

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017753.D
 Acq On : 25 Mar 2024 15:52
 Operator : SY/MD
 Sample : P1861-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-03252024

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\82Y032224S.M
 Title : SW846 8260

Signal : TIC: VY017753.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.119	45	49	50	rVV	473	549	1.72%	0.195%
2	2.137	50	52	55	rVV2	415	430	1.35%	0.153%
3	2.180	55	59	62	rVV2	383	641	2.01%	0.228%
4	2.278	73	75	77	rBV2	447	350	1.10%	0.124%
5	2.345	84	86	88	rBV2	383	361	1.13%	0.128%
6	2.430	98	100	101	rVB	571	335	1.05%	0.119%
7	2.448	101	103	105	rVV2	468	625	1.96%	0.222%
8	2.485	107	109	115	rVB4	921	1672	5.23%	0.593%
9	2.649	133	136	137	rBV2	409	400	1.25%	0.142%
10	3.198	224	226	230	rVB2	276	347	1.09%	0.123%
11	3.247	232	234	239	rBV2	287	496	1.55%	0.176%
12	4.710	470	474	475	rBV3	725	943	2.95%	0.335%
13	4.722	475	476	485	rVB3	708	1239	3.88%	0.440%
14	5.759	637	646	651	rVB5	911	2081	6.52%	0.739%
15	6.594	778	783	786	rBV2	269	479	1.50%	0.170%
16	6.960	841	843	847	rBV3	306	476	1.49%	0.169%
17	7.508	931	933	937	rVB2	330	408	1.28%	0.145%
18	7.722	961	968	974	rBV2	4338	9873	30.91%	3.504%
19	7.795	974	980	987	rVB2	11425	23419	73.32%	8.313%
20	8.148	1030	1038	1045	rBV	3868	7975	24.97%	2.831%
21	8.697	1120	1128	1136	rBV3	13003	26938	84.34%	9.562%
22	9.648	1279	1284	1285	rBV2	254	446	1.40%	0.158%
23	10.191	1364	1373	1380	rBV	17810	31939	100.00%	11.337%
24	10.252	1382	1383	1387	rVB3	320	326	1.02%	0.116%
25	10.593	1432	1439	1442	rVV2	269	605	1.89%	0.215%
26	10.849	1475	1481	1482	rBV2	219	349	1.09%	0.124%
27	11.282	1549	1552	1554	rBV2	487	585	1.83%	0.208%
28	11.501	1582	1588	1596	rBV	13501	23471	73.49%	8.331%
29	11.605	1602	1605	1610	rVB2	444	575	1.80%	0.204%
30	11.715	1616	1623	1630	rBV5	2763	5066	15.86%	1.798%
31	11.788	1632	1635	1637	rVV	378	497	1.56%	0.176%
32	11.825	1637	1641	1644	rVB2	304	371	1.16%	0.132%
33	12.020	1670	1673	1674	rVV2	565	697	2.18%	0.247%
34	12.038	1674	1676	1682	rVV3	782	1127	3.53%	0.400%
35	12.136	1687	1692	1694	rBV3	652	989	3.10%	0.351%
36	12.215	1702	1705	1707	rBV2	309	451	1.41%	0.160%

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37	12.251	1707	1711	1719	rVB5	1090	2431	7.61%	0.863%
38	12.355	1719	1728	1730	rBV3	318	654	2.05%	0.232%
39	12.398	1730	1735	1736	rVV2	749	887	2.78%	0.315%
40	12.422	1736	1739	1741	rVV4	1045	1575	4.93%	0.559%
41	12.440	1741	1742	1746	rVV3	1051	1298	4.06%	0.461%
42	12.495	1746	1751	1755	rVV2	7193	10982	34.38%	3.898%
43	12.526	1755	1756	1761	rVB5	1230	1602	5.02%	0.569%
44	12.587	1761	1766	1769	rBV2	260	504	1.58%	0.179%
45	12.617	1769	1771	1774	rBV3	295	402	1.26%	0.143%
46	12.684	1776	1782	1786	rVB3	522	1303	4.08%	0.463%
47	12.745	1786	1792	1795	rBV4	2103	3494	10.94%	1.240%
48	12.812	1795	1803	1808	rVV3	8283	14346	44.92%	5.092%
49	12.873	1808	1813	1816	rVB4	794	1335	4.18%	0.474%
50	12.965	1822	1828	1829	rBV4	879	1428	4.47%	0.507%
51	12.989	1829	1832	1835	rVV5	871	1329	4.16%	0.472%
52	13.020	1835	1837	1838	rVV2	683	724	2.27%	0.257%
53	13.050	1838	1842	1850	rVB3	2687	4411	13.81%	1.566%
54	13.129	1850	1855	1859	rBV4	3228	5081	15.91%	1.804%
55	13.233	1868	1872	1873	rBV3	570	772	2.42%	0.274%
56	13.324	1882	1887	1892	rBV6	1957	3625	11.35%	1.287%
57	13.373	1892	1895	1898	rVV3	1461	1651	5.17%	0.586%
58	13.434	1900	1905	1914	rVB3	8324	14651	45.87%	5.200%
59	13.507	1914	1917	1921	rBV4	1362	1941	6.08%	0.689%
60	13.562	1921	1926	1930	rVB6	913	1365	4.27%	0.485%
61	13.623	1930	1936	1941	rBV6	2030	3787	11.86%	1.344%
62	13.678	1941	1945	1947	rBV4	899	1243	3.89%	0.441%
63	13.757	1953	1958	1963	rBV4	7315	11181	35.01%	3.969%
64	13.794	1963	1964	1965	rVV	1181	739	2.31%	0.262%
65	13.836	1969	1971	1976	rVB5	1226	2040	6.39%	0.724%
66	13.891	1976	1980	1981	rBV3	528	772	2.42%	0.274%
67	13.928	1981	1986	1987	rVV5	1312	1886	5.91%	0.669%
68	13.977	1990	1994	1997	rVB3	1351	1867	5.85%	0.663%
69	14.025	2000	2002	2005	rVB2	712	679	2.13%	0.241%
70	14.086	2008	2012	2017	rVB4	1911	2865	8.97%	1.017%
71	14.147	2017	2022	2023	rBV2	475	749	2.35%	0.266%
72	14.202	2028	2031	2034	rBV5	958	1024	3.21%	0.363%
73	14.263	2034	2041	2046	rBV6	2811	5625	17.61%	1.997%
74	14.342	2052	2054	2056	rVB2	438	440	1.38%	0.156%
75	14.385	2060	2061	2064	rVV3	544	394	1.23%	0.140%
76	14.428	2064	2068	2073	rVB3	1501	2339	7.32%	0.830%

