

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023380.D
 Acq On : 25 Sep 2025 17:40
 Operator : SY/MD
 Sample : Q3212-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-092525

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\82Y090825S.M
 Title : SW846 8260

Signal : TIC: VY023380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.610	463	474	488	rBV3	45645	143872	4.31%	0.235%
2	5.647	632	644	661	rBV3	88421	290619	8.71%	0.475%
3	6.884	839	847	861	rBV	39488	126658	3.80%	0.207%
4	7.634	959	970	976	rBV	493974	1185553	35.54%	1.937%
5	7.707	976	982	997	rVB	689910	1534854	46.01%	2.508%
6	8.061	1026	1040	1051	rBV	398774	928128	27.82%	1.517%
7	8.616	1122	1131	1149	rBV	1215851	2352412	70.52%	3.844%
8	10.103	1368	1375	1394	rBV	1922790	3335916	100.00%	5.452%
9	10.505	1436	1441	1455	rVB	68431	134333	4.03%	0.220%
10	10.877	1497	1502	1509	rBV	38762	75099	2.25%	0.123%
11	11.018	1520	1525	1530	rVB3	22536	39120	1.17%	0.064%
12	11.207	1547	1556	1567	rVB6	39742	115685	3.47%	0.189%
13	11.304	1567	1572	1577	rBV	35937	58580	1.76%	0.096%
14	11.414	1582	1590	1601	rBV	1977195	3097502	92.85%	5.062%
15	11.639	1616	1627	1634	rBV4	155251	342206	10.26%	0.559%
16	11.706	1635	1638	1643	rVB	29724	44226	1.33%	0.072%
17	11.950	1667	1678	1686	rBV3	114145	332176	9.96%	0.543%
18	12.048	1690	1694	1698	rVB	112216	152698	4.58%	0.250%
19	12.127	1698	1707	1709	rBV4	58529	115046	3.45%	0.188%
20	12.164	1709	1713	1718	rVB5	103642	194984	5.84%	0.319%
21	12.249	1723	1727	1729	rBV4	28072	41817	1.25%	0.068%
22	12.310	1731	1737	1738	rBV4	49681	83880	2.51%	0.137%
23	12.340	1738	1742	1744	rVV	111676	171967	5.16%	0.281%
24	12.365	1744	1746	1748	rVV	89475	99355	2.98%	0.162%
25	12.401	1748	1752	1757	rVV	1535530	2377050	71.26%	3.885%
26	12.444	1757	1759	1764	rVB	161213	201076	6.03%	0.329%
27	12.566	1774	1779	1787	rVB3	135179	300617	9.01%	0.491%
28	12.657	1787	1794	1796	rBV3	149386	284596	8.53%	0.465%
29	12.731	1801	1806	1811	rVB2	1435063	2177323	65.27%	3.558%
30	12.779	1811	1814	1819	rVB3	138169	214350	6.43%	0.350%
31	12.834	1819	1823	1825	rBV4	26951	37460	1.12%	0.061%
32	12.895	1825	1833	1836	rBV	300704	659717	19.78%	1.078%
33	12.962	1840	1844	1850	rVB	526973	750237	22.49%	1.226%
34	13.035	1850	1856	1861	rBV2	138322	276244	8.28%	0.451%
35	13.090	1861	1865	1870	rBV2	115461	172544	5.17%	0.282%
36	13.145	1870	1874	1876	rBV3	148198	219231	6.57%	0.358%

