

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018801.D
 Acq On : 12 Jul 2024 16:40
 Operator : SY/MD
 Sample : P3211-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-07102024

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\82Y070924S.M
 Title : SW846 8260

Signal : TIC: VY018801.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.704	463	473	482	rBV5	4184	13733	7.61%	0.882%
2	5.722	632	640	650	rVB5	1903	5020	2.78%	0.322%
3	7.709	957	966	972	rBV2	28171	68567	38.00%	4.402%
4	7.777	972	977	991	rVB	43999	97684	54.13%	6.271%
5	8.136	1023	1036	1046	rBV	25191	56242	31.17%	3.611%
6	8.685	1118	1126	1136	rBV	68057	136012	75.37%	8.732%
7	10.172	1363	1370	1379	rBV	103051	180454	100.00%	11.585%
8	10.575	1433	1436	1446	rVB2	2568	4237	2.35%	0.272%
9	10.947	1492	1497	1501	rBV4	1181	1881	1.04%	0.121%
10	11.294	1550	1554	1560	rVB6	1385	2066	1.14%	0.133%
11	11.489	1579	1586	1596	rBV	97879	166187	92.09%	10.669%
12	11.678	1611	1617	1618	rVV5	1257	2195	1.22%	0.141%
13	11.733	1621	1626	1630	rVV2	3466	6251	3.46%	0.401%
14	11.776	1630	1633	1637	rVB3	1661	2299	1.27%	0.148%
15	11.995	1664	1669	1677	rBV5	5661	12367	6.85%	0.794%
16	12.117	1686	1689	1692	rVV4	1649	2160	1.20%	0.139%
17	12.203	1698	1703	1705	rVV3	4688	7725	4.28%	0.496%
18	12.233	1705	1708	1714	rVV5	7484	15025	8.33%	0.965%
19	12.282	1714	1716	1717	rVV2	2236	1910	1.06%	0.123%
20	12.312	1719	1721	1725	rVV3	2487	3856	2.14%	0.248%
21	12.349	1725	1727	1729	rVV3	2132	2997	1.66%	0.192%
22	12.373	1729	1731	1736	rVB3	2362	3330	1.85%	0.214%
23	12.477	1741	1748	1755	rBV	75764	123782	68.59%	7.947%
24	12.544	1755	1759	1760	rVV4	2373	3323	1.84%	0.213%
25	12.568	1760	1763	1768	rVV6	4108	7775	4.31%	0.499%
26	12.641	1771	1775	1782	rVB6	6627	13192	7.31%	0.847%
27	12.727	1782	1789	1793	rBV8	5322	13114	7.27%	0.842%
28	12.806	1793	1802	1807	rVV5	11980	33953	18.82%	2.180%
29	12.855	1807	1810	1815	rVB6	6087	10810	5.99%	0.694%
30	12.940	1821	1824	1829	rVB5	4348	6695	3.71%	0.430%
31	12.989	1829	1832	1833	rBV3	3612	4322	2.40%	0.277%
32	13.038	1838	1840	1846	rVB6	7790	12785	7.08%	0.821%
33	13.111	1847	1852	1853	rBV4	1310	2000	1.11%	0.128%
34	13.141	1853	1857	1858	rBV3	1493	1992	1.10%	0.128%
35	13.178	1862	1863	1868	rVB4	3058	3096	1.72%	0.199%
36	13.245	1868	1874	1878	rVB7	5646	10305	5.71%	0.662%

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37	13.312	1878	1885	1889	rBV8	8671	23388	12.96%	1.501%
38	13.422	1897	1903	1909	rVB	88928	139964	77.56%	8.986%
39	13.495	1913	1915	1919	rBV5	2909	4119	2.28%	0.264%
40	13.550	1919	1924	1930	rVV9	5043	12144	6.73%	0.780%
41	13.611	1930	1934	1941	rVB7	4763	8720	4.83%	0.560%
42	13.696	1941	1948	1950	rBV8	5565	11914	6.60%	0.765%
43	13.745	1950	1956	1961	rVV4	20945	38336	21.24%	2.461%
44	13.794	1961	1964	1967	rVV4	5124	7299	4.04%	0.469%
45	13.855	1969	1974	1977	rVB7	4361	8088	4.48%	0.519%
46	14.080	2005	2011	2015	rBV4	9572	19792	10.97%	1.271%
47	14.135	2015	2020	2026	rVV9	6743	18506	10.26%	1.188%
48	14.196	2026	2030	2034	rVB6	6857	10043	5.57%	0.645%
49	14.251	2034	2039	2047	rVB6	21583	37809	20.95%	2.427%
50	14.324	2049	2051	2055	rVB5	1986	2176	1.21%	0.140%
51	14.379	2055	2060	2063	rBV7	6448	11032	6.11%	0.708%
52	14.422	2063	2067	2071	rBV6	14907	19044	10.55%	1.223%
53	14.477	2072	2076	2078	rBV5	5885	8143	4.51%	0.523%
54	14.617	2095	2099	2103	rBV7	5131	7041	3.90%	0.452%
55	14.678	2105	2109	2114	rVV8	6512	13789	7.64%	0.885%
56	14.733	2114	2118	2124	rVV6	12301	19405	10.75%	1.246%
57	14.794	2124	2128	2129	rVV3	2173	3454	1.91%	0.222%
58	14.842	2133	2136	2140	rBV5	4633	6684	3.70%	0.429%
59	14.946	2144	2153	2157	rBV8	8691	16958	9.40%	1.089%
60	15.062	2171	2172	2178	rVB6	4317	4860	2.69%	0.312%
61	15.117	2178	2181	2184	rBV5	2455	3299	1.83%	0.212%
62	15.251	2200	2203	2206	rVB5	2683	3602	2.00%	0.231%
63	15.385	2223	2225	2229	rVB5	5239	6931	3.84%	0.445%
64	15.428	2229	2232	2238	rVB7	3033	5687	3.15%	0.365%
65	15.501	2241	2244	2247	rBV5	1912	2273	1.26%	0.146%
66	15.604	2255	2261	2265	rVB8	3092	5262	2.92%	0.338%
67	15.665	2266	2271	2273	rBV4	3331	4476	2.48%	0.287%
68	15.738	2276	2283	2285	rBV8	2557	5212	2.89%	0.335%
69	16.025	2324	2330	2335	rBV7	4147	9215	5.11%	0.592%
70	16.110	2341	2344	2348	rVB5	1476	1986	1.10%	0.128%
71	16.220	2357	2362	2363	rBV5	1980	2330	1.29%	0.150%
72	16.293	2370	2374	2382	rVB9	3129	7718	4.28%	0.495%
73	16.482	2399	2405	2406	rBV4	2805	4342	2.41%	0.279%
74	16.616	2424	2427	2429	rBV4	2620	3264	1.81%	0.210%

