

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014104.D
 Acq On : 09 Jun 2023 18:58
 Operator : KP/MD
 Sample : 03103-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-060823

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\82Y060923S.M
 Title : SW846 8260

Signal : TIC: VY014104.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.954	346	350	359	rVB3	1974	4627	2.19%	0.258%
2	4.198	382	390	403	rBV3	3576	11191	5.30%	0.625%
3	4.729	467	477	484	rBV6	2998	8830	4.18%	0.493%
4	5.759	639	646	653	rVB3	1519	3739	1.77%	0.209%
5	6.972	834	845	855	rBV	22813	67145	31.82%	3.747%
6	7.722	958	968	973	rBV2	30170	74577	35.34%	4.162%
7	7.789	973	979	991	rVB	53709	124476	58.99%	6.947%
8	8.143	1027	1037	1051	rVB3	32013	78141	37.03%	4.361%
9	8.691	1119	1127	1138	rBV	77397	152313	72.18%	8.500%
10	10.179	1364	1371	1384	rBV	119194	211011	100.00%	11.776%
11	10.581	1430	1437	1443	rVV2	16370	28282	13.40%	1.578%
12	10.947	1491	1497	1504	rBB2	19427	32601	15.45%	1.819%
13	11.038	1508	1512	1518	rBV5	1368	2229	1.06%	0.124%
14	11.093	1518	1521	1524	rBV4	1588	2265	1.07%	0.126%
15	11.319	1550	1558	1565	rVB3	5216	9827	4.66%	0.548%
16	11.489	1580	1586	1594	rBV	114135	186065	88.18%	10.384%
17	12.483	1742	1749	1760	rVB2	89718	152386	72.22%	8.504%
18	12.733	1786	1790	1794	rBV4	1621	3032	1.44%	0.169%
19	12.812	1797	1803	1809	rVV6	8559	17941	8.50%	1.001%
20	13.044	1837	1841	1843	rBV3	3142	4699	2.23%	0.262%
