

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015348.D
 Acq On : 25 Aug 2023 17:26
 Operator : SY/MD
 Sample : 04183-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-082523

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: VY015348.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	43	49	51	rBV3	1627	2403	1.20%	0.100%
2	4.710	464	474	484	rVB4	5289	16872	8.43%	0.702%
3	5.740	636	643	652	rVB4	2046	6058	3.03%	0.252%
4	6.978	834	846	861	rBV2	9886	32251	16.11%	1.342%
5	7.716	956	967	972	rBV2	26901	64974	32.46%	2.703%
6	7.783	972	978	990	rVB	53644	120002	59.95%	4.993%
7	8.136	1025	1036	1046	rBV	26649	65087	32.52%	2.708%
8	8.685	1116	1126	1136	rBV	73004	146867	73.37%	6.111%
9	10.179	1364	1371	1378	rVV	112518	200160	100.00%	8.328%
10	10.246	1378	1382	1388	rVB7	1691	3880	1.94%	0.161%
11	10.575	1430	1436	1442	rBV2	9047	15436	7.71%	0.642%
12	10.947	1490	1497	1502	rBV4	3102	5400	2.70%	0.225%
13	11.044	1505	1513	1516	rVV4	1569	2330	1.16%	0.097%
14	11.282	1543	1552	1555	rBV5	2043	4964	2.48%	0.207%
15	11.319	1555	1558	1562	rVV4	2872	3923	1.96%	0.163%
16	11.374	1564	1567	1574	rVB2	1669	2675	1.34%	0.111%
17	11.489	1579	1586	1593	rBV	97598	161850	80.86%	6.734%
18	11.685	1611	1618	1619	rBV6	1612	3093	1.55%	0.129%
19	11.715	1619	1623	1630	rVV6	7203	15054	7.52%	0.626%
20	11.776	1630	1633	1637	rVB7	2360	3428	1.71%	0.143%
21	12.026	1664	1674	1682	rBV5	7329	24708	12.34%	1.028%
22	12.124	1686	1690	1693	rVB2	3861	4652	2.32%	0.194%
23	12.197	1699	1702	1704	rBV2	3504	4339	2.17%	0.181%
24	12.239	1706	1709	1719	rVB5	6664	14781	7.38%	0.615%
25	12.325	1719	1723	1724	rBV3	1821	2263	1.13%	0.094%
26	12.367	1724	1730	1731	rBV5	3633	5025	2.51%	0.209%
27	12.410	1734	1737	1740	rBV5	3454	4473	2.23%	0.186%
28	12.483	1744	1749	1754	rBV2	80954	128521	64.21%	5.347%
29	12.562	1760	1762	1766	rVB5	1653	2255	1.13%	0.094%
30	12.642	1772	1775	1781	rVB7	4874	9073	4.53%	0.378%
31	12.721	1781	1788	1789	rBV6	4521	7139	3.57%	0.297%
32	12.776	1792	1797	1798	rVV2	9388	16068	8.03%	0.669%
33	12.806	1798	1802	1807	rVV2	39966	66901	33.42%	2.784%
34	12.855	1807	1810	1815	rVV4	7934	13607	6.80%	0.566%
35	12.922	1816	1821	1822	rVV5	5540	9465	4.73%	0.394%
36	12.965	1822	1828	1834	rVV5	13343	37935	18.95%	1.578%

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37	13.038	1836	1840	1847	rVV2	18287	30565	15.27%	1.272%
38	13.099	1847	1850	1857	rVB9	2446	5390	2.69%	0.224%
39	13.166	1858	1861	1866	rVV7	3537	6329	3.16%	0.263%
40	13.227	1867	1871	1872	rVV3	2199	2923	1.46%	0.122%
41	13.245	1872	1874	1878	rVB3	5160	5989	2.99%	0.249%
42	13.318	1878	1886	1890	rBV5	20188	44555	22.26%	1.854%
43	13.361	1890	1893	1897	rVV5	9096	12224	6.11%	0.509%
44	13.422	1897	1903	1913	rVB2	94237	175278	87.57%	7.293%
45	13.501	1913	1916	1919	rBV2	6761	8265	4.13%	0.344%
46	13.556	1923	1925	1928	rVB4	2144	2276	1.14%	0.095%
47	13.623	1931	1936	1939	rVV2	18631	29222	14.60%	1.216%
48	13.666	1939	1943	1951	rVB2	16524	32824	16.40%	1.366%
49	13.751	1951	1957	1961	rBV3	43369	69633	34.79%	2.897%
50	13.800	1961	1965	1966	rVV4	4781	6805	3.40%	0.283%
51	13.824	1966	1969	1976	rVB3	10237	17893	8.94%	0.744%
52	13.916	1980	1984	1988	rBV6	8293	13999	6.99%	0.582%
53	13.965	1988	1992	1997	rVB3	19042	28899	14.44%	1.202%
54	14.013	1997	2000	2005	rVB6	8756	12965	6.48%	0.539%
55	14.074	2005	2010	2016	rVB3	22827	36809	18.39%	1.532%
56	14.141	2016	2021	2027	rBV7	7090	16534	8.26%	0.688%
57	14.202	2027	2031	2032	rBV4	6122	8115	4.05%	0.338%
58	14.251	2035	2039	2051	rVB9	19711	44280	22.12%	1.842%
59	14.379	2056	2060	2063	rVV3	12329	17163	8.57%	0.714%
60	14.422	2063	2067	2071	rVV5	14818	21028	10.51%	0.875%
61	14.483	2072	2077	2080	rVV7	5309	10287	5.14%	0.428%
62	14.519	2080	2083	2087	rVB3	6796	8907	4.45%	0.371%
63	14.562	2087	2090	2094	rBV3	5682	10454	5.22%	0.435%
64	14.611	2094	2098	2103	rVB3	20881	28732	14.35%	1.195%
65	14.684	2103	2110	2113	rBV4	29589	70260	35.10%	2.923%
66	14.727	2113	2117	2125	rVB5	35479	77172	38.56%	3.211%
67	14.836	2130	2135	2140	rVB2	16935	27682	13.83%	1.152%
68	14.940	2148	2152	2156	rBV4	11260	17175	8.58%	0.715%
69	14.977	2156	2158	2161	rVV	4671	4368	2.18%	0.182%
70	15.056	2165	2171	2176	rVB2	11829	22849	11.42%	0.951%
71	15.233	2192	2200	2206	rBV	32131	69260	34.60%	2.882%
72	15.288	2206	2209	2214	rBV4	8562	14531	7.26%	0.605%
73	15.434	2229	2233	2240	rVB5	13305	25554	12.77%	1.063%
74	15.519	2242	2247	2256	rVV8	6670	18496	9.24%	0.770%
75	15.605	2256	2261	2266	rVB7	4792	8656	4.32%	0.360%
76	15.690	2271	2275	2276	rVV3	5678	9038	4.52%	0.376%