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77	14.489	2073	2078	2083	rBV4	1151	2112	6.61%	0.750%
78	14.574	2088	2092	2094	rBV3	358	575	1.80%	0.204%
79	14.623	2094	2100	2103	rVB6	1194	1786	5.59%	0.634%
80	14.696	2106	2112	2115	rBV2	1947	3210	10.05%	1.139%
81	14.739	2115	2119	2124	rVB3	836	1173	3.67%	0.416%
82	14.836	2130	2135	2141	rBV6	908	1814	5.68%	0.644%
83	14.946	2150	2153	2157	rVB4	544	680	2.13%	0.241%
84	14.995	2157	2161	2162	rBV2	365	394	1.23%	0.140%
85	15.074	2171	2174	2177	rVB2	356	447	1.40%	0.159%
86	15.141	2184	2185	2190	rVB3	296	439	1.37%	0.156%
87	15.190	2192	2193	2196	rBV2	430	413	1.29%	0.147%
88	15.367	2220	2222	2225	rBV2	233	354	1.11%	0.126%
89	15.422	2228	2231	2234	rVB3	364	549	1.72%	0.195%
90	15.452	2234	2236	2239	rBV2	517	689	2.16%	0.245%
91	15.678	2271	2273	2277	rBV3	257	368	1.15%	0.131%
92	15.897	2306	2309	2310	rBV2	498	473	1.48%	0.168%
93	15.928	2310	2314	2317	rVB3	299	400	1.25%	0.142%
94	16.165	2350	2353	2355	rVB2	480	517	1.62%	0.184%
95	16.196	2355	2358	2359	rBV3	469	486	1.52%	0.173%
96	16.226	2362	2363	2366	rVB2	385	343	1.07%	0.122%
97	16.373	2384	2387	2388	rVB2	372	338	1.06%	0.120%
98	16.391	2388	2390	2393	rBV3	306	363	1.14%	0.129%
99	16.586	2420	2422	2424	rBV2	375	463	1.45%	0.164%
100	16.726	2444	2445	2447	rBV	638	386	1.21%	0.137%