21	13.117	1848	1853	1858	rVV2	6783	10603	5.02%	0.592%
22	13.184	1858	1864	1869	rVB4	2323	4957	2.35%	0.277%
23	13.312	1881	1885	1889	rBV6	2385	3858	1.83%	0.215%
24	13.373	1889	1895	1897	rBV7	2875	4399	2.08%	0.246%
25	13.428	1897	1904	1913	rBV	103156	169727	80.44%	9.472%
26	13.501	1913	1916	1922	rVB4	3575	5222	2.47%	0.291%
27	13.623	1928	1936	1940	rBV4	7244	13964	6.62%	0.779%
28	13.666	1940	1943	1946	rBV3	3395	4507	2.14%	0.252%
29	13.751	1951	1957	1961	rBV	27487	40359	19.13%	2.252%
30	13.794	1961	1964	1966	rVV4	2381	2716	1.29%	0.152%
31	13.824	1966	1969	1972	rVV	2923	4404	2.09%	0.246%
32	13.885	1975	1979	1980	rBV3	3156	3640	1.73%	0.203%
33	13.916	1981	1984	1988	rVV5	6434	8910	4.22%	0.497%
34	13.971	1988	1993	1997	rVB3	9454	15166	7.19%	0.846%
35	14.013	1997	2000	2006	rVB7	2994	4607	2.18%	0.257%
36	14.080	2006	2011	2017	rVB4	10918	17254	8.18%	0.963%

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37	14.141	2017	2021	2022	rBV4	4008	4779	2.26%	0.267%
38	14.257	2028	2040	2044	rBV4	9820	27797	13.17%	1.551%
39	14.379	2057	2060	2064	rBV5	6047	8725	4.13%	0.487%
40	14.422	2064	2067	2072	rVB4	7456	9408	4.46%	0.525%
41	14.477	2072	2076	2081	rBV8	2845	5604	2.66%	0.313%
42	14.519	2081	2083	2086	rVB4	3779	3515	1.67%	0.196%
43	14.562	2086	2090	2093	rBV3	6454	9456	4.48%	0.528%
44	14.611	2094	2098	2103	rVB4	16878	24654	11.68%	1.376%
45	14.684	2103	2110	2114	rBV3	15829	35371	16.76%	1.974%