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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\82Y090825S.M
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37	13.170	1876	1878	1882	rVB3	158167	193791	5.81%	0.317%
38	13.237	1882	1889	1893	rBV3	480660	918944	27.55%	1.502%
39	13.285	1893	1897	1900	rBV3	308341	402555	12.07%	0.658%
40	13.346	1900	1907	1910	rBV	1961130	3295801	98.80%	5.386%
41	13.426	1916	1920	1925	rVB2	235497	313891	9.41%	0.513%
42	13.487	1925	1930	1932	rBV3	112583	187995	5.64%	0.307%
43	13.511	1932	1934	1935	rVV	103691	97179	2.91%	0.159%
44	13.541	1935	1939	1942	rVV	481517	631688	18.94%	1.032%
45	13.584	1942	1946	1954	rVB2	629554	1093749	32.79%	1.787%
46	13.669	1954	1960	1965	rBV	1880267	2807022	84.15%	4.587%
47	13.743	1965	1972	1976	rBV	370892	654303	19.61%	1.069%
48	13.804	1978	1982	1984	rBV	194277	273682	8.20%	0.447%
49	13.834	1984	1987	1992	rVB	493028	656519	19.68%	1.073%
50	13.889	1992	1996	2000	rVB	748197	1031720	30.93%	1.686%
51	13.938	2000	2004	2008	rVB2	216476	328916	9.86%	0.538%
52	13.999	2008	2014	2018	rVB2	785952	1211725	36.32%	1.980%
53	14.066	2018	2025	2030	rBV5	212806	545835	16.36%	0.892%
54	14.133	2030	2036	2038	rBV2	352665	657539	19.71%	1.075%
55	14.169	2039	2042	2047	rBV5	168377	385292	11.55%	0.630%
56	14.249	2052	2055	2059	rVV	751235	1117080	33.49%	1.826%
57	14.297	2059	2063	2066	rVV	483452	606759	18.19%	0.992%
58	14.334	2066	2069	2073	rVB	359514	461109	13.82%	0.754%
59	14.438	2082	2086	2089	rVB	213459	302730	9.07%	0.495%
60	14.480	2089	2093	2097	rBV2	372986	605044	18.14%	0.989%
61	14.529	2097	2101	2105	rVB	1355876	1755552	52.63%	2.869%
62	14.590	2105	2111	2117	rBV3	1501367	3283382	98.43%	5.366%
63	14.645	2117	2120	2127	rVB3	590283	988392	29.63%	1.615%
64	14.749	2132	2137	2142	rVB	822367	1185380	35.53%	1.937%
65	14.822	2146	2149	2150	rBV2	103889	109474	3.28%	0.179%
66	14.858	2150	2155	2158	rBV3	495401	728793	21.85%	1.191%
67	14.962	2167	2172	2177	rBV2	537349	1046509	31.37%	1.710%
68	15.120	2191	2198	2206	rBV5	496841	1006519	30.17%	1.645%
69	15.200	2206	2211	2215	rVV	473451	783893	23.50%	1.281%
70	15.255	2215	2220	2230	rVV4	362473	1357235	40.69%	2.218%
71	15.340	2230	2234	2242	rVB2	537194	876719	26.28%	1.433%
72	15.425	2242	2248	2255	rBV4	291712	788860	23.65%	1.289%
73	15.505	2256	2261	2265	rBV3	238379	383555	11.50%	0.627%
74	15.626	2276	2281	2288	rVB	828036	1465210	43.92%	2.394%
75	15.779	2301	2306	2322	rVB5	240888	785145	23.54%	1.283%
76	15.925	2323	2330	2335	rBV	591435	1168880	35.04%	1.910%

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ClientSampleId :
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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

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77	16.047	2345	2350	2354	rBV	165788	266658	7.99%	0.436%
78	16.114	2355	2361	2367	rVV	474672	925040	27.73%	1.512%
79	16.175	2367	2371	2377	rVB	187706	323342	9.69%	0.528%
80	16.370	2396	2403	2408	rBV7	174808	515822	15.46%	0.843%

