

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015165.D
 Acq On : 17 Aug 2023 12:31
 Operator : SY/MD
 Sample : 03958-01
 Misc : 6.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB02-Z106-107

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\82Y081423S.M

Title : SW846 8260

Signal : TIC: VY015165.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	16	rVB	52427	74827	7.02%	0.664%
2	2.217	59	65	75	rBV2	41200	87542	8.21%	0.777%
3	2.448	98	103	110	rVB5	6261	12537	1.18%	0.111%
4	2.686	134	142	147	rBV	10968	21449	2.01%	0.190%
5	3.156	212	219	226	rBV2	12507	26221	2.46%	0.233%
6	3.241	226	233	247	rVB4	10373	28465	2.67%	0.253%
7	3.430	257	264	273	rBV3	4280	10783	1.01%	0.096%
8	3.589	277	290	298	rVV7	3115	10773	1.01%	0.096%
9	3.948	340	349	364	rBV	18927	56226	5.27%	0.499%
10	4.186	379	388	397	rBV2	9422	26637	2.50%	0.236%
11	4.576	444	452	453	rBV2	7578	11724	1.10%	0.104%
12	4.704	463	473	486	rBV2	26026	81226	7.61%	0.721%
13	5.582	603	617	629	rBB4	10239	32656	3.06%	0.290%
14	5.747	632	644	657	rBV2	15177	47797	4.48%	0.424%
15	6.027	679	690	698	rBV4	3655	11448	1.07%	0.102%
16	6.984	839	847	860	rVB	16996	44459	4.17%	0.394%
17	7.527	927	936	944	rBV3	6877	16109	1.51%	0.143%
18	7.716	958	967	972	rBV	104455	246506	23.11%	2.187%
19	7.783	972	978	991	rVB	173325	395482	37.08%	3.508%
20	8.149	1028	1038	1050	rVB3	180609	494073	46.32%	4.383%
21	8.289	1054	1061	1068	rVB2	9604	20801	1.95%	0.185%
22	8.429	1072	1084	1094	rVB5	20559	44992	4.22%	0.399%
23	8.545	1094	1103	1115	rBV2	25280	57514	5.39%	0.510%
24	8.685	1118	1126	1133	rBV	276562	555067	52.04%	4.924%
25	8.947	1163	1169	1175	rBV4	5522	10693	1.00%	0.095%
26	9.136	1193	1200	1213	rBV	12909	30104	2.82%	0.267%
27	10.057	1345	1351	1358	rVB3	9647	18749	1.76%	0.166%
28	10.179	1363	1371	1376	rBV	448488	758011	71.06%	6.725%
29	10.240	1376	1381	1387	rVV	497828	862928	80.90%	7.655%
30	10.289	1387	1389	1395	rVV	30499	44646	4.19%	0.396%
31	10.368	1395	1402	1409	rVB	35844	67534	6.33%	0.599%
32	10.490	1417	1422	1430	rVB4	15340	26651	2.50%	0.236%
33	10.642	1443	1447	1452	rVB3	9360	14168	1.33%	0.126%
34	10.721	1452	1460	1466	rBV2	7758	12721	1.19%	0.113%
35	10.837	1469	1479	1484	rBV	23301	41302	3.87%	0.366%
36	11.490	1579	1586	1594	rBV	446289	727503	68.20%	6.454%

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37	11.593	1597	1603	1609	rVV	97404	154884	14.52%	1.374%
38	11.660	1609	1614	1616	rVV2	26731	43705	4.10%	0.388%
39	11.703	1616	1621	1632	rVV2	84023	178977	16.78%	1.588%
40	11.794	1632	1636	1642	rVV2	14118	19392	1.82%	0.172%
41	11.922	1649	1657	1664	rVB3	9486	18508	1.74%	0.164%
42	12.032	1664	1675	1682	rBV3	90451	178414	16.73%	1.583%
43	12.105	1682	1687	1698	rVB	55291	93522	8.77%	0.830%
44	12.245	1705	1710	1714	rVB4	7616	11965	1.12%	0.106%
45	12.380	1728	1732	1736	rBV2	7743	11475	1.08%	0.102%
46	12.483	1741	1749	1759	rVV	368577	595145	55.80%	5.280%
47	12.672	1775	1780	1785	rBV	32002	52424	4.91%	0.465%
48	12.733	1785	1790	1792	rVV	35198	53131	4.98%	0.471%
49	12.764	1792	1795	1798	rVV3	44190	71781	6.73%	0.637%
50	12.806	1798	1802	1808	rVV3	36584	66802	6.26%	0.593%
51	12.867	1808	1812	1818	rVV5	11989	20766	1.95%	0.184%
52	12.971	1820	1829	1838	rVB	46073	96471	9.04%	0.856%
53	13.093	1844	1849	1850	rBV3	17152	25080	2.35%	0.222%
54	13.123	1850	1854	1856	rVV	36495	54989	5.16%	0.488%
55	13.166	1856	1861	1868	rVB	760588	1066658	100.00%	9.463%
56	13.318	1881	1886	1892	rBV5	10087	21334	2.00%	0.189%
57	13.422	1895	1903	1912	rVB	480680	777843	72.92%	6.901%
58	13.587	1925	1930	1931	rBV3	11719	16784	1.57%	0.149%
59	13.623	1931	1936	1940	rVV2	77901	127087	11.91%	1.127%
60	13.666	1940	1943	1945	rVV3	17924	27735	2.60%	0.246%
61	13.696	1945	1948	1954	rVV	40710	72422	6.79%	0.642%
62	13.751	1954	1957	1961	rVB3	17302	22897	2.15%	0.203%
63	13.806	1961	1966	1973	rVB2	89282	161922	15.18%	1.436%
64	13.892	1973	1980	1981	rBV5	12275	20126	1.89%	0.179%
65	13.971	1988	1993	1997	rVB2	23760	36989	3.47%	0.328%
66	14.026	1997	2002	2007	rBV3	39391	59280	5.56%	0.526%
67	14.081	2007	2011	2018	rVV	40561	66385	6.22%	0.589%
68	14.276	2036	2043	2047	rBV9	12263	28742	2.69%	0.255%
69	14.379	2056	2060	2065	rVB5	9182	14776	1.39%	0.131%
70	14.587	2086	2094	2101	rVB4	57889	145676	13.66%	1.292%
71	14.690	2102	2111	2116	rBV4	57850	138534	12.99%	1.229%
72	14.751	2116	2121	2128	rVB4	34761	61220	5.74%	0.543%
73	14.830	2129	2134	2139	rBV	44248	74586	6.99%	0.662%
74	14.940	2147	2152	2156	rVB5	14931	25326	2.37%	0.225%
75	15.056	2167	2171	2175	rVB2	15387	25730	2.41%	0.228%
76	15.233	2193	2200	2207	rVB	368975	610702	57.25%	5.418%