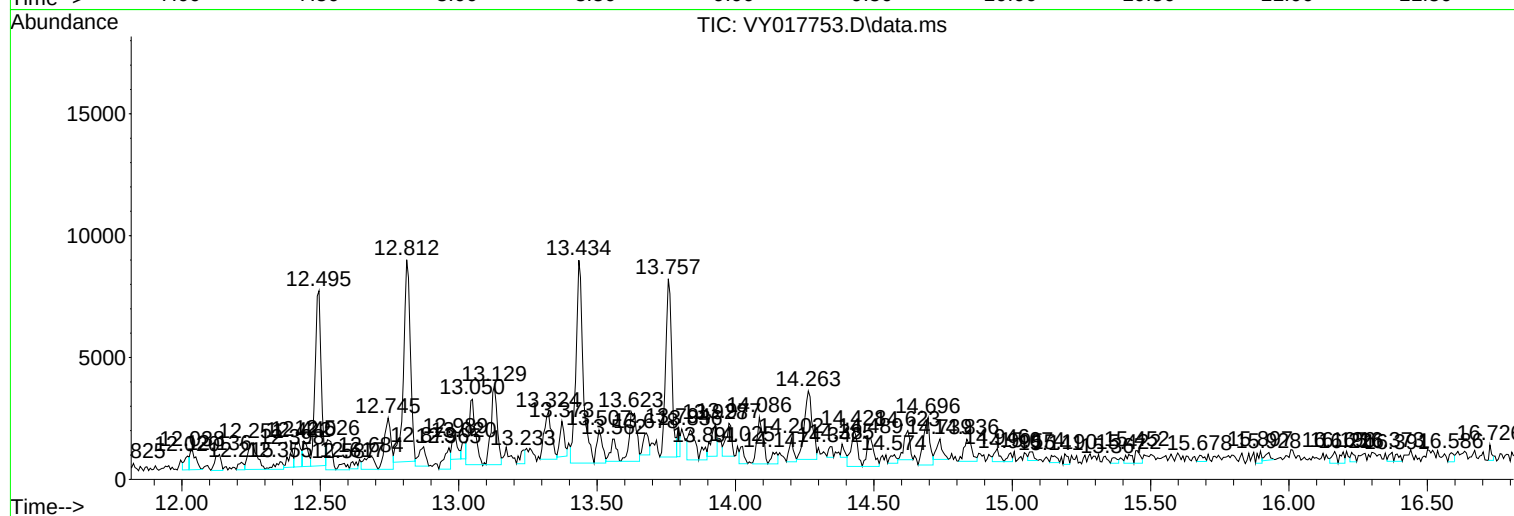
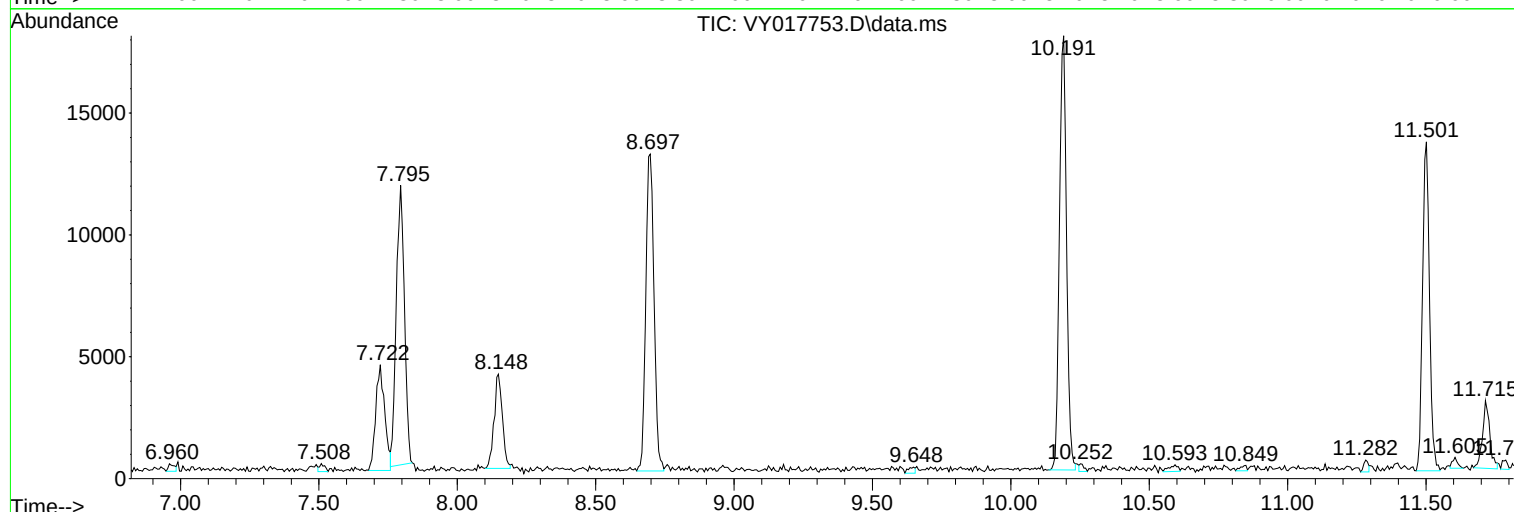
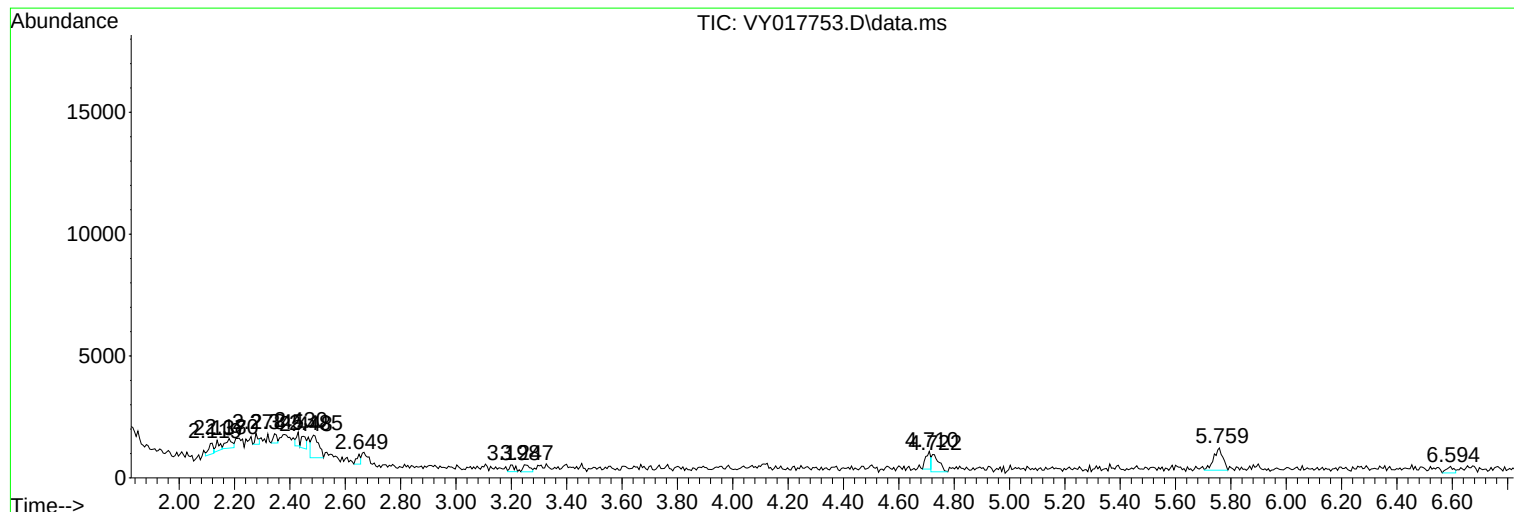
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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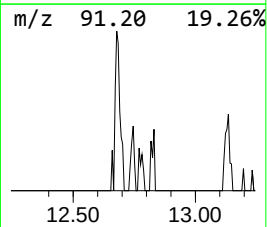
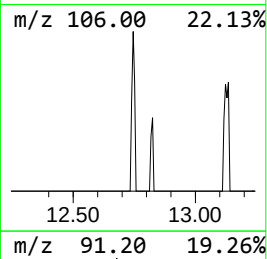
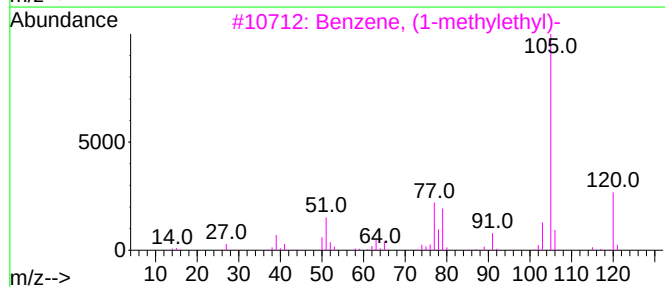
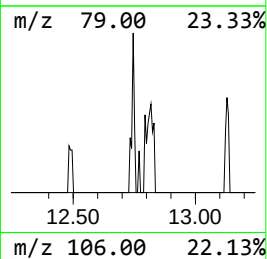
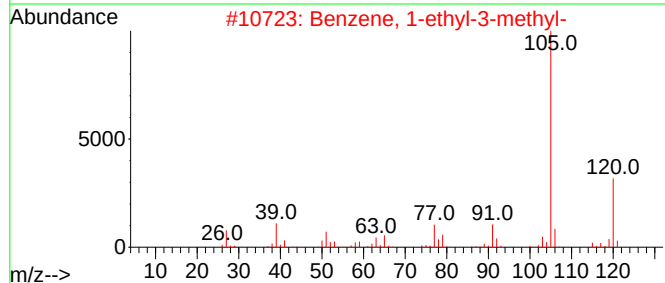
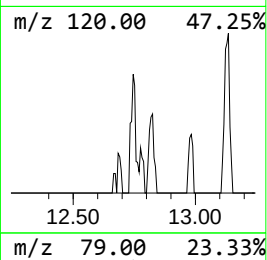
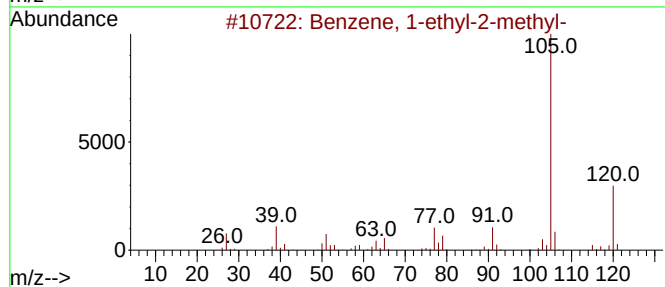
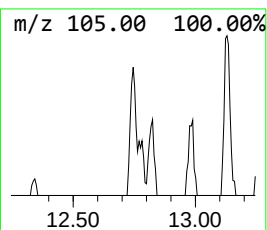
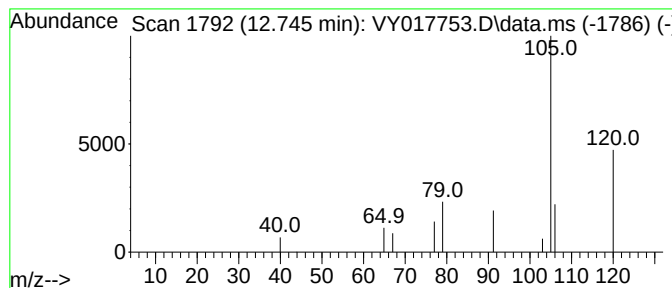
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	11.92 ug/l	3494	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	59
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	59
3			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	9
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	9
5			2,4-Heptadien-6-ynal, (E,E)-	106	C7H6O	007200-04-6	7