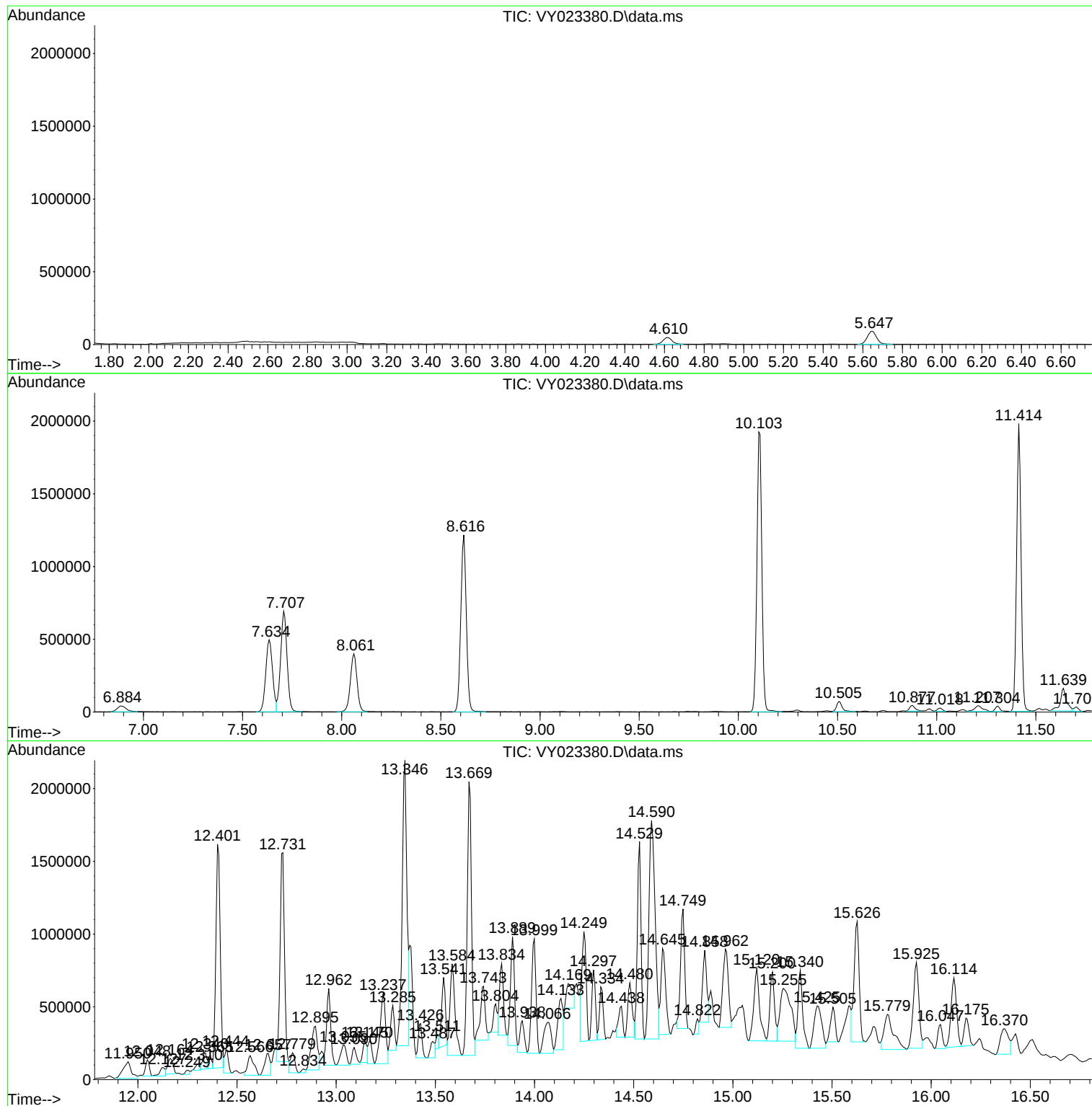
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

