

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015989.D
 Acq On : 16 Oct 2023 17:03
 Operator : SY/MD
 Sample : 04892-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-10132023-A

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\82Y101223S.M
 Title : SW846 8260

Signal : TIC: VY015989.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.729	464	477	493	rBV2	13702	44941	6.58%	0.908%
2	5.759	634	646	658	rBV4	5147	16170	2.37%	0.327%
3	7.728	956	969	975	rBV	97508	238561	34.94%	4.822%
4	7.801	975	981	993	rVB	165129	375224	54.96%	7.584%
5	8.149	1029	1038	1056	rBV	99514	231260	33.87%	4.675%
6	8.697	1120	1128	1139	rBV	256477	500596	73.32%	10.119%
7	10.185	1365	1372	1384	rBV	393611	682742	100.00%	13.800%
8	10.587	1432	1438	1447	rVB2	9394	16379	2.40%	0.331%
9	11.496	1580	1587	1600	rBV	366022	607950	89.05%	12.289%
10	12.008	1664	1671	1676	rBV6	3714	8910	1.31%	0.180%
11	12.239	1696	1709	1715	rBV5	6508	18602	2.72%	0.376%
12	12.489	1744	1750	1762	rBV	310905	500114	73.25%	10.109%
13	12.654	1773	1777	1784	rVB7	5169	10154	1.49%	0.205%
14	12.727	1784	1789	1793	rBV7	3403	7388	1.08%	0.149%
15	12.812	1795	1803	1809	rVV5	19480	41771	6.12%	0.844%
16	12.959	1822	1827	1830	rVV6	5216	8604	1.26%	0.174%
17	13.014	1830	1836	1838	rVV6	4353	8554	1.25%	0.173%
18	13.044	1838	1841	1848	rVB4	10394	17358	2.54%	0.351%
19	13.325	1879	1887	1891	rBV6	10521	25373	3.72%	0.513%
20	13.367	1891	1894	1897	rVV5	7042	10591	1.55%	0.214%
21	13.428	1897	1904	1914	rVV	396641	641287	93.93%	12.962%
22	13.507	1914	1917	1921	rVB3	7259	8632	1.26%	0.174%
23	13.757	1952	1958	1962	rBV	50725	77179	11.30%	1.560%
24	13.806	1962	1966	1972	rVV5	6808	14207	2.08%	0.287%
25	13.916	1980	1984	1987	rBV5	9410	16495	2.42%	0.333%
26	13.971	1989	1993	1997	rVV2	23260	38929	5.70%	0.787%
27	14.020	1998	2001	2006	rVB6	8432	12725	1.86%	0.257%
28	14.081	2007	2011	2015	rBV4	9063	13124	1.92%	0.265%
29	14.154	2017	2023	2028	rBV6	11134	22017	3.22%	0.445%
30	14.202	2028	2031	2034	rBV4	7015	10805	1.58%	0.218%
31	14.263	2034	2041	2047	rBV8	24522	62477	9.15%	1.263%
32	14.318	2047	2050	2056	rVB6	13297	19043	2.79%	0.385%
33	14.385	2057	2061	2064	rBV4	16585	21877	3.20%	0.442%
34	14.428	2064	2068	2072	rVV5	12009	16596	2.43%	0.335%
35	14.550	2085	2088	2092	rBV3	8729	10707	1.57%	0.216%
36	14.617	2094	2099	2105	rVV	63157	88183	12.92%	1.782%

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37	14.684	2105	2110	2115	rVV5	19060	40846	5.98%	0.826%
38	14.733	2115	2118	2125	rVB4	26847	50266	7.36%	1.016%
39	14.946	2150	2153	2157	rVB4	14570	18100	2.65%	0.366%
40	15.056	2166	2171	2174	rVV6	10160	19258	2.82%	0.389%
41	15.214	2192	2197	2205	rBV3	33738	67188	9.84%	1.358%
42	15.397	2223	2227	2230	rVV	15846	24531	3.59%	0.496%
43	15.440	2230	2234	2242	rVB	71688	118363	17.34%	2.392%
44	16.031	2325	2331	2336	rBV8	19741	45396	6.65%	0.918%
45	16.166	2349	2353	2358	rVB5	19984	33420	4.89%	0.676%
46	16.226	2360	2363	2364	rBV3	7624	7658	1.12%	0.155%
47	16.367	2381	2386	2393	rVB2	42159	76701	11.23%	1.550%

