

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016276.D
 Acq On : 09 Nov 2023 13:03
 Operator : SY/MD
 Sample : 05293-02
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-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\82Y110823S.M

Title : SW846 8260

Signal : TIC: VY016276.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.948	341	349	359	rBV	3049	8094	1.55%	0.248%
2	4.198	382	390	399	rBV2	4527	12350	2.37%	0.379%
3	4.722	465	476	486	rBV2	17432	55759	10.69%	1.712%
4	4.808	487	490	501	rVB4	2968	8028	1.54%	0.246%
5	5.759	637	646	656	rVB4	3922	11951	2.29%	0.367%
6	7.728	958	969	974	rBV	71844	171525	32.89%	5.265%
7	7.795	974	980	991	rVB	126447	280120	53.71%	8.598%
8	8.149	1029	1038	1051	rBV	74400	166351	31.90%	5.106%
9	8.697	1120	1128	1139	rBV	193378	380640	72.99%	11.684%
10	10.185	1365	1372	1380	rBV	306045	521520	100.00%	16.008%
11	10.587	1432	1438	1444	rBV	3799	6183	1.19%	0.190%
12	11.495	1580	1587	1600	rBV	297466	477602	91.58%	14.660%
13	12.489	1740	1750	1758	rBV2	244415	399910	76.68%	12.275%
14	12.837	1799	1807	1818	rBV7	3614	10951	2.10%	0.336%
15	13.050	1836	1842	1843	rBV4	4141	7072	1.36%	0.217%
16	13.074	1843	1846	1853	rVB	15200	24225	4.65%	0.744%
17	13.184	1859	1864	1870	rVB	6101	9598	1.84%	0.295%
18	13.288	1874	1881	1890	rBV	40448	71951	13.80%	2.209%
19	13.434	1895	1905	1910	rVV	301326	479064	91.86%	14.705%
20	13.489	1910	1914	1924	rVB	37074	79456	15.24%	2.439%
21	13.654	1931	1941	1948	rBV4	12812	25744	4.94%	0.790%
22	13.794	1960	1964	1968	rBV5	3978	6569	1.26%	0.202%
23	13.837	1968	1971	1975	rVB6	3657	5239	1.00%	0.161%
24	13.971	1987	1993	2009	rVB3	13887	29477	5.65%	0.905%
25	14.422	2058	2067	2073	rVB6	3128	8431	1.62%	0.259%