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77	15.727	2277	2281	2288	rVB4	15568	28612	14.29%	1.190%
78	16.037	2325	2332	2336	rBV6	9523	19513	9.75%	0.812%
79	16.153	2348	2351	2354	rBV5	2785	3763	1.88%	0.157%
80	16.226	2358	2363	2369	rVV4	9677	19949	9.97%	0.830%
81	16.293	2369	2374	2379	rVB6	4525	8702	4.35%	0.362%
82	16.489	2400	2406	2414	rBV6	4004	13185	6.59%	0.549%
83	16.623	2422	2428	2435	rVB10	2753	8381	4.19%	0.349%

Sum of corrected areas: 2403401

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MSVOA_Y
ClientSampleId :
HR-04-082523

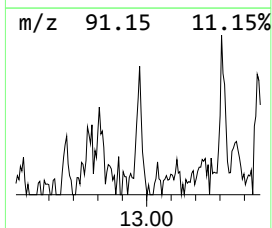
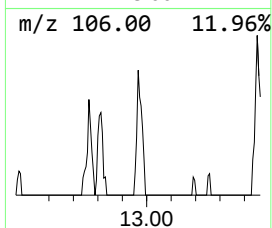
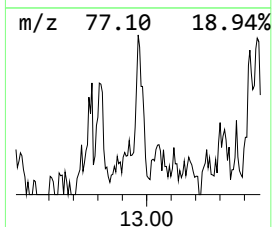
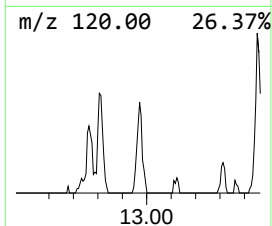
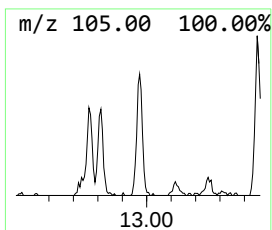
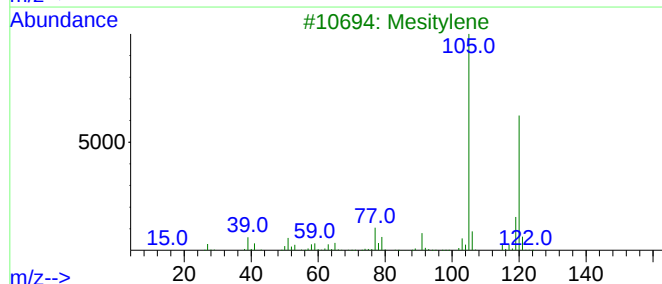
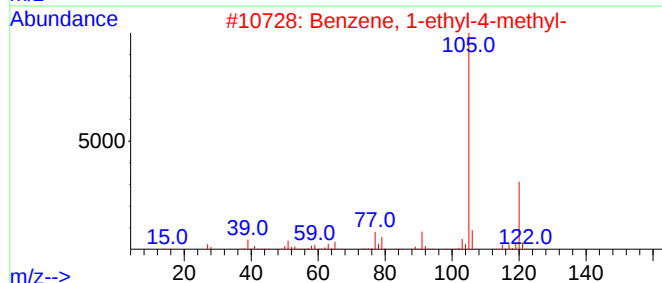
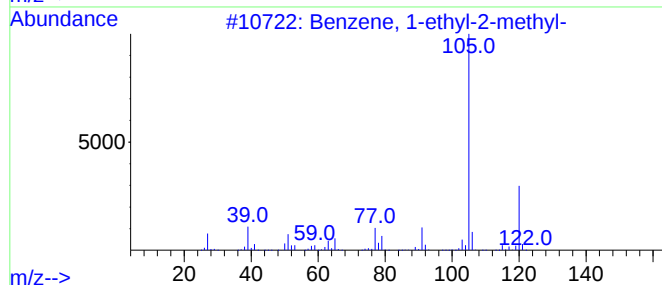
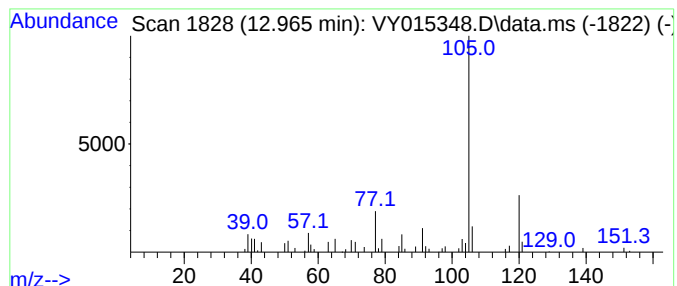
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	10.82 ug/l	37935	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3			Mesitylene	120	C9H12	000108-67-8	87
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86