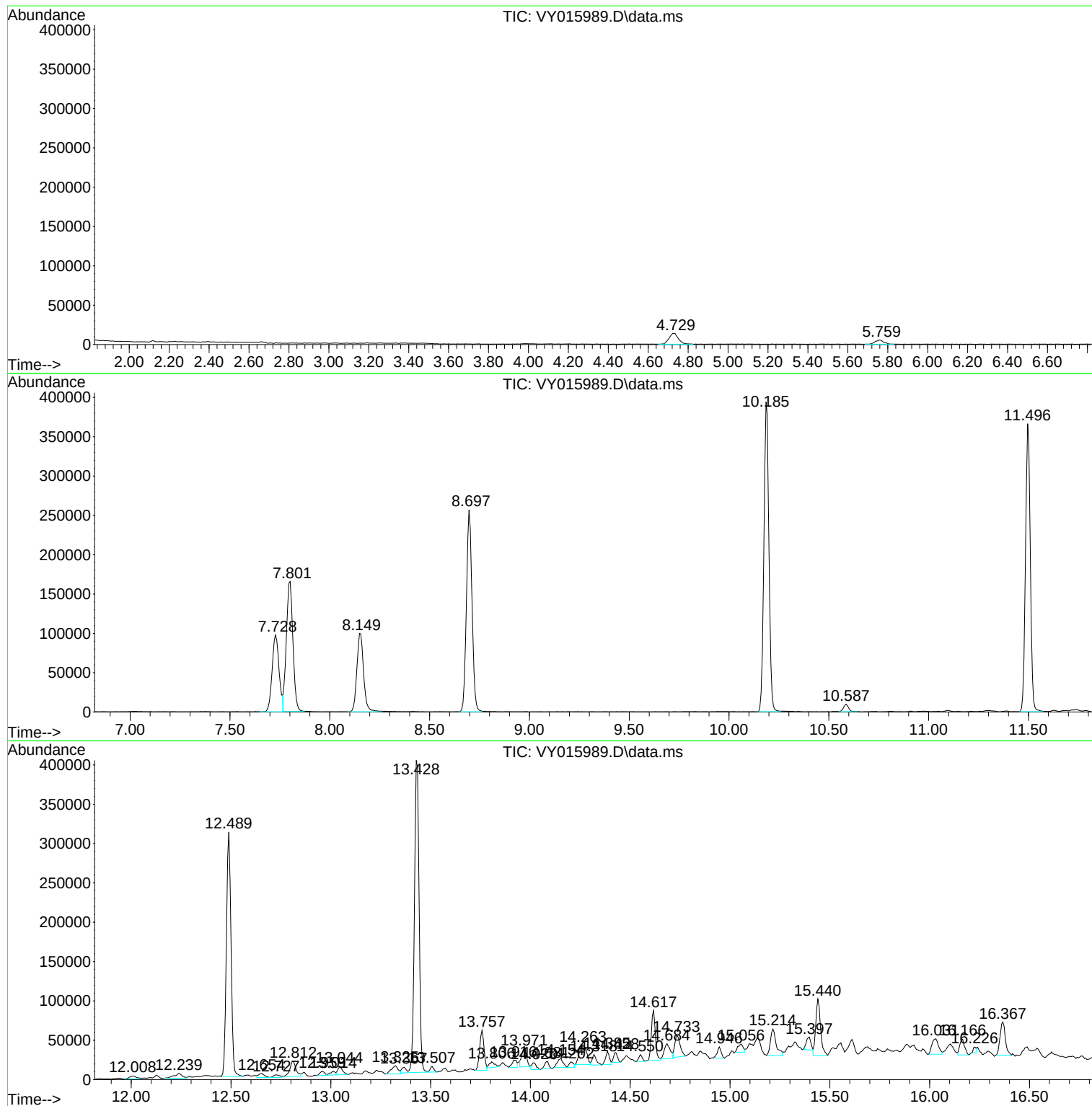
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260