Sum of corrected areas: 1557647

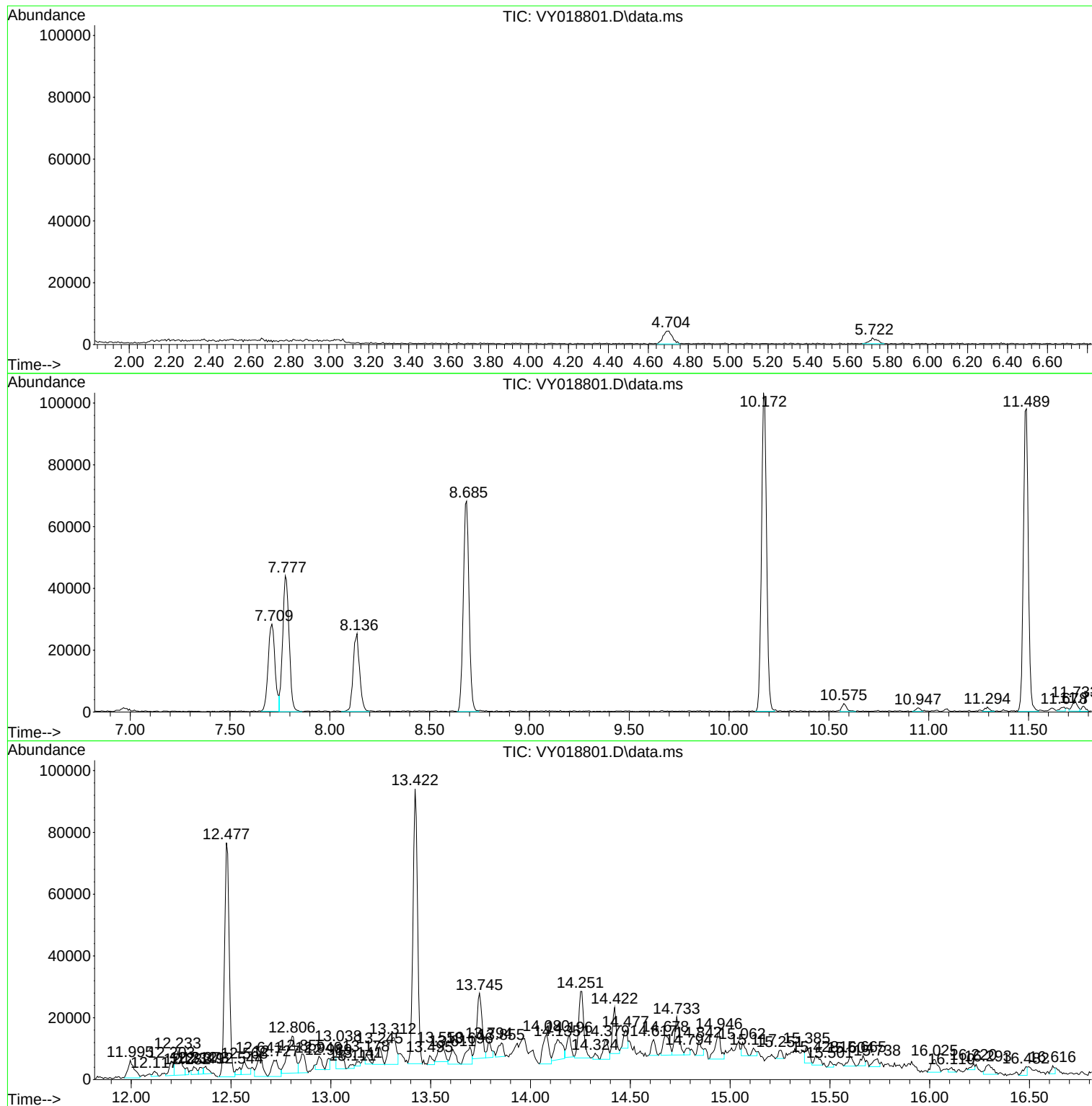
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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