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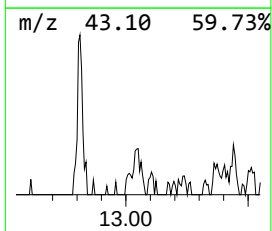
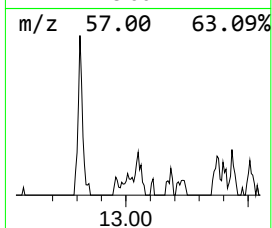
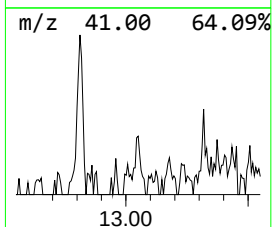
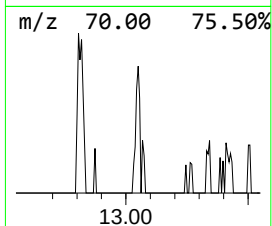
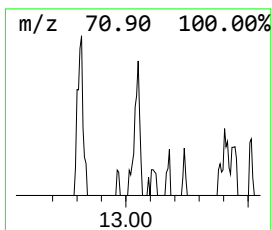
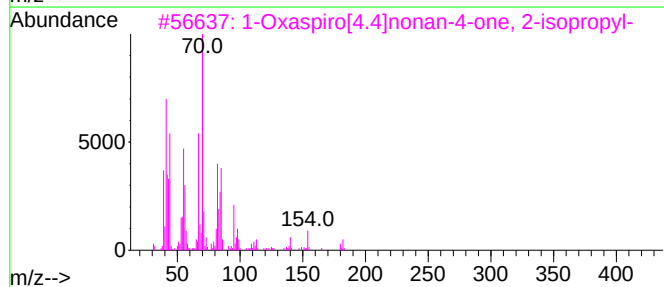
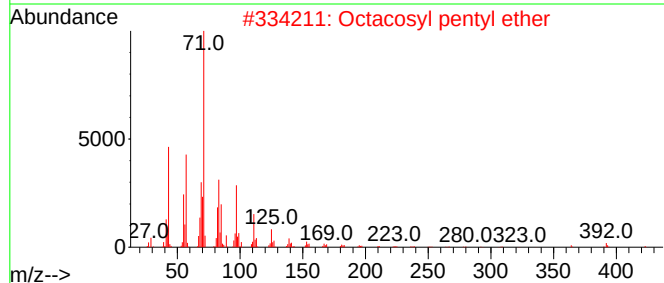
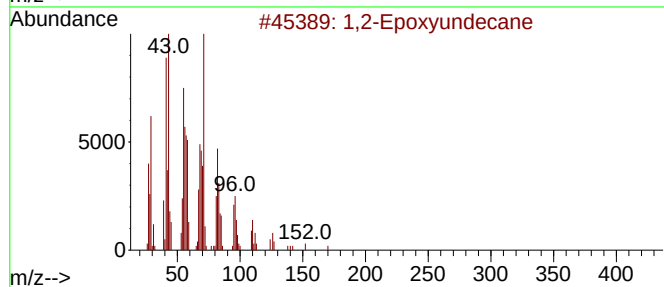
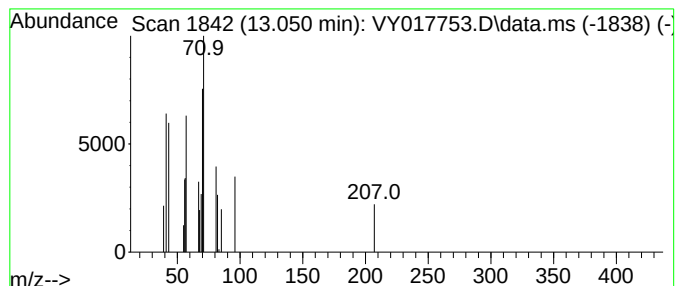
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown13.050 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	15.05 ug/l	4411	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Epoxyundecane	170	C11H22O	017322-97-3	28
2			Octacosyl pentyl ether	481	C33H68O	1000406-42-4	23
3			1-Oxaspiro[4.4]nonan-4-one, 2-is...	182	C11H18O2	034003-75-3	17
4			Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	16
5			cis-1,2-Bis(aminomethyl)cyclohexane	142	C8H18N2	070795-45-8	12



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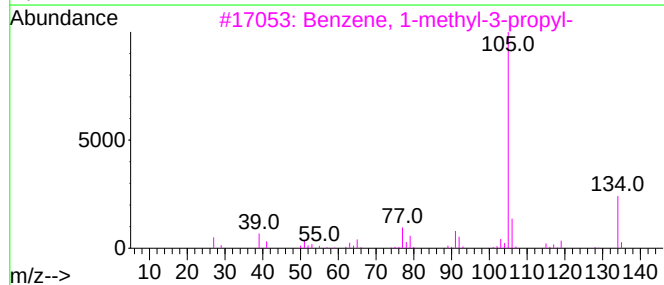
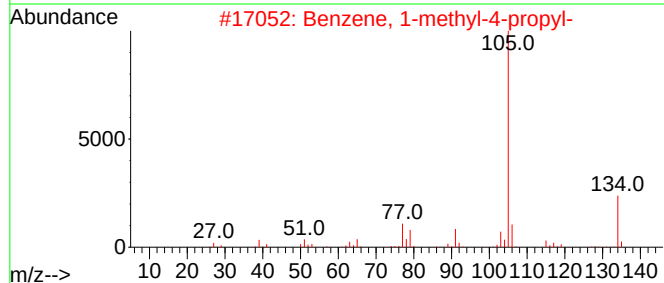
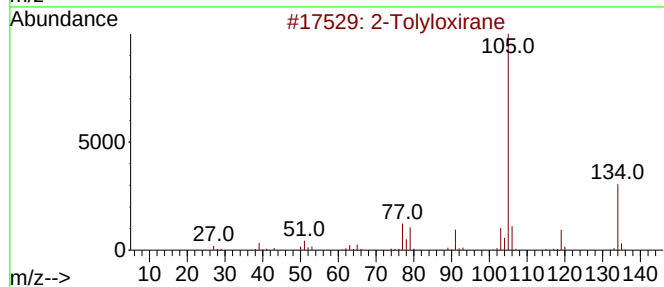
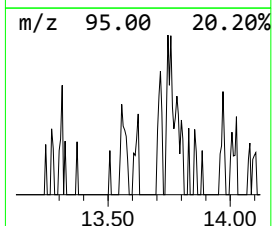
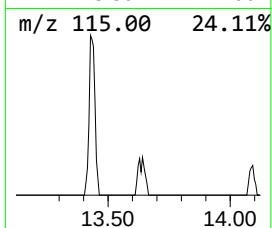
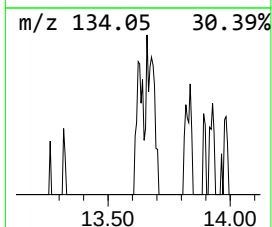
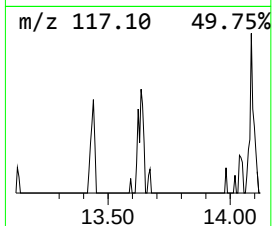
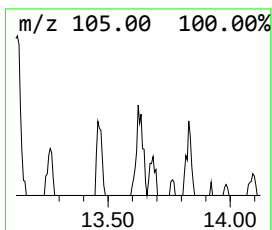
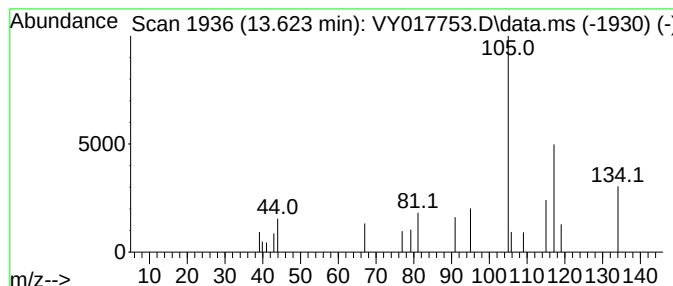
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown13.623 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	12.92 ug/l	3787	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane			134	C9H10O	002783-26-8	30
2	Benzene, 1-methyl-4-propyl-			134	C10H14	001074-55-1	25
3	Benzene, 1-methyl-3-propyl-			134	C10H14	001074-43-7	12
4	Benzene, 1-methyl-2-propyl-			134	C10H14	001074-17-5	12
5	Perillyl benzoate			256	C17H20O2	073524-02-4	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
Data File : VY017753.D
Acq On : 25 Mar 2024 15:52
Operator : SY/MD
Sample : P1861-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

