

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015088.D
 Acq On : 14 Aug 2023 18:46
 Operator : SY/MD
 Sample : 03989-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP24A

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: VY015088.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.942	339	348	361	rBV2	6200	18638	3.33%	0.336%
2	4.704	463	473	483	rBV2	5534	15914	2.84%	0.287%
3	5.740	632	643	653	rVB6	2652	7508	1.34%	0.136%
4	6.984	837	847	852	rBV2	2130	5859	1.05%	0.106%
5	7.710	957	966	972	rBV	46775	108600	19.39%	1.961%
6	7.783	972	978	987	rVB	80231	175694	31.37%	3.172%
7	8.136	1026	1036	1044	rBV	46126	100584	17.96%	1.816%
8	8.685	1117	1126	1136	rBV	115791	231629	41.36%	4.182%
9	10.173	1363	1370	1379	rBV	185633	321648	57.43%	5.807%
10	11.483	1577	1585	1595	rBV	176421	291617	52.07%	5.265%
11	12.233	1704	1708	1714	rVB7	4632	8059	1.44%	0.145%
12	12.331	1716	1724	1730	rBV	226558	353648	63.15%	6.384%
13	12.386	1730	1733	1739	rVV4	9334	15591	2.78%	0.281%
14	12.477	1743	1748	1754	rVV	146611	225722	40.30%	4.075%
15	12.581	1758	1765	1771	rVB	132306	215360	38.45%	3.888%
16	12.642	1771	1775	1783	rVB6	3895	7813	1.40%	0.141%
17	12.751	1783	1793	1794	rBV7	4776	9606	1.72%	0.173%
18	12.800	1794	1801	1807	rVB2	40024	71163	12.71%	1.285%
19	12.892	1807	1816	1823	rBV2	137813	264871	47.29%	4.782%
20	13.038	1836	1840	1846	rVB	23711	35705	6.38%	0.645%
21	13.123	1846	1854	1857	rBV7	7287	15858	2.83%	0.286%
22	13.221	1865	1870	1873	rBV5	9057	16732	2.99%	0.302%
23	13.337	1878	1889	1891	rBV4	36977	95810	17.11%	1.730%
24	13.361	1891	1893	1897	rVV2	33705	45404	8.11%	0.820%
25	13.422	1897	1903	1909	rVV	192043	304408	54.35%	5.496%
26	13.483	1909	1913	1922	rVB3	71619	129996	23.21%	2.347%
27	13.568	1922	1927	1928	rBV4	9181	13218	2.36%	0.239%
28	13.623	1933	1936	1939	rVB3	11237	13711	2.45%	0.248%
29	13.666	1939	1943	1951	rBV3	15088	34932	6.24%	0.631%
30	13.751	1951	1957	1961	rBV	120915	179350	32.02%	3.238%
31	13.818	1961	1968	1972	rBV	28690	48356	8.63%	0.873%
32	13.879	1975	1978	1980	rBV	9079	12113	2.16%	0.219%
33	13.910	1980	1983	1988	rVB3	35056	53282	9.51%	0.962%
34	13.965	1988	1992	1997	rVB2	29339	42284	7.55%	0.763%
35	14.013	1997	2000	2005	rVB3	13482	19693	3.52%	0.356%
36	14.074	2005	2010	2016	rVB2	45319	71662	12.80%	1.294%

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37	14.141	2016	2021	2026	rVB8	11421	23974	4.28%	0.433%
38	14.245	2027	2038	2040	rBV6	31898	98465	17.58%	1.778%
39	14.306	2045	2048	2056	rVB3	43180	91436	16.33%	1.651%
40	14.379	2056	2060	2063	rBV2	35078	44033	7.86%	0.795%
41	14.416	2063	2066	2073	rVB4	16695	23657	4.22%	0.427%
42	14.513	2076	2082	2086	rVV5	17590	33585	6.00%	0.606%
43	14.568	2086	2091	2093	rVV4	11645	22760	4.06%	0.411%
44	14.605	2093	2097	2102	rVV2	92250	126187	22.53%	2.278%
45	14.672	2102	2108	2114	rVV3	59414	157446	28.11%	2.842%
46	14.727	2114	2117	2124	rVB3	41572	69573	12.42%	1.256%
47	14.800	2124	2129	2132	rBV4	8691	15868	2.83%	0.286%
48	14.830	2132	2134	2137	rVB5	6420	6837	1.22%	0.123%
49	14.940	2142	2152	2161	rBV	317456	560057	100.00%	10.111%
50	15.050	2164	2170	2175	rBV4	30462	60064	10.72%	1.084%
51	15.098	2175	2178	2179	rBV3	6896	8516	1.52%	0.154%
52	15.202	2189	2195	2205	rVB4	41982	104886	18.73%	1.894%
53	15.281	2205	2208	2210	rBV4	5094	7326	1.31%	0.132%
54	15.342	2211	2218	2222	rVV6	18298	45416	8.11%	0.820%
55	15.391	2222	2226	2228	rVV4	14102	23771	4.24%	0.429%
56	15.428	2228	2232	2241	rVB2	41222	74316	13.27%	1.342%
57	15.537	2241	2250	2254	rBV2	15224	45134	8.06%	0.815%
58	15.598	2256	2260	2265	rVB3	16883	28679	5.12%	0.518%
59	15.678	2271	2273	2278	rVB4	9058	12741	2.27%	0.230%
60	15.879	2300	2306	2311	rBV7	10753	25423	4.54%	0.459%
61	15.952	2313	2318	2324	rVV5	22649	46024	8.22%	0.831%
62	16.025	2324	2330	2335	rVV8	15260	36546	6.53%	0.660%
63	16.086	2336	2340	2346	rVV8	7353	14629	2.61%	0.264%
64	16.147	2346	2350	2356	rVV2	14171	22409	4.00%	0.405%
65	16.214	2358	2361	2366	rVV7	3988	6962	1.24%	0.126%
66	16.281	2368	2372	2377	rVV3	15466	28683	5.12%	0.518%
67	16.354	2380	2384	2390	rVB3	12571	21052	3.76%	0.380%
68	16.482	2398	2405	2416	rVB7	19035	54106	9.66%	0.977%
69	16.586	2417	2422	2429	rVB3	7914	16593	2.96%	0.300%