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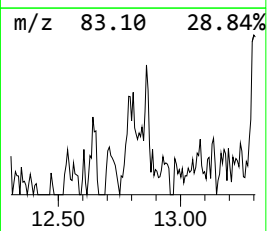
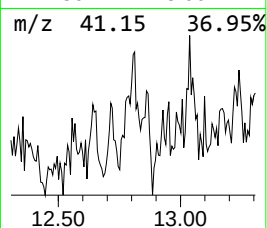
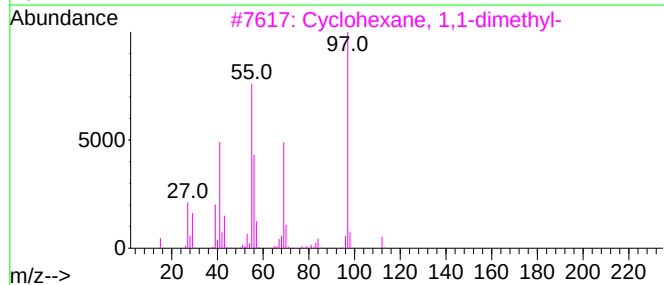
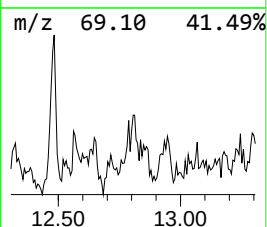
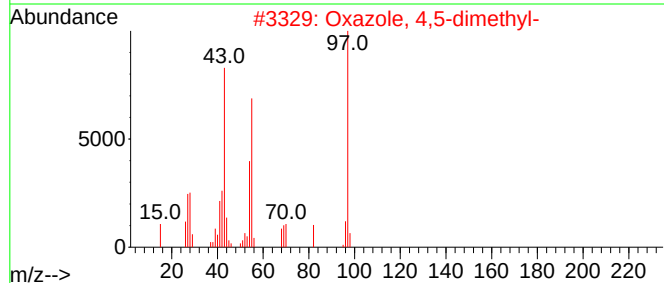
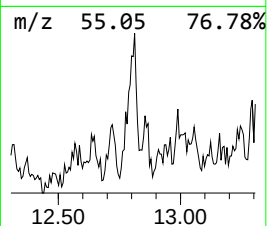
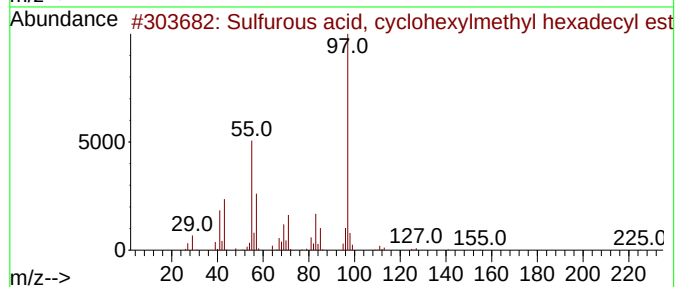
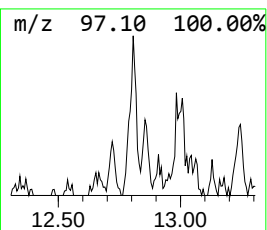
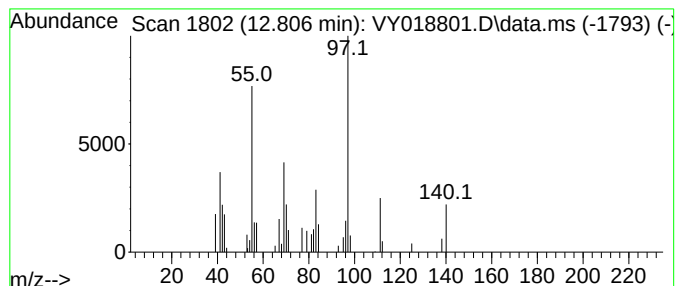
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

Peak Number 2 Sulfurous acid, cyclohexylm... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	12.13 ug/l	33953	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	50
2			Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	47
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
4			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43
5			Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	43



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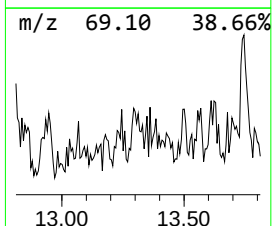
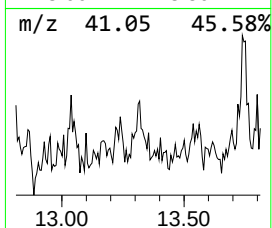
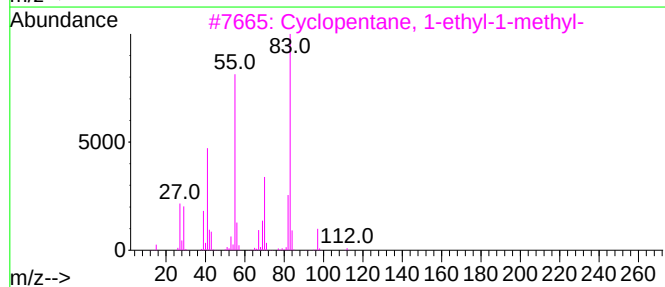
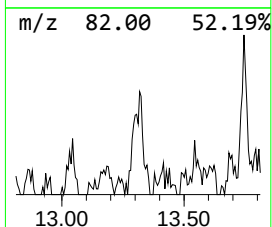
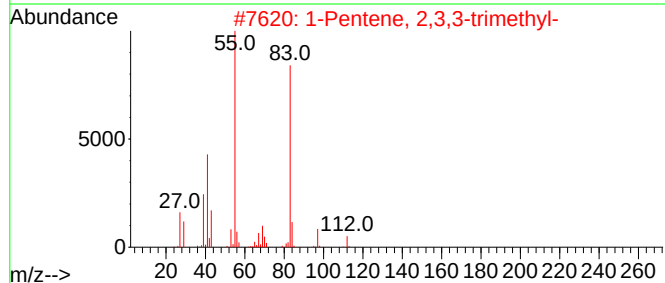
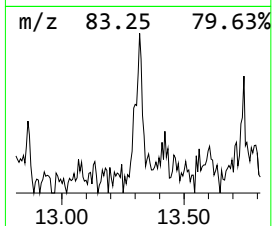
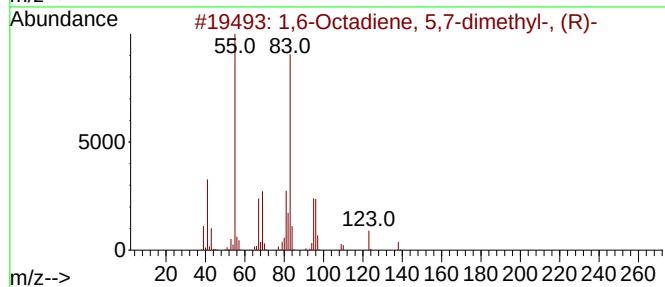
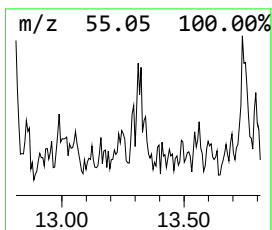
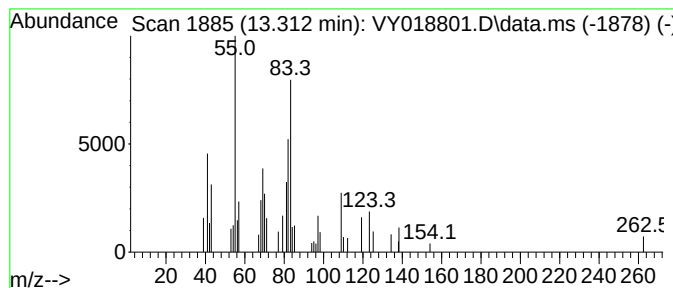
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown13.312 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	8.36 ug/l	23388	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	43
2			1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	38
3			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
4			Fumaric acid, octadecyl trans-he...	450	C28H50O4	1000348-89-8	35
5			2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	30