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77	15.342	2211	2218	2223	rVV4	35749	91125	8.54%	0.808%
78	15.391	2223	2226	2230	rVV2	15387	28134	2.64%	0.250%
79	15.458	2233	2237	2242	rVB	27644	43688	4.10%	0.388%
80	15.544	2242	2251	2256	rBV2	23257	54263	5.09%	0.481%
81	15.684	2267	2274	2276	rBV6	5817	12752	1.20%	0.113%
82	15.720	2276	2280	2284	rVB6	8419	14360	1.35%	0.127%
83	15.885	2304	2307	2315	rVB3	12704	26305	2.47%	0.233%
84	16.031	2326	2331	2337	rBV6	8812	18259	1.71%	0.162%
85	16.226	2351	2363	2367	rBV7	11134	38357	3.60%	0.340%
86	16.287	2367	2373	2386	rVB	156028	316582	29.68%	2.809%
87	16.489	2399	2406	2417	rVB2	109691	247809	23.23%	2.198%

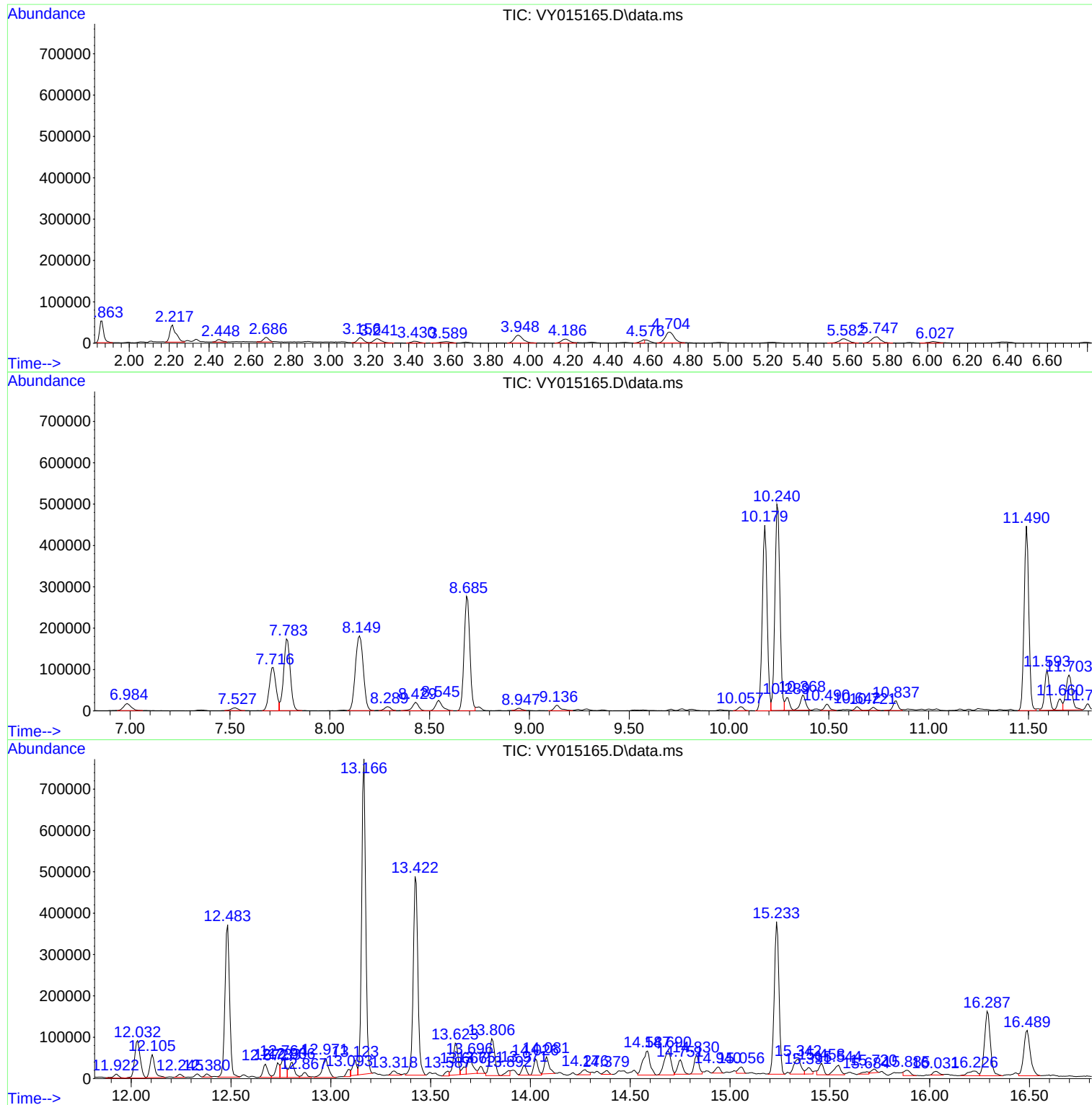
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