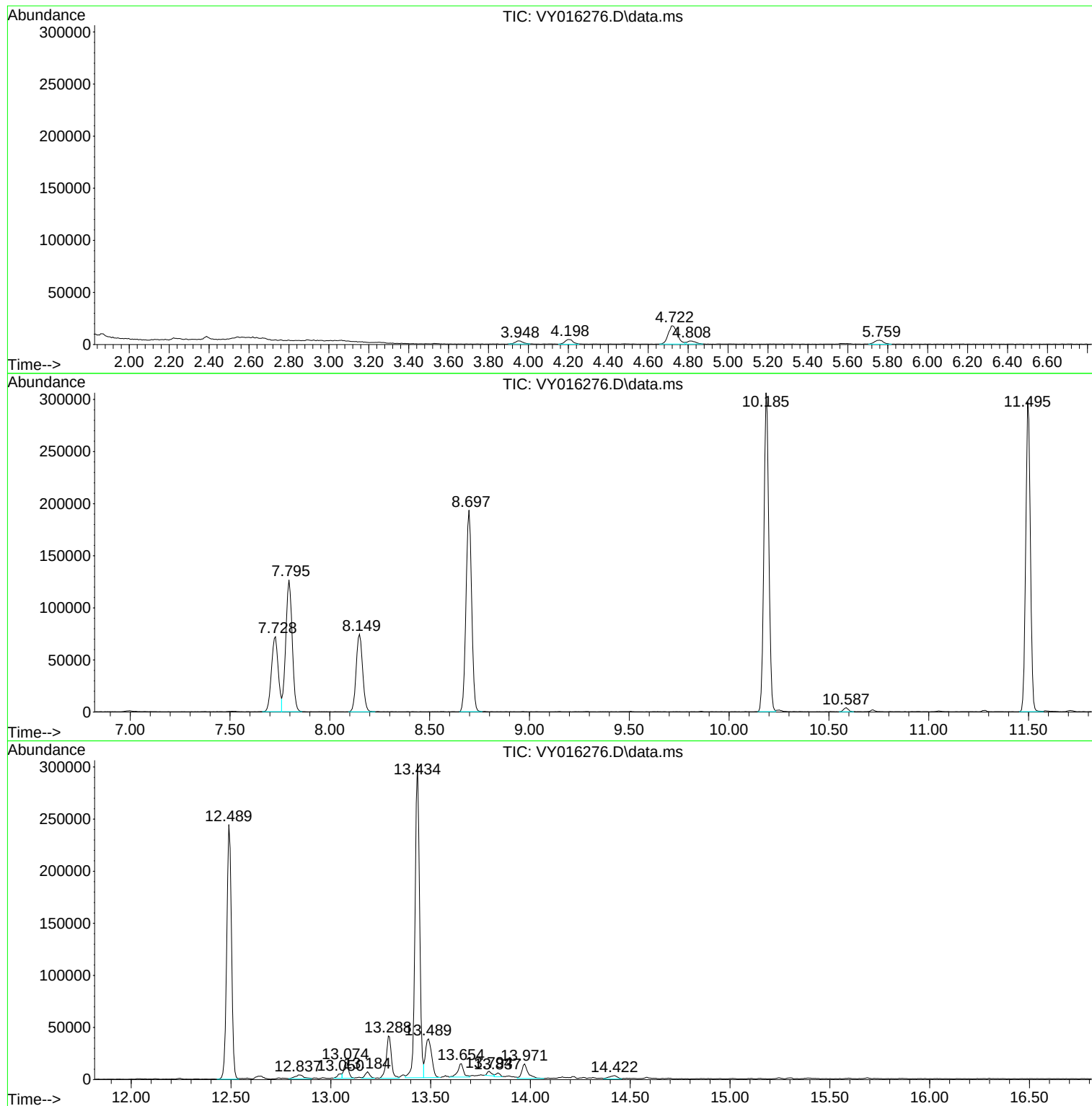
Sum of corrected areas: 3257810

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Quant Title : SW846 8260

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



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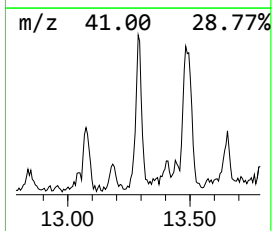
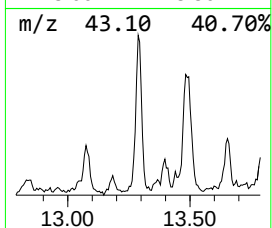
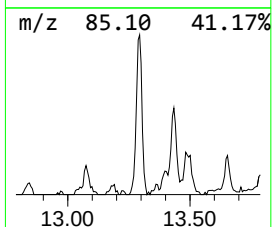
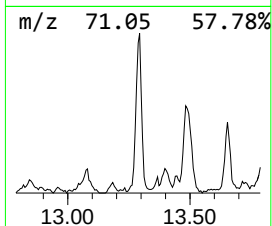
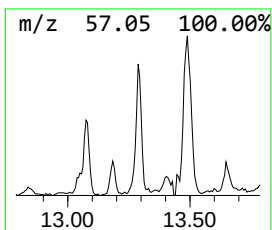
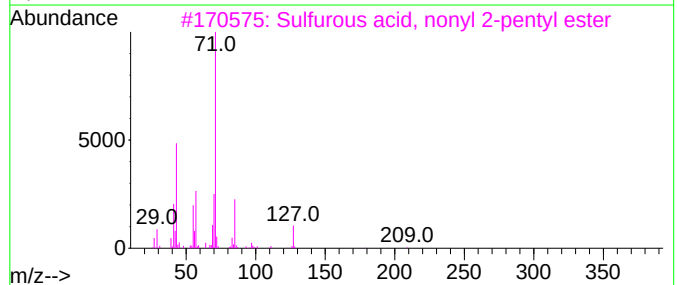
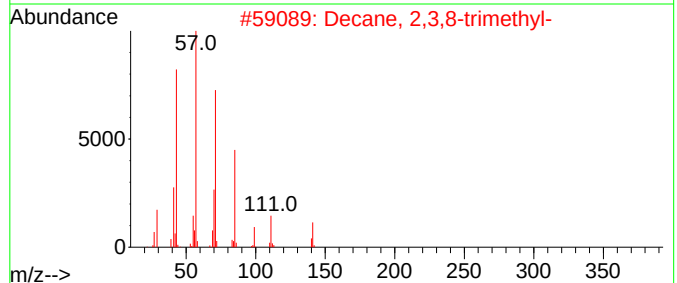
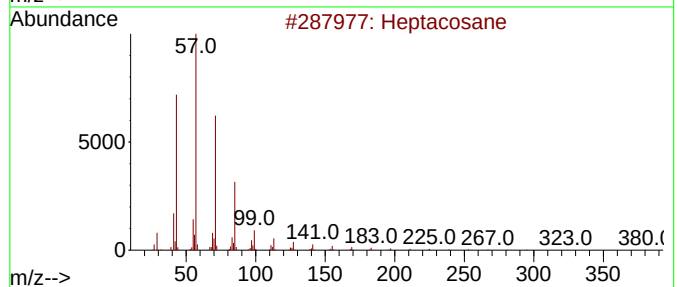
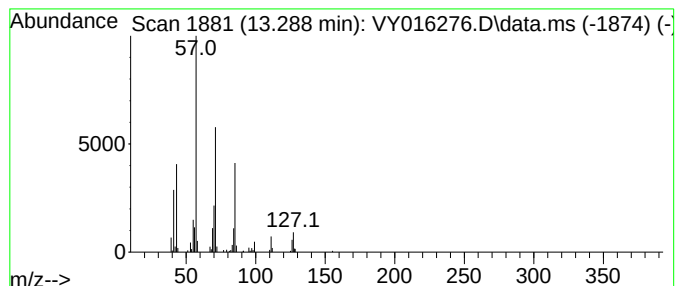
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	7.51 ug/l	71951	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	59
2			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59
3			Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1010309-15-8	47
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	47
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	47