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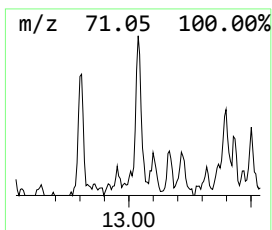
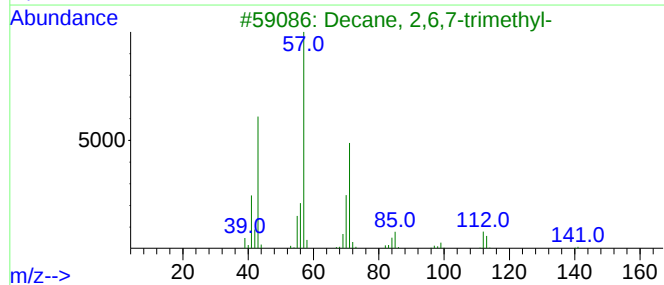
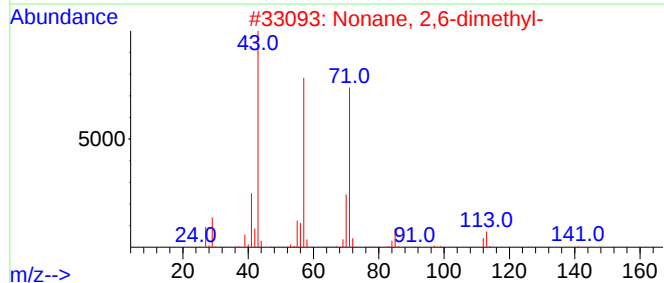
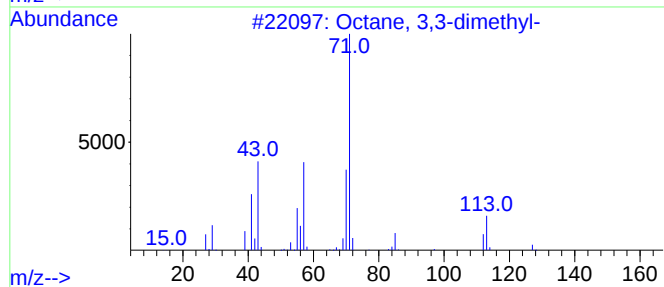
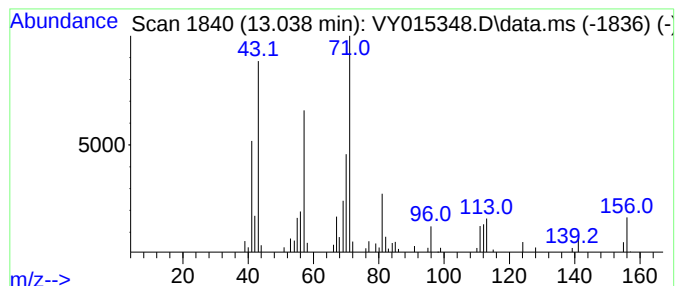
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 3 Octane, 3,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	8.72 ug/l	30565	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
3			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
4			n-Amyl ether	158	C10H22O	000693-65-2	47
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47



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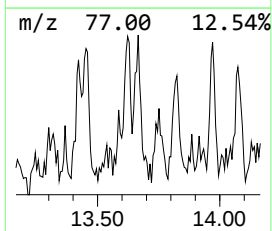
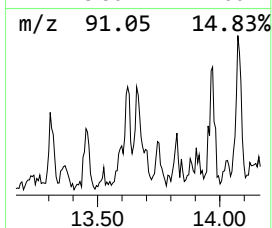
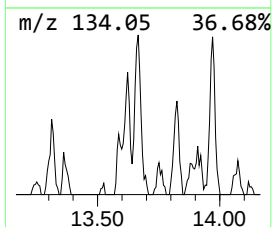
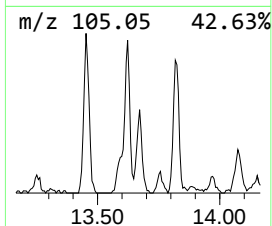
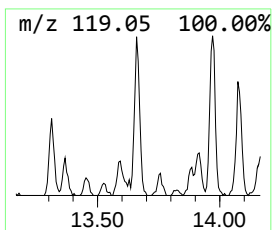
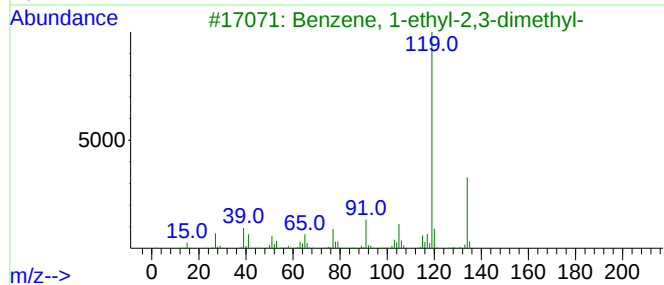
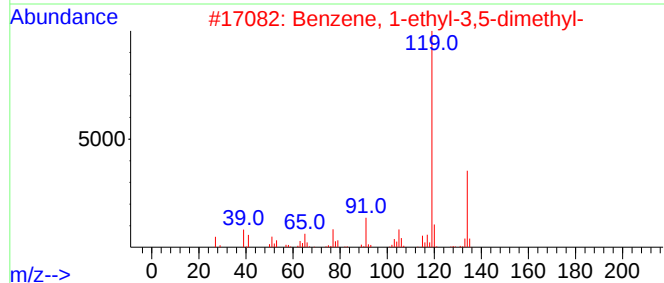
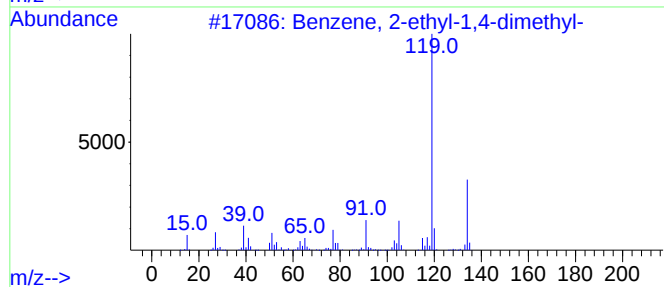
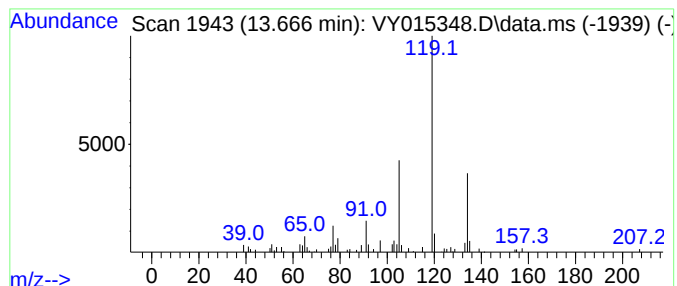
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	9.36 ug/l	32824	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87