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



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-092525

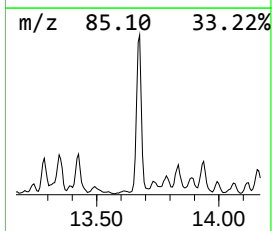
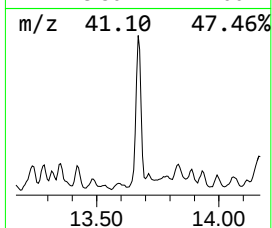
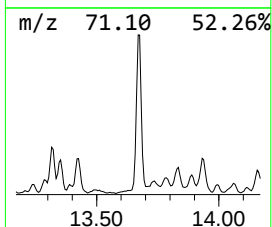
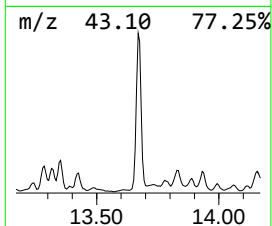
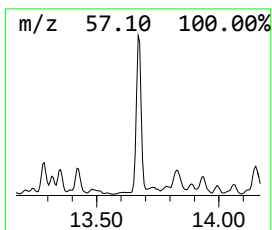
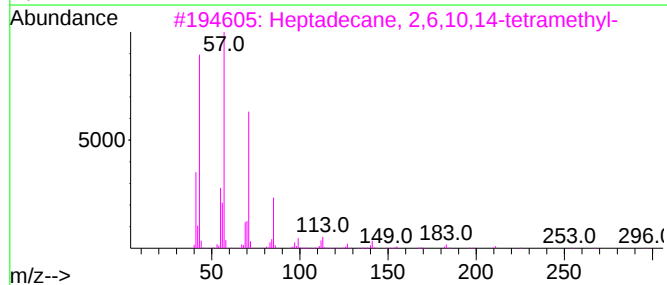
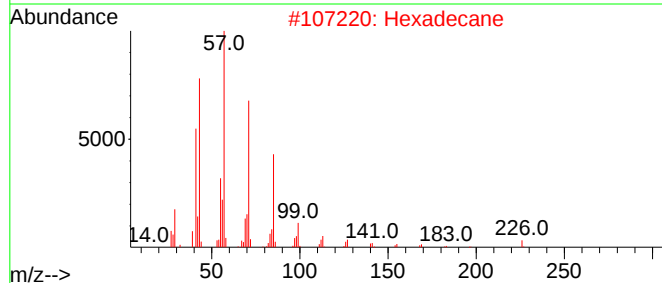
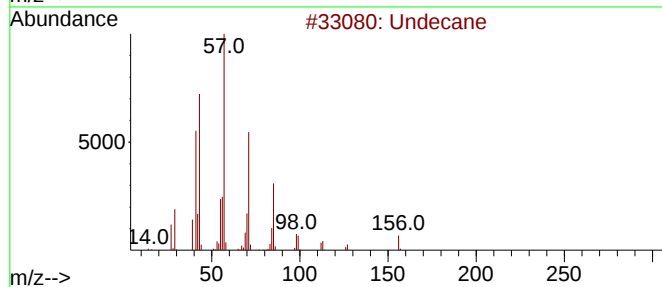
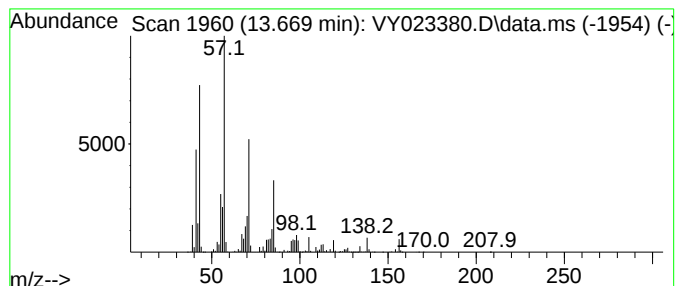
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	42.58 ug/l	2807020	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Hexadecane			226	C16H34	000544-76-3	72
3	Heptadecane, 2,6,10,14-tetramethyl-			296	C21H44	018344-37-1	64
4	Tetradecane			198	C14H30	000629-59-4	64
5	Decane, 2,3,5-trimethyl-			184	C13H28	062238-11-3	59



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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-092525

