

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
 Data File : VY023644.D
 Acq On : 31 Oct 2025 15:01
 Operator : SY/MD
 Sample : Q3516-01
 Misc : 7.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-103125

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\82Y100725S.M

Title : SW846 8260

Signal : TIC: VY023644.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.622	463	476	493	rBV2	45420	154653	2.70%	0.185%
2	7.634	960	970	976	rBV	570684	1365721	23.89%	1.633%
3	7.707	976	982	1007	rVB	955538	2206322	38.59%	2.638%
4	8.061	1030	1040	1054	rBV	451788	1001629	17.52%	1.198%
5	8.616	1121	1131	1145	rBV	1515120	2891306	50.57%	3.458%
6	10.109	1368	1376	1383	rBV	2208597	3782230	66.15%	4.523%
7	11.414	1582	1590	1601	rBV	1964475	3140608	54.93%	3.756%
8	11.633	1616	1626	1635	rVV4	172253	442097	7.73%	0.529%
9	11.956	1667	1679	1688	rBV2	166072	423418	7.41%	0.506%
10	12.048	1690	1694	1698	rVB	61137	80328	1.40%	0.096%
11	12.127	1702	1707	1709	rBV2	48907	77265	1.35%	0.092%
12	12.170	1709	1714	1718	rVB3	74271	137895	2.41%	0.165%
13	12.255	1723	1728	1731	rBV3	58499	104662	1.83%	0.125%
14	12.310	1732	1737	1738	rVV3	39760	65782	1.15%	0.079%
15	12.340	1738	1742	1744	rVV	122953	180927	3.16%	0.216%
16	12.365	1744	1746	1748	rVV	126035	141900	2.48%	0.170%
17	12.414	1748	1754	1764	rVB2	2953510	5717461	100.00%	6.837%
18	12.590	1775	1783	1787	rVB	161799	334943	5.86%	0.401%
19	12.658	1787	1794	1797	rBV	835838	1307265	22.86%	1.563%
20	12.694	1797	1800	1802	rVV	339785	505106	8.83%	0.604%
21	12.731	1802	1806	1811	rVV2	1899817	2816971	49.27%	3.369%
22	12.786	1811	1815	1819	rVB	165945	257636	4.51%	0.308%
23	12.895	1825	1833	1837	rBV	565143	1066309	18.65%	1.275%
24	12.962	1840	1844	1850	rVB	498878	760335	13.30%	0.909%
25	13.042	1850	1857	1862	rBV	2220618	3272873	57.24%	3.914%
26	13.090	1862	1865	1870	rVB3	103337	137616	2.41%	0.165%
27	13.170	1871	1878	1882	rVB4	224250	494593	8.65%	0.591%
28	13.237	1882	1889	1893	rBV3	597968	1110458	19.42%	1.328%
29	13.285	1893	1897	1900	rVV3	370164	541859	9.48%	0.648%
30	13.346	1900	1907	1910	rVV	1806771	3175557	55.54%	3.798%
31	13.377	1910	1912	1917	rVV	972578	1160217	20.29%	1.387%
32	13.426	1917	1920	1925	rVV2	266550	313602	5.48%	0.375%
33	13.541	1931	1939	1943	rBV	1129106	1952164	34.14%	2.335%
34	13.584	1943	1946	1955	rVB3	859344	1677041	29.33%	2.006%
35	13.676	1955	1961	1965	rBV	2126468	3160469	55.28%	3.779%
36	13.718	1965	1968	1969	rBV2	130888	149404	2.61%	0.179%

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Integration Parameters: RTEINT.P

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Sampling : 1

Min Area: 3 % of largest Peak

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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\82Y100725S.M
 Title : SW846 8260