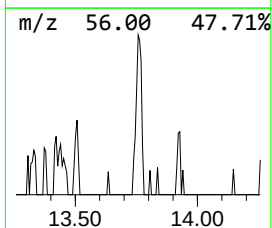
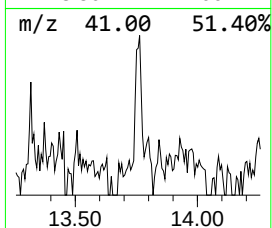
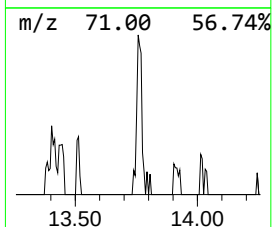
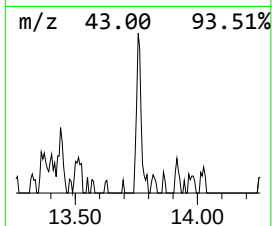
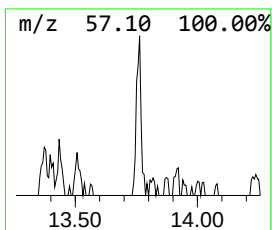
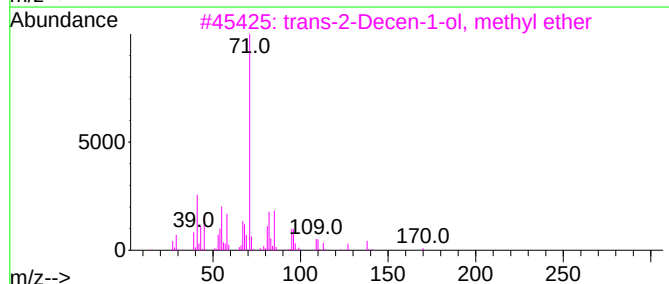
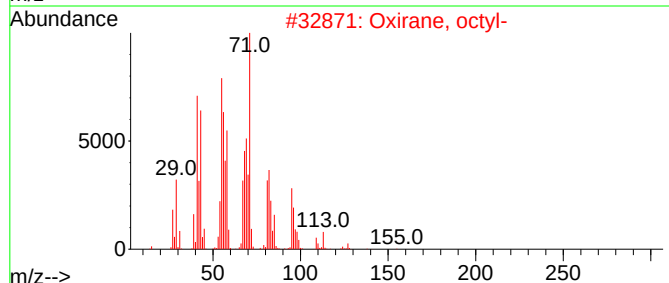
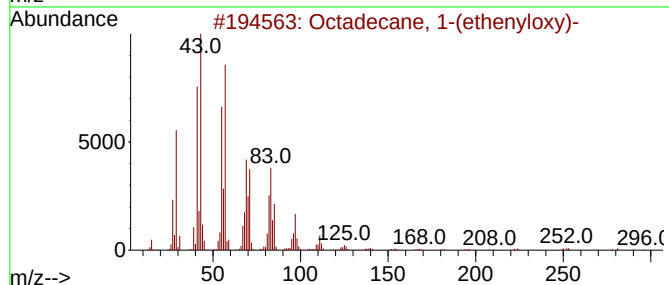
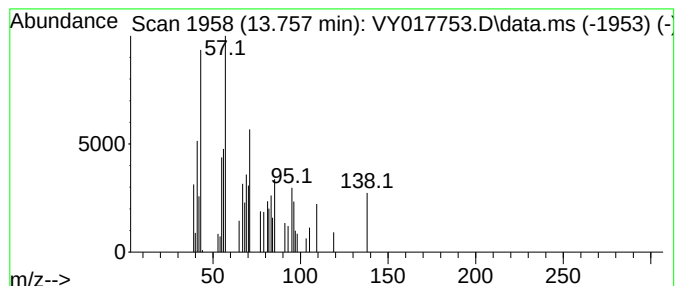
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Quant Title : SW846 8260

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

Peak Number 5 unknown13.757 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	38.16 ug/l	11181	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	43
2			Oxirane, octyl-	156	C10H20O	002404-44-6	43
3			trans-2-Decen-1-ol, methyl ether	170	C11H22O	1000352-66-3	43
4			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	35
5			Acetoxyacetic acid, nonyl ester	244	C13H24O4	1000308-31-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
Data File : VY017753.D
Acq On : 25 Mar 2024 15:52
Operator : SY/MD
Sample : P1861-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