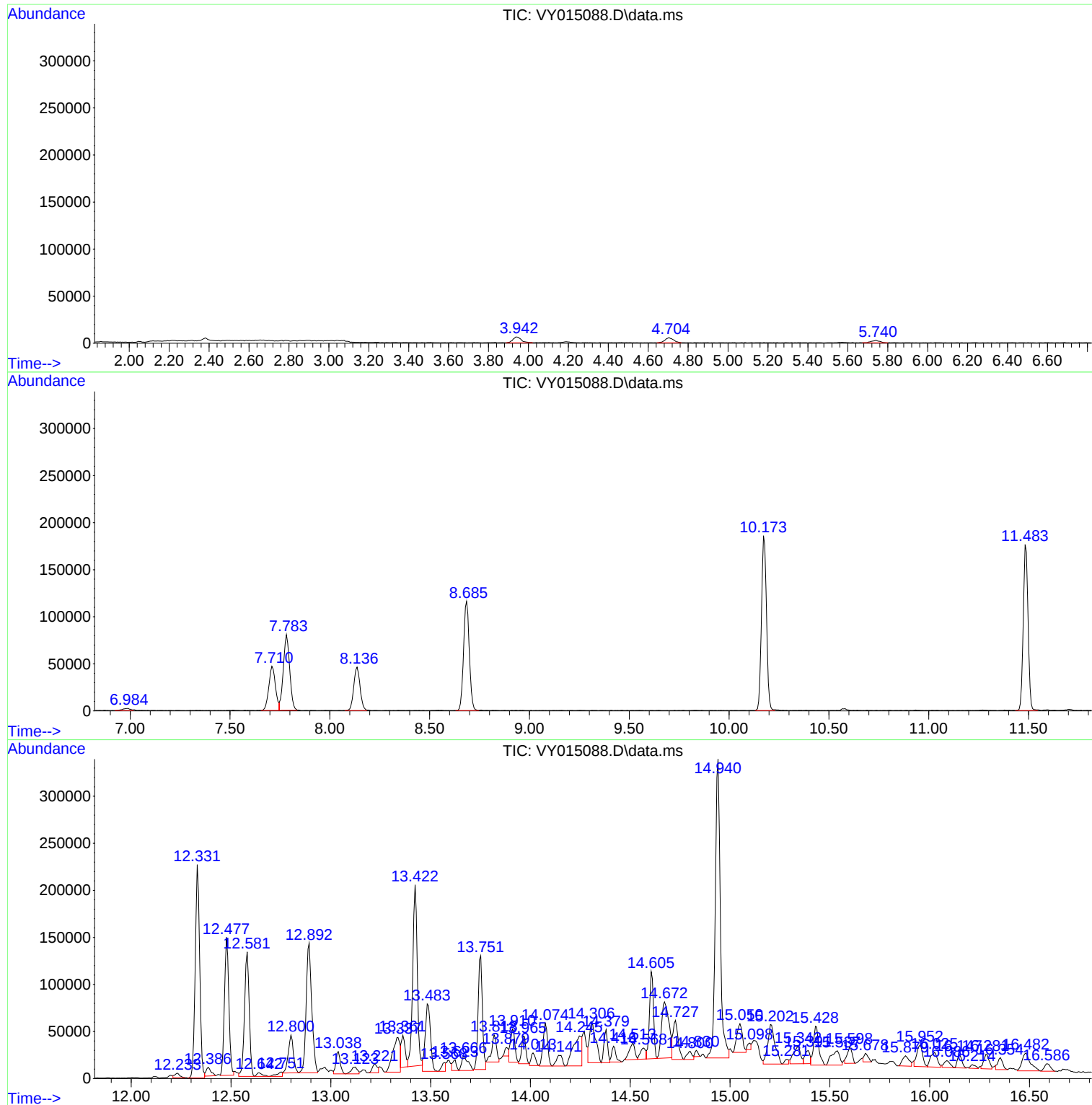
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ClientSampleId :
B-PP24A