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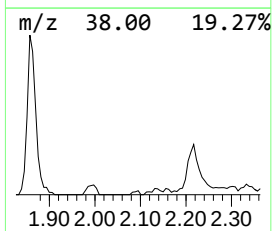
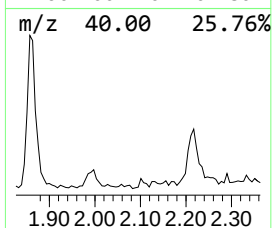
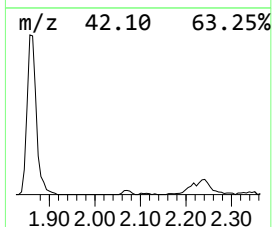
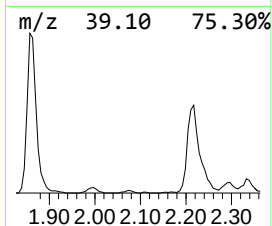
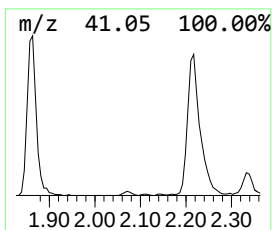
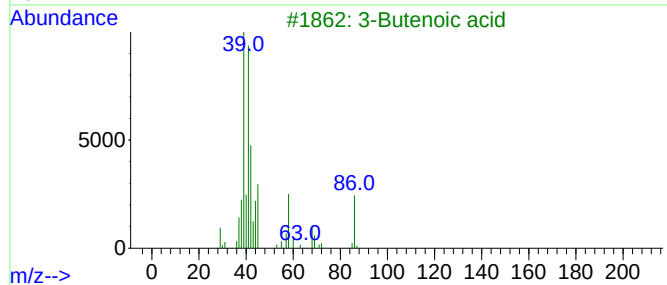
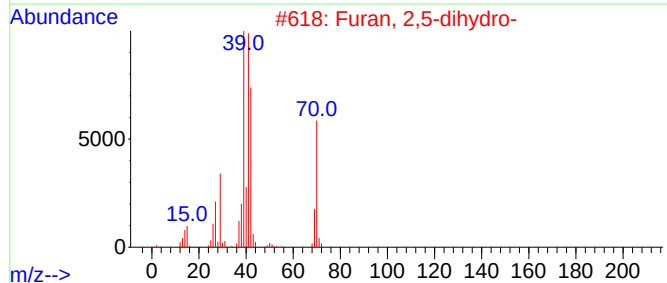
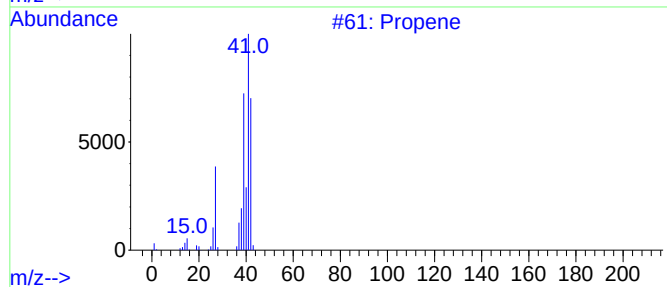
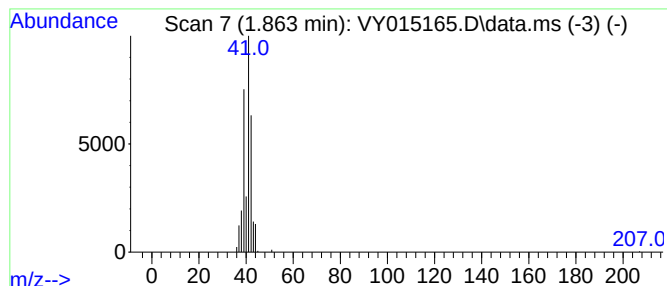
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 1 Propene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.863	9.46 ug/l	74827	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3			3-Butenoic acid	86	C4H6O2	000625-38-7	78
4			Pyrimidin-4(3H)-one, 3-amino-2,6...	139	C6H9N3O	093098-74-9	78
5			2-Butenal, (E)-	70	C4H6O	000123-73-9	78