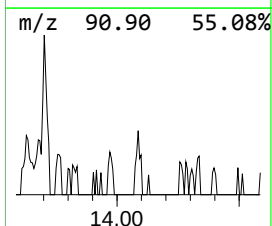
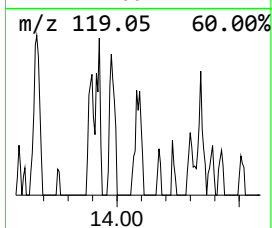
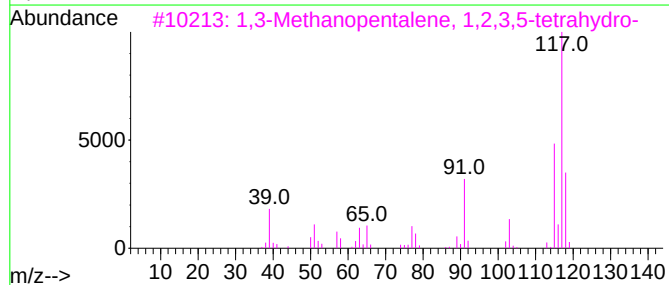
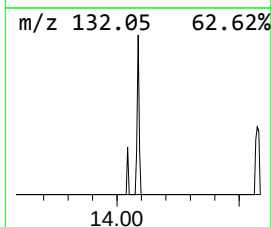
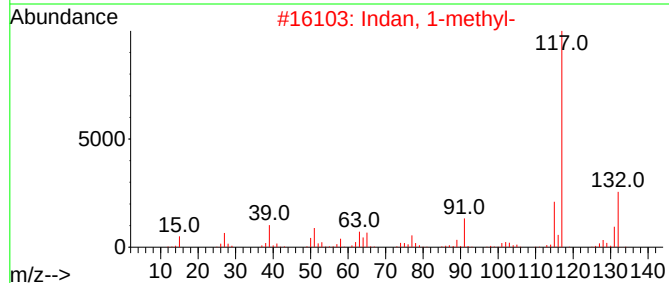
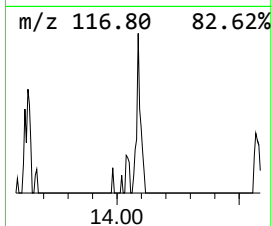
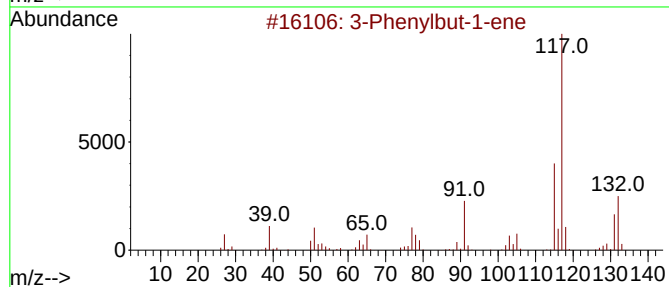
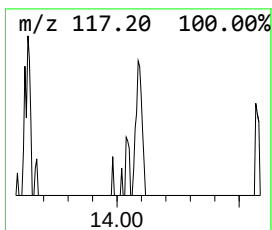
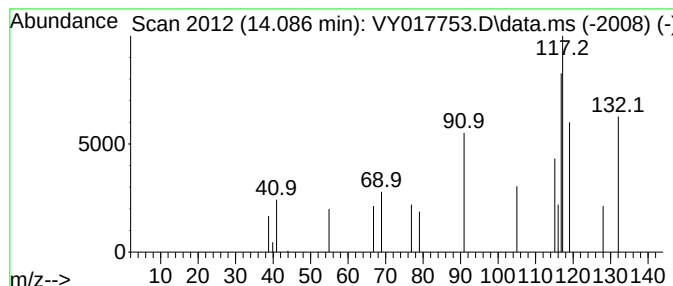
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.086 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	9.78 ug/l	2865	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	25
2			Indan, 1-methyl-	132	C10H12	000767-58-8	9
3			1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	9
4			Cyclohexene, 3-methylene-4-(1,2-...	132	C10H12	068377-81-1	5
5			Indolizine	117	C8H7N	000274-40-8	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
Data File : VY017753.D
Acq On : 25 Mar 2024 15:52
Operator : SY/MD
Sample : P1861-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

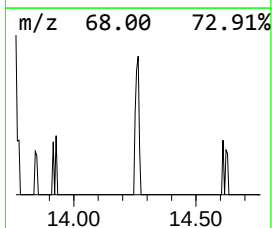
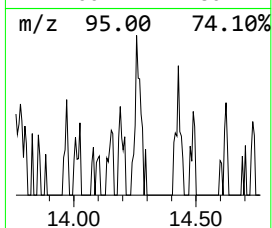
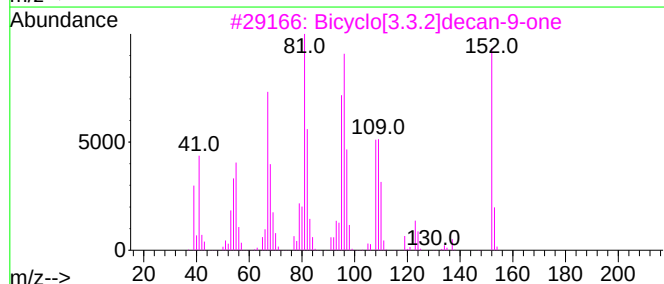
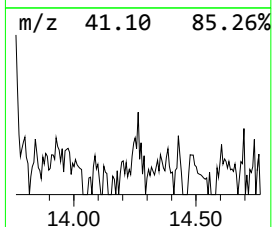
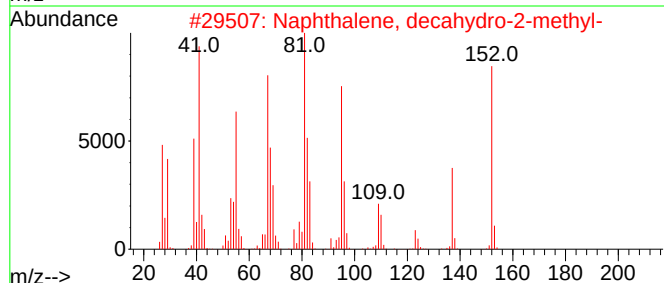
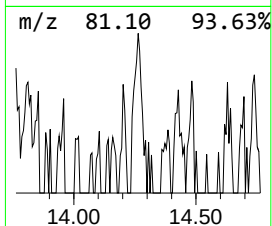
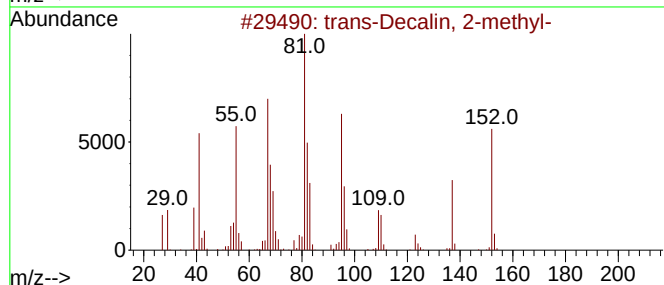
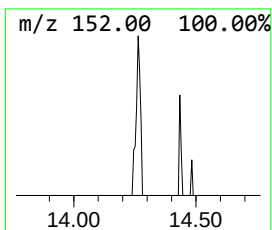
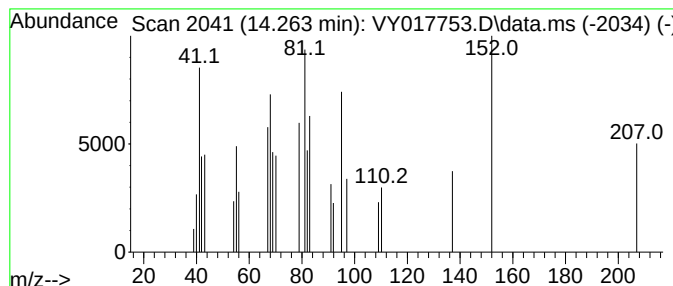
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ClientSampleId :
HD-02-03252024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260

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

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.263	19.20 ug/l	5625	1,4-Dichlorobenzene-d4		13.440	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-		152	C11H20	1000152-47-3	64
2	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	62
3	Bicyclo[3.3.2]decan-9-one		152	C10H16O	028054-91-3	58
4	1-Methyldecahydronaphthalene		152	C11H20	002958-75-0	46
5	1H-Inden-1-one, octahydro-7a-met...		152	C10H16O	017428-83-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
Data File : VY017753.D
Acq On : 25 Mar 2024 15:52
Operator : SY/MD
Sample : P1861-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