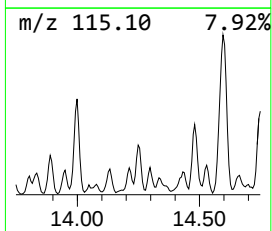
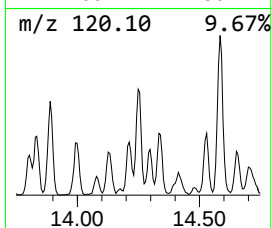
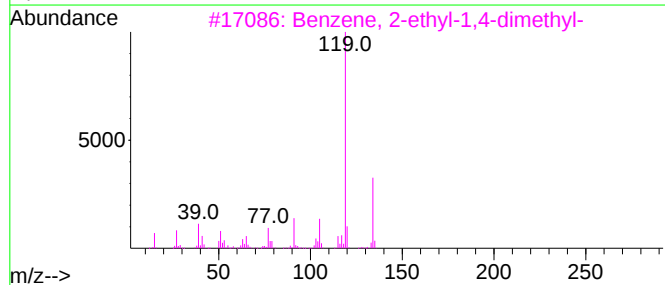
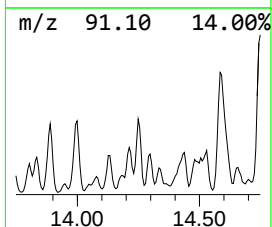
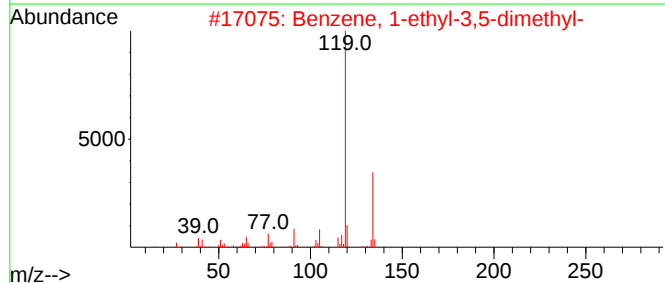
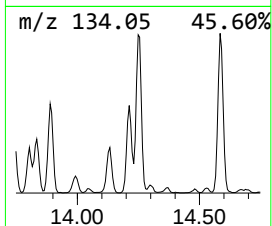
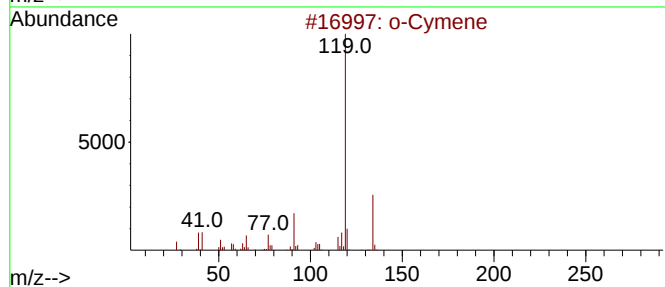
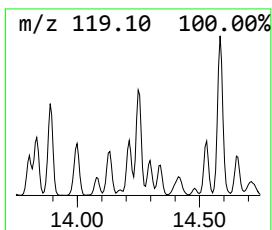
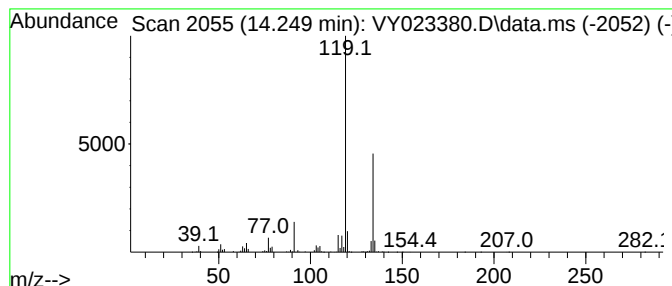
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

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

Peak Number 3 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.249	16.95 ug/l	1117080	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