37	13.743	1969	1972	1978	rVB	357845	497303	8.70%	0.595%
38	13.804	1978	1982	1984	rBV	420461	559059	9.78%	0.669%
39	13.834	1984	1987	1992	rVB2	651506	910541	15.93%	1.089%
40	13.889	1992	1996	2001	rVB	1001002	1411367	24.69%	1.688%
41	13.938	2001	2004	2009	rVB2	266774	452379	7.91%	0.541%
42	13.999	2009	2014	2019	rVB	1061001	1573738	27.53%	1.882%
43	14.066	2019	2025	2030	rBV6	222781	578857	10.12%	0.692%
44	14.133	2030	2036	2038	rBV3	304370	569986	9.97%	0.682%
45	14.169	2038	2042	2047	rBV8	379428	761663	13.32%	0.911%
46	14.255	2053	2056	2060	rVB	677683	924074	16.16%	1.105%
47	14.297	2060	2063	2067	rBV	510103	712692	12.47%	0.852%
48	14.340	2067	2070	2074	rVB2	448558	582404	10.19%	0.696%
49	14.395	2076	2079	2082	rBV2	128029	178941	3.13%	0.214%
50	14.438	2083	2086	2089	rVV	306682	386725	6.76%	0.462%
51	14.480	2089	2093	2097	rVV	710908	1194659	20.89%	1.429%
52	14.529	2097	2101	2106	rVB	1906998	2567044	44.90%	3.070%
53	14.602	2106	2113	2117	rBV4	1639595	3430518	60.00%	4.102%
54	14.651	2117	2121	2127	rVB2	821073	1396585	24.43%	1.670%
55	14.749	2132	2137	2142	rVB	1155533	1743660	30.50%	2.085%
56	14.858	2151	2155	2158	rBV3	478170	669665	11.71%	0.801%
57	14.895	2158	2161	2165	rVB	265392	322616	5.64%	0.386%
58	14.968	2167	2173	2178	rBV4	585038	1155483	20.21%	1.382%
59	15.047	2183	2186	2192	rVB5	381406	659672	11.54%	0.789%
60	15.120	2193	2198	2207	rBV2	583090	1674351	29.28%	2.002%
61	15.200	2207	2211	2215	rVB	535754	737112	12.89%	0.881%
62	15.255	2215	2220	2230	rBV4	396357	1217995	21.30%	1.457%
63	15.340	2230	2234	2242	rVB2	1241529	1938516	33.91%	2.318%
64	15.431	2242	2249	2256	rBV4	434408	1090556	19.07%	1.304%
65	15.511	2257	2262	2267	rVB3	221594	401573	7.02%	0.480%
66	15.590	2268	2275	2277	rBV3	259377	542159	9.48%	0.648%
67	15.626	2277	2281	2289	rVB	883148	1557598	27.24%	1.863%
68	15.779	2302	2306	2317	rVB4	239621	579057	10.13%	0.692%
69	15.925	2323	2330	2335	rBV3	495101	1039539	18.18%	1.243%
70	16.047	2346	2350	2354	rBV3	164431	258023	4.51%	0.309%
71	16.120	2356	2362	2367	rVV2	386060	761512	13.32%	0.911%
72	16.181	2367	2372	2378	rVV	392273	696168	12.18%	0.833%
73	16.248	2378	2383	2395	rVB	511957	945992	16.55%	1.131%
74	16.370	2397	2403	2410	rBV2	322095	833444	14.58%	0.997%