46	14.733	2114	2118	2124	rVB8	8097	15082	7.15%	0.842%
47	14.836	2124	2135	2139	rBV3	11699	20769	9.84%	1.159%
48	14.940	2149	2152	2155	rVV4	4708	5563	2.64%	0.310%
49	15.056	2165	2171	2176	rVB6	5861	12642	5.99%	0.706%
50	15.123	2178	2182	2185	rBV6	1726	2948	1.40%	0.165%
51	15.214	2192	2197	2199	rBV5	5311	8941	4.24%	0.499%
52	15.312	2206	2213	2219	rBV3	10958	26775	12.69%	1.494%
53	15.434	2229	2233	2240	rVB9	6118	13708	6.50%	0.765%
54	15.531	2240	2249	2255	rVB9	4366	12764	6.05%	0.712%
55	15.599	2258	2260	2265	rVV6	1795	2971	1.41%	0.166%
56	15.672	2267	2272	2273	rVV5	1844	3269	1.55%	0.182%
57	15.727	2276	2281	2288	rVB4	9722	20228	9.59%	1.129%
58	15.891	2306	2308	2313	rVB5	2438	3007	1.43%	0.168%
59	16.037	2325	2332	2339	rBV9	5719	13535	6.41%	0.755%
60	16.233	2361	2364	2369	rVB6	3642	6074	2.88%	0.339%
61	16.489	2399	2406	2411	rBV7	2012	4589	2.17%	0.256%

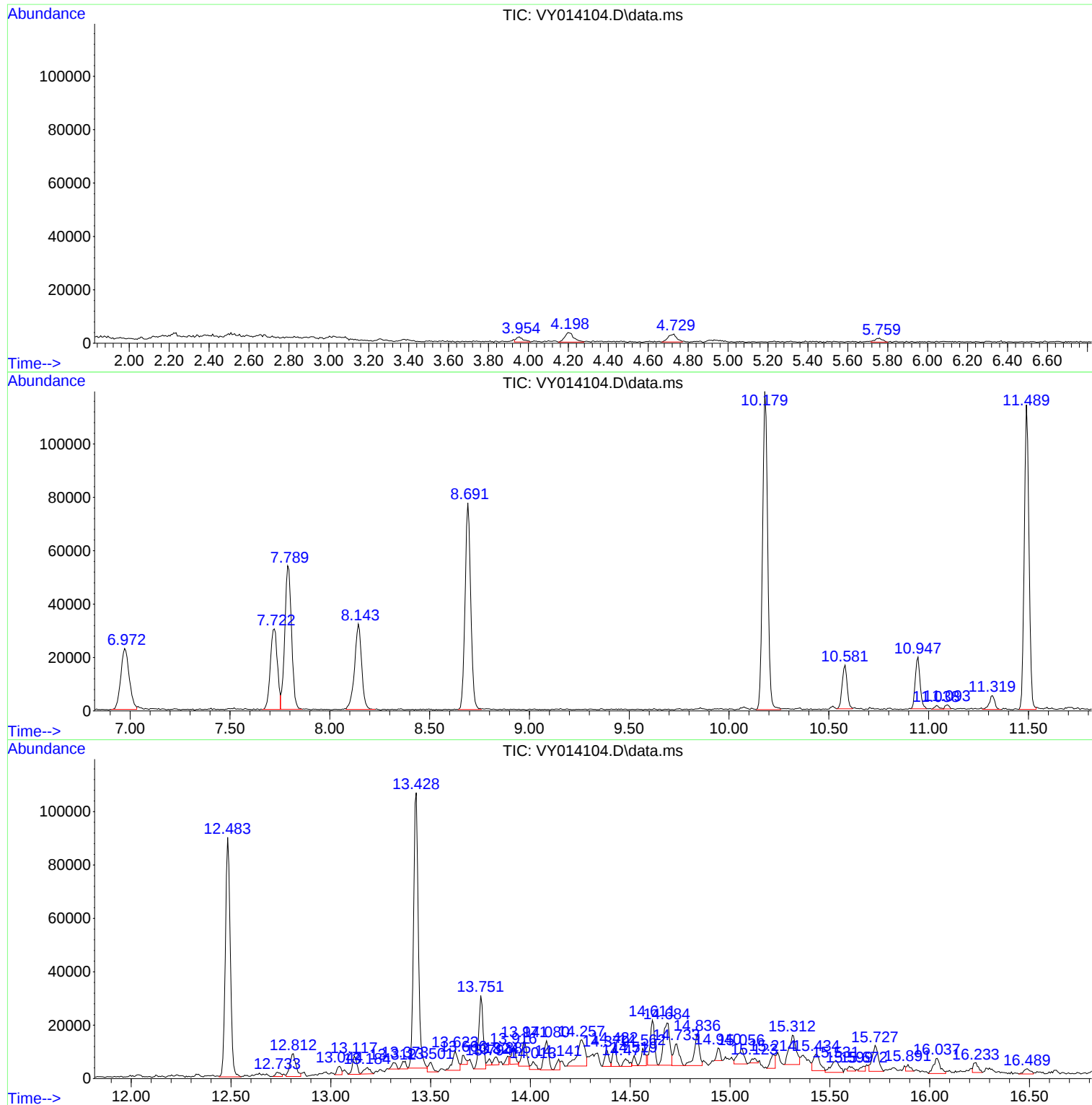
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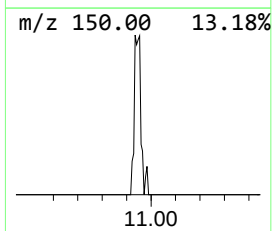
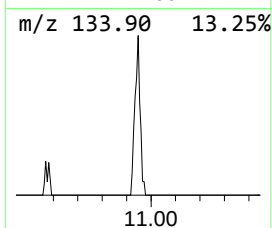
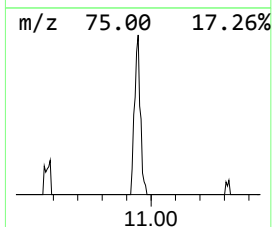
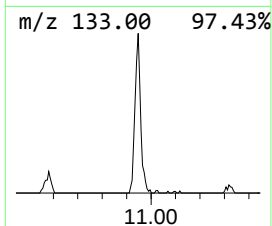
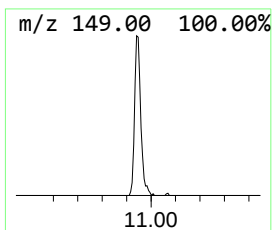
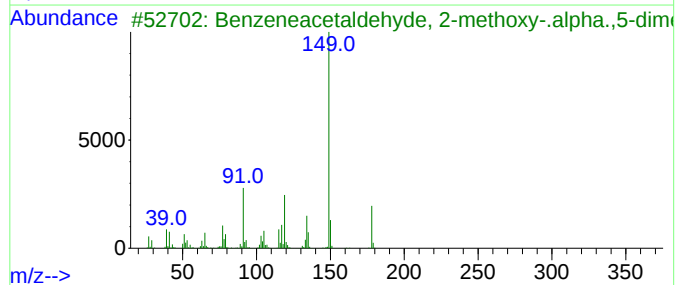
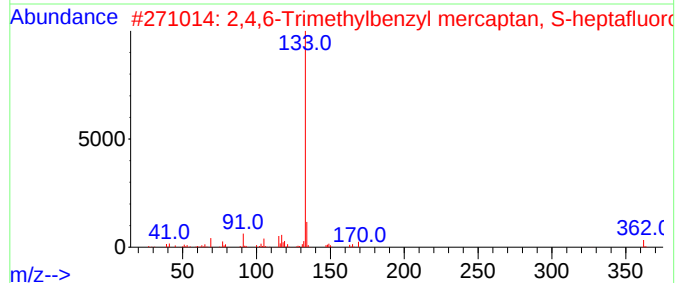
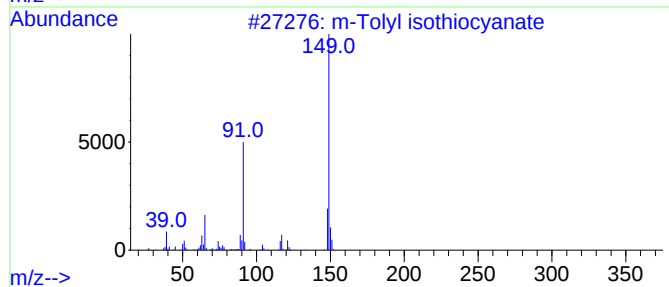
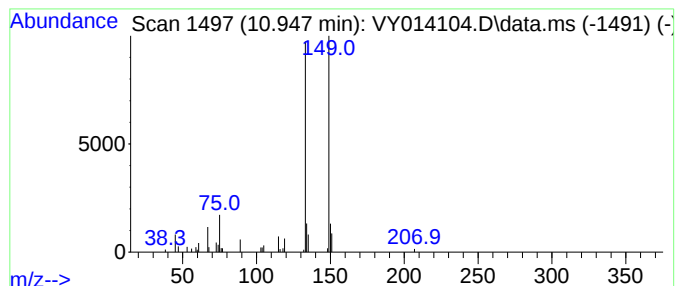