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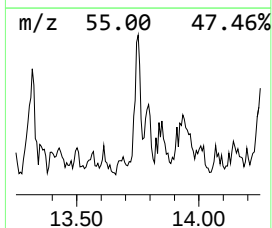
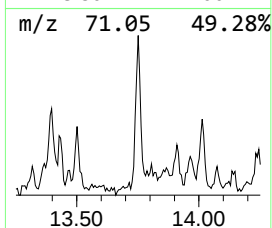
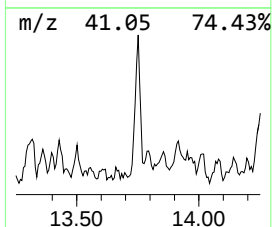
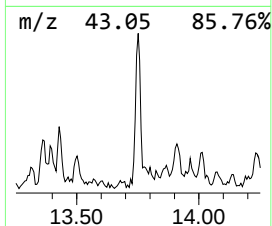
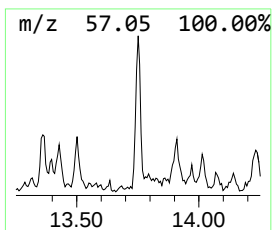
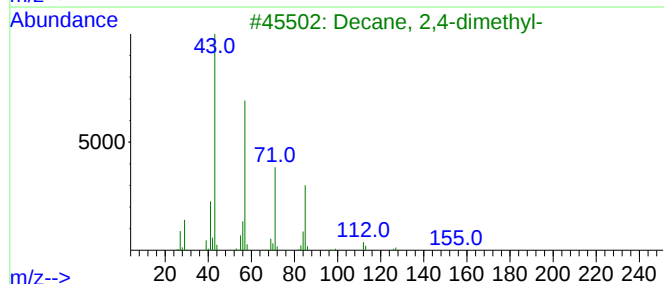
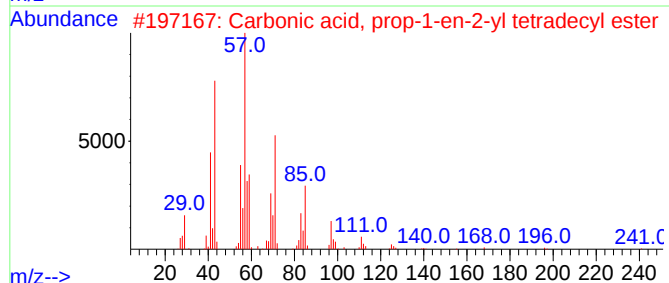
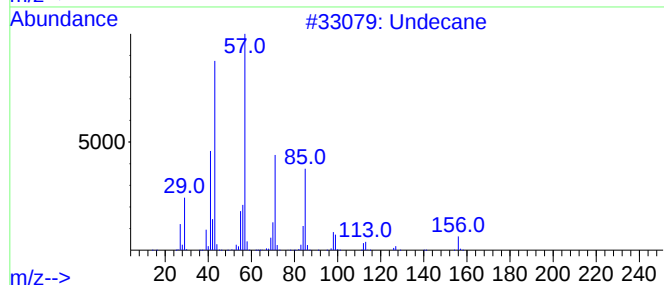
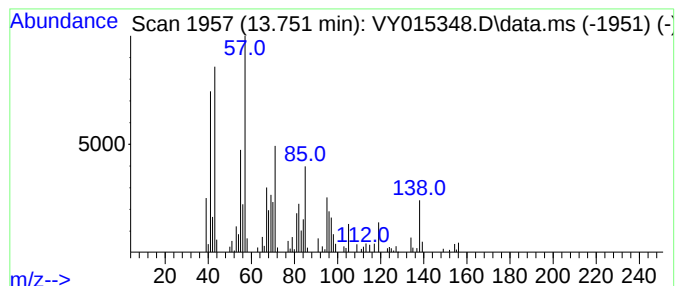
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown13.751 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	19.86 ug/l	69633	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	46
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	43
3			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	35
4			Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	35
5			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015348.D
Acq On : 25 Aug 2023 17:26
Operator : SY/MD
Sample : 04183-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-082523