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

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



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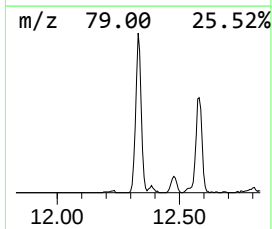
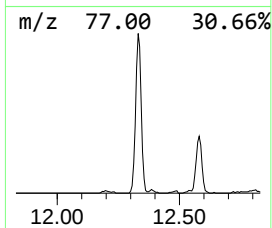
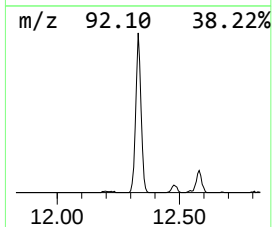
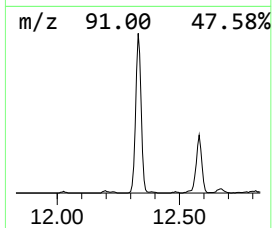
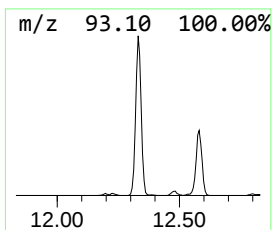
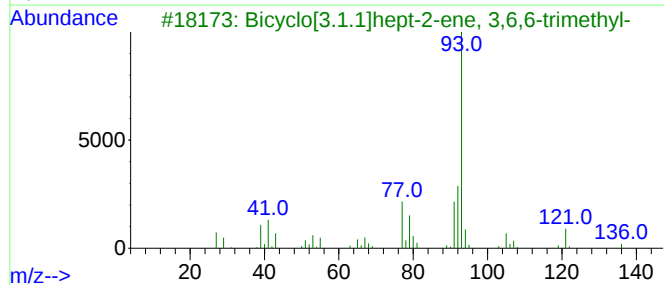
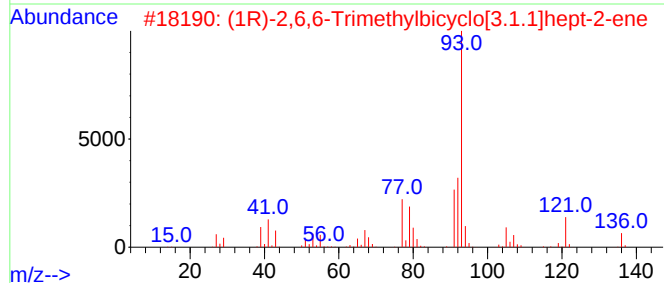
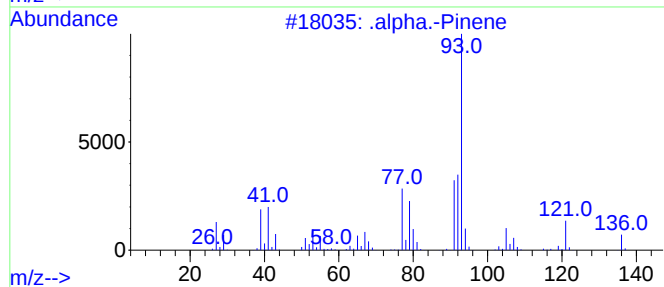
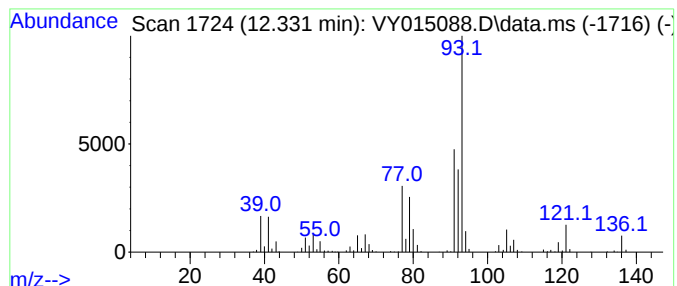
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.331	60.64 ug/l	353648	Chlorobenzene-d5	11.483

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-26-4	91
5	(+)-3-Carene			136	C10H16	000498-15-7	87



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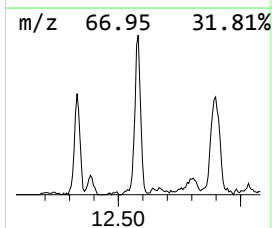
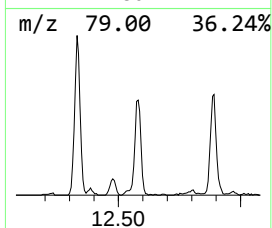
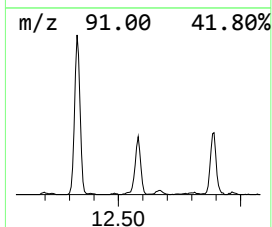
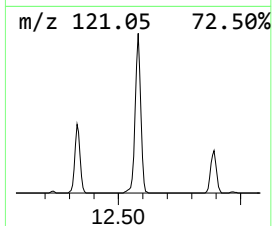
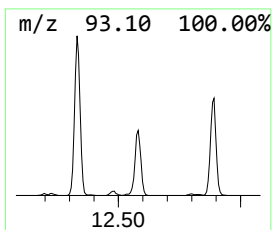
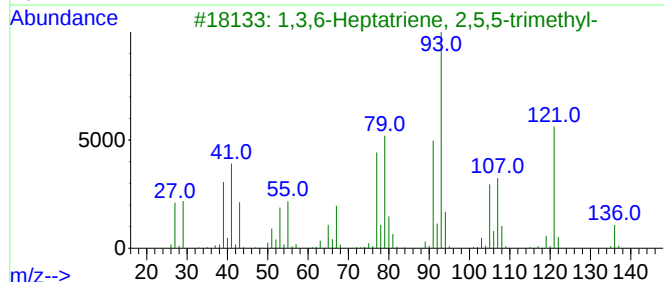
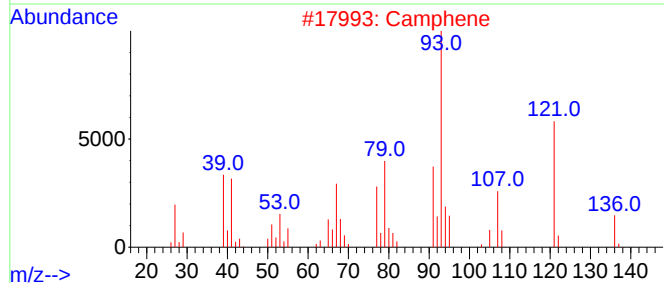
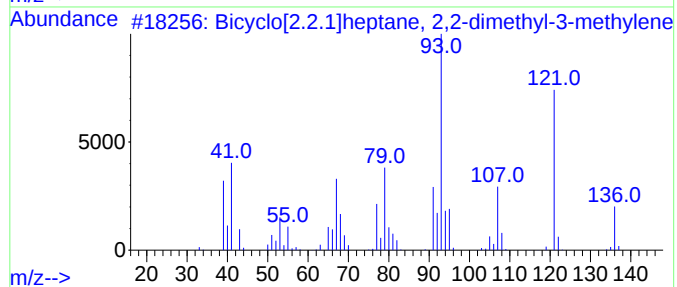
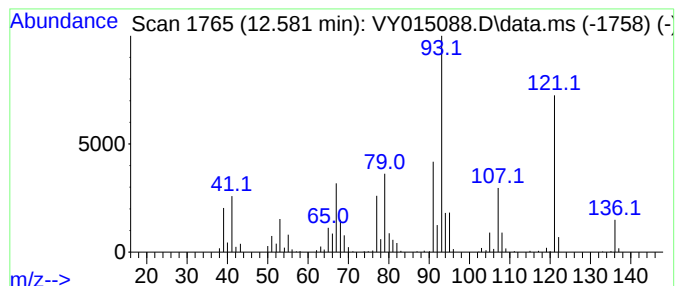
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 2 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.581	35.37 ug/l	215360	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	97
2			Camphene	136	C10H16	000079-92-5	97
3			1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	91
4			2-Carene	136	C10H16	000554-61-0	86
5			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	81