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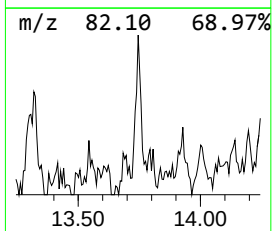
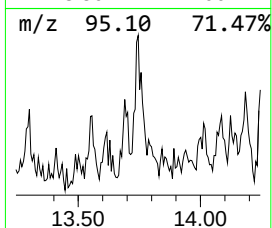
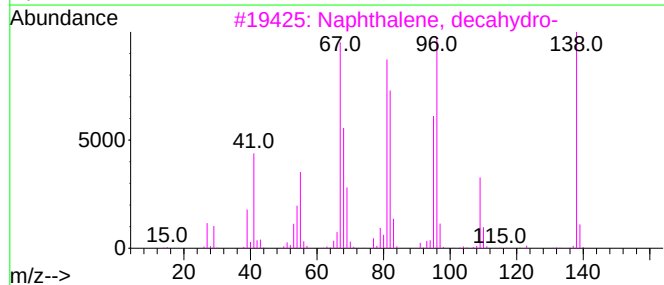
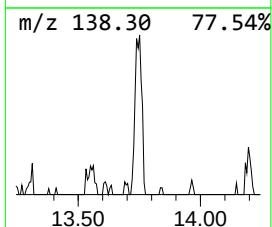
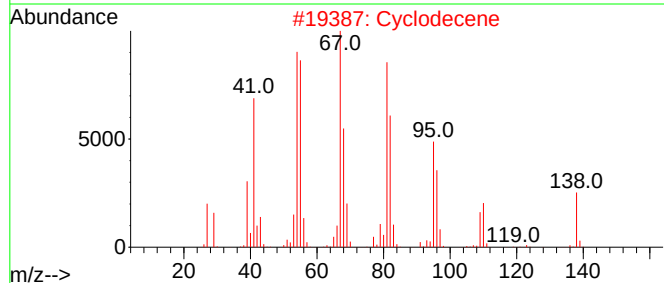
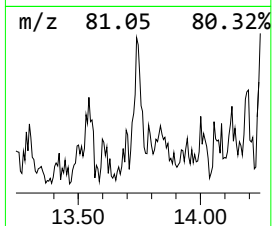
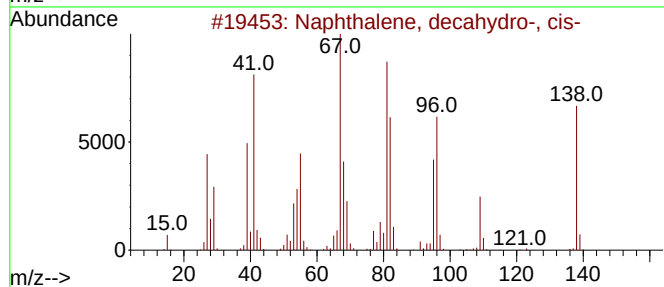
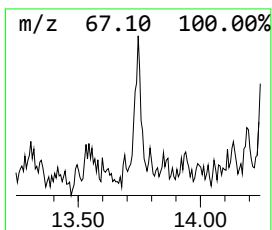
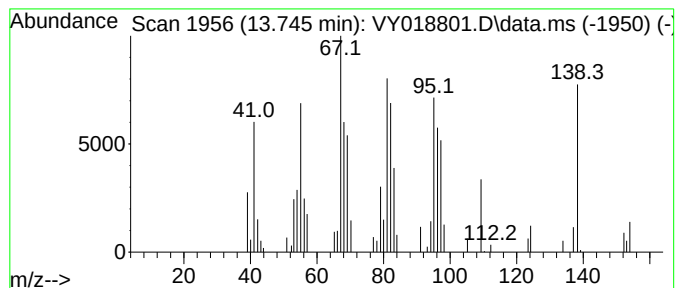
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Peak Number 4 Naphthalene, decahydro-, cis- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	13.70 ug/l	38336	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
2			Cyclodecene	138	C10H18	003618-12-0	83
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	74
4			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	64
5			Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	64