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown10.947 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	8.76 ug/l	32601	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	35
2			2,4,6-Trimethylbenzyl mercaptan,...	362	C14H13F7OS	1000469-60-5	35
3			Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	32
4			Thioglycolic acid, tert-butyldim...	206	C8H18O2SSi	1000476-01-2	32
5			Silane, diethoxydimethyl-	148	C6H16O2Si	000078-62-6	25



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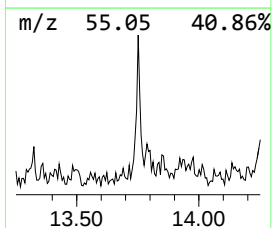
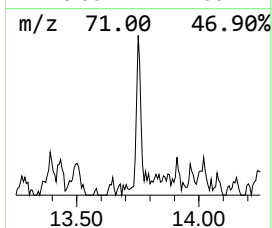
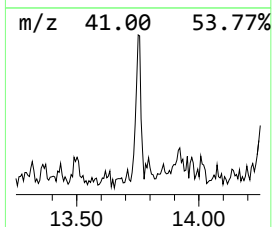
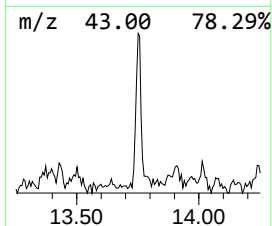
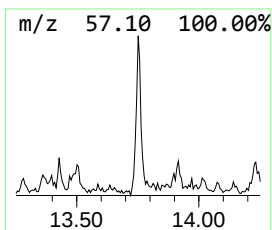
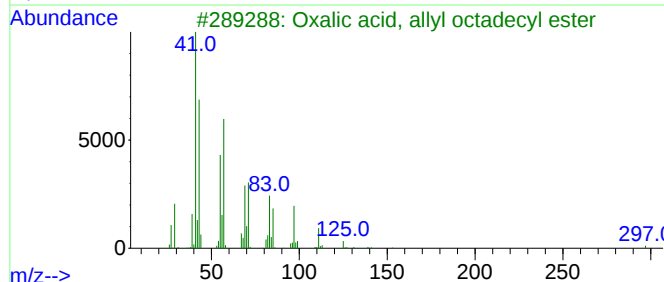
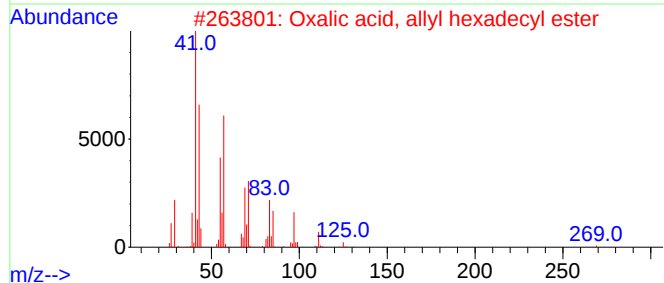
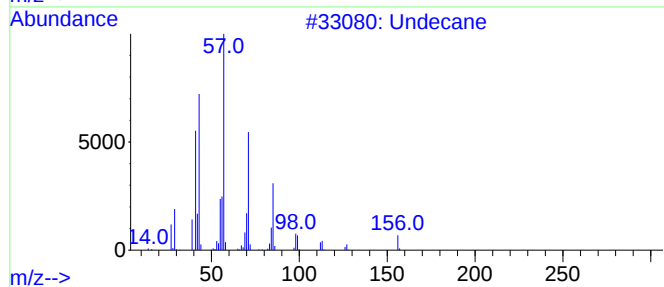
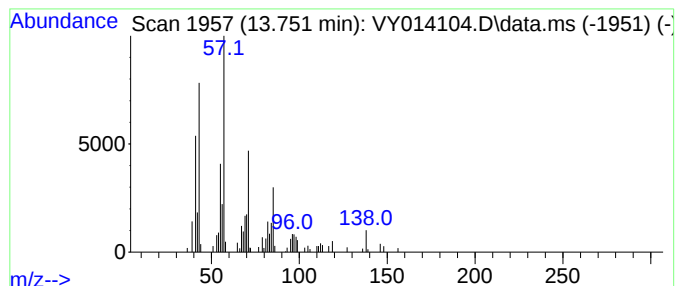
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	11.89 ug/l	40359	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	72
2			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	64
3			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	64
4			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	64
5			Decane	142	C10H22	000124-18-5	64



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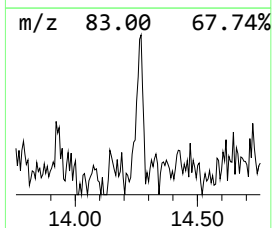
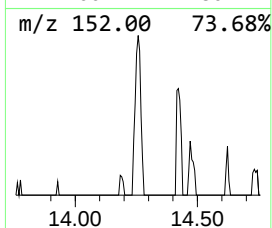
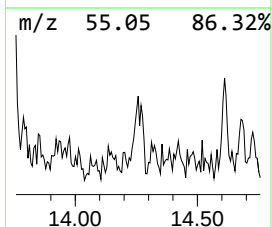
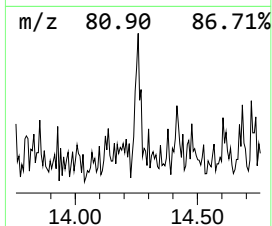
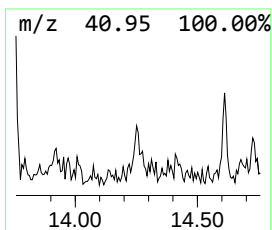