Sum of corrected areas: 83621848

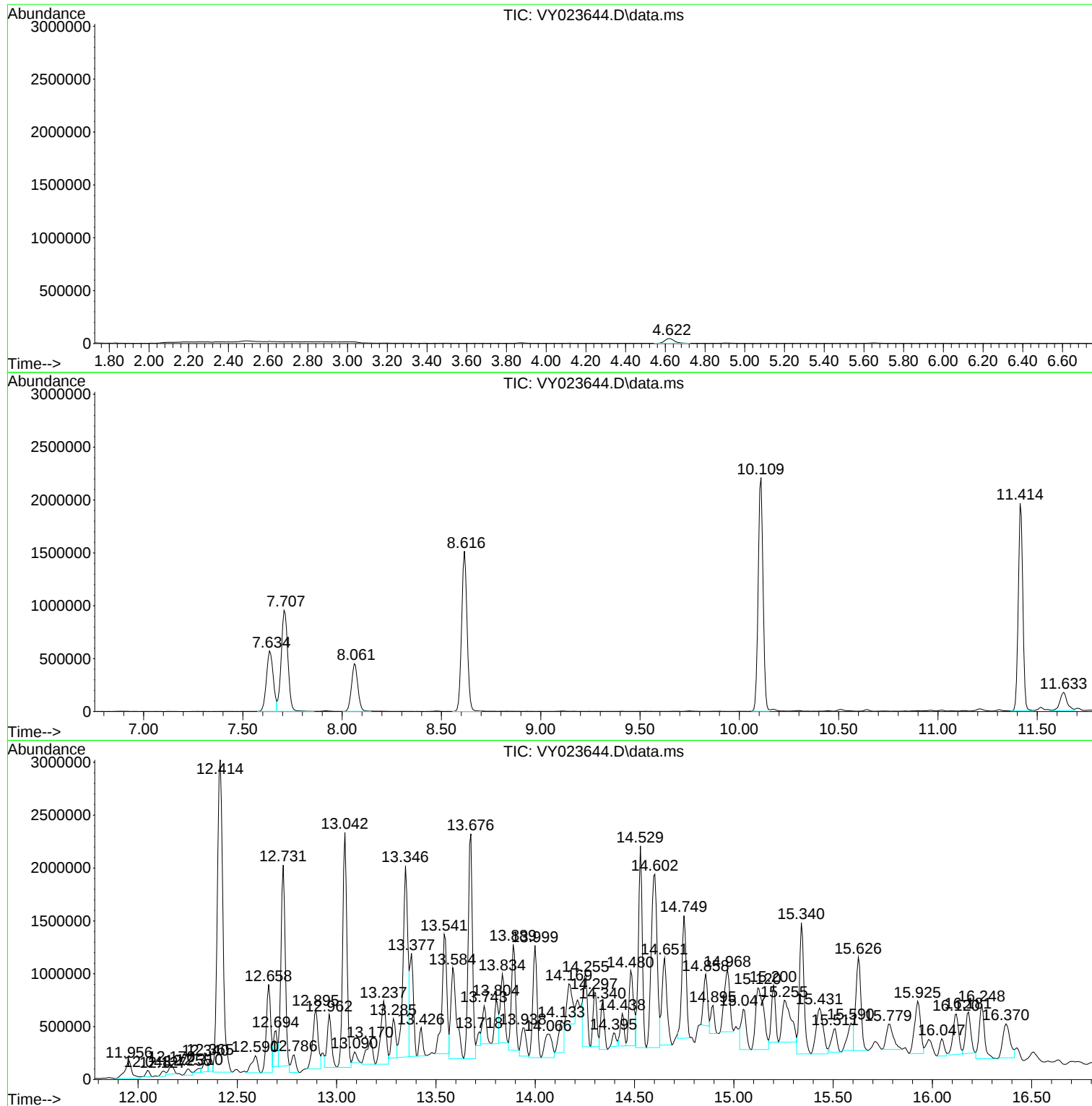
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-103125

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ClientSampleId :
HD-01-103125

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-103125

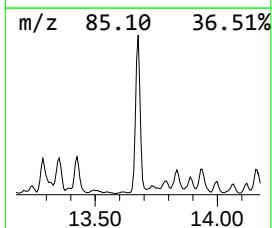
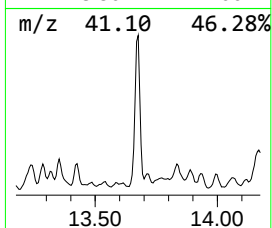
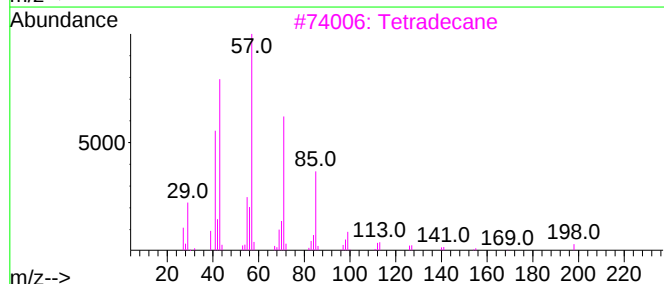
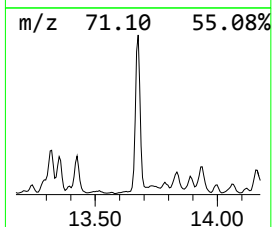
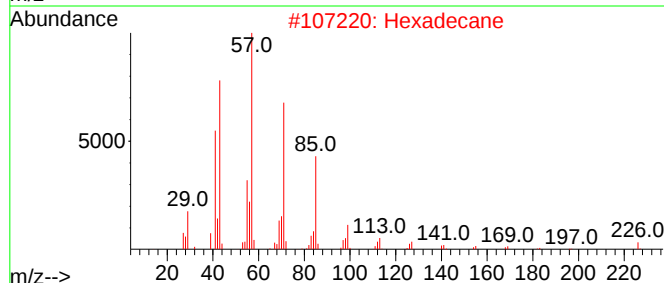
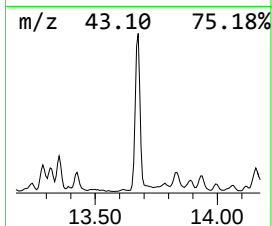
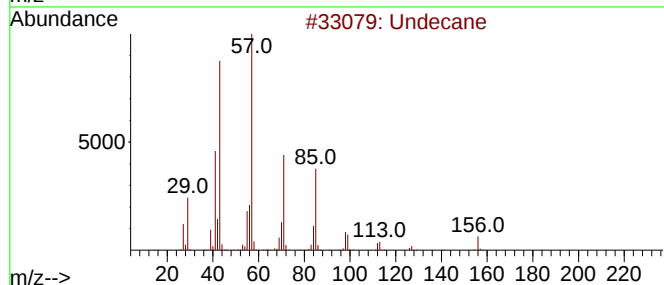
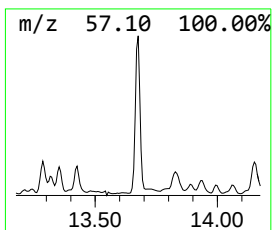
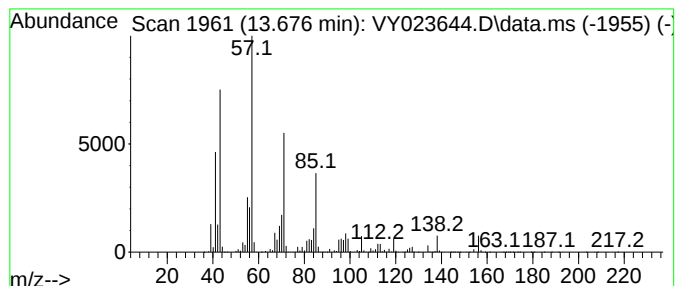
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	49.76 ug/l	3160470	1,4-Dichlorobenzene-d4	13.346