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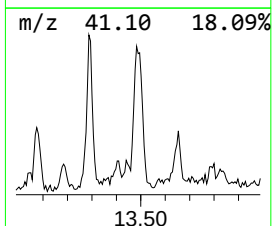
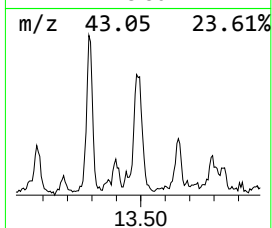
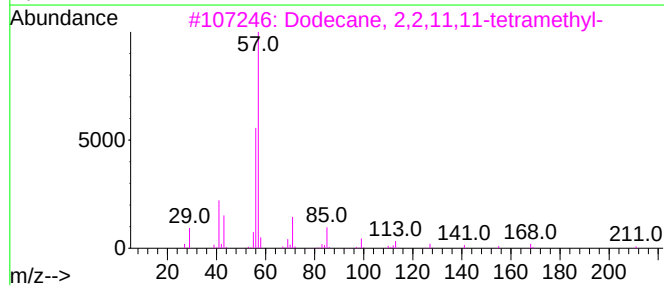
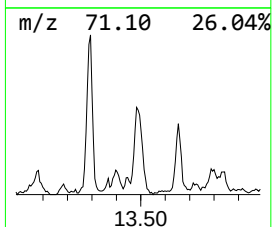
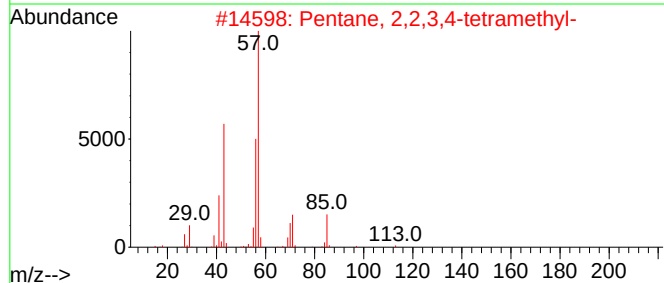
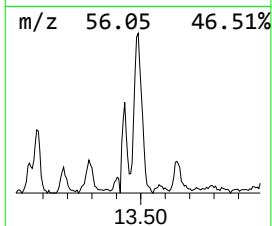
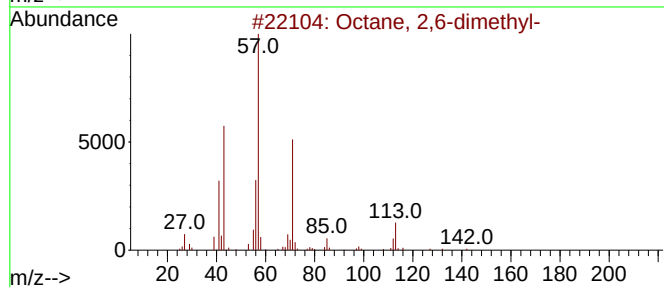
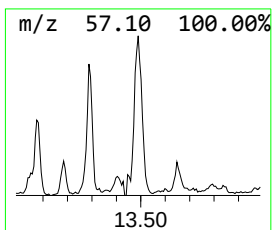
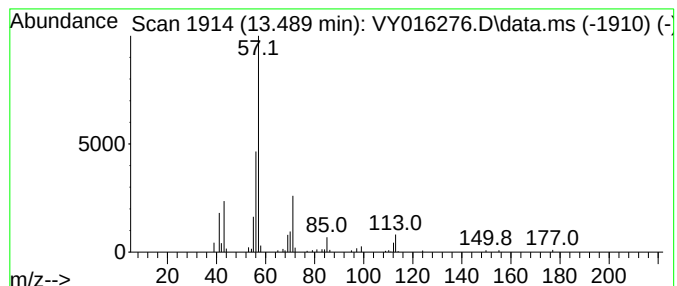
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Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.489	8.29 ug/l	79456	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	56
2			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
3			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	43
4			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	42
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	42



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptacosane	13.288	7.5	ug/l	71951	4	13.434	479064	50.0
Octane, 2,6-dim...	13.489	8.3	ug/l	79456	4	13.434	479064	50.0