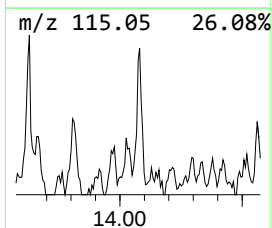
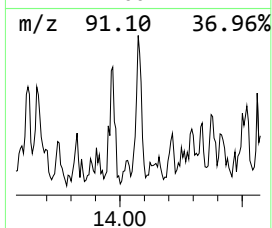
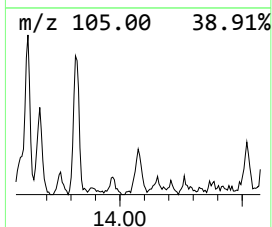
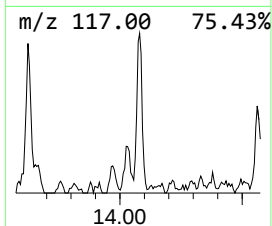
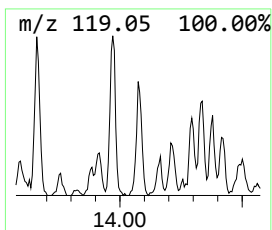
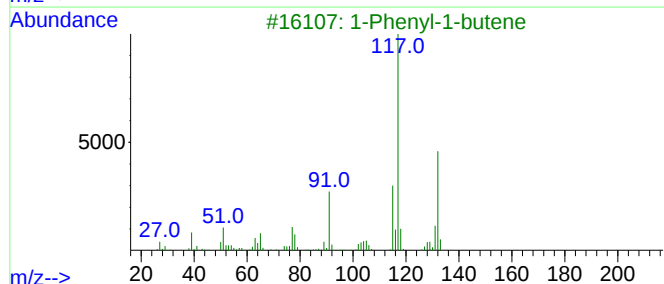
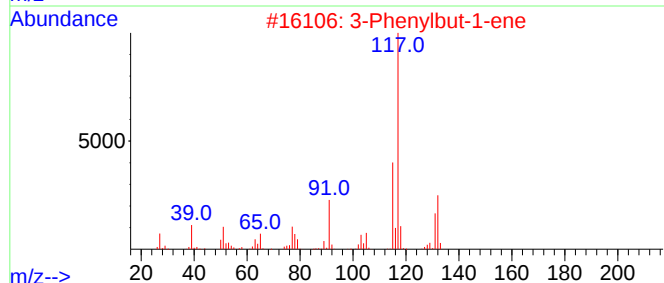
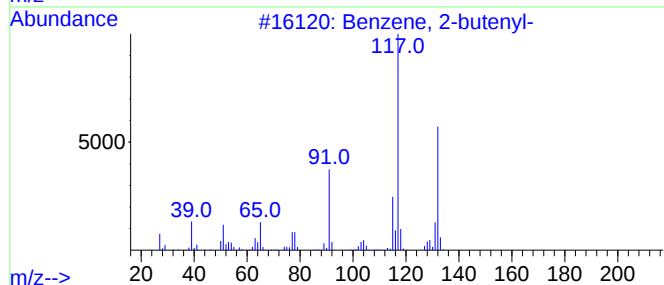
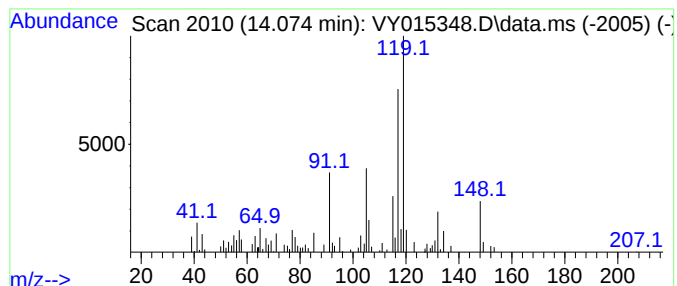
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.074 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.074	10.50 ug/l	36809	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	46
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	46
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	46
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46
5			Indan, 1-methyl-	132	C10H12	000767-58-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015348.D
Acq On : 25 Aug 2023 17:26
Operator : SY/MD
Sample : 04183-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