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane	156	C11H24	001120-21-4	95
2		Hexadecane	226	C16H34	000544-76-3	80
3		Tetradecane	198	C14H30	000629-59-4	80
4		Nonadecane	268	C19H40	000629-92-5	64
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64



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Instrument :
MSVOA_Y
ClientSampleId :
HD-01-103125

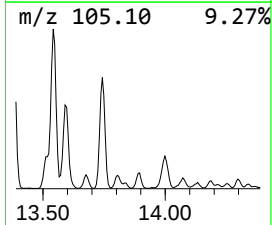
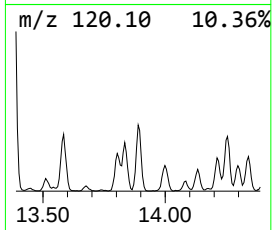
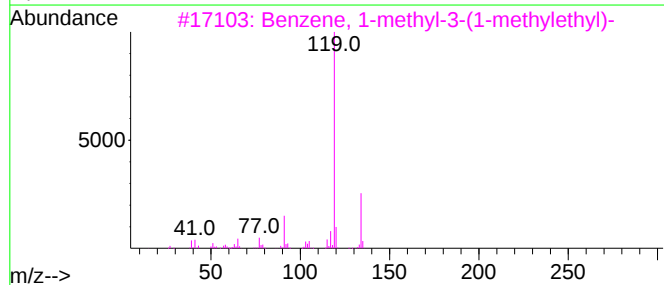
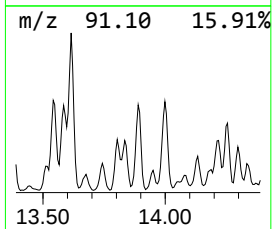
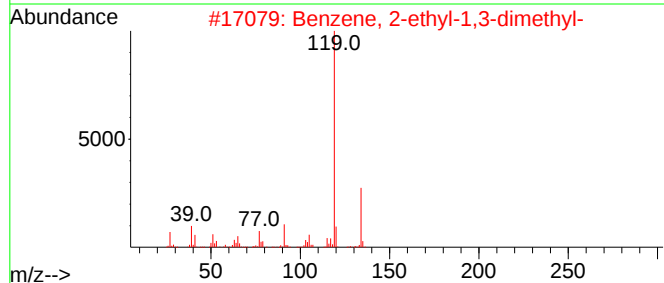
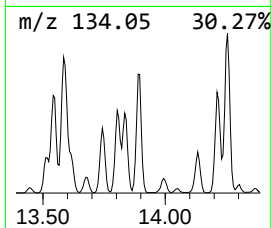
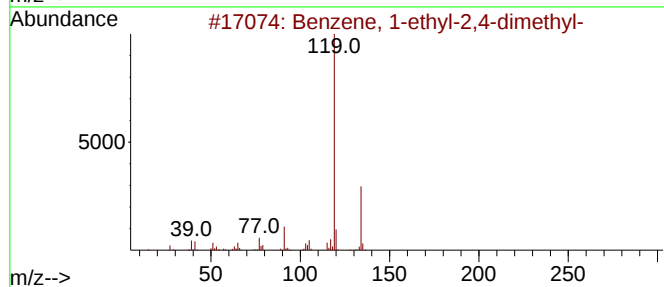
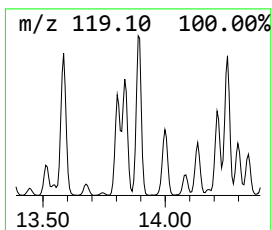
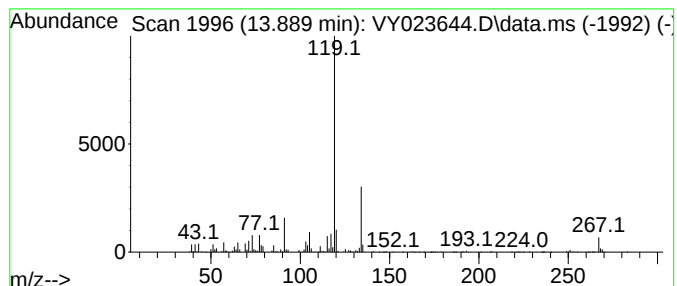
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	22.22 ug/l	1411370	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