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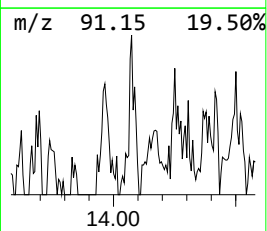
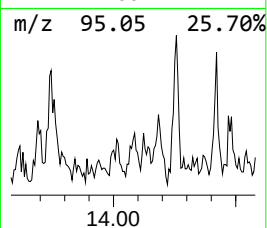
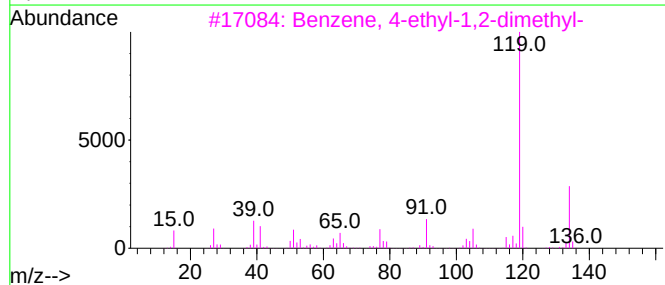
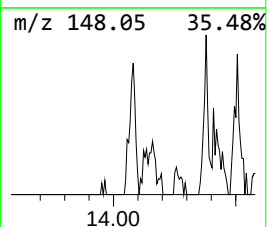
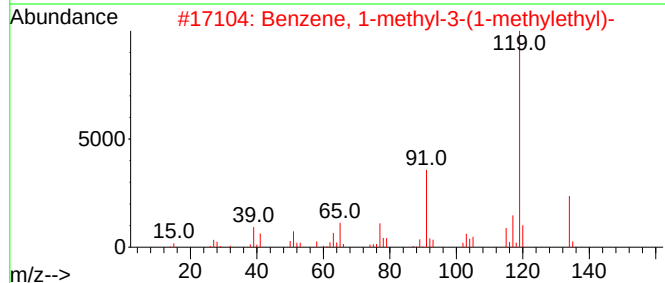
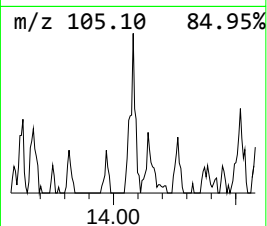
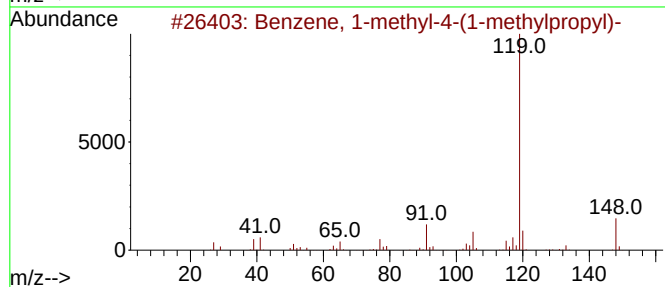
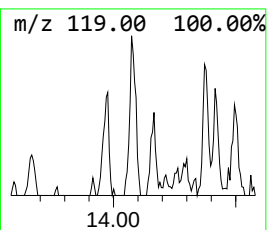
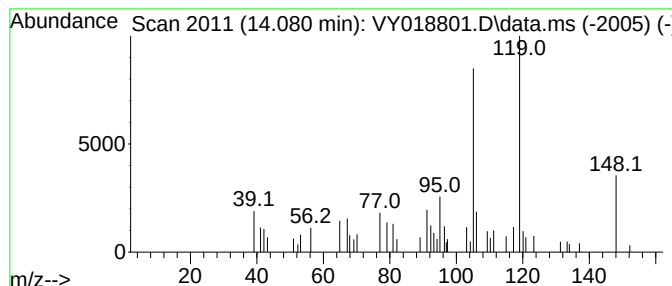
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	7.07 ug/l	19792	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	47
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
5			p-Cymene	134	C10H14	000099-87-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018801.D
Acq On : 12 Jul 2024 16:40
Operator : SY/MD
Sample : P3211-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07102024

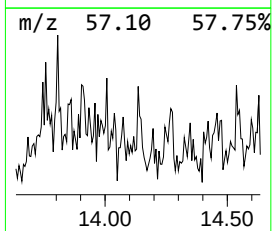
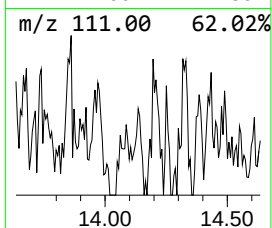
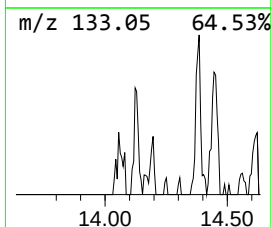
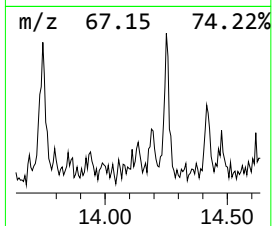
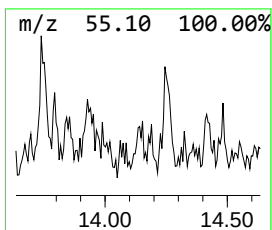
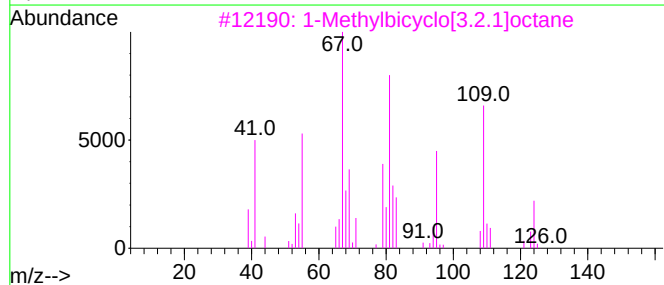
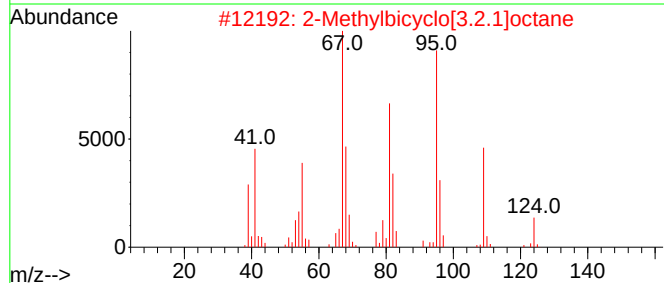
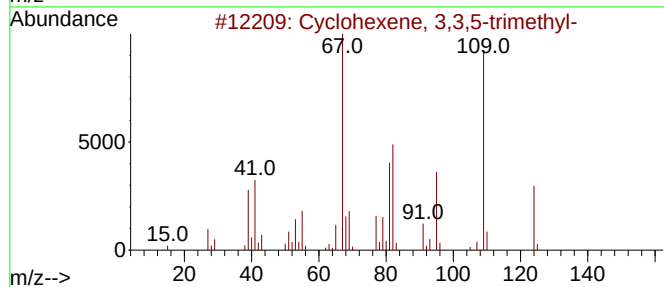
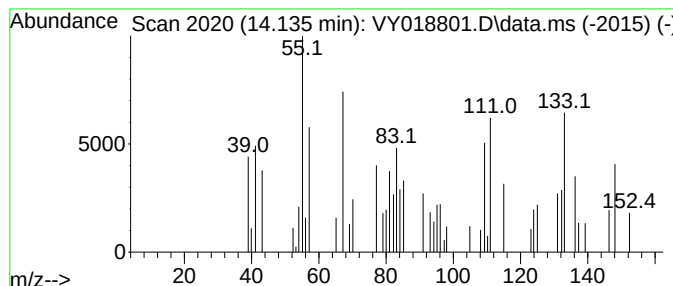
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Quant Title : SW846 8260

