

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023130.D
 Acq On : 15 Aug 2025 17:08
 Operator : SY/MD
 Sample : Q2844-06
 Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-25-0223

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\82Y081225S.M
 Title : SW846 8260

Signal : TIC: VY023130.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.330	96	100	106	rBV	26283	43153	1.29%	0.177%
2	2.489	118	126	129	rBV9	15041	44067	1.32%	0.181%
3	3.860	342	351	363	rBV	43145	117567	3.53%	0.483%
4	4.604	463	473	493	rVB2	29940	96684	2.90%	0.397%
5	5.634	628	642	657	rBV2	82123	265023	7.95%	1.089%
6	6.604	792	801	811	rBV4	14006	46144	1.38%	0.190%
7	6.890	836	848	857	rBV2	20500	62955	1.89%	0.259%
8	7.628	960	969	975	rBV	447526	1082762	32.48%	4.450%
9	7.707	975	982	995	rVB	709711	1632737	48.98%	6.710%
10	8.061	1029	1040	1053	rBV	407074	932925	27.99%	3.834%
11	8.317	1076	1082	1095	rVB3	13693	34158	1.02%	0.140%
12	8.475	1099	1108	1116	rBV2	17100	41675	1.25%	0.171%
13	8.609	1119	1130	1141	rBV	1220518	2377494	71.32%	9.771%
14	9.061	1199	1204	1210	rBV	19312	36853	1.11%	0.151%
15	9.182	1219	1224	1235	rVB2	20998	48013	1.44%	0.197%
16	9.445	1259	1267	1277	rVB3	15634	34196	1.03%	0.141%
17	10.103	1366	1375	1381	rBV	2005974	3333442	100.00%	13.699%
18	10.164	1381	1385	1398	rVV	286205	512965	15.39%	2.108%
19	10.414	1415	1426	1435	rVB4	23792	60513	1.82%	0.249%
20	10.761	1476	1483	1493	rBV	18994	35881	1.08%	0.147%
21	10.859	1493	1499	1508	rBV	87640	150741	4.52%	0.619%
22	11.414	1581	1590	1600	rBV	1748017	2888771	86.66%	11.872%
23	11.511	1601	1606	1616	rVV	102628	178001	5.34%	0.732%
24	11.621	1617	1624	1638	rVB	400627	746058	22.38%	3.066%
25	11.950	1671	1678	1687	rVB	243540	381261	11.44%	1.567%
26	12.127	1703	1707	1722	rVB2	40997	73275	2.20%	0.301%
27	12.249	1722	1727	1732	rVB	26902	39185	1.18%	0.161%
28	12.401	1745	1752	1763	rVB	1347381	2075270	62.26%	8.529%
29	12.590	1777	1783	1788	rVB	35317	56337	1.69%	0.232%
30	12.651	1788	1793	1796	rBV	145075	224731	6.74%	0.924%
31	12.688	1796	1799	1802	rVV	63944	98905	2.97%	0.406%
32	12.731	1802	1806	1816	rVV2	129506	206943	6.21%	0.850%
33	12.822	1818	1821	1826	rVV2	26720	42221	1.27%	0.174%
34	12.907	1827	1835	1843	rVB2	616015	1042003	31.26%	4.282%
35	13.035	1850	1856	1870	rVB	481423	740632	22.22%	3.044%
36	13.285	1893	1897	1900	rVB	40848	49415	1.48%	0.203%

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37	13.340	1900	1906	1921	rVB2	1648670	2687687	80.63%	11.046%
38	13.541	1935	1939	1942	rVV	109522	171079	5.13%	0.703%
39	13.578	1942	1945	1955	rVB2	63616	113184	3.40%	0.465%
40	13.798	1976	1981	1984	rVV	49567	85245	2.56%	0.350%
41	13.828	1984	1986	1990	rVV2	42563	58605	1.76%	0.241%
42	13.883	1990	1995	2001	rVB3	83669	132210	3.97%	0.543%
43	13.993	2009	2013	2019	rVB	52821	79482	2.38%	0.327%
44	14.090	2022	2029	2033	rBV	230953	380414	11.41%	1.563%
45	14.212	2043	2049	2052	rBV	76428	123932	3.72%	0.509%
46	14.249	2052	2055	2059	rVB	87936	119753	3.59%	0.492%
47	14.474	2088	2092	2097	rVV	53966	83366	2.50%	0.343%
48	14.596	2105	2112	2118	rBV3	103315	199369	5.98%	0.819%
49	15.139	2195	2201	2207	rVB	83783	137130	4.11%	0.564%
50	16.175	2365	2371	2377	rBV	23188	52108	1.56%	0.214%
51	16.364	2396	2402	2409	rBV2	16660	36352	1.09%	0.149%
52	16.614	2436	2443	2450	rBV10	15439	39850	1.20%	0.164%