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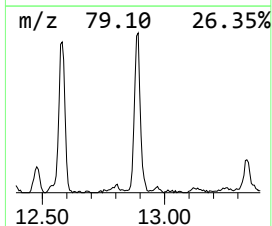
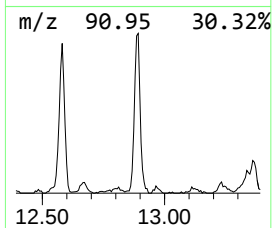
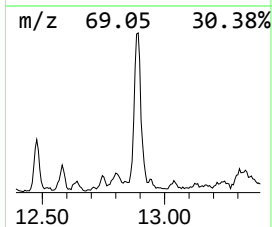
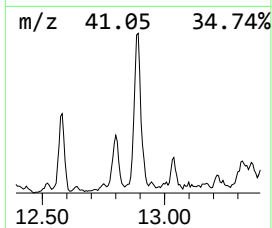
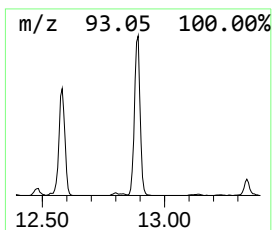
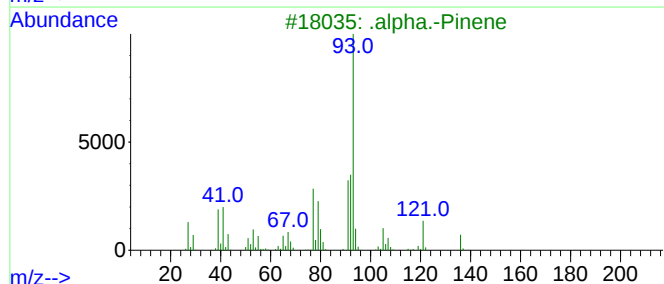
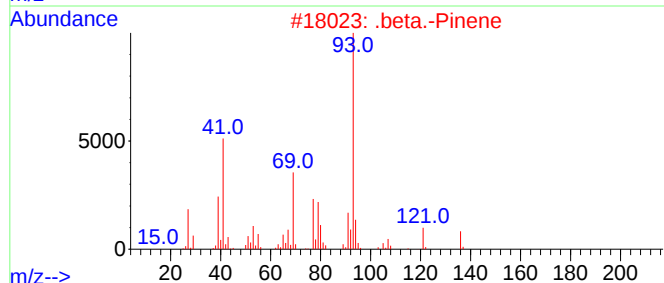
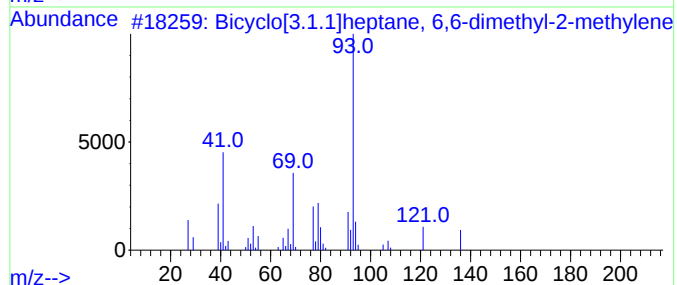
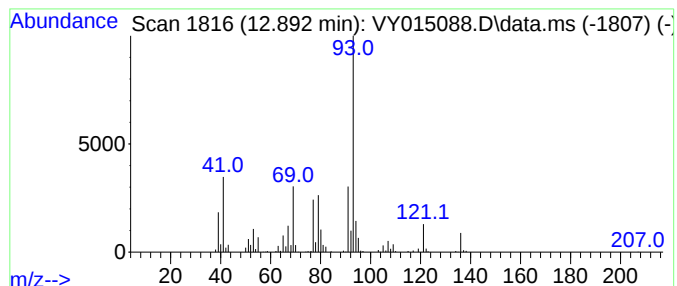
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Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	43.51 ug/l	264871	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	95
2			.beta.-Pinene	136	C10H16	000127-91-3	94
3			.alpha.-Pinene	136	C10H16	000080-56-8	93
4			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	90