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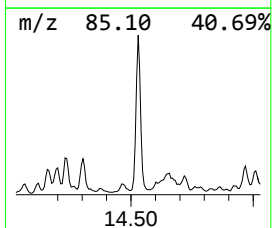
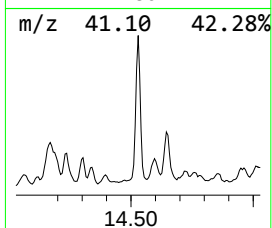
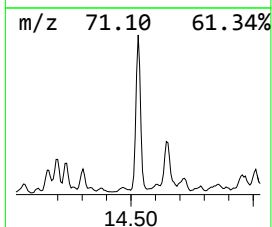
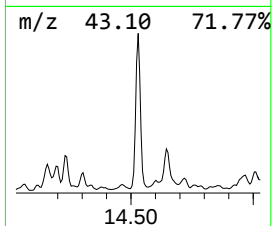
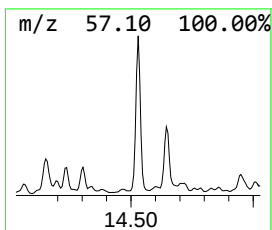
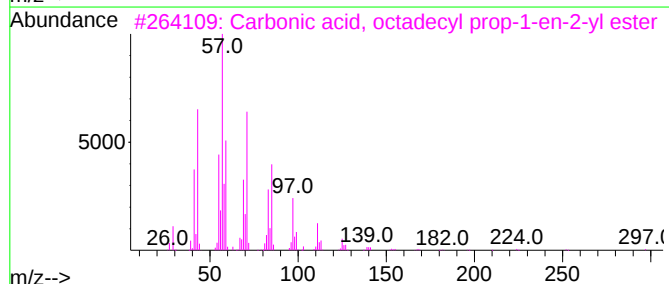
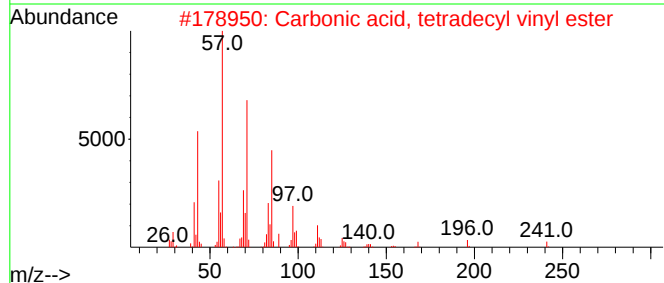
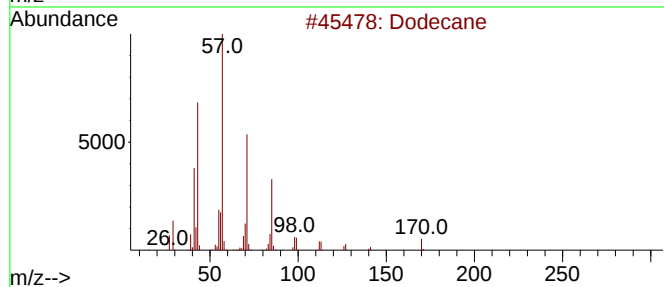
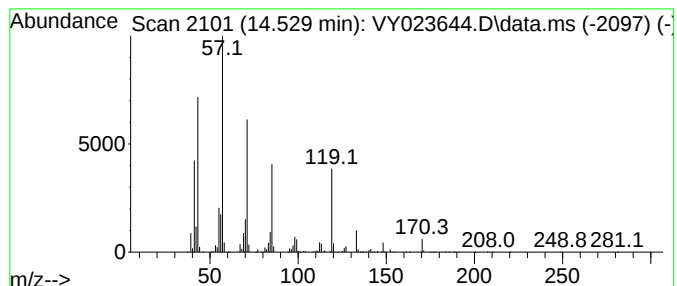
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	40.42 ug/l	2567040	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	96
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	49
3			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	49
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	47
5			Hexadecane	226	C16H34	000544-76-3	43