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Instrument :
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ClientSampleId :
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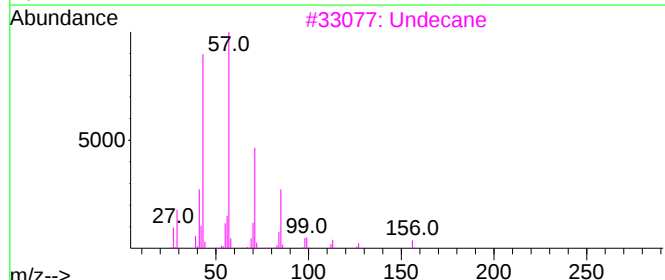
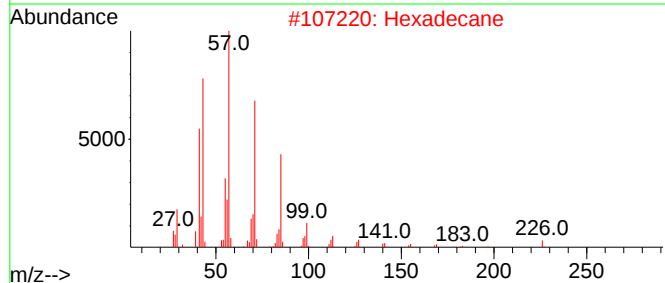
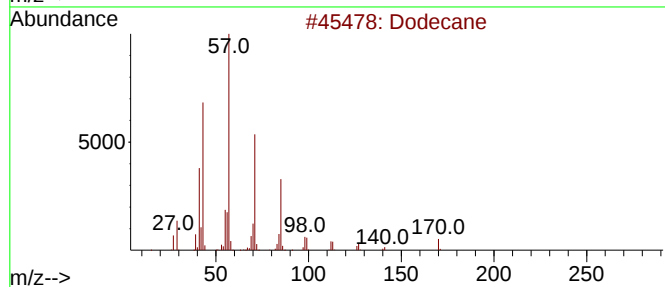
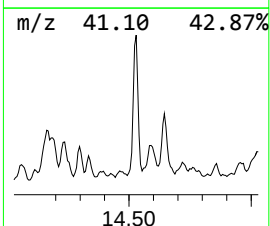
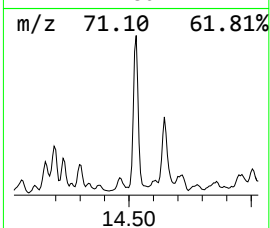
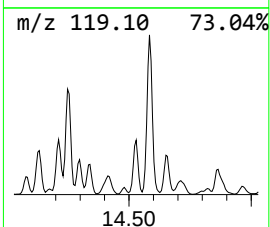
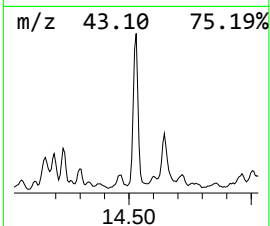
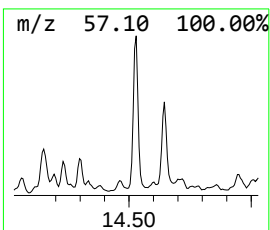
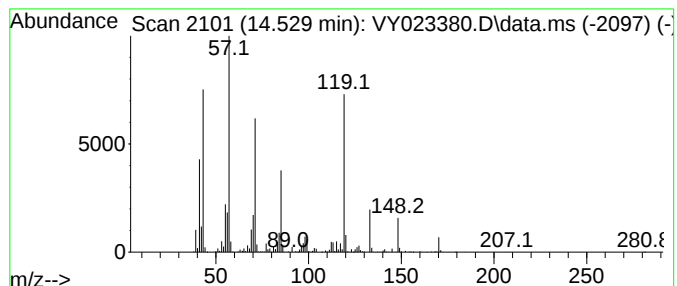
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	26.63 ug/l	1755550	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Hexadecane	226	C16H34	000544-76-3	45
3			Undecane	156	C11H24	001120-21-4	43
4			Heptadecane	240	C17H36	000629-78-7	43
5			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	38