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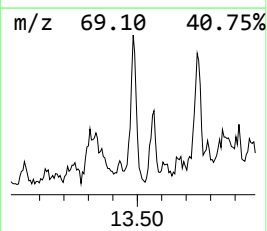
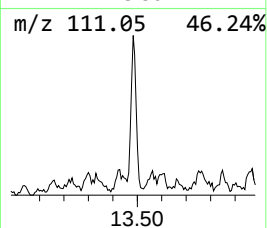
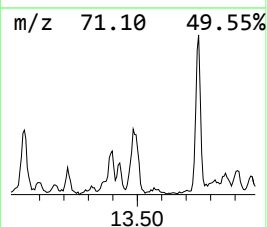
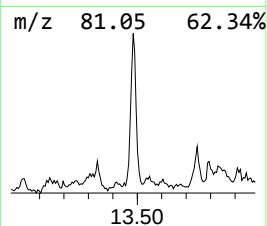
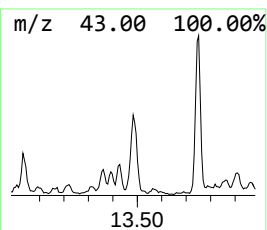
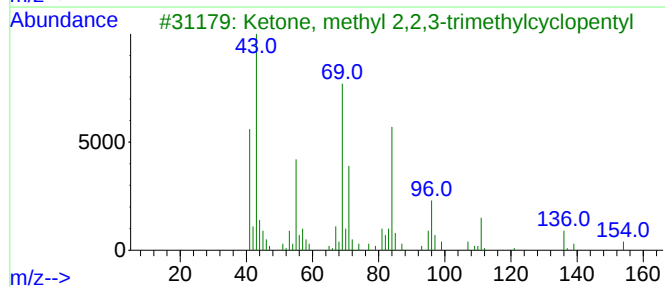
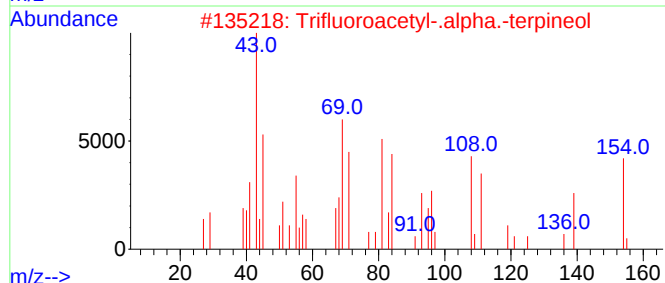
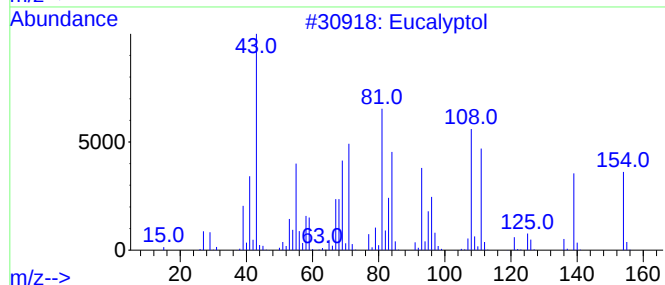
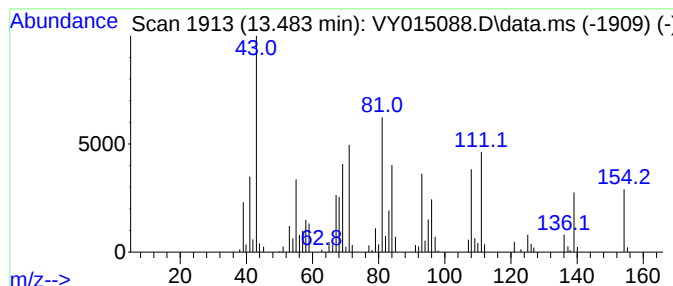
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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Peak Number 4 Eucalyptol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	21.35 ug/l	129996	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eucalyptol	154	C10H18O	000470-82-6	96
2			Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	58
3			Ketone, methyl 2,2,3-trimethylcy...	154	C10H18O	017983-22-1	25
4			2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	25
5			2-Heptanone, 3-propylidene-	154	C10H18O	032064-70-3	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015088.D
Acq On : 14 Aug 2023 18:46
Operator : SY/MD
Sample : 03989-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