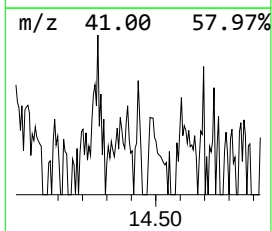
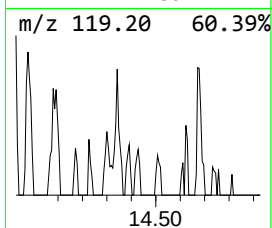
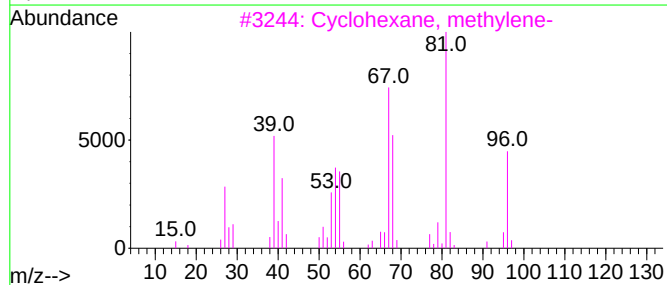
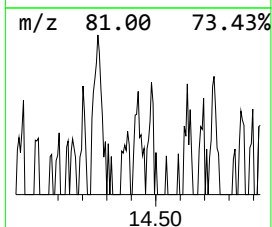
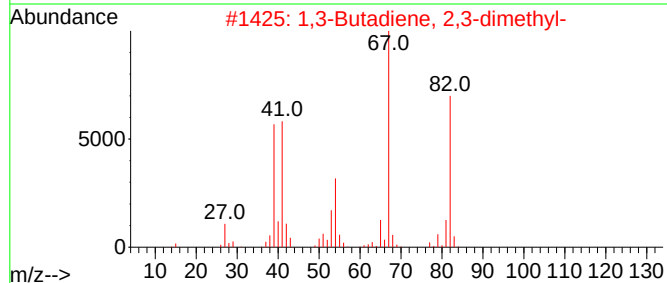
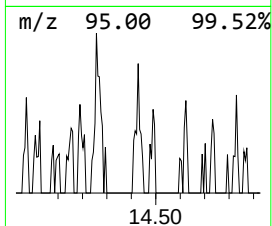
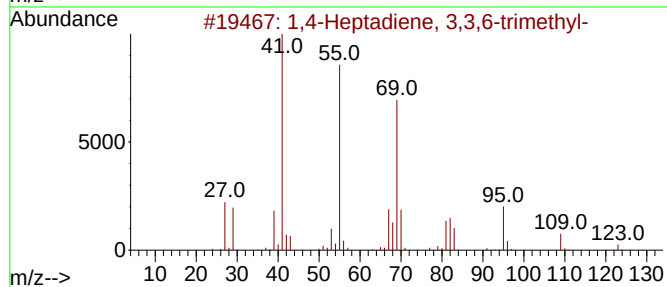
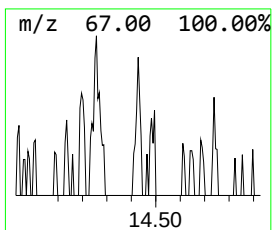
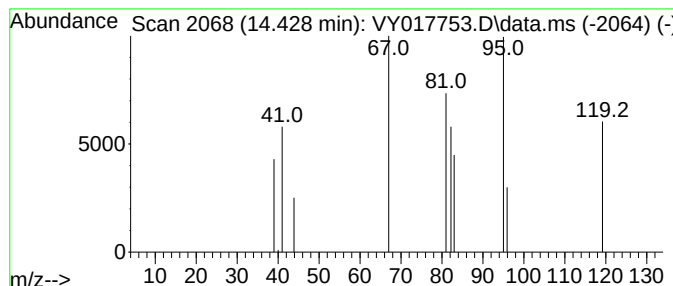
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Quant Title : SW846 8260

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

Peak Number 8 unknown14.428 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.428	7.98 ug/l	2339	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Heptadiene, 3,3,6-trimethyl-	138	C10H18	074498-89-8	40
2			1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	9
3			Cyclohexane, methylene-	96	C7H12	001192-37-6	9
4			C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	9
5			Cyclohexene	82	C6H10	000110-83-8	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
Data File : VY017753.D
Acq On : 25 Mar 2024 15:52
Operator : SY/MD
Sample : P1861-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

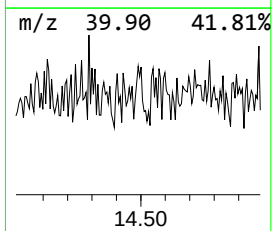
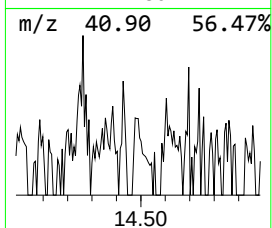
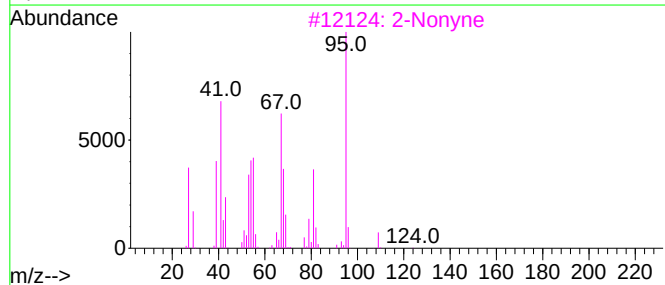
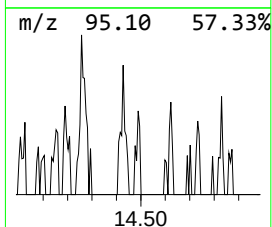
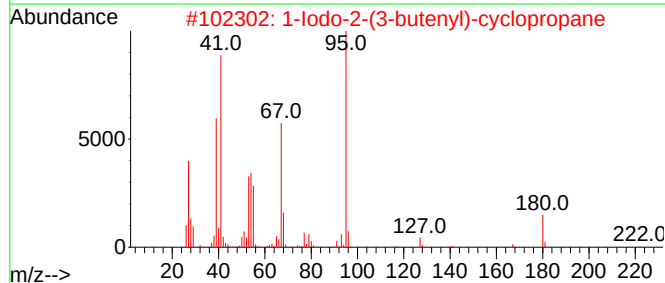
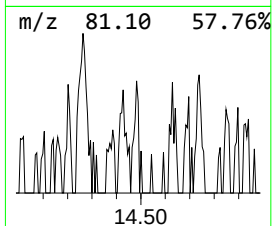
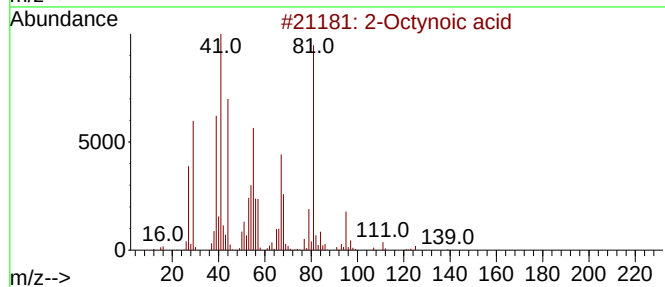
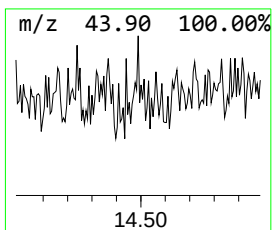
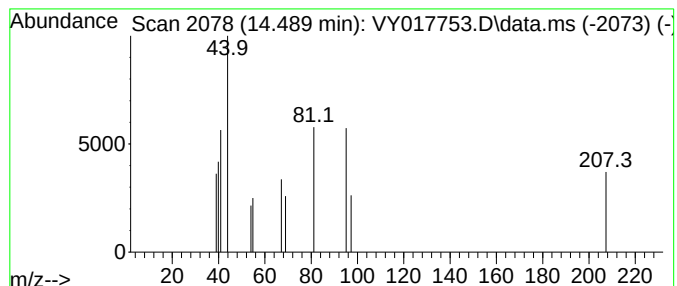
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Quant Title : SW846 8260