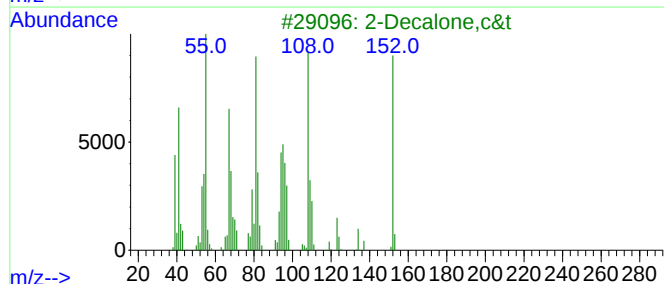
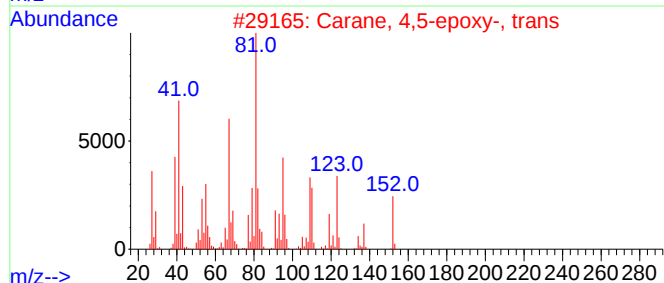
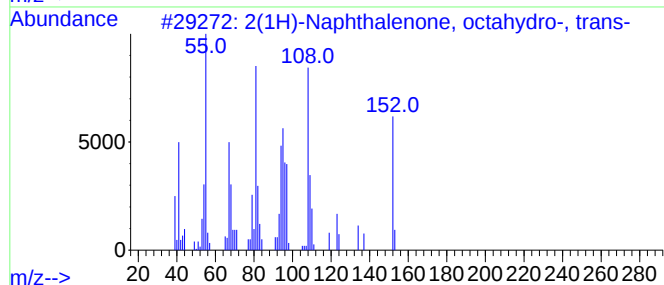
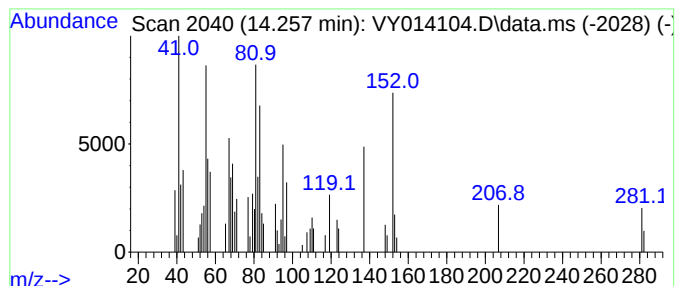
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2(1H)-Naphthalenone, octahy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	8.19 ug/l	27797	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	78
2			Carane, 4,5-epoxy-, trans	152	C10H16O	006909-20-2	58
3			2-Decalone,c&t	152	C10H16O	004832-17-1	53
4			Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	46
5			Pulegone	152	C10H16O	000089-82-7	45



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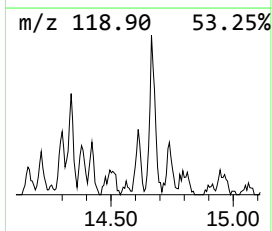
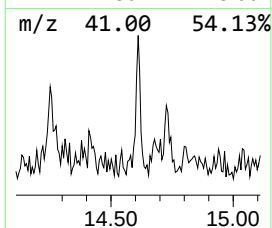
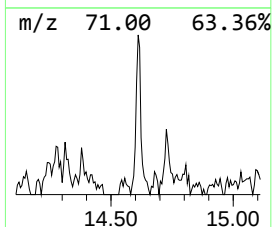
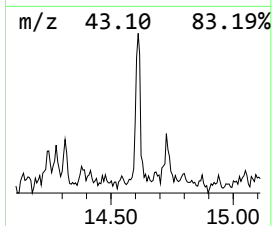
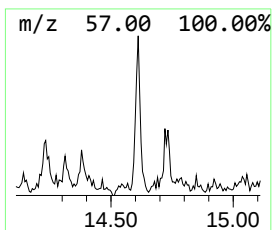
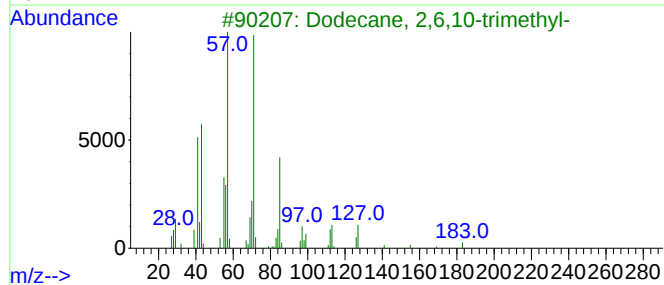
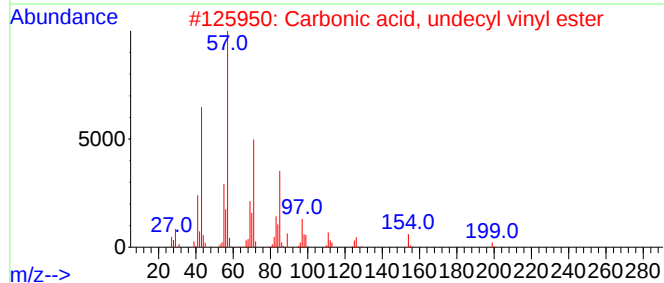
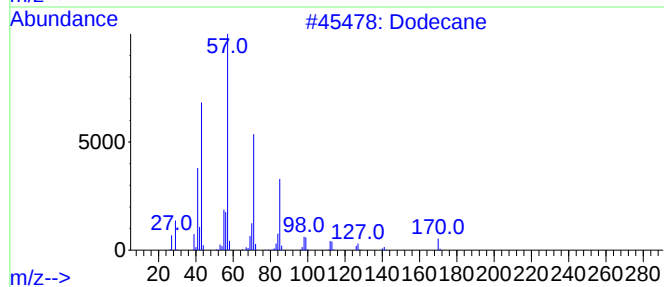
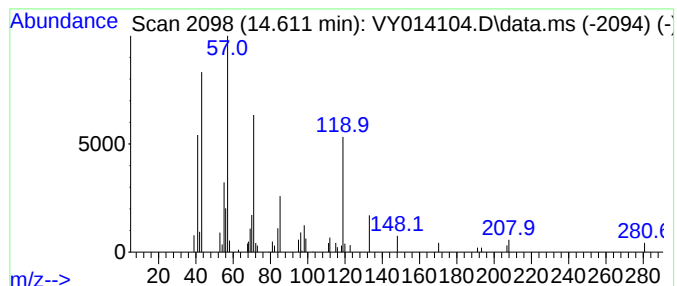
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown14.611 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	7.26 ug/l	24654	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	45
2			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	38
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	35
4			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	35
5			Undecane	156	C11H24	001120-21-4	35