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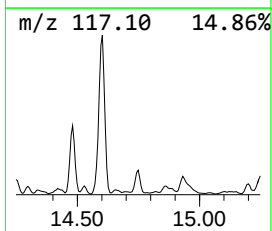
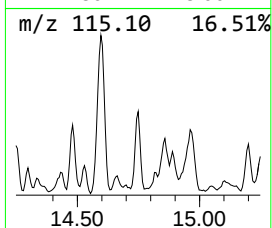
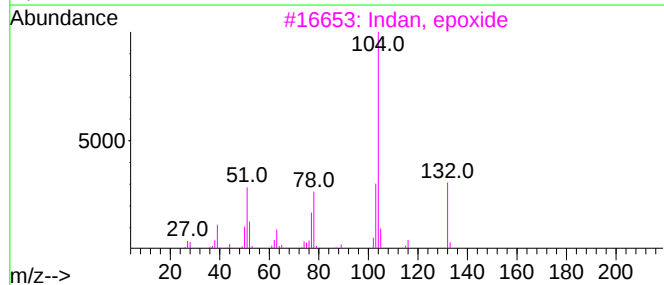
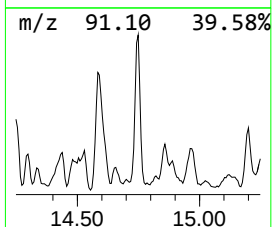
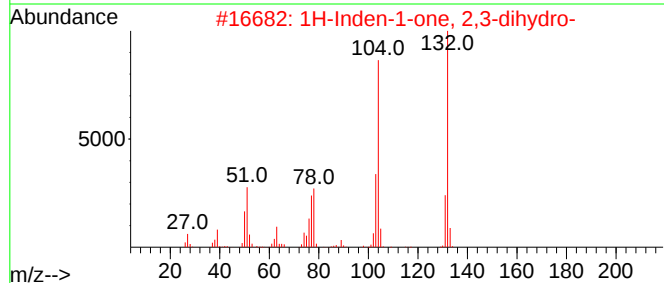
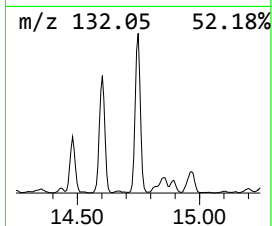
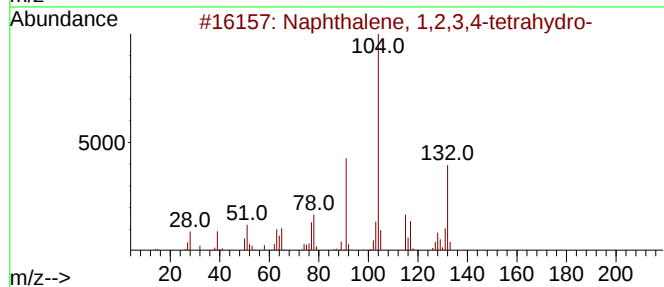
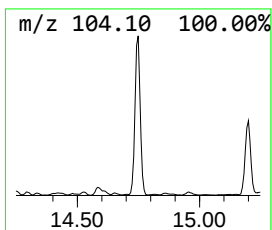
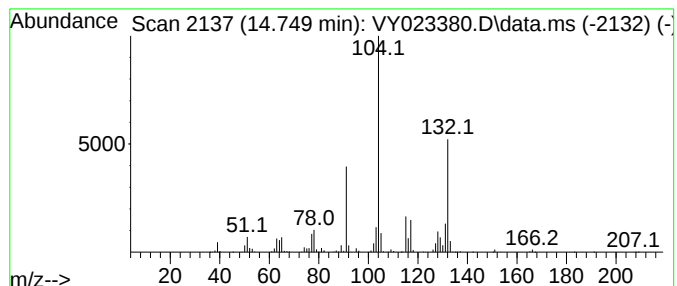
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-092525

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.749	17.98 ug/l	1185380	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	1H-Inden-1-one, 2,3-dihydro-		132	C9H8O	000083-33-0	59
3	Indan, epoxide		132	C9H8O	000768-22-9	58
4	2H-Inden-2-one, 1,3-dihydro-		132	C9H8O	000615-13-4	58
5	2-Methylbenzyl cyanide		131	C9H9N	022364-68-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023380.D
Acq On : 25 Sep 2025 17:40
Operator : SY/MD
Sample : Q3212-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-092525