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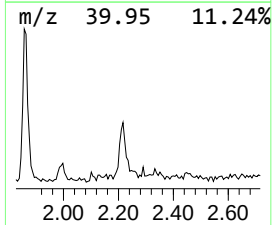
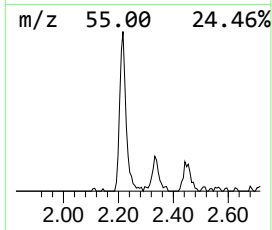
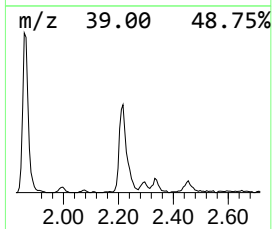
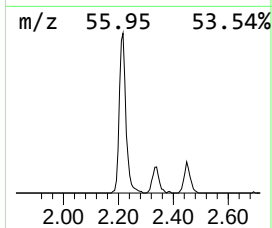
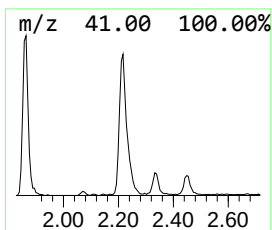
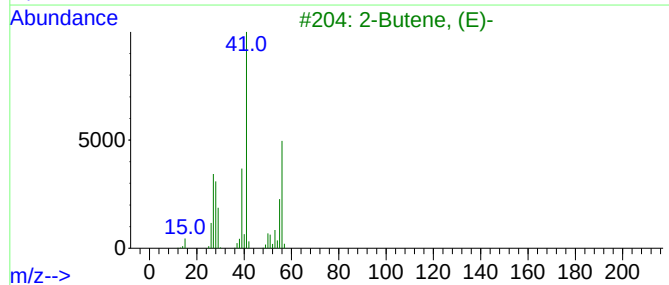
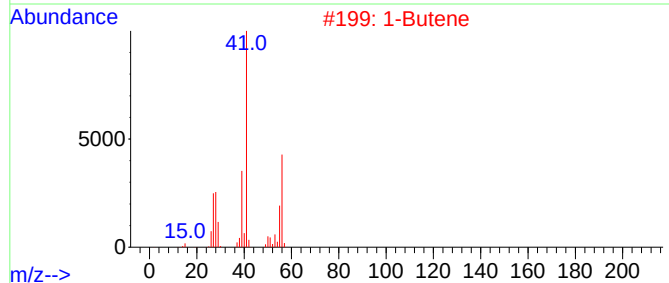
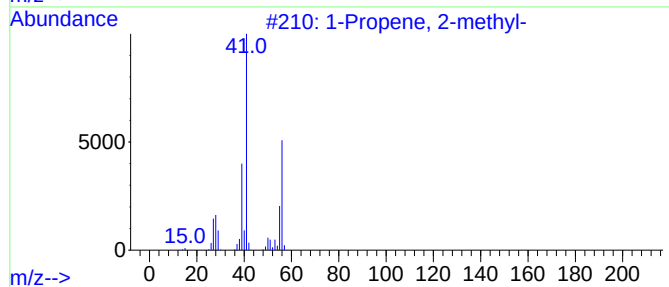
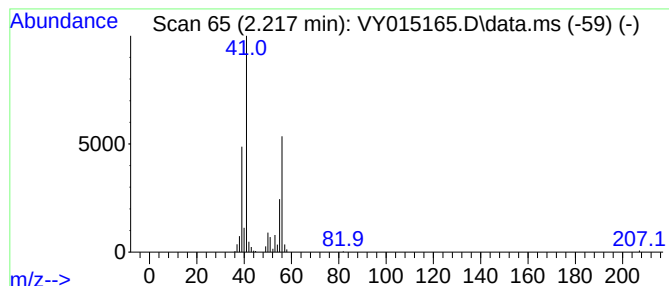
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Propene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.217	11.07 ug/l	87542	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-			56	C4H8	000115-11-7	91
2	1-Butene			56	C4H8	000106-98-9	91
3	2-Butene, (E)-			56	C4H8	000624-64-6	86
4	2-Butene, (Z)-			56	C4H8	000590-18-1	86
5	2-Butene			56	C4H8	000107-01-7	72