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

Peak Number 6 unknown114.135 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.135	6.61 ug/l	18506	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	38
2			2-Methylbicyclo[3.2.1]octane	124	C9H16	1010215-28-0	30
3			1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	25
4			3a,7a-Epoxy-1H-inden-1-one, hexa...	152	C9H12O2	037079-31-5	25
5			3-Oxatricyclo[4.1.1.0(2,4)]octan...	152	C10H16O	001686-14-2	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018801.D
Acq On : 12 Jul 2024 16:40
Operator : SY/MD
Sample : P3211-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07102024

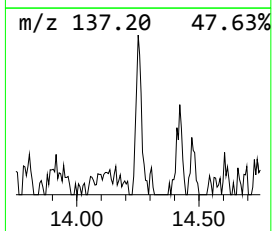
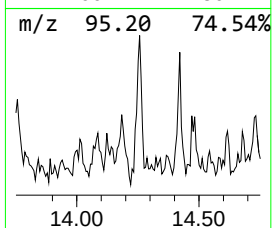
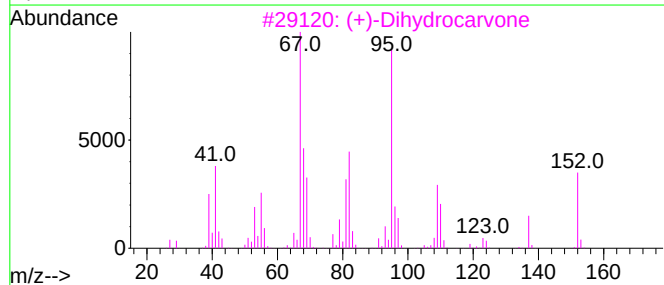
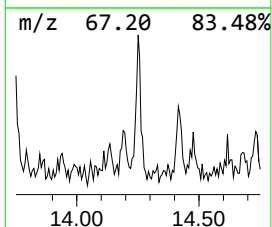
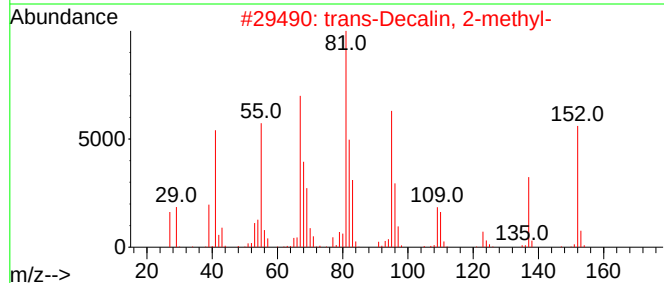
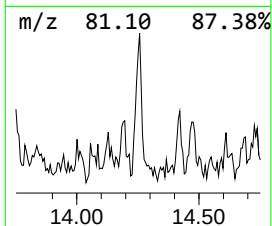
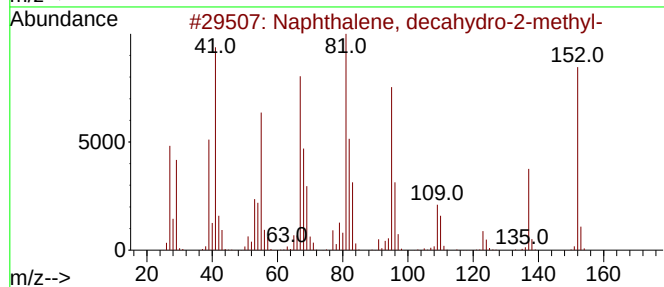
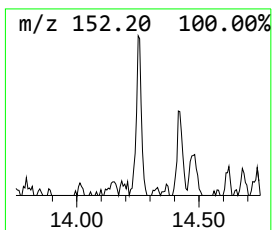
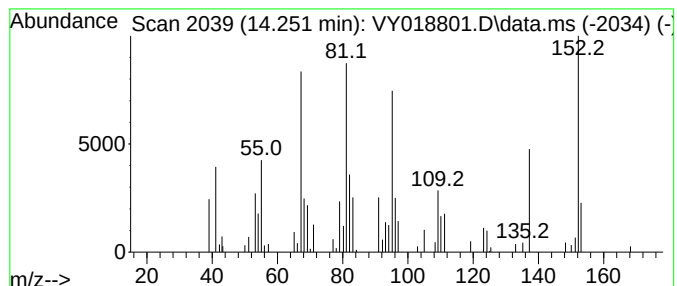
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	13.51 ug/l	37809	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	58
4			Pulegone	152	C10H16O	000089-82-7	58
5			Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018801.D
Acq On : 12 Jul 2024 16:40
Operator : SY/MD
Sample : P3211-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07102024