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



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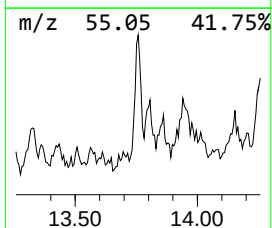
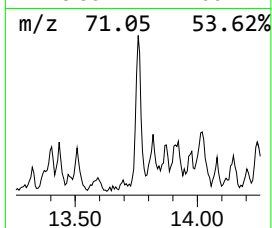
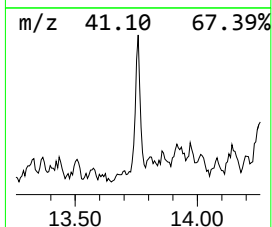
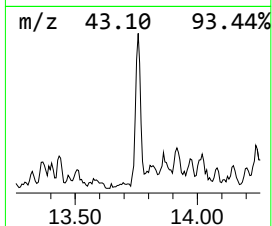
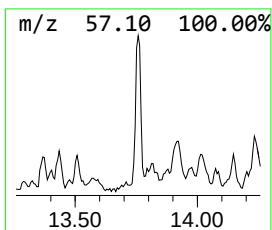
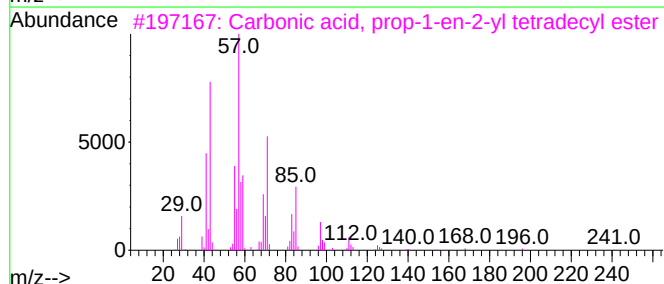
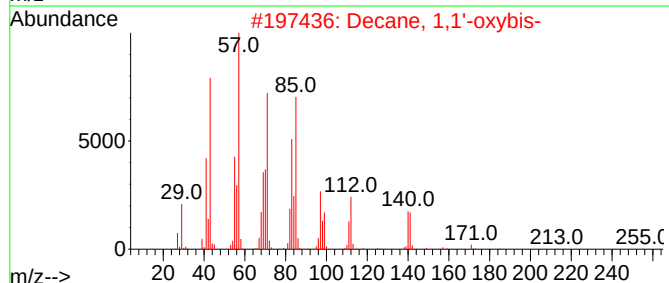
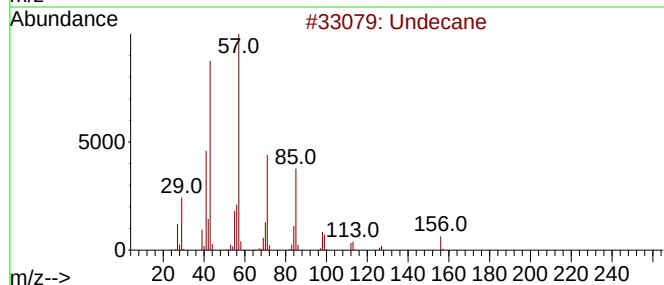
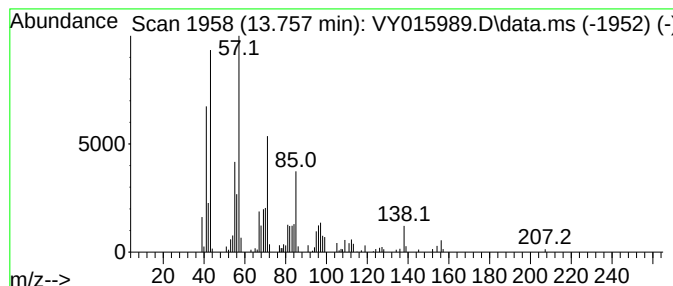
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	6.02 ug/l	77179	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Decane, 1,1'-oxybis-			298	C20H42O	002456-28-2	72
3	Carbonic acid, prop-1-en-2-yl te...			298	C18H34O3	1000382-90-9	72
4	Carbonic acid, nonyl prop-1-en-2...			228	C13H24O3	1000382-53-9	64
5	Decane			142	C10H22	000124-18-5	58