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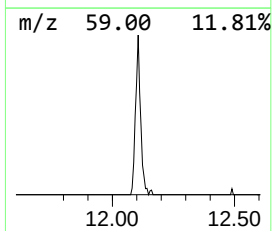
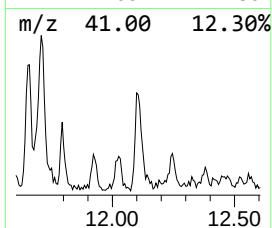
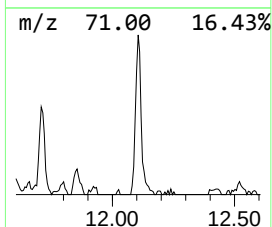
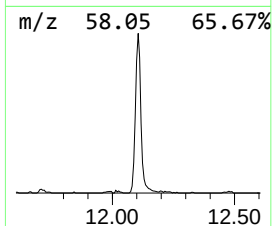
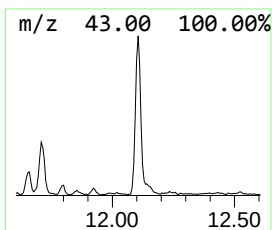
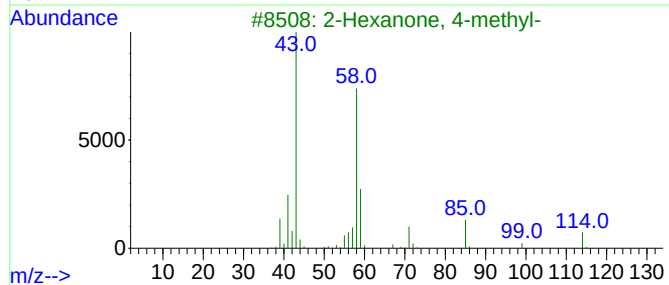
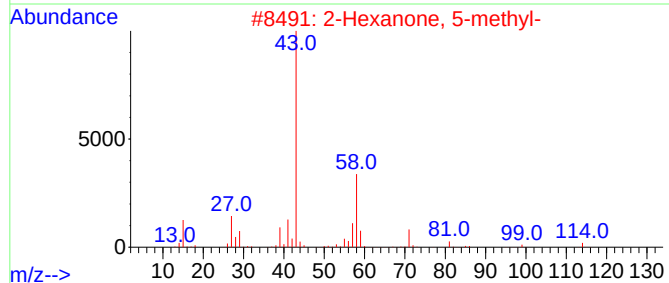
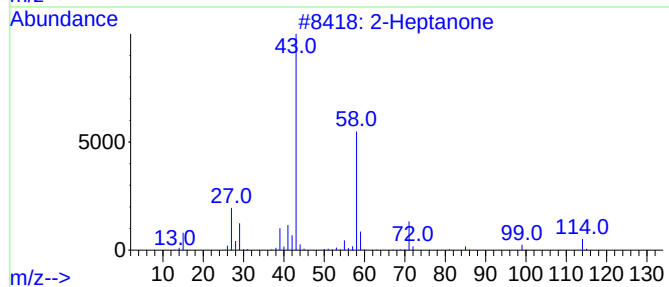
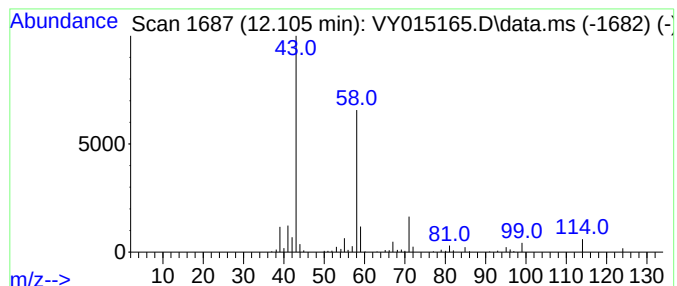
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Quant Title : SW846 8260

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

Peak Number 3 2-Heptanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.105	6.43 ug/l	93522	Chlorobenzene-d5	11.490

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone		114	C7H14O	000110-43-0	90
2	2-Hexanone, 5-methyl-		114	C7H14O	000110-12-3	78
3	2-Hexanone, 4-methyl-		114	C7H14O	000105-42-0	59
4	Pentanal, 2-methyl-		100	C6H12O	000123-15-9	53
5	2-Pentanone, 4,4-dimethyl-		114	C7H14O	000590-50-1	47