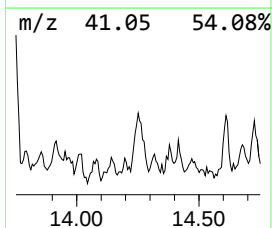
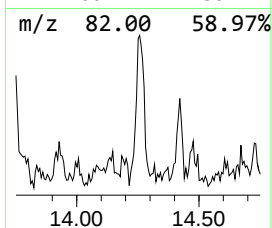
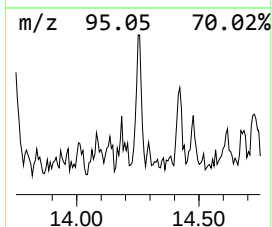
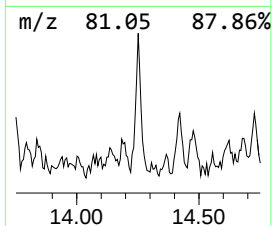
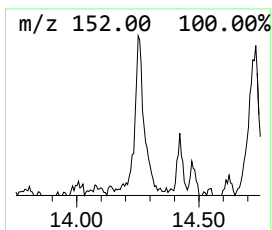
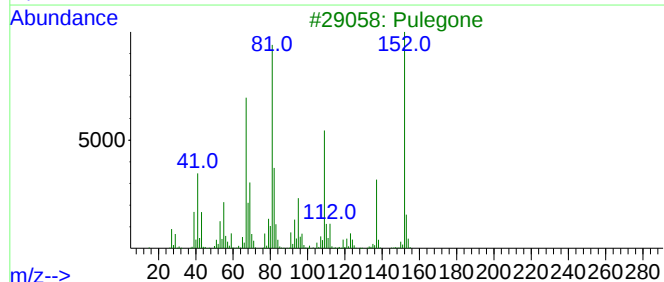
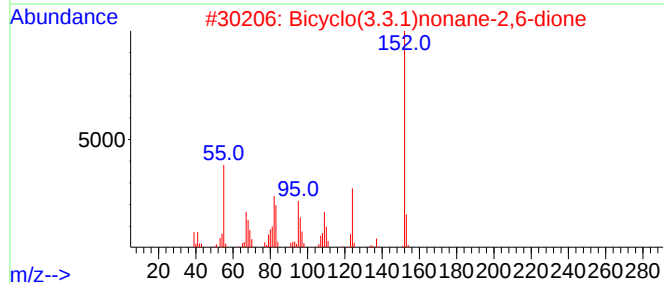
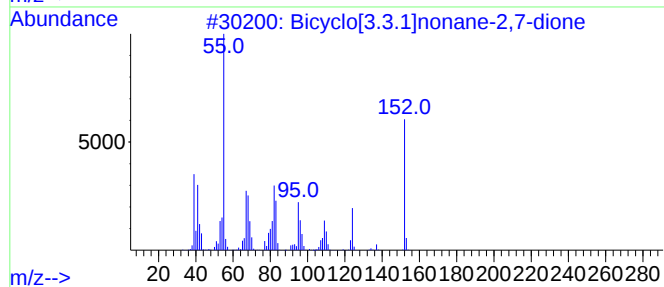
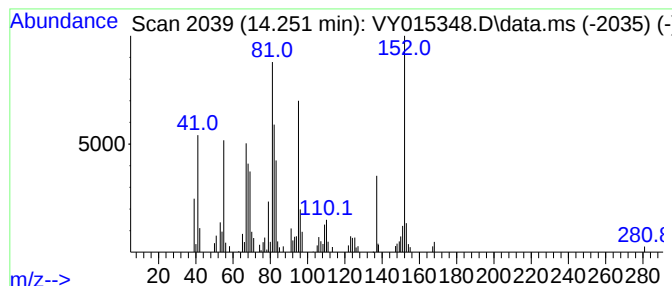
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MSVOA_Y
ClientSampleId :
HR-04-082523

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 Bicyclo[3.3.1]nonane-2,7-dione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.251	12.63 ug/l	44280	1,4-Dichlorobenzene-d4		13.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane-2,7-dione		152	C9H12O2	1000210-30-3	70
2	Bicyclo(3.3.1)nonane-2,6-dione		152	C9H12O2	016473-11-3	55
3	Pulegone		152	C10H16O	000089-82-7	52
4	Cyclohexanone, 2-methyl-5-(1-met...		152	C10H16O	005948-04-9	49
5	Cyclopentane, 1,3-dimethyl-2-(1-...		138	C10H18	061142-31-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015348.D
Acq On : 25 Aug 2023 17:26
Operator : SY/MD
Sample : 04183-05
Misc : 5.01g/5.0mL/MSVOA_Y/soil
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-082523

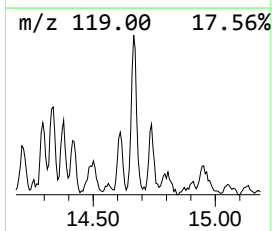
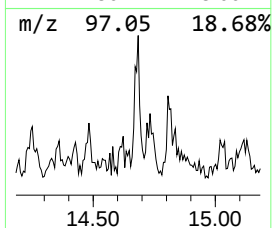
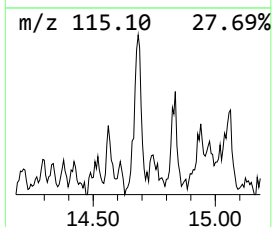
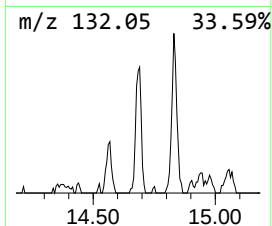
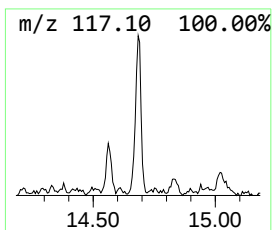
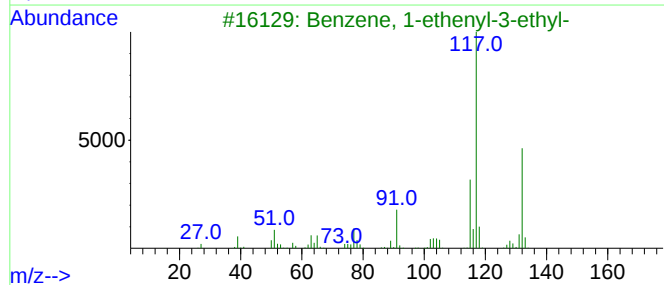
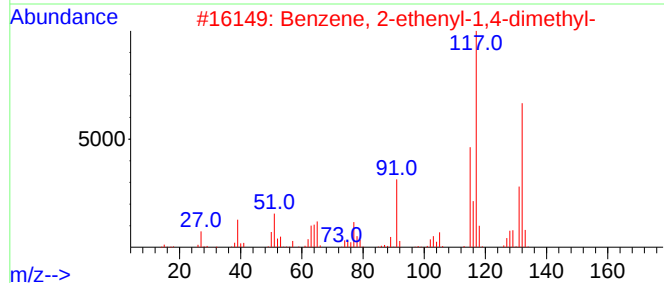
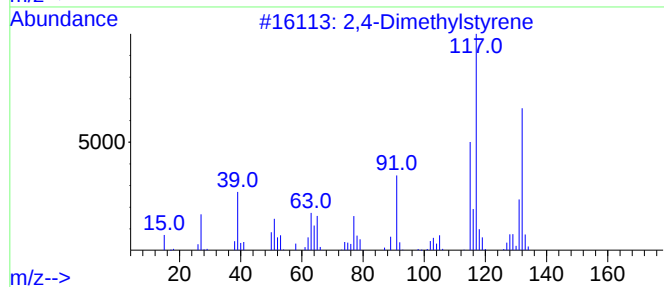
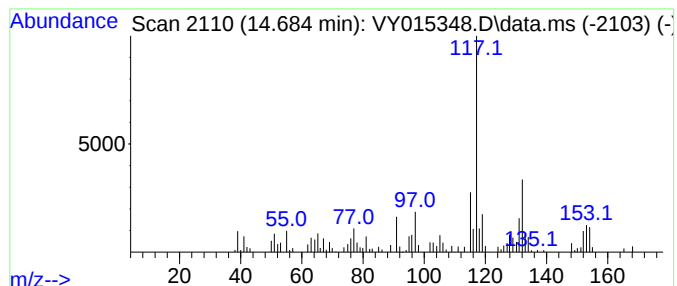
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Quant Title : SW846 8260