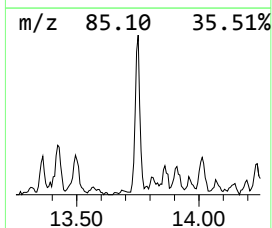
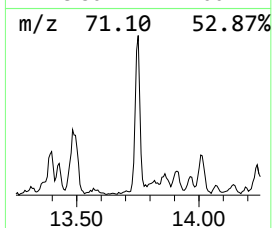
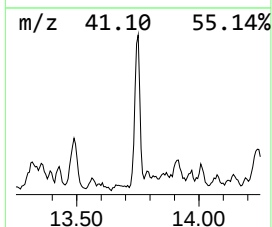
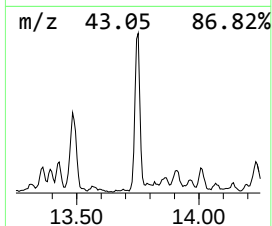
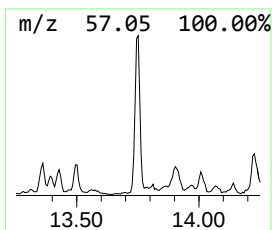
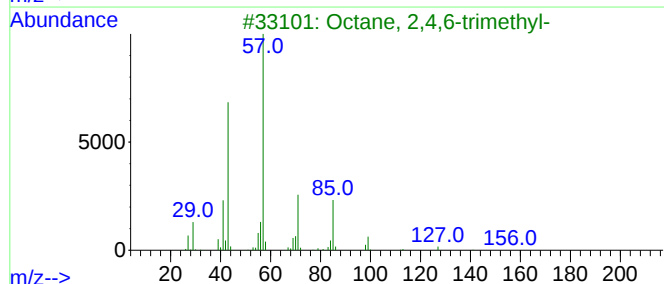
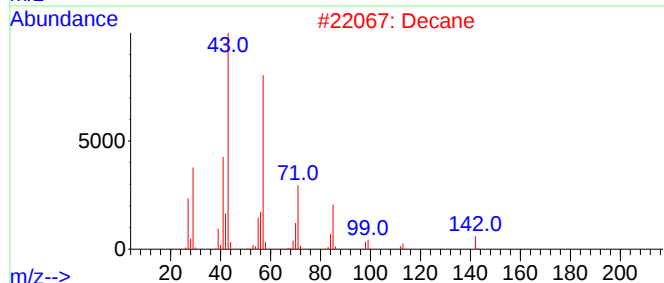
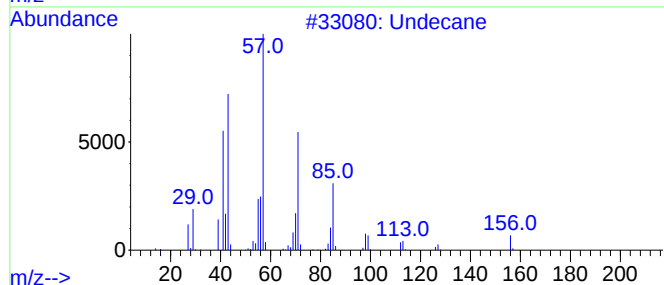
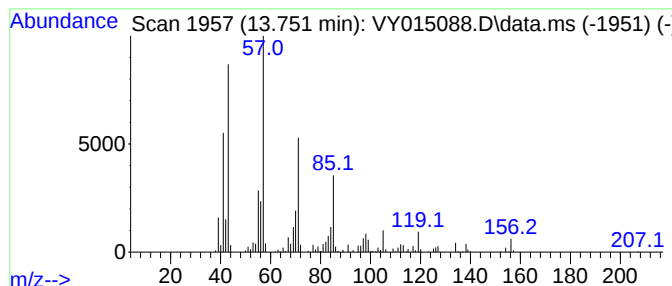
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	29.46 ug/l	179350	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Decane			142	C10H22	000124-18-5	72
3	Octane, 2,4,6-trimethyl-			156	C11H24	062016-37-9	64
4	Carbonic acid, octyl vinyl ester			200	C11H20O3	1000383-25-5	58
5	Undecane, 4,6-dimethyl-			184	C13H28	017312-82-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015088.D
Acq On : 14 Aug 2023 18:46
Operator : SY/MD
Sample : 03989-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