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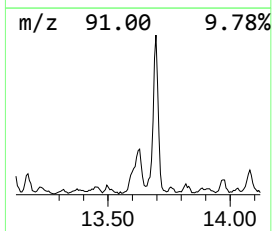
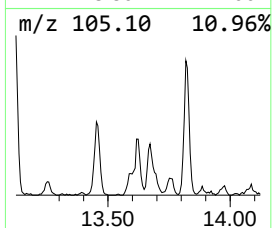
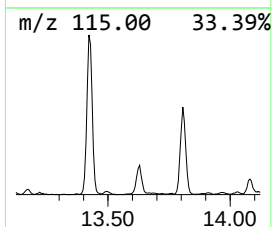
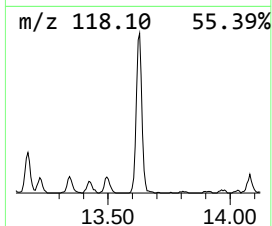
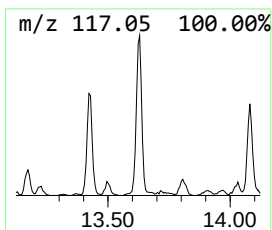
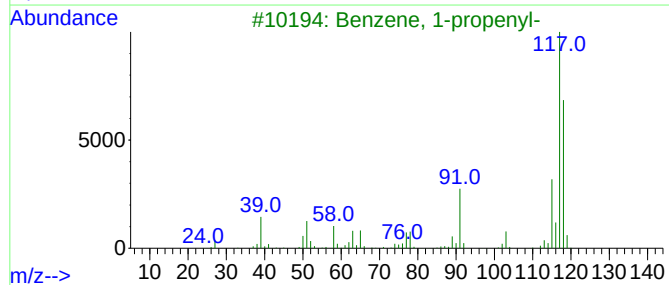
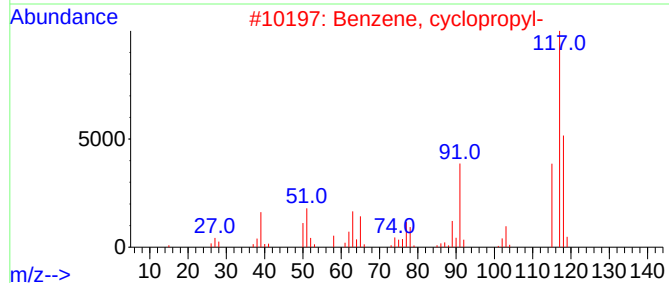
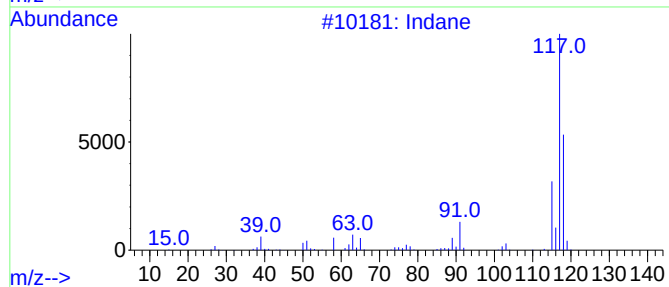
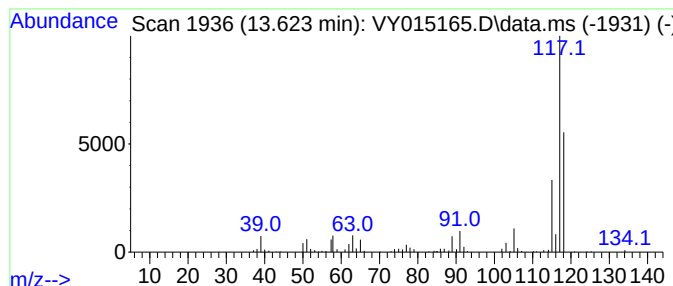
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Quant Title : SW846 8260

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

Peak Number 4 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	8.17 ug/l	127087	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015165.D
Acq On : 17 Aug 2023 12:31
Operator : SY/MD
Sample : 03958-01
Misc : 6.69g/5.0mL/MSVOA_Y/soil
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z106-107

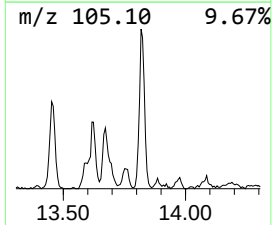
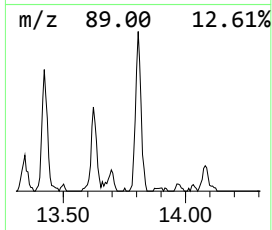
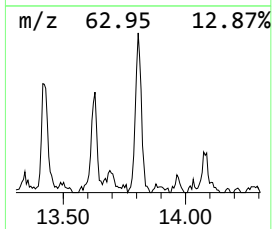
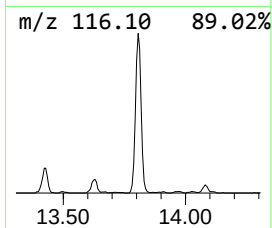
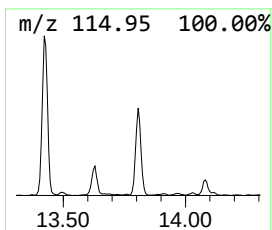
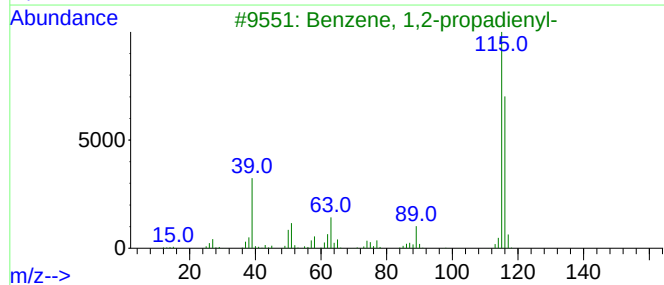
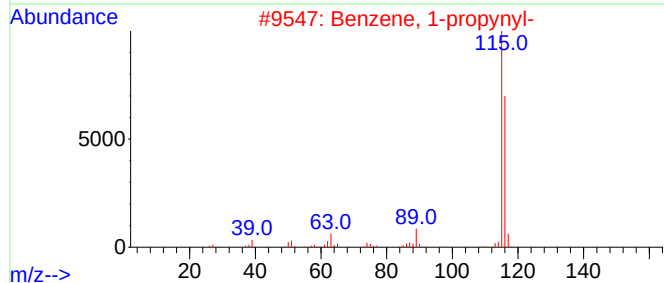
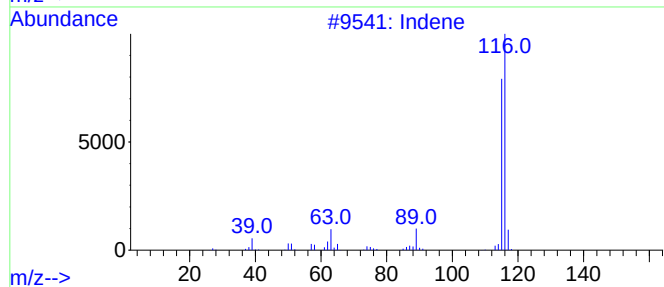
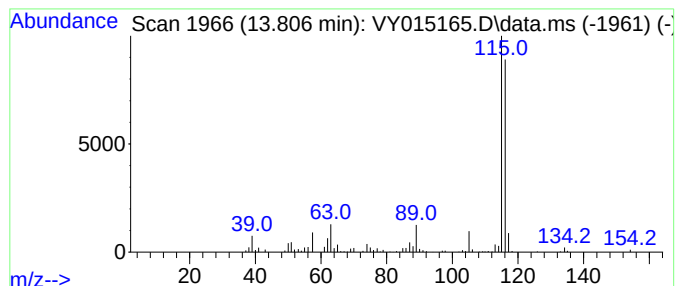
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Quant Title : SW846 8260