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

Peak Number 8 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	20.04 ug/l	70260	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015348.D
Acq On : 25 Aug 2023 17:26
Operator : SY/MD
Sample : 04183-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-082523

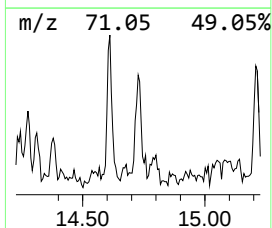
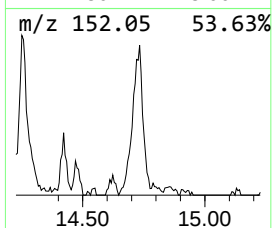
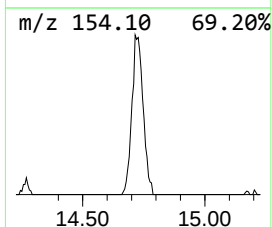
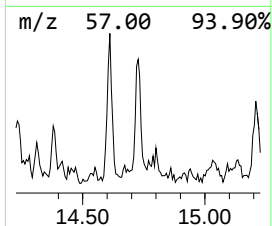
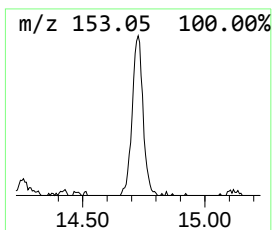
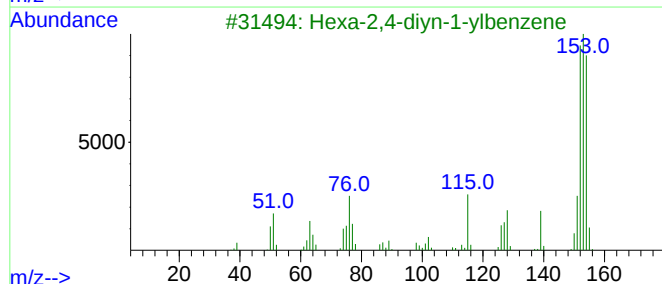
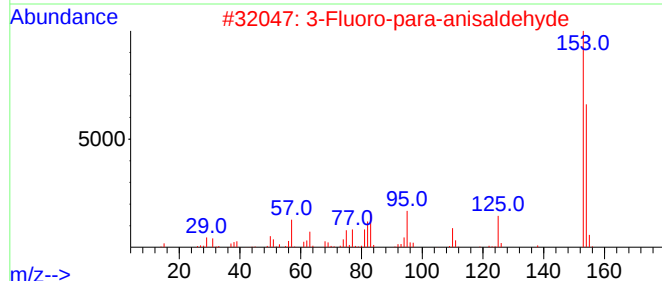
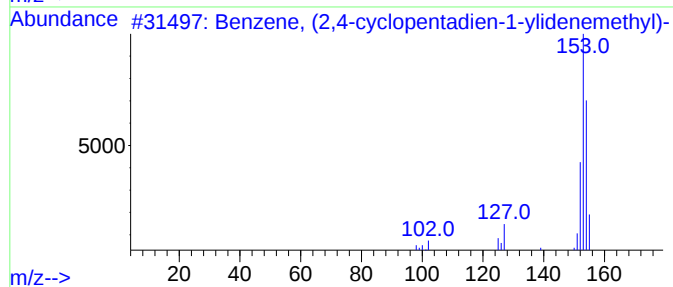
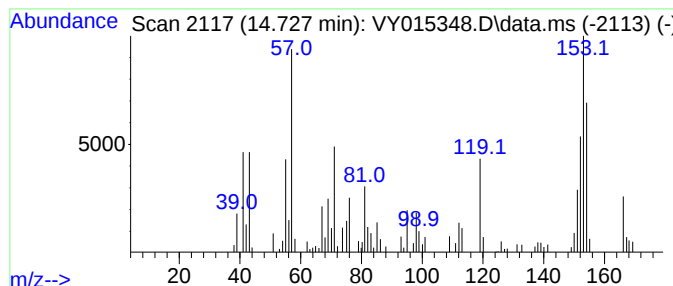
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Quant Title : SW846 8260