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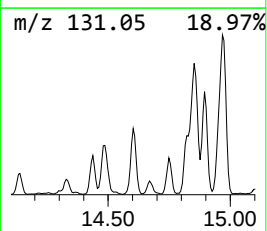
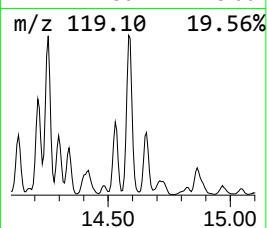
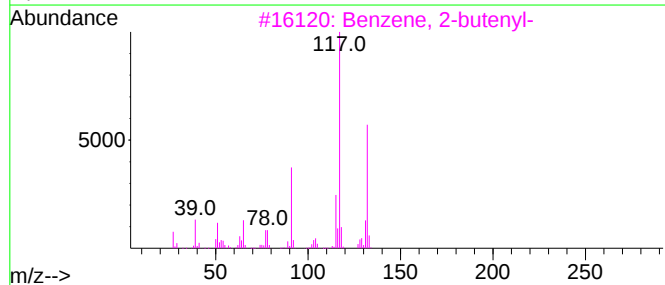
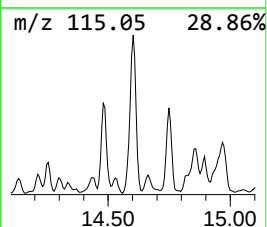
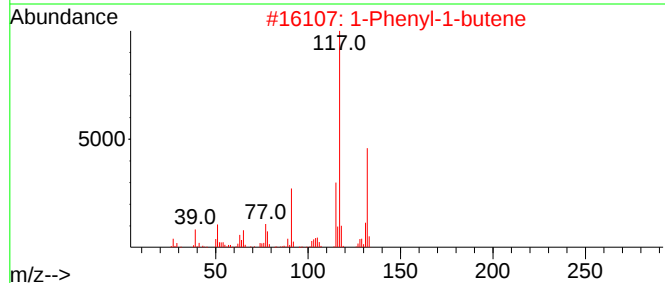
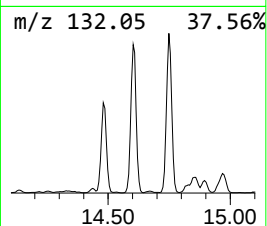
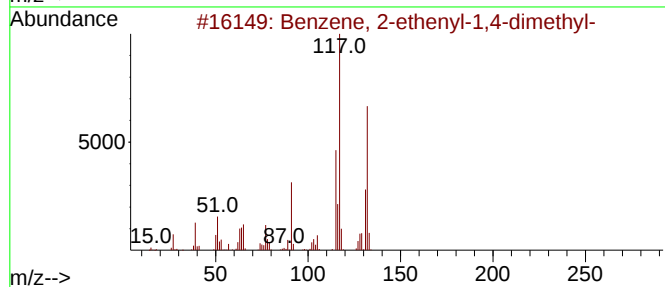
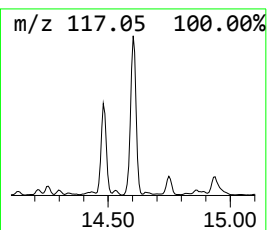
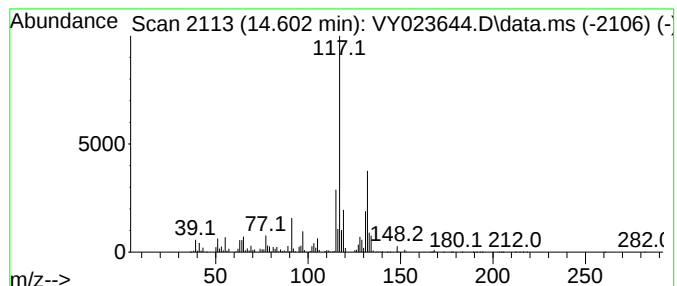
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	54.01 ug/l	3430520	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
Data File : VY023644.D
Acq On : 31 Oct 2025 15:01
Operator : SY/MD
Sample : Q3516-01
Misc : 7.13g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-103125