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

Peak Number 5 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	10.41 ug/l	161922	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	95
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	90
5			1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015165.D
Acq On : 17 Aug 2023 12:31
Operator : SY/MD
Sample : 03958-01
Misc : 6.69g/5.0mL/MSVOA_Y/soil
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z106-107

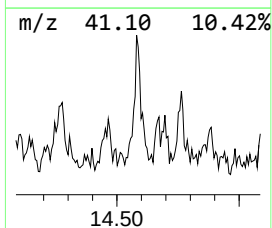
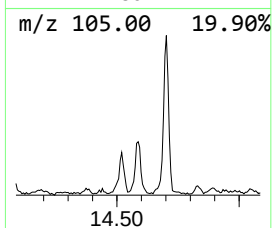
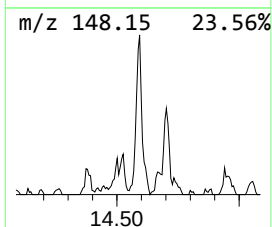
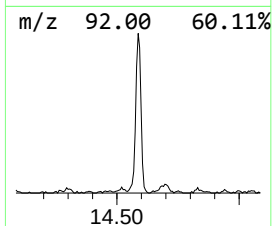
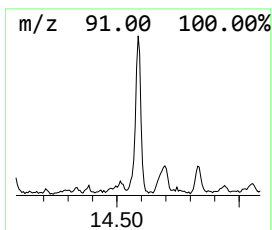
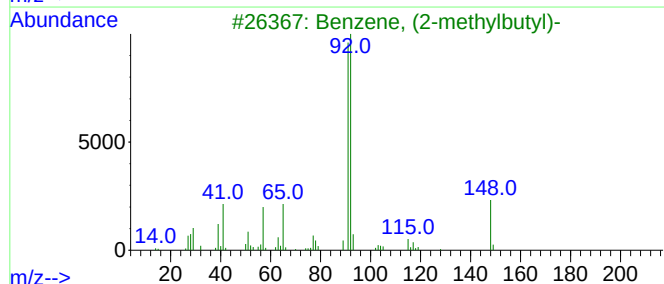
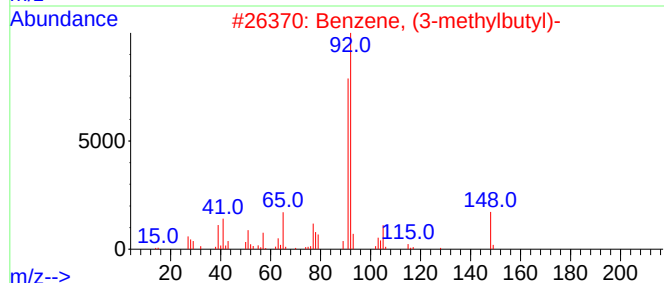
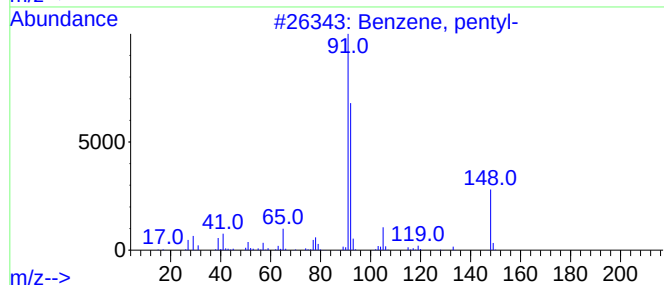
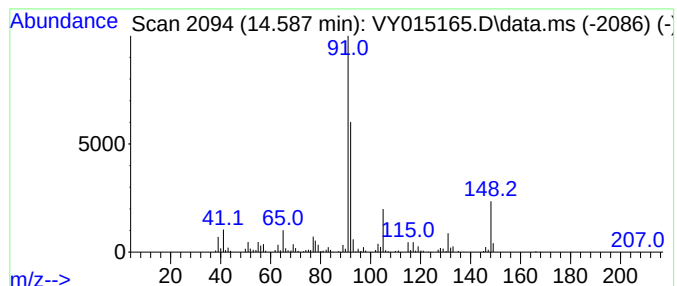
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, pentyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.586	9.36 ug/l	145676	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentyl-	148	C11H16	000538-68-1	76
2			Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	70
3			Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	58
4			Toluene	92	C7H8	000108-88-3	43
5			1,2-Dimethyl-3-phenyldiaziridine	148	C9H12N2	051456-63-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015165.D
Acq On : 17 Aug 2023 12:31
Operator : SY/MD
Sample : 03958-01
Misc : 6.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z106-107