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

Peak Number 9 unknown14.727 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	22.01 ug/l	77172	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	38
2			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	30
3			Hexa-2,4-diy-1-ylbenzene	154	C12H10	000520-74-1	25
4			Thieno[2,3-b]thiophene,2-methyl-	154	C7H6S2	013393-75-4	22
5			3-Azaspiro[5.5]undecane	153	C10H19N	000180-44-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015348.D
Acq On : 25 Aug 2023 17:26
Operator : SY/MD
Sample : 04183-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-082523

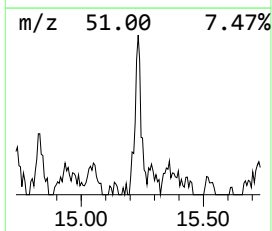
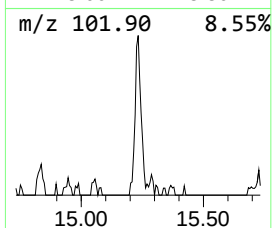
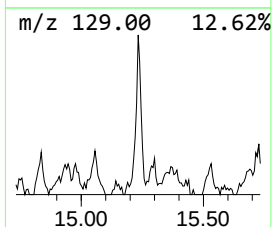
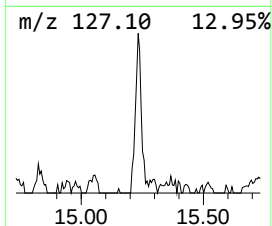
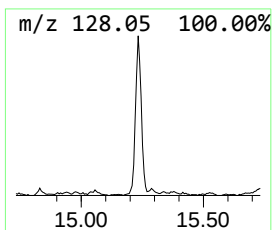
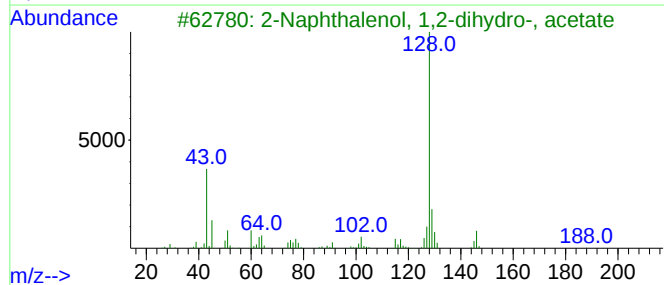
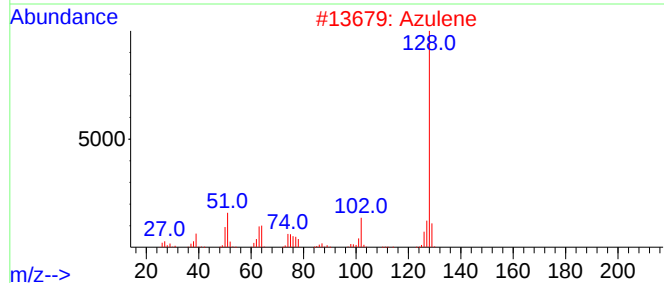
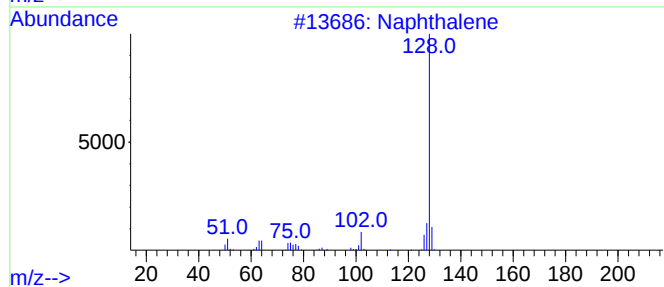
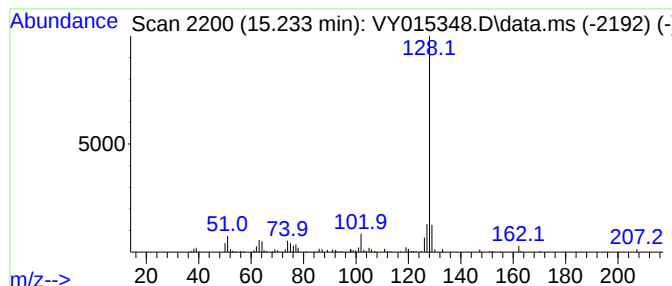
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Quant Title : SW846 8260

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

Peak Number 10 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	19.76 ug/l	69260	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	93
2			Azulene	128	C10H8	000275-51-4	90
3			2-Naphthalenol, 1,2-dihydro-, ac...	188	C12H12O2	132316-80-4	64
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	56
5			N-Methyl-9-aza-tricyclo[6.2.2.0(...	185	C12H11NO	013131-19-6	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015348.D
Acq On : 25 Aug 2023 17:26
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Sample : 04183-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-082523

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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Octane, 3,3-dim...	13.038	8.7	ug/l	30565	4	13.422	175278	50.0
Benzene, 2-ethy...	13.666	9.4	ug/l	32824	4	13.422	175278	50.0
unknown13.751	13.751	19.9	ug/l	69633	4	13.422	175278	50.0
unknown14.074	14.074	10.5	ug/l	36809	4	13.422	175278	50.0
Bicyclo[3.3.1]n...	14.251	12.6	ug/l	44280	4	13.422	175278	50.0
2,4-Dimethylsty...	14.684	20.0	ug/l	70260	4	13.422	175278	50.0
unknown14.727	14.727	22.0	ug/l	77172	4	13.422	175278	50.0
Azulene	15.233	19.8	ug/l	69260	4	13.422	175278	50.0