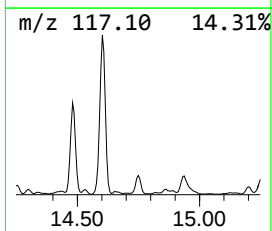
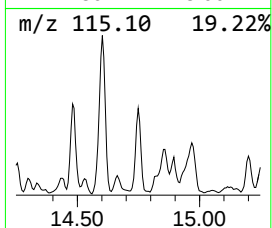
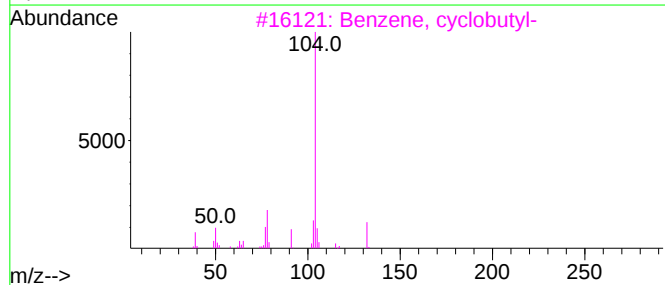
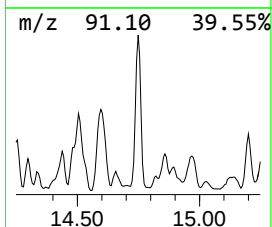
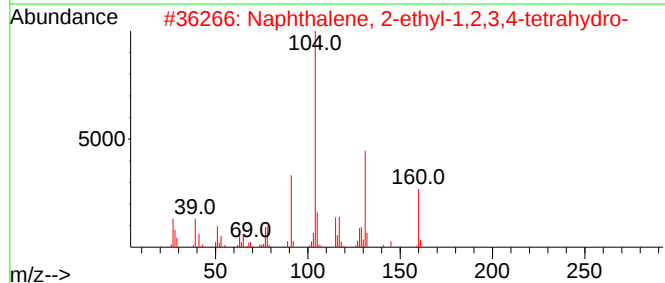
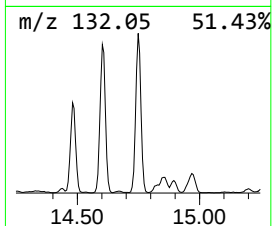
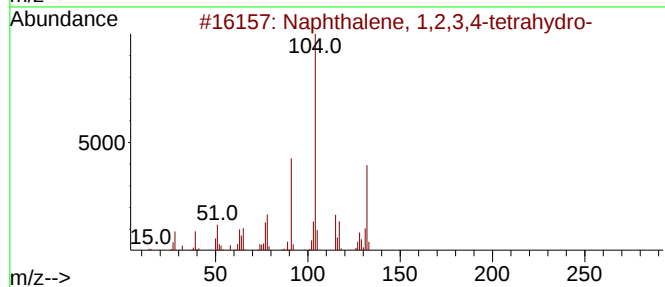
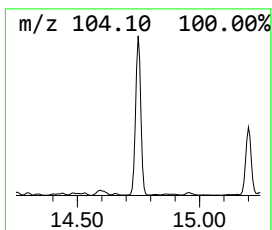
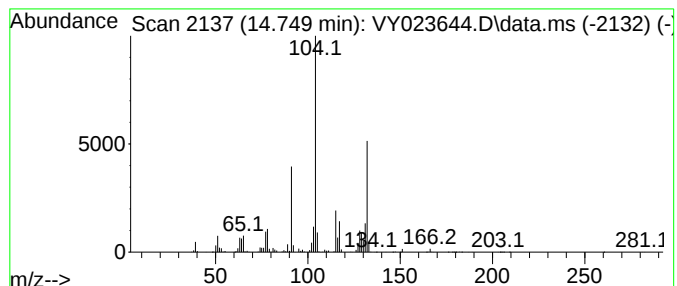
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.749	27.45 ug/l	1743660	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2			Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	59
3			Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
4			Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35
5			Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
Data File : VY023644.D
Acq On : 31 Oct 2025 15:01
Operator : SY/MD
Sample : Q3516-01
Misc : 7.13g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-103125