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Instrument :
MSVOA_Y
ClientSampleId :
EO-03-10132023-A

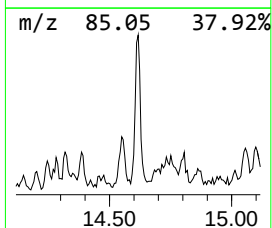
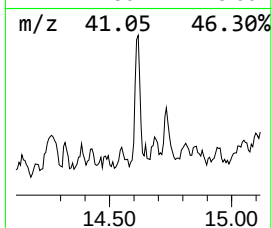
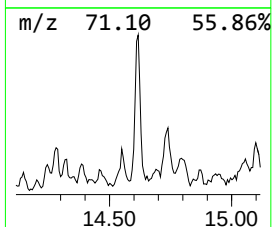
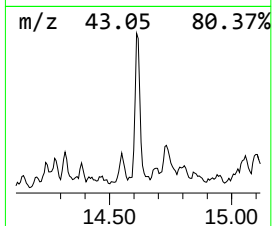
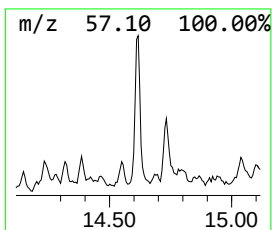
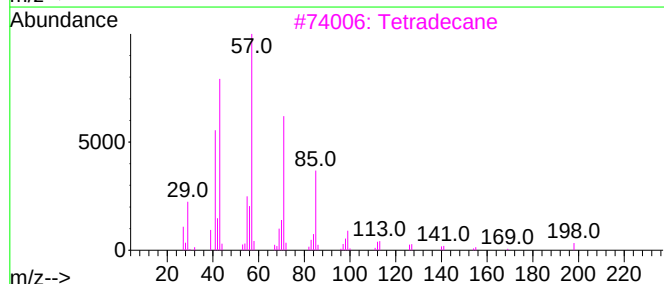
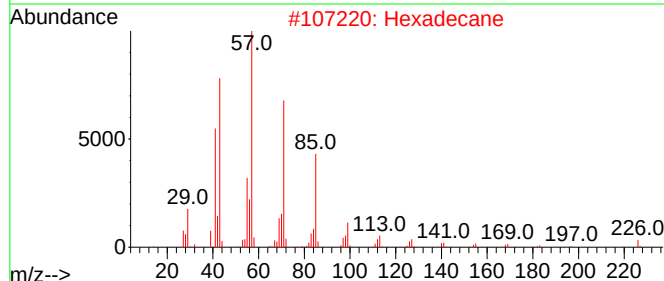
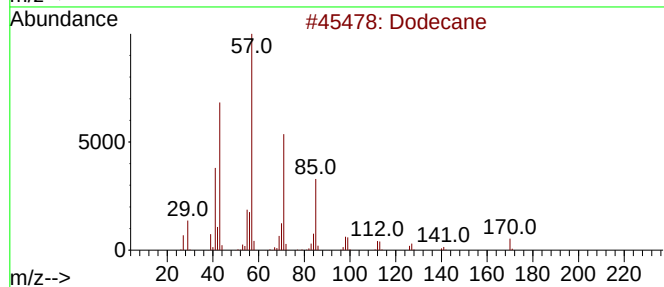
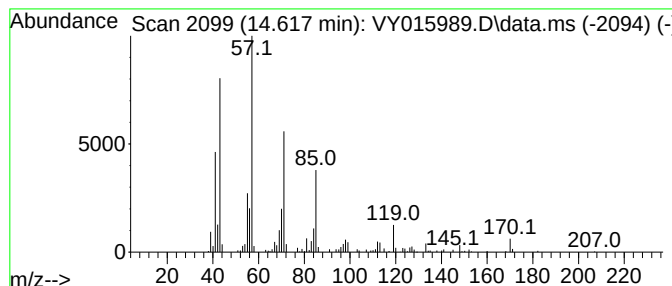
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260

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

Peak Number 3 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.617	6.88 ug/l	88183	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Hexadecane	226	C16H34	000544-76-3	74
3			Tetradecane	198	C14H30	000629-59-4	72
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64