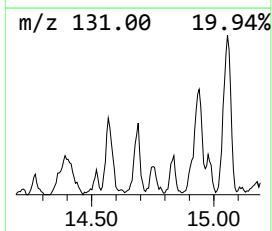
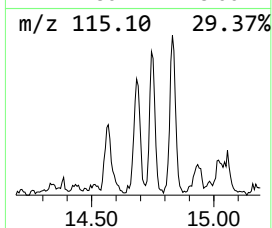
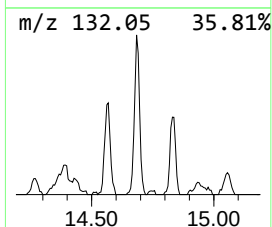
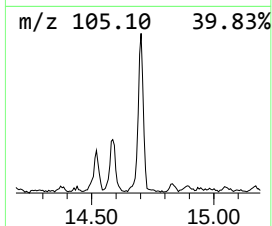
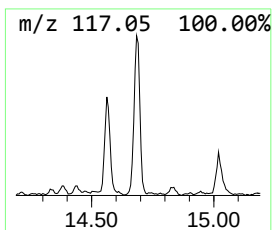
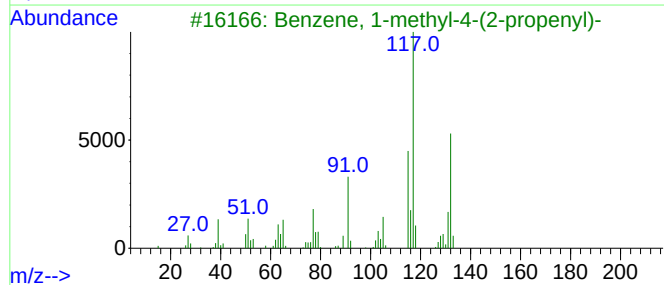
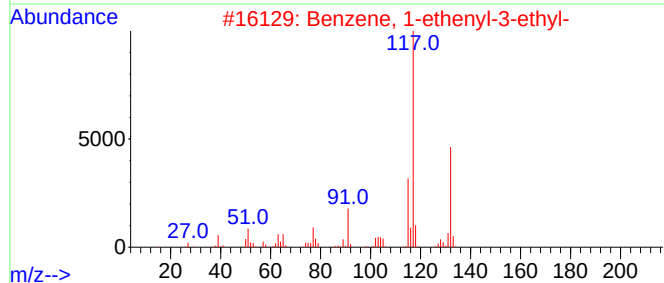
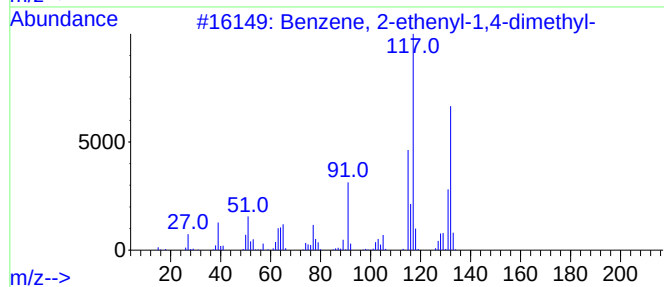
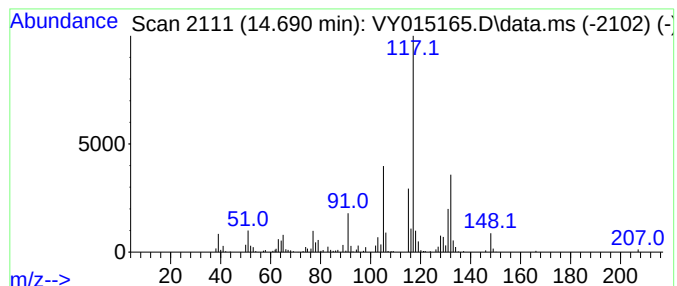
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	8.91 ug/l	138534	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015165.D
Acq On : 17 Aug 2023 12:31
Operator : SY/MD
Sample : 03958-01
Misc : 6.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB02-Z106-107

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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
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1-Propene, 2-me...	2.217	11.1	ug/l	87542	1	7.789	395482	50.0
2-Heptanone	12.105	6.4	ug/l	93522	3	11.490	727503	50.0
Indane	13.623	8.2	ug/l	127087	4	13.428	777843	50.0
Indene	13.806	10.4	ug/l	161922	4	13.428	777843	50.0
Benzene, pentyl-	14.586	9.4	ug/l	145676	4	13.428	777843	50.0
Benzene, 2-ethe...	14.690	8.9	ug/l	138534	4	13.428	777843	50.0