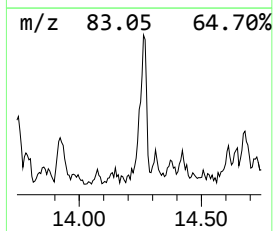
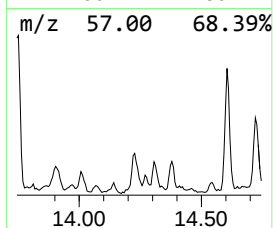
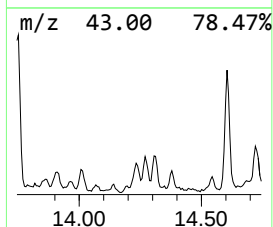
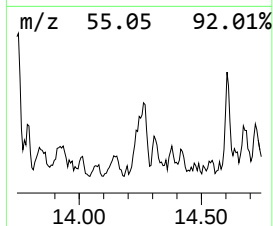
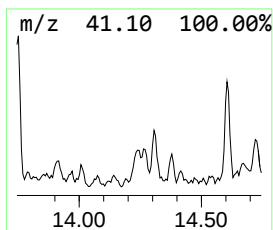
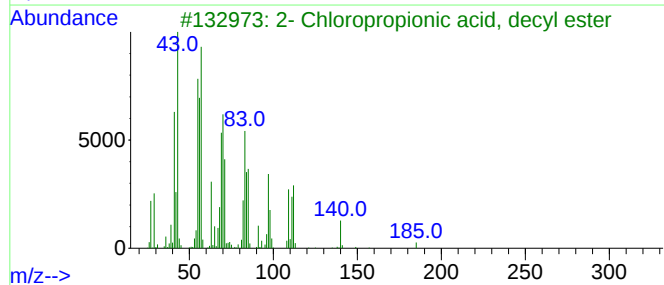
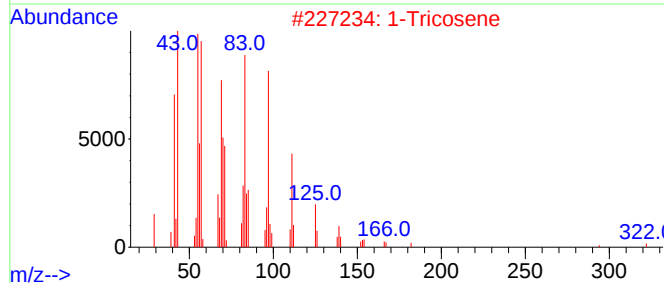
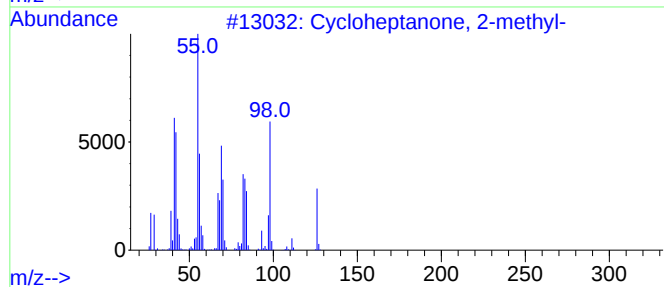
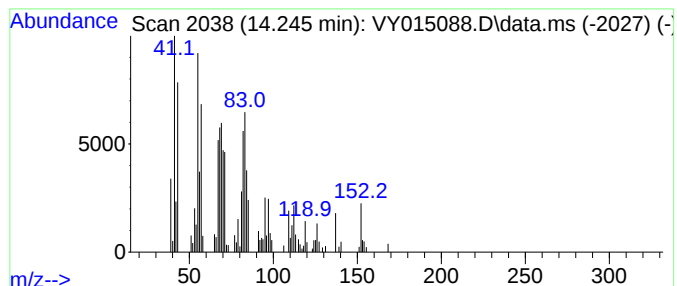
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.245 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	16.17 ug/l	98465	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	46
2			1-Tricosene	322	C23H46	018835-32-0	43
3			2- Chloropropionic acid, decyl e...	248	C13H25ClO2	086711-78-6	38
4			Dichloroacetic acid, decyl ester	268	C12H22Cl2O2	083005-00-9	30
5			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015088.D
Acq On : 14 Aug 2023 18:46
Operator : SY/MD
Sample : 03989-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

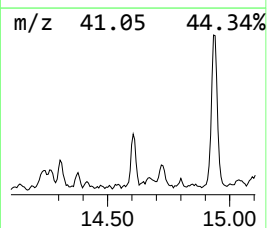
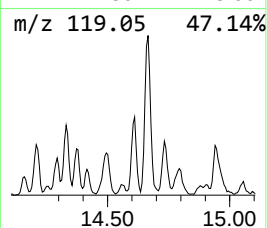
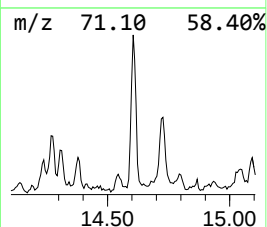
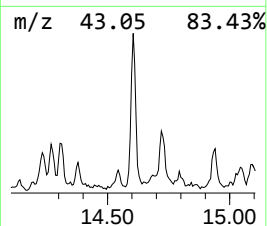
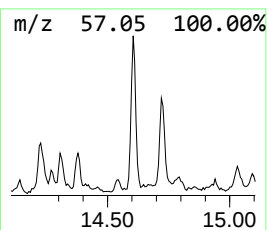
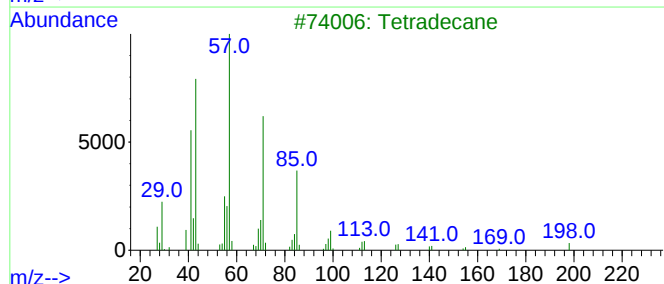
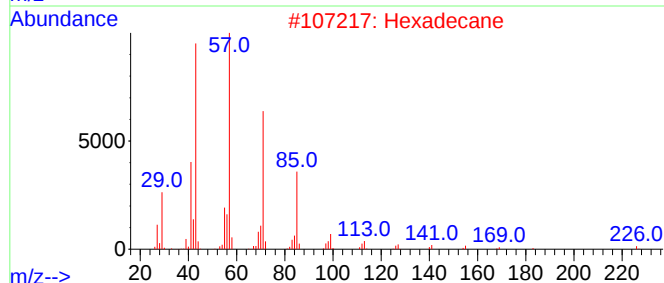
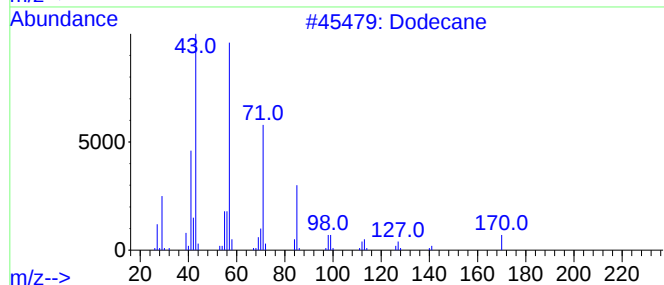
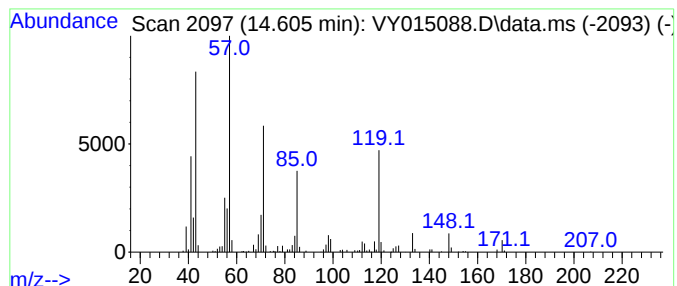
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Quant Title : SW846 8260