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Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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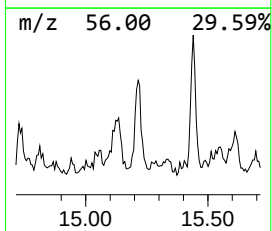
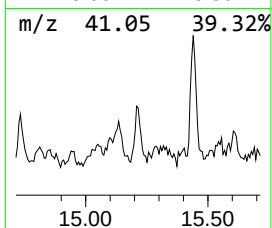
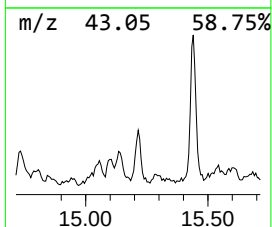
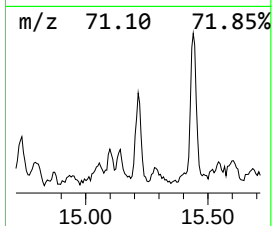
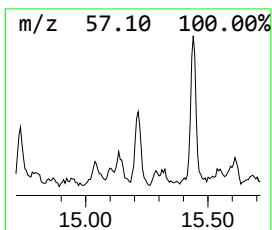
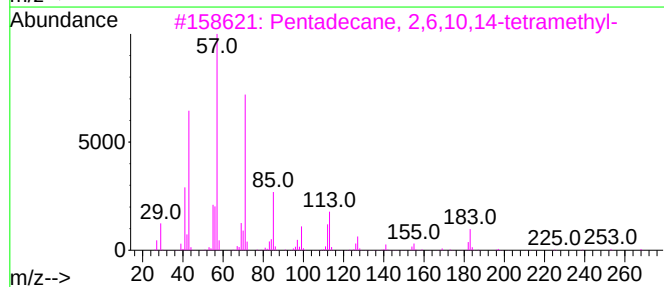
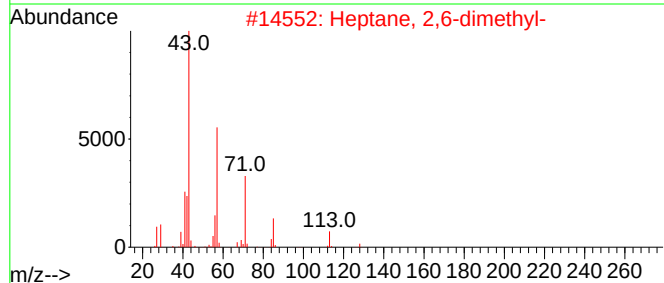
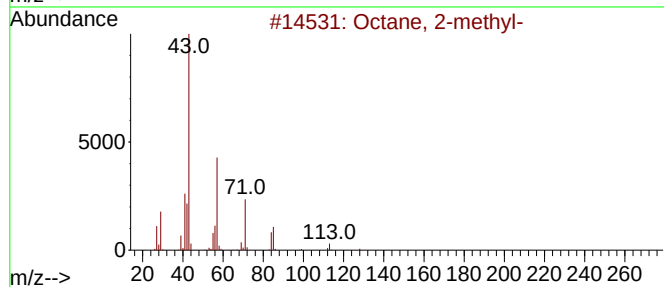
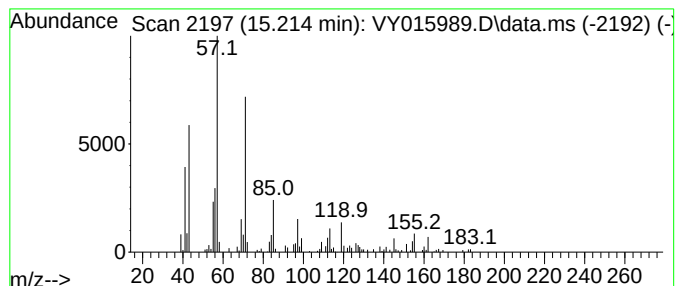
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260

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

Peak Number 4 Octane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	5.24 ug/l	67188	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	64
2			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	52
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52