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

Peak Number 9 unknown14.489 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	7.21 ug/l	2112	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octynoic acid	140	C8H12O2	005663-96-7	25
2			1-Iodo-2-(3-butenyl)-cyclopropane	222	C7H11I	1000061-53-5	12
3			2-Nonyne	124	C9H16	019447-29-1	12
4			1,2-Cyclohexanedimethanol	144	C8H16O2	003971-29-7	9
5			Cyclohexene, 6-butyl-1-nitro-	183	C10H17NO2	084820-13-3	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
Data File : VY017753.D
Acq On : 25 Mar 2024 15:52
Operator : SY/MD
Sample : P1861-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

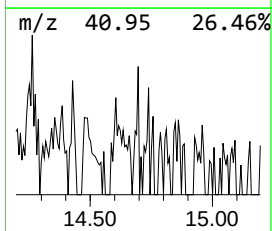
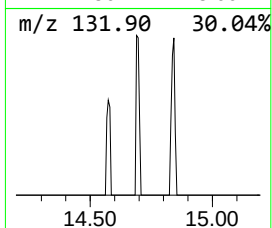
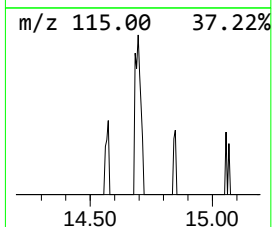
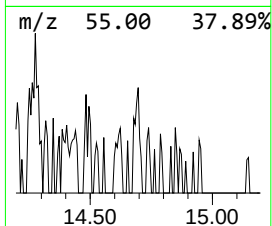
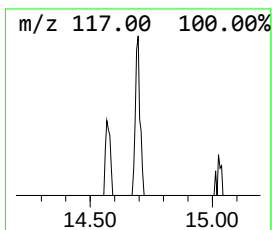
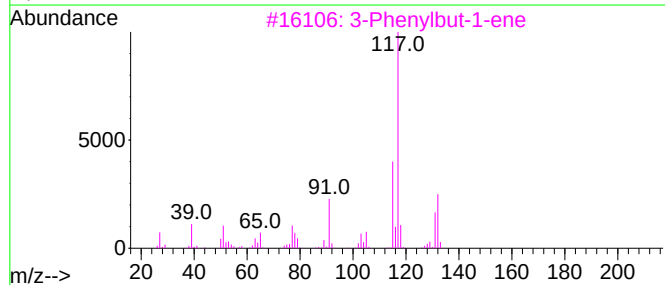
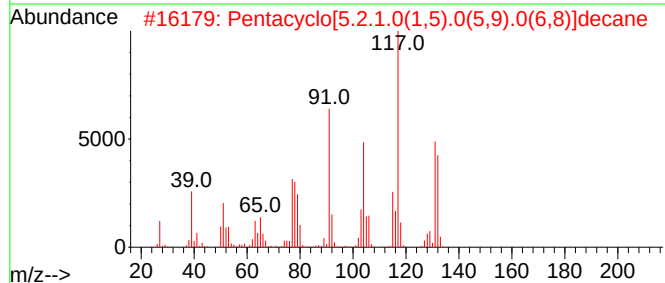
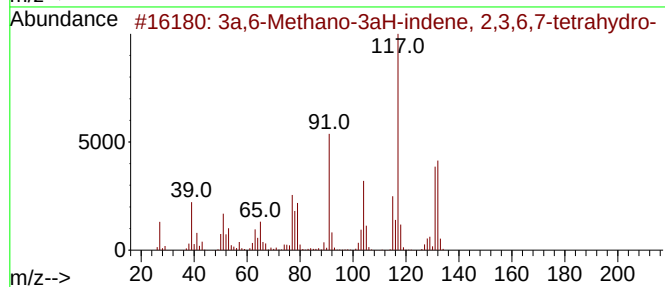
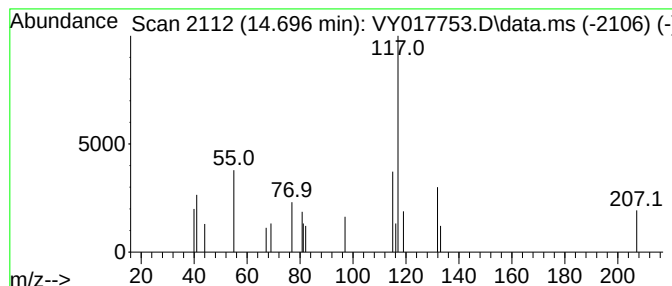
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Quant Title : SW846 8260

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

Peak Number 10 3a,6-Methano-3aH-indene, 2,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.696	10.95 ug/l	3210	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	53
2			Pentacyclo[5.2.1.0(1,5).0(5,9).0...	132	C10H12	1010185-59-0	50
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
Data File : VY017753.D
Acq On : 25 Mar 2024 15:52
Operator : SY/MD
Sample : P1861-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-03252024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.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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unknown13.050	13.050	15.1	ug/l	4411	4	13.440	14651	50.0
unknown13.623	13.623	12.9	ug/l	3787	4	13.440	14651	50.0
unknown13.757	13.757	38.2	ug/l	11181	4	13.440	14651	50.0
unknown14.086	14.086	9.8	ug/l	2865	4	13.440	14651	50.0
trans-Decalin, ...	14.263	19.2	ug/l	5625	4	13.440	14651	50.0
unknown14.428	14.428	8.0	ug/l	2339	4	13.440	14651	50.0
unknown14.489	14.489	7.2	ug/l	2112	4	13.440	14651	50.0
3a,6-Methano-3a...	14.696	10.9	ug/l	3210	4	13.440	14651	50.0