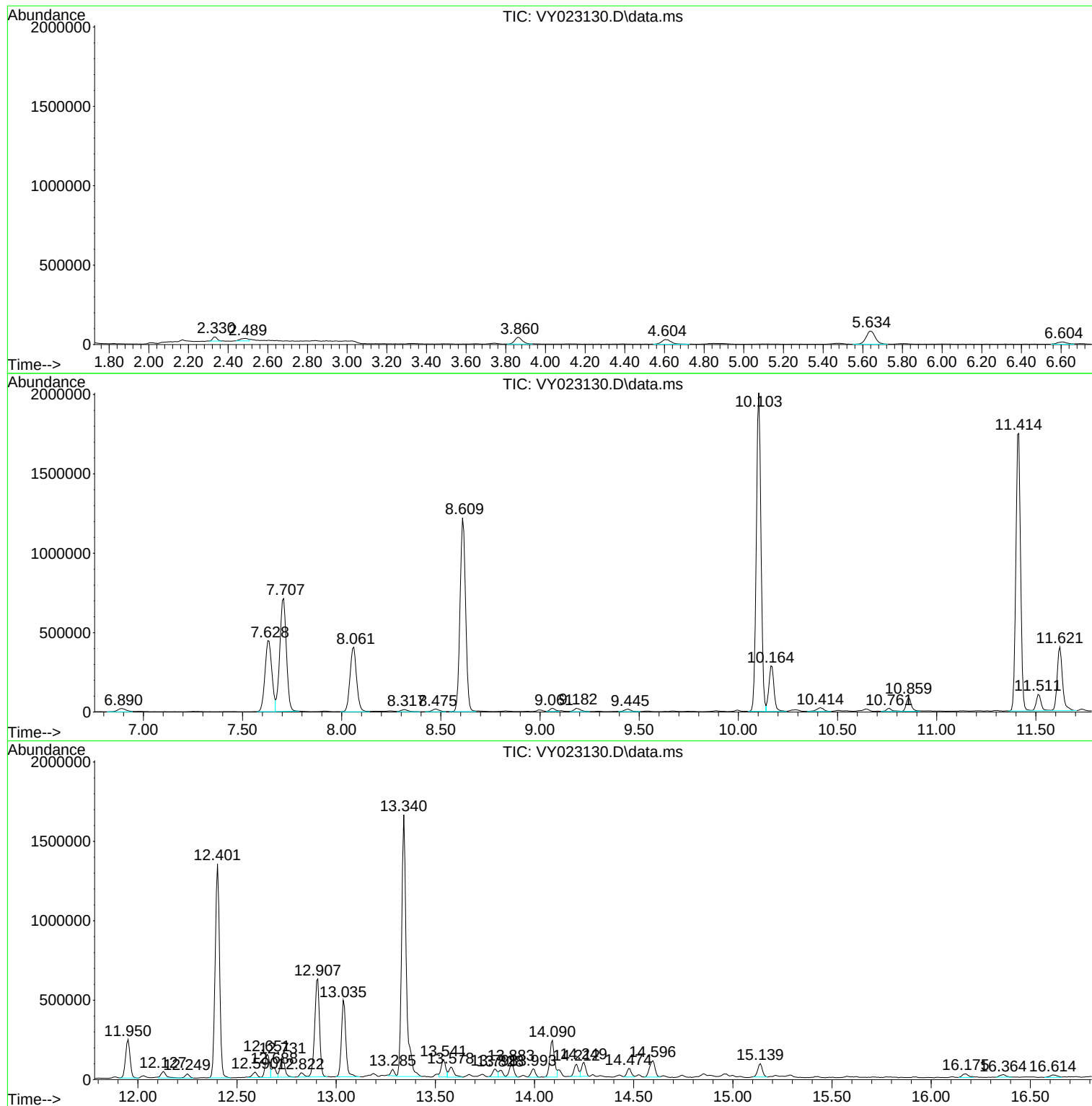
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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



