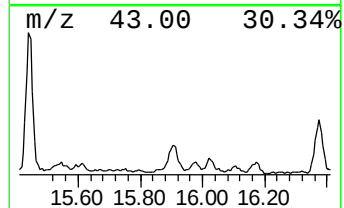
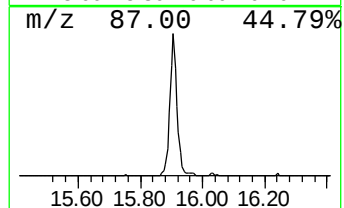
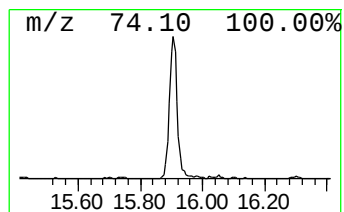
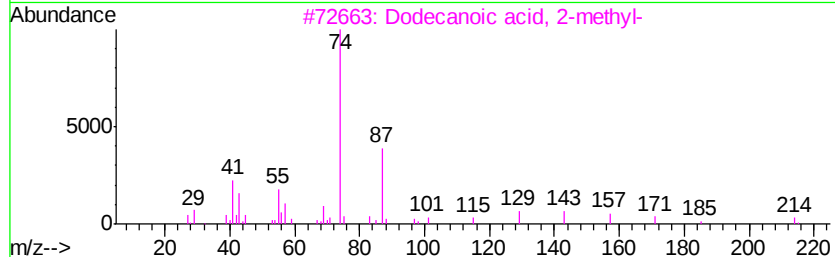
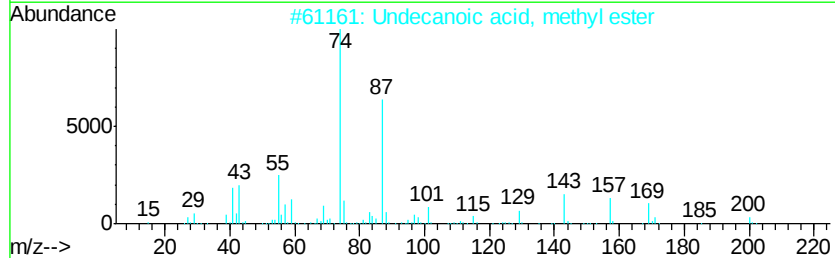
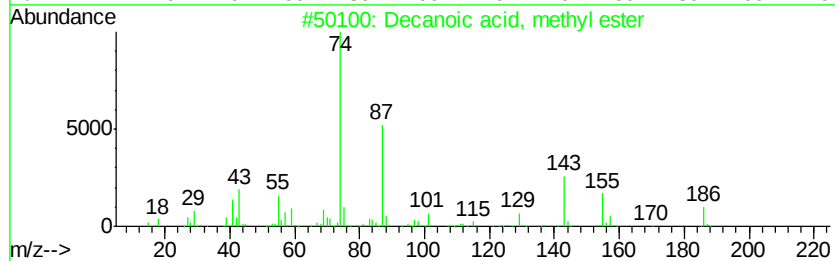
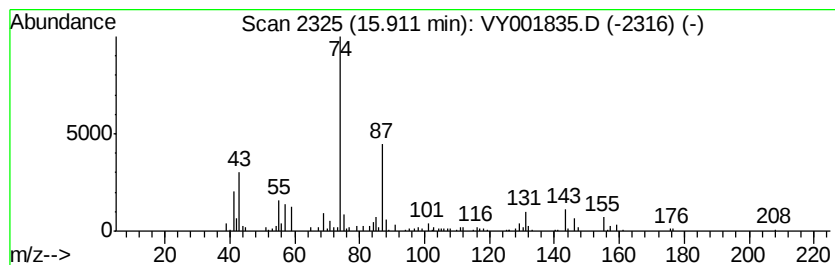
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Decanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	7.02 ug/l	81840	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	78
2		Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	72
3		Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	64
4		Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	64
5		Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030320\
Data File : VY001835.D
Acq On : 03 Mar 2020 15:20
Operator : SY/MD
Sample : L1762-01
Misc : 11.56G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	13.76	7.4	ug/l	86272	4	13.43	582969	50.0
Dodecane	14.62	13.5	ug/l	156974	4	13.43	582969	50.0
1,3-Cyclopentadie...	14.68	9.9	ug/l	115717	4	13.43	582969	50.0
Naphthalene, 1,2,...	14.84	5.2	ug/l	60354	4	13.43	582969	50.0
Tridecane	15.44	11.9	ug/l	138174	4	13.43	582969	50.0
Decanoic acid, me...	15.91	7.0	ug/l	81840	4	13.43	582969	50.0