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NB-8-060823

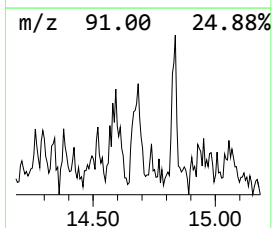
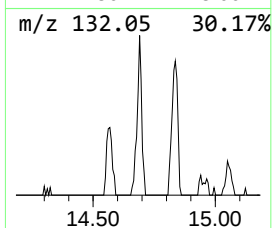
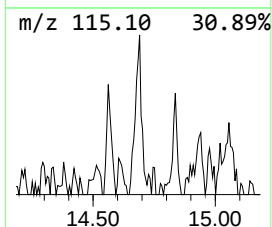
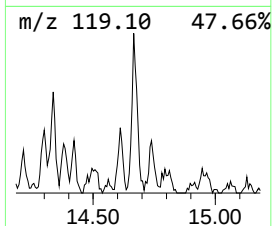
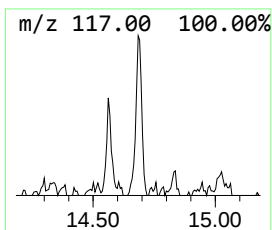
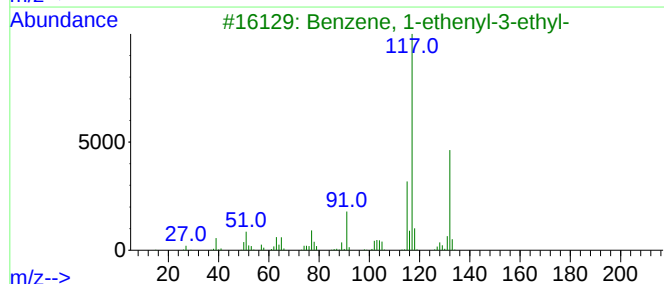
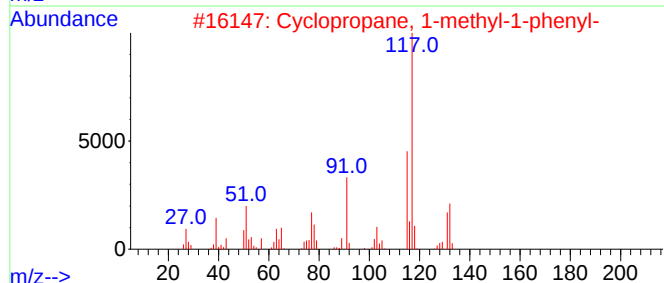
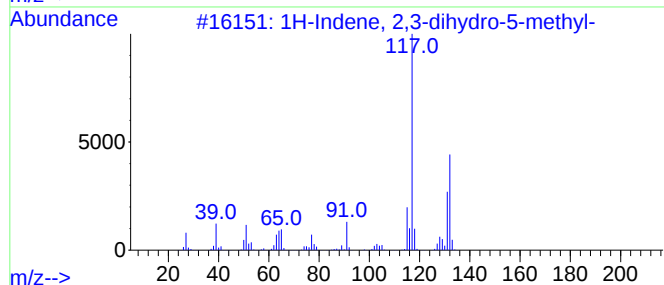
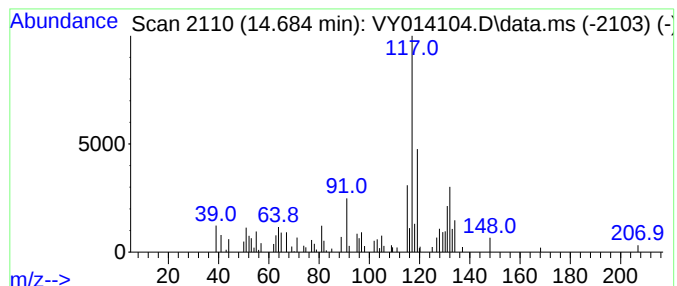
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	10.42 ug/l	35371	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	60
2			Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	60
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	53
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
Data File : VY014104.D
Acq On : 09 Jun 2023 18:58
Operator : KP/MD
Sample : 03103-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

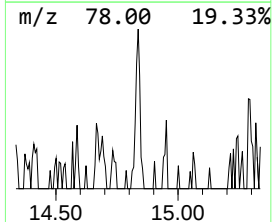
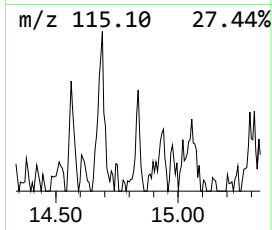
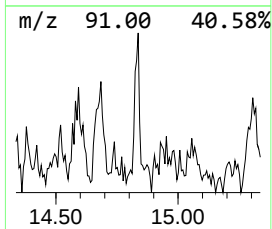
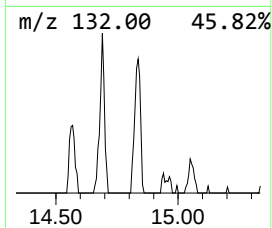
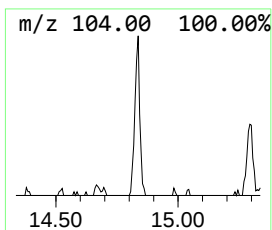
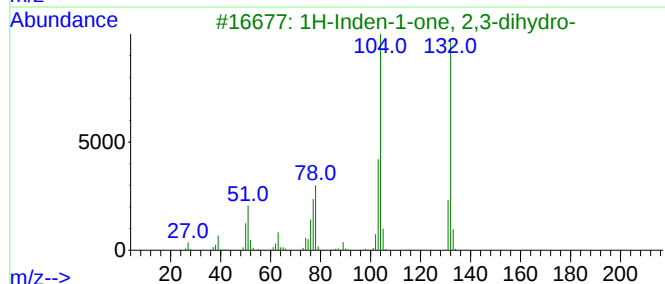
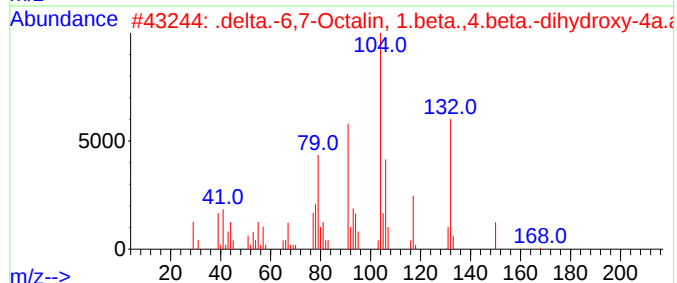
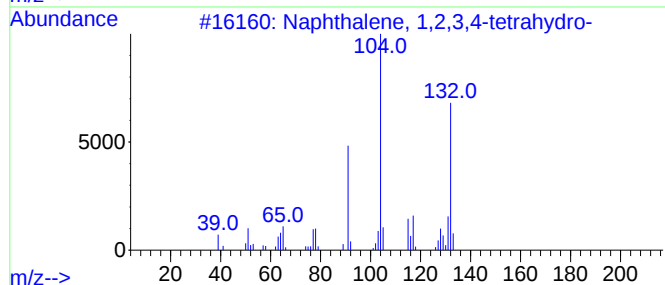
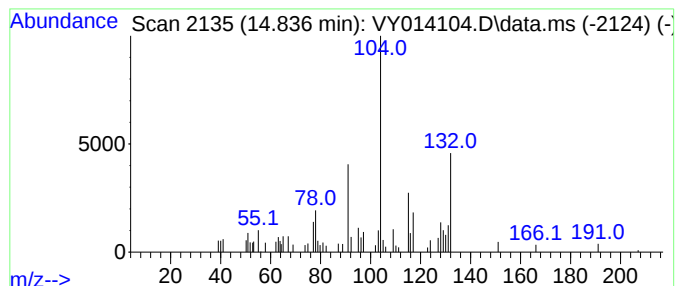
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	6.12 ug/l	20769	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	68
2			.delta.-6,7-Octalin, 1.beta.,4.b...	168	C10H16O2	051921-13-2	50