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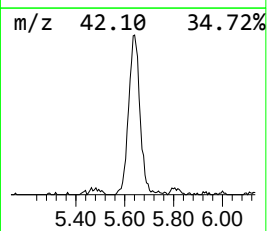
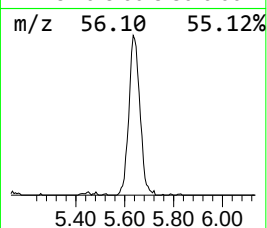
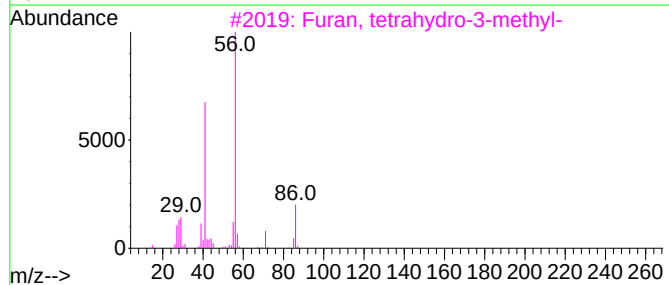
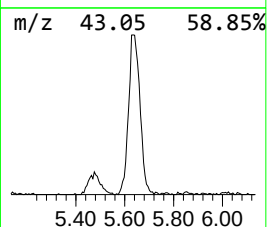
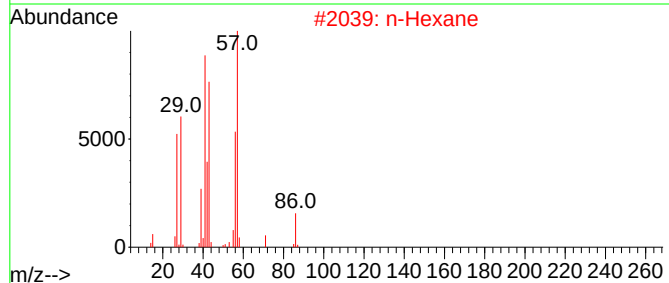
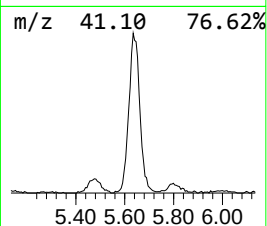
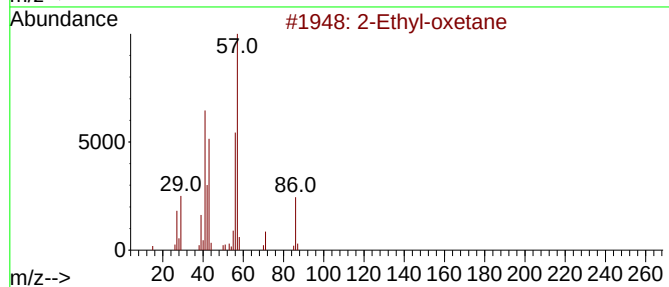
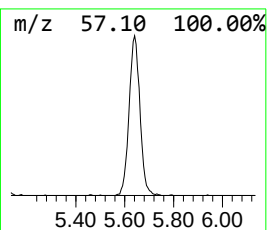
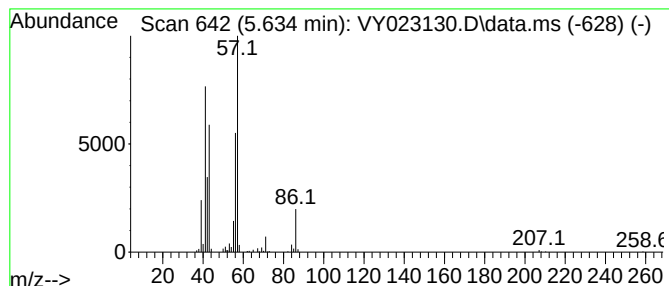
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.634	8.12 ug/l	265023	Pentafluorobenzene	7.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	74
2			n-Hexane	86	C6H14	000110-54-3	64
3			Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50
4			Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	38
5			2-(N-Morpholino)ethanesulfonic acid	195	C6H13NO4S	004432-31-9	38