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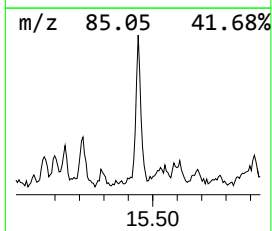
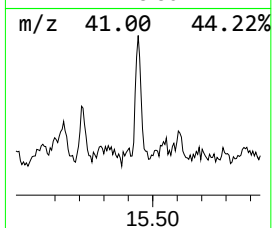
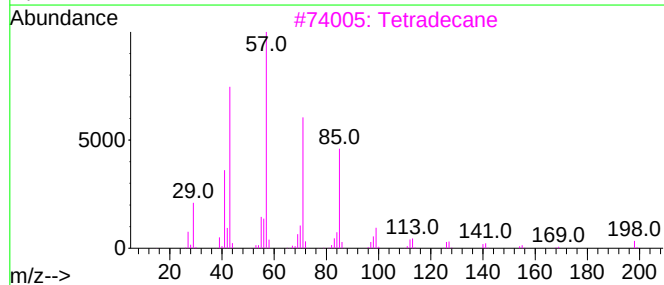
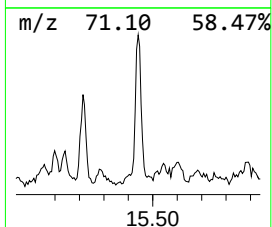
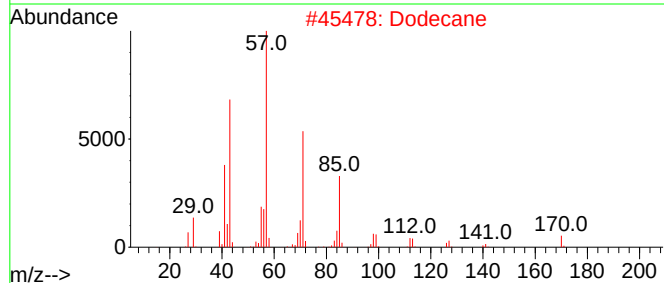
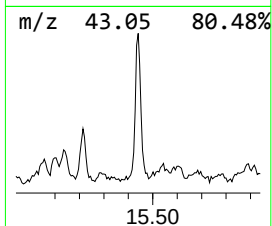
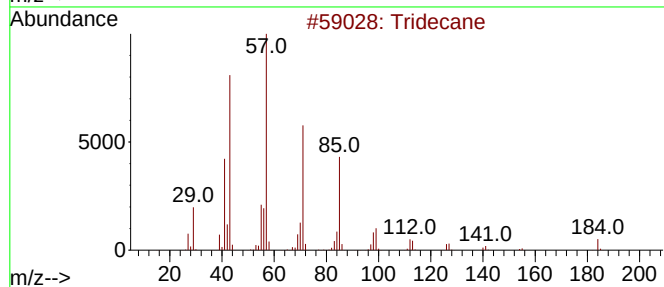
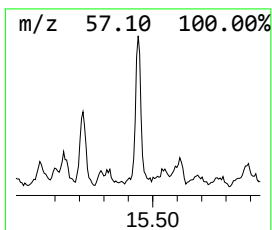
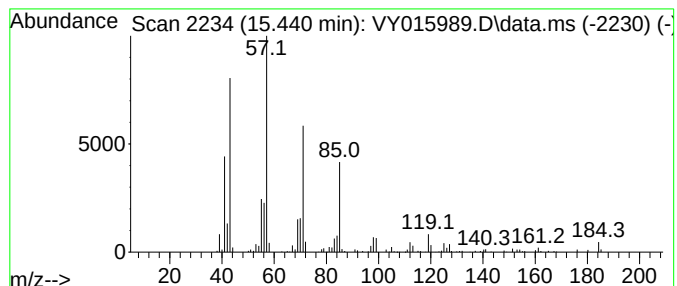
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Quant Title : SW846 8260

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

Peak Number 5 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.440	9.23 ug/l	118363	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Dodecane	170	C12H26	000112-40-3	86
3			Tetradecane	198	C14H30	000629-59-4	72
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	72
5			Hexadecane	226	C16H34	000544-76-3	64