3			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	47
4			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43
5			2-Bromopropionic acid, 2-phenyle...	256	C11H13BrO2	043216-34-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
Data File : VY014104.D
Acq On : 09 Jun 2023 18:58
Operator : KP/MD
Sample : 03103-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

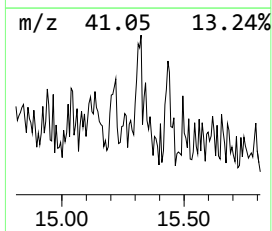
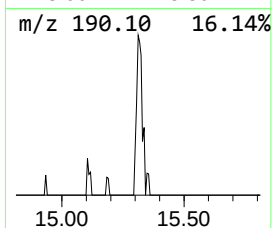
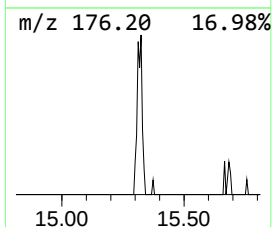
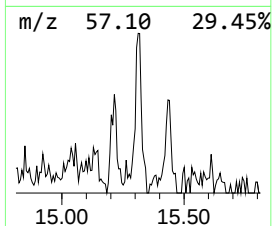
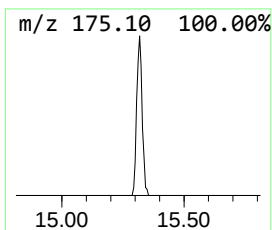
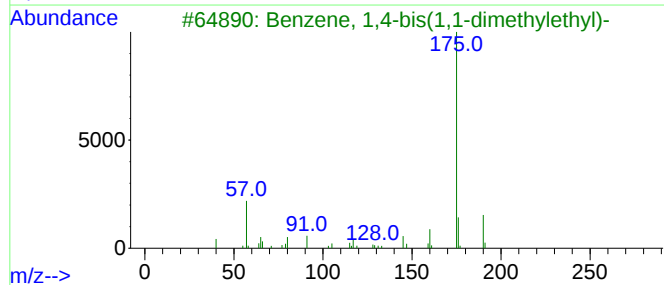
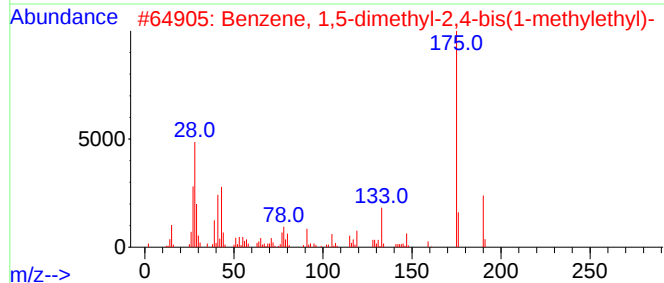
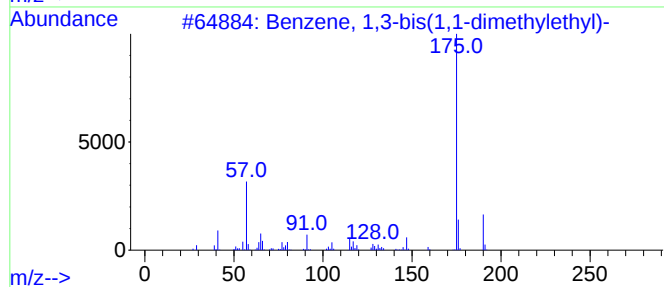
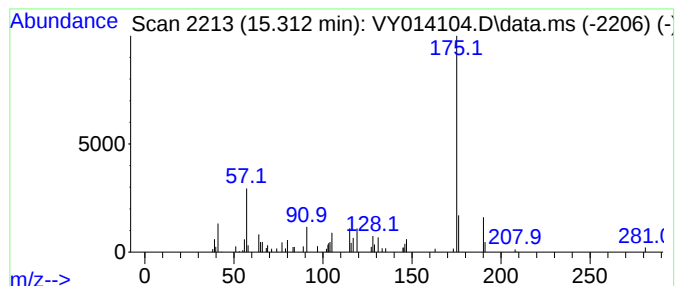
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	7.89 ug/l	26775	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
2			Benzene, 1,5-dimethyl-2,4-bis(1-...	190	C14H22	005186-68-5	78
3			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
4			Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	72
5			m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
Data File : VY014104.D
Acq On : 09 Jun 2023 18:58
Operator : KP/MD
Sample : 03103-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

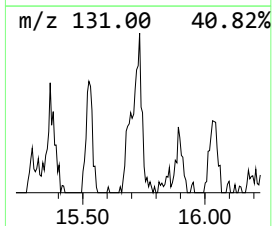
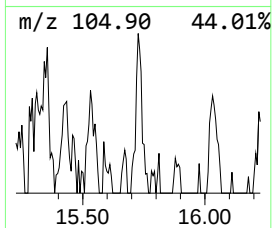
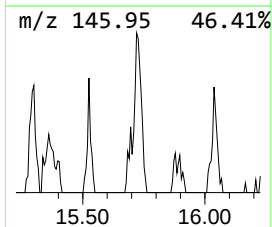