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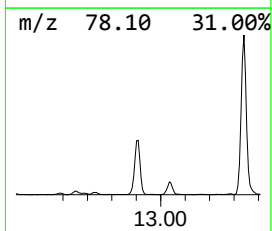
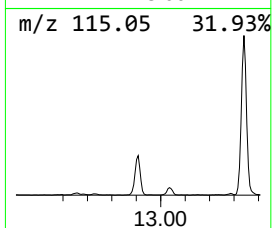
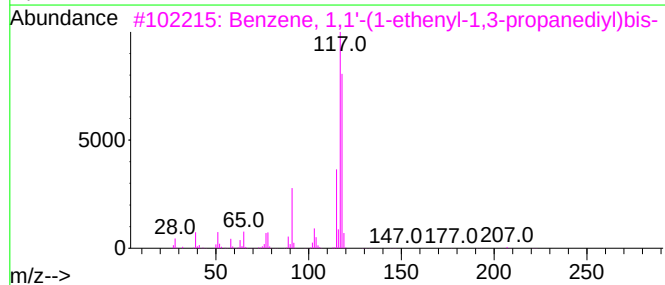
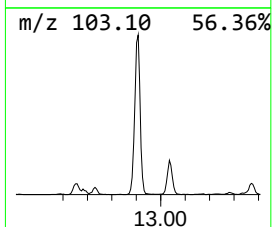
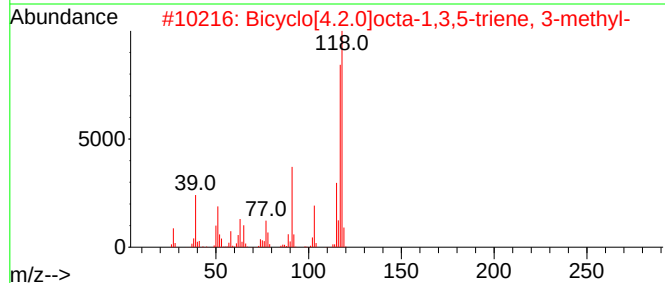
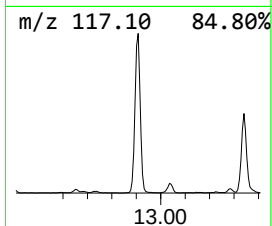
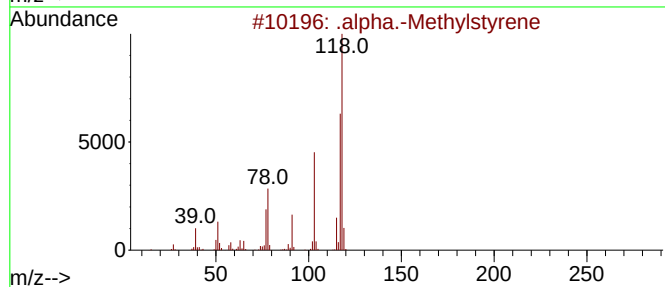
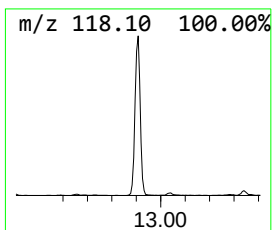
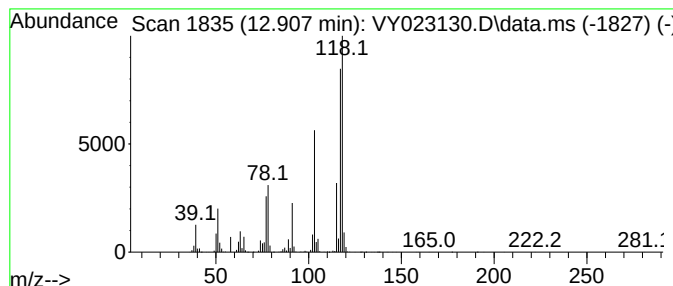
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Quant Title : SW846 8260

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

Peak Number 2 .alpha.-Methylstyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.907	19.38 ug/l	1042000	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Methylstyrene	118	C9H10	000098-83-9	97
2			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	58
3			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	55
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Ethyl-oxetane	5.634	8.1	ug/l	265023	1	7.707	1632740	50.0
.alpha.-Methyls...	12.907	19.4	ug/l	1042000	4	13.340	2687690	50.0