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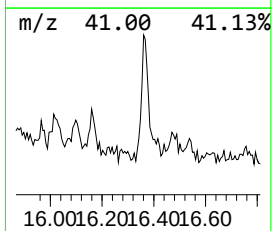
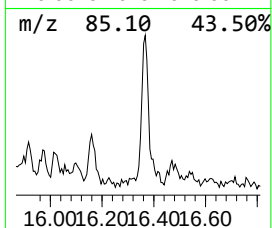
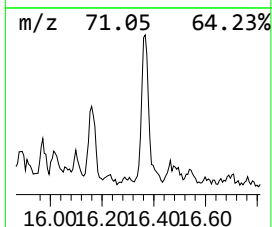
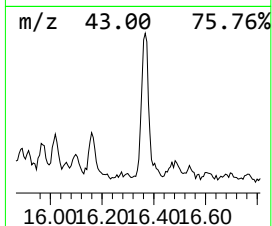
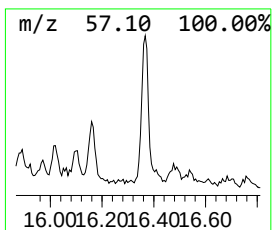
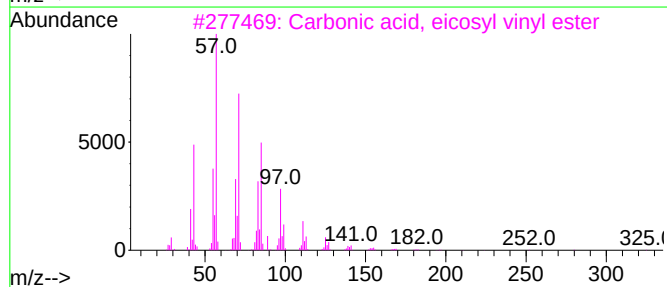
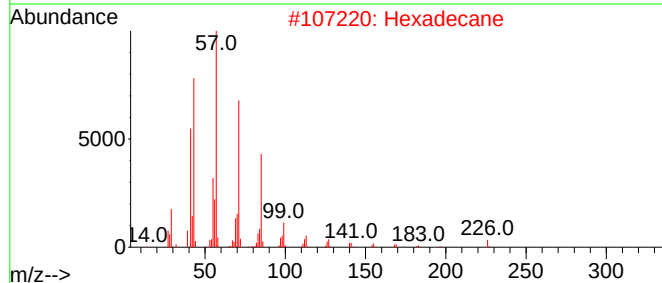
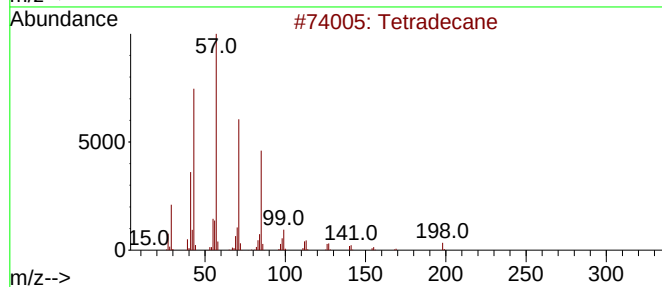
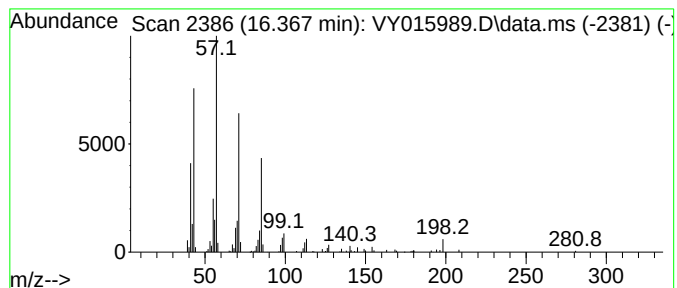
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260

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

Peak Number 6 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.367	5.98 ug/l	76701	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Hexadecane	226	C16H34	000544-76-3	90
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
Data File : VY015989.D
Acq On : 16 Oct 2023 17:03
Operator : SY/MD
Sample : 04892-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-10132023-A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.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
Undecane	13.757	6.0	ug/l	77179	4	13.434	641287	50.0
Dodecane	14.617	6.9	ug/l	88183	4	13.434	641287	50.0
Octane, 2-methyl-	15.214	5.2	ug/l	67188	4	13.434	641287	50.0
Tridecane	15.440	9.2	ug/l	118363	4	13.434	641287	50.0
Tetradecane	16.367	6.0	ug/l	76701	4	13.434	641287	50.0