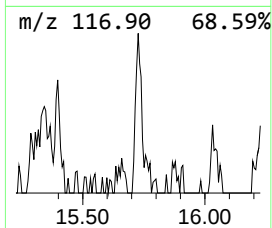
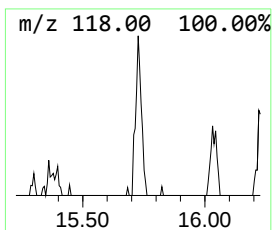
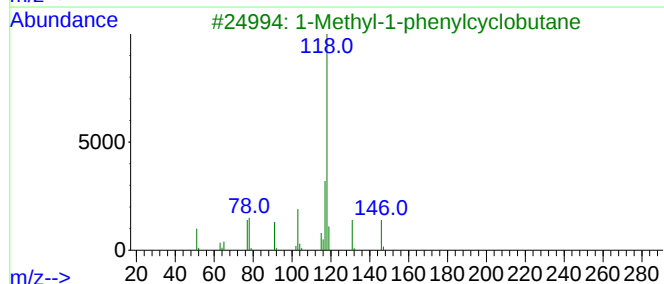
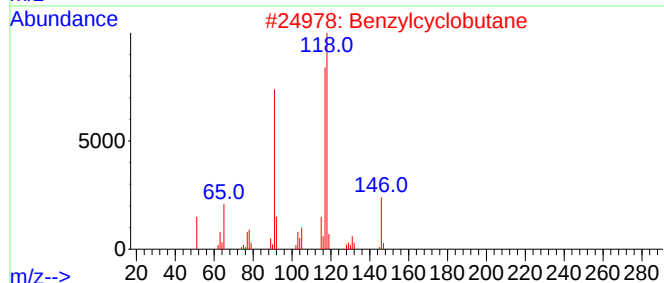
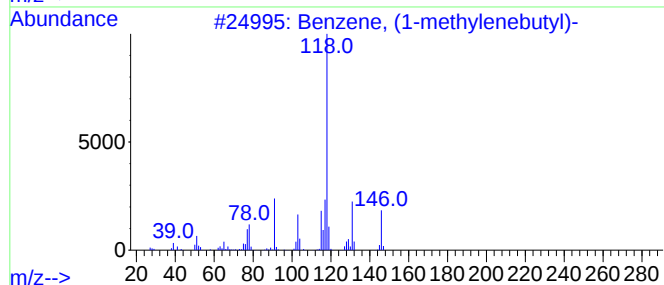
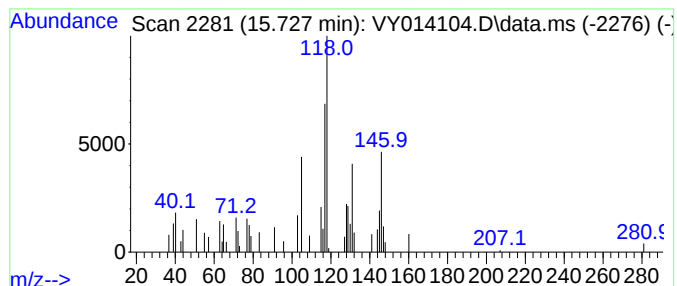
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, (1-methylenebutyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	5.96 ug/l	20228	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	64
2			Benzylcyclobutane	146	C11H14	005244-88-2	43
3			1-Methyl-1-phenylcyclobutane	146	C11H14	007306-05-0	43
4			2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	43
5			4-Trifluoromethylbenzoic acid, 3...	308	C17H15F3O2	150272-46-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
Data File : VY014104.D
Acq On : 09 Jun 2023 18:58
Operator : KP/MD
Sample : 03103-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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					#	RT	Resp	Conc
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Undecane	13.751	11.9	ug/l	40359	4	13.428	169727	50.0
2(1H)-Naphthale...	14.257	8.2	ug/l	27797	4	13.428	169727	50.0
unknown14.611	14.611	7.3	ug/l	24654	4	13.428	169727	50.0
1H-Indene, 2,3-...	14.684	10.4	ug/l	35371	4	13.428	169727	50.0
Naphthalene, 1,...	14.836	6.1	ug/l	20769	4	13.428	169727	50.0
Benzene, 1,3-bi...	15.312	7.9	ug/l	26775	4	13.428	169727	50.0
Benzene, (1-met...	15.727	6.0	ug/l	20228	4	13.428	169727	50.0