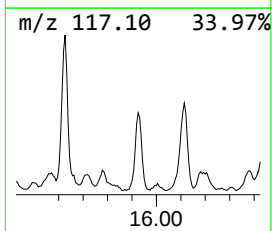
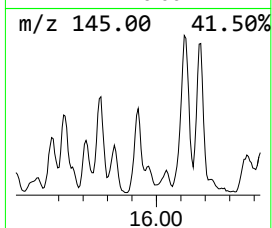
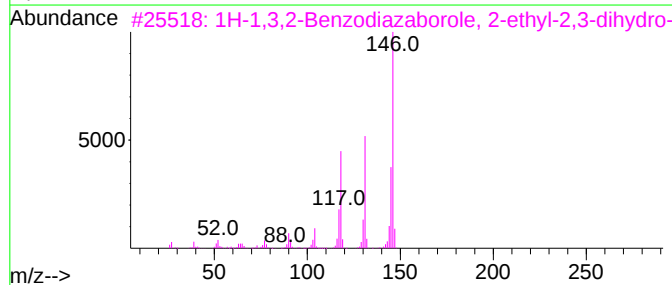
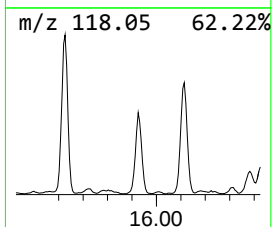
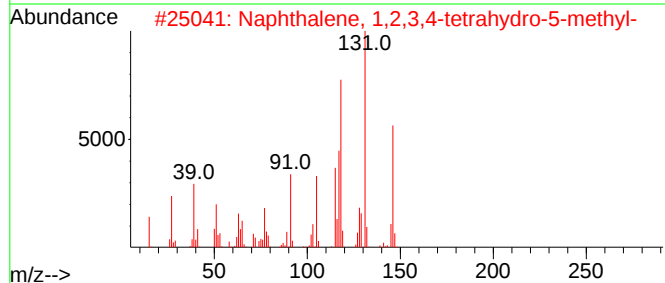
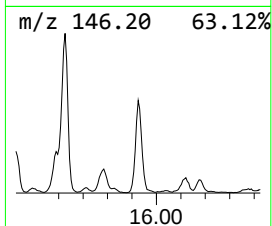
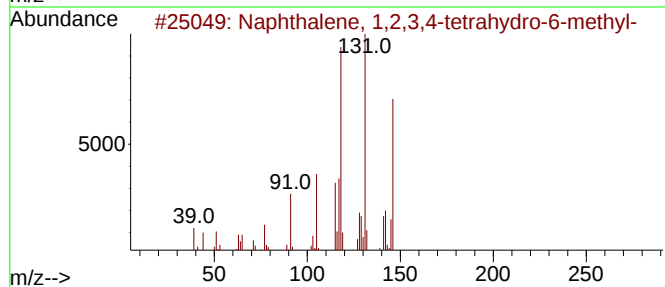
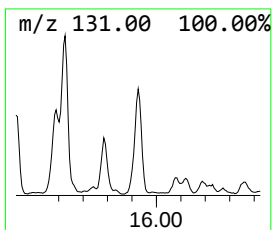
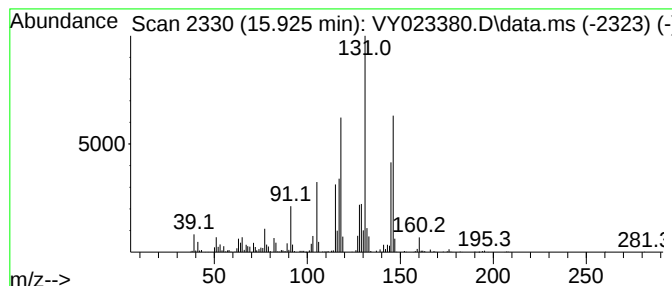
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.925	17.73 ug/l	1168880	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
4			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64
5			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023380.D
Acq On : 25 Sep 2025 17:40
Operator : SY/MD
Sample : Q3212-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-092525

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.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	13.669	42.6	ug/l	2807020	4	13.346	3295800	50.0
o-Cymene	14.249	16.9	ug/l	1117080	4	13.346	3295800	50.0
Dodecane	14.529	26.6	ug/l	1755550	4	13.346	3295800	50.0
Naphthalene, 1,...	14.749	18.0	ug/l	1185380	4	13.346	3295800	50.0
Naphthalene, 1,...	15.925	17.7	ug/l	1168880	4	13.346	3295800	50.0