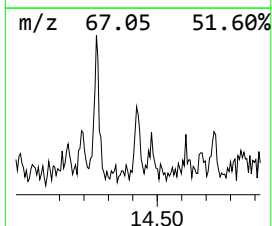
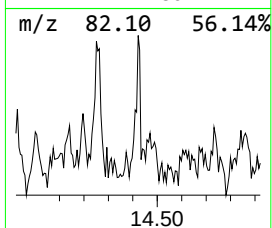
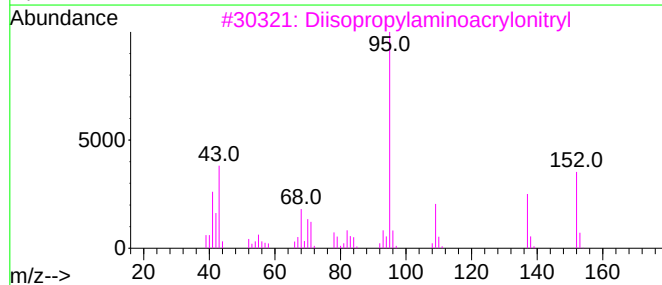
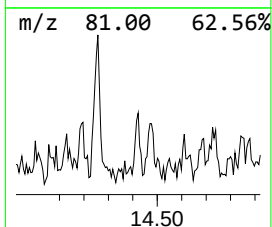
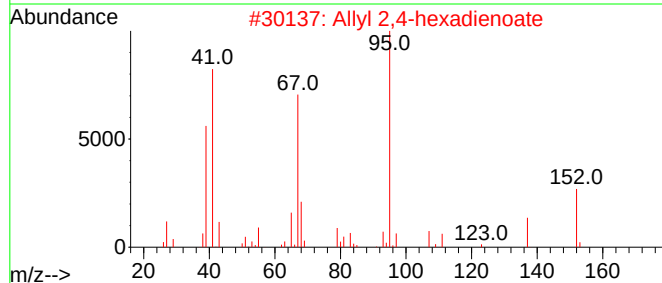
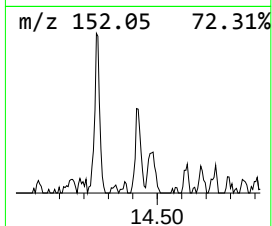
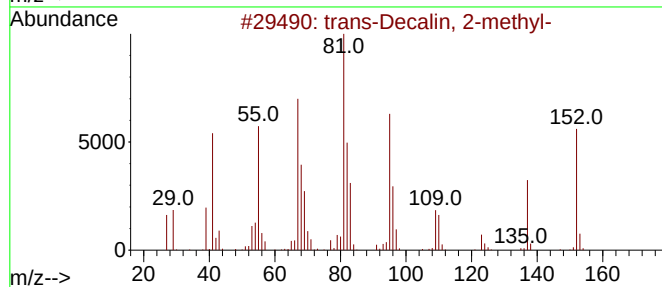
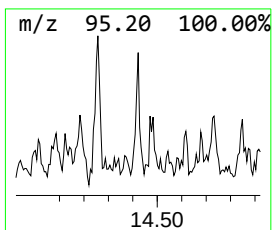
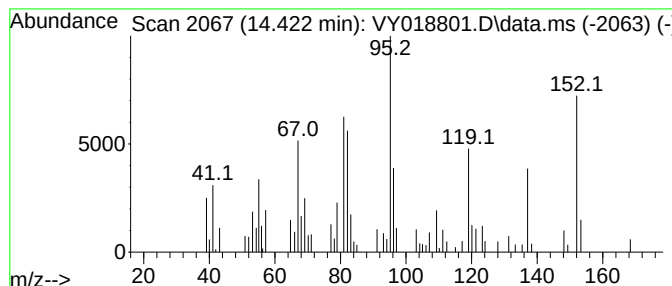
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Quant Title : SW846 8260

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

Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	6.80 ug/l	19044	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	60
2			Allyl 2,4-hexadienoate	152	C9H12O2	1000431-58-3	55
3			Diisopropylaminoacrylonitril	152	C9H16N2	038691-28-0	55
4			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	49
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018801.D
Acq On : 12 Jul 2024 16:40
Operator : SY/MD
Sample : P3211-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07102024

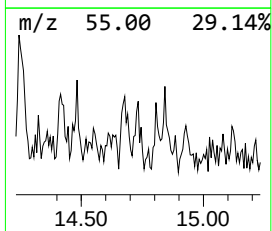
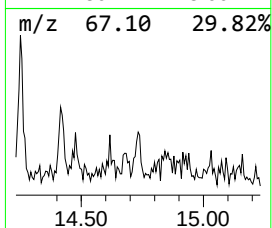
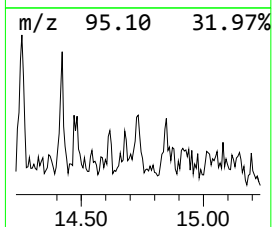
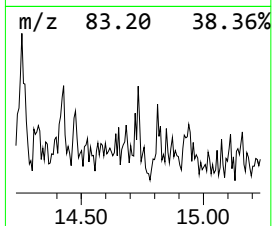
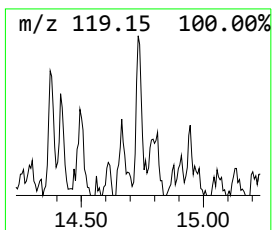
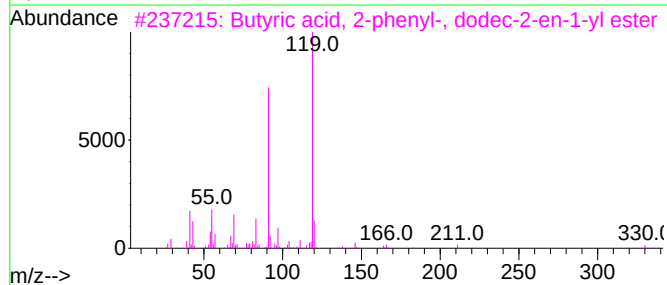
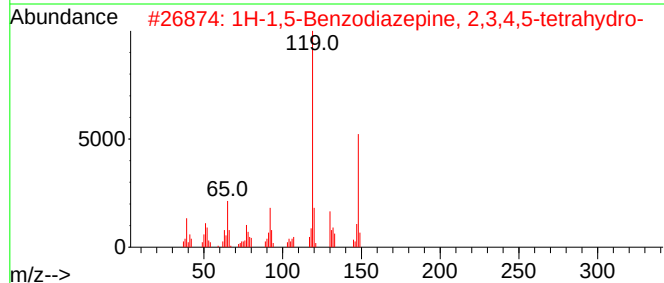
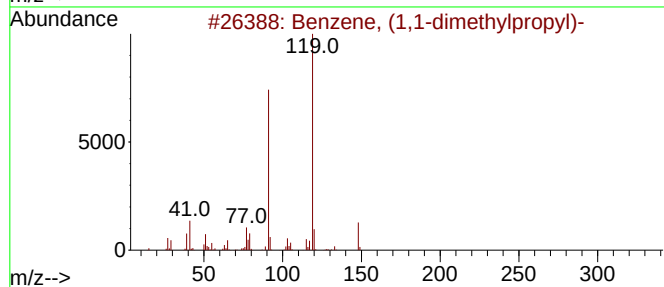
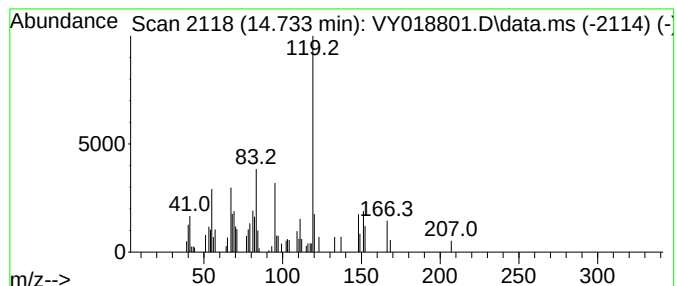
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Quant Title : SW846 8260