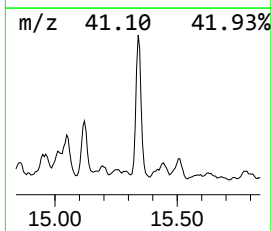
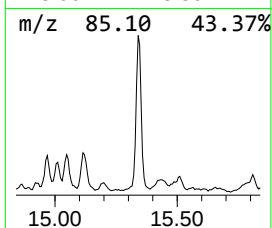
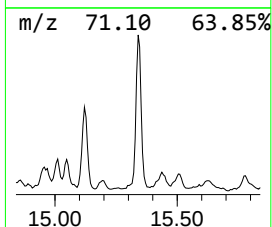
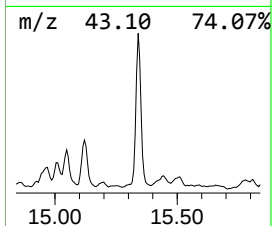
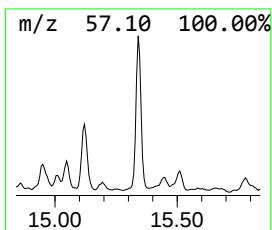
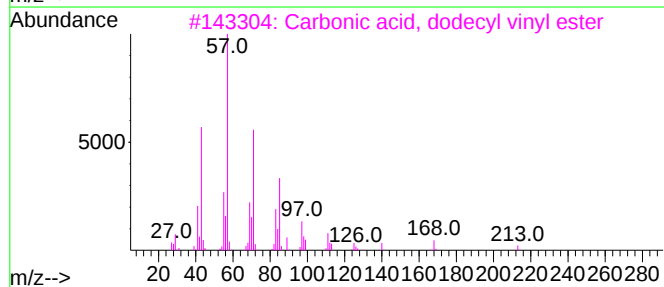
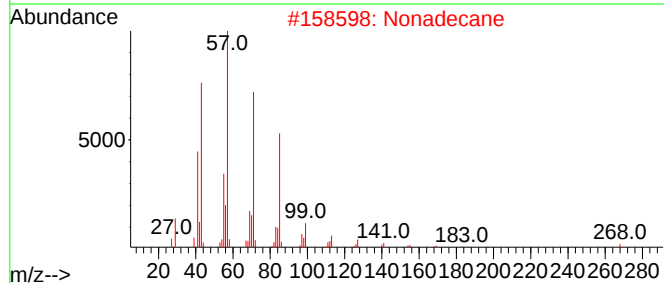
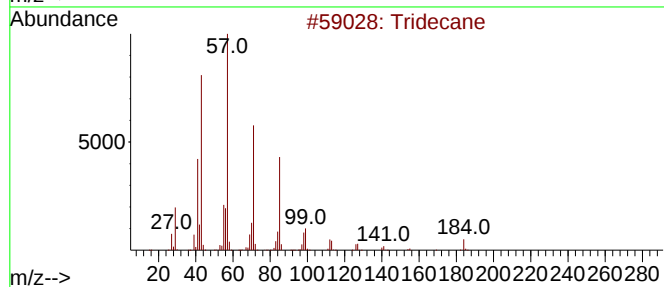
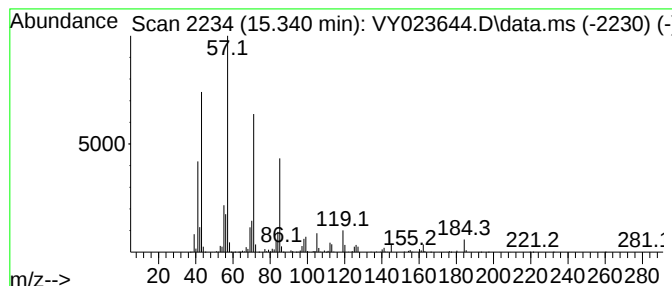
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.340	30.52 ug/l	1938520	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Nonadecane	268	C19H40	000629-92-5	72
3			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	72
4			Tetradecane	198	C14H30	000629-59-4	72
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
Data File : VY023644.D
Acq On : 31 Oct 2025 15:01
Operator : SY/MD
Sample : Q3516-01
Misc : 7.13g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-103125

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	13.676	49.8	ug/l	3160470	4	13.346	3175560	50.0
Benzene, 1-ethy...	13.889	22.2	ug/l	1411370	4	13.346	3175560	50.0
Dodecane	14.529	40.4	ug/l	2567040	4	13.346	3175560	50.0
Benzene, 2-ethe...	14.602	54.0	ug/l	3430520	4	13.346	3175560	50.0
Naphthalene, 1,...	14.749	27.4	ug/l	1743660	4	13.346	3175560	50.0
Tridecane	15.340	30.5	ug/l	1938520	4	13.346	3175560	50.0