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

Peak Number 7 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.605	20.73 ug/l	126187	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Hexadecane	226	C16H34	000544-76-3	49
3			Tetradecane	198	C14H30	000629-59-4	49
4			Undecane	156	C11H24	001120-21-4	47
5			Tridecane	184	C13H28	000629-50-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015088.D
Acq On : 14 Aug 2023 18:46
Operator : SY/MD
Sample : 03989-02
Misc : 5.05g/5.0mL/MSVOA_Y/soil
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

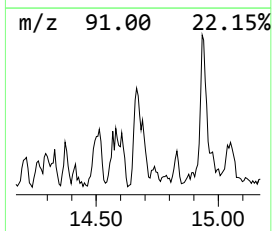
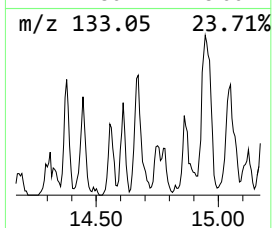
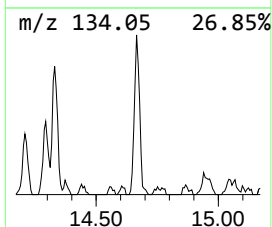
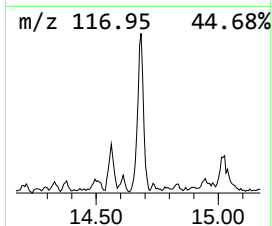
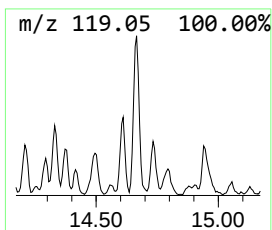
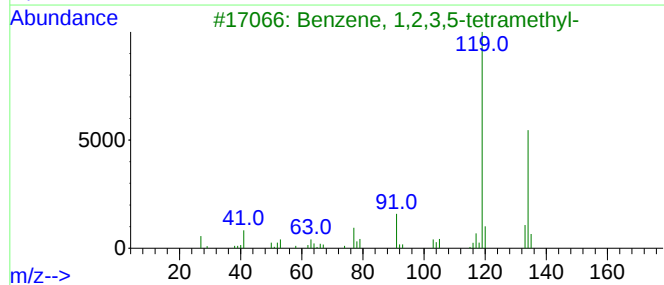
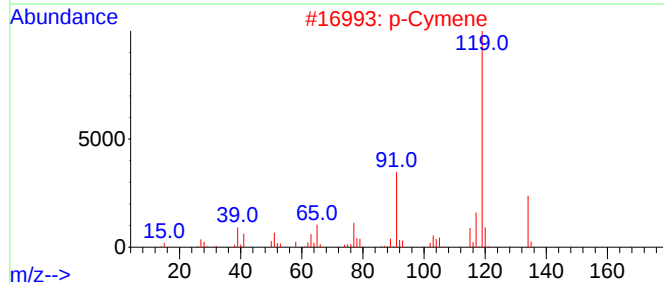
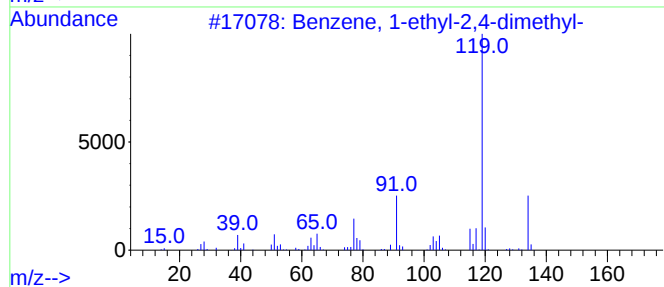
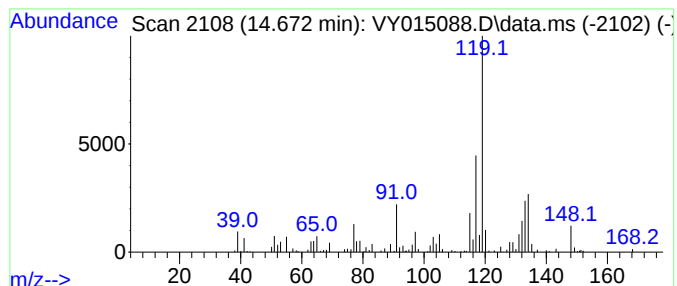
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	25.86 ug/l	157446	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
2			p-Cymene	134	C10H14	000099-87-6	60
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015088.D
Acq On : 14 Aug 2023 18:46
Operator : SY/MD
Sample : 03989-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

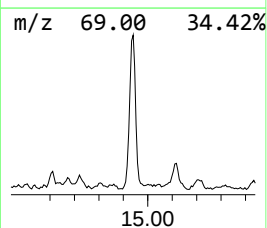