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

Peak Number 9 unknown14.733 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	6.93 ug/l	19405	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
2			1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	35
3			Butyric acid, 2-phenyl-, dodec-2...	330	C22H34O2	1000406-86-7	32
4			Butyric acid, 2-phenyl-, undec-2...	316	C21H32O2	1000406-92-0	32
5			1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018801.D
Acq On : 12 Jul 2024 16:40
Operator : SY/MD
Sample : P3211-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-07102024

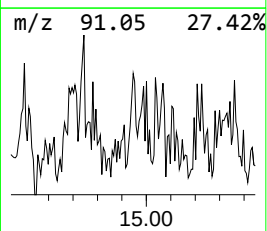
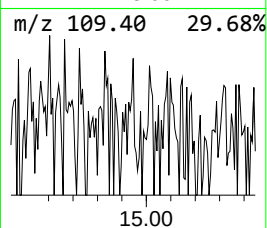
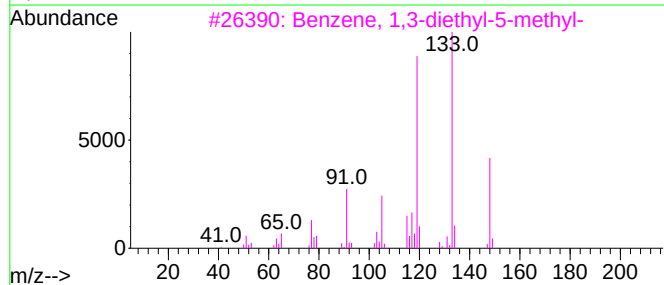
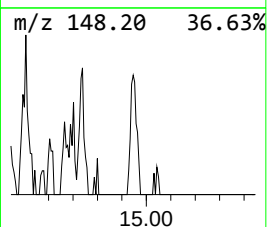
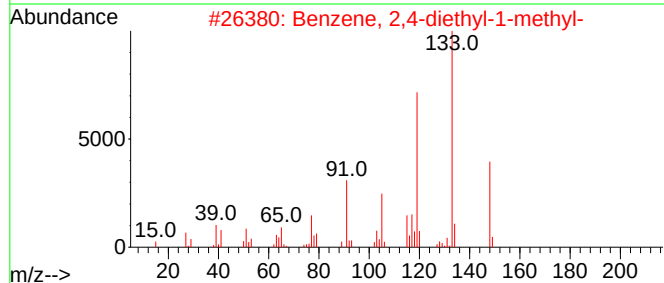
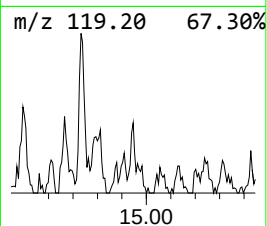
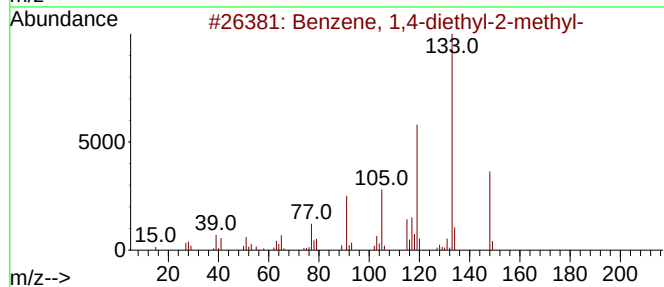
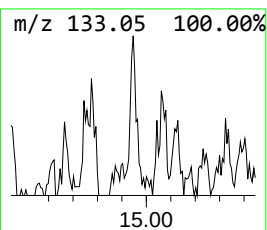
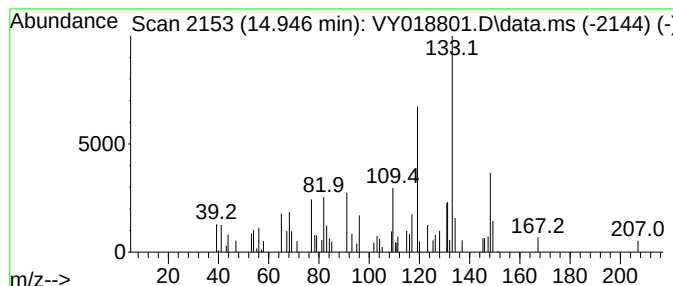
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Quant Title : SW846 8260

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

Peak Number 10 unknown14.946 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	6.06 ug/l	16958	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	49
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	49
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	38
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018801.D
Acq On : 12 Jul 2024 16:40
Operator : SY/MD
Sample : P3211-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07102024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.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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unknown13.312	13.312	8.4	ug/l	23388	4	13.422	139964	50.0
Naphthalene, de...	13.745	13.7	ug/l	38336	4	13.422	139964	50.0
Benzene, 1-meth...	14.080	7.1	ug/l	19792	4	13.422	139964	50.0
unknown14.135	14.135	6.6	ug/l	18506	4	13.422	139964	50.0
Naphthalene, de...	14.251	13.5	ug/l	37809	4	13.422	139964	50.0
trans-Decalin, ...	14.422	6.8	ug/l	19044	4	13.422	139964	50.0
unknown14.733	14.733	6.9	ug/l	19405	4	13.422	139964	50.0
unknown14.946	14.946	6.1	ug/l	16958	4	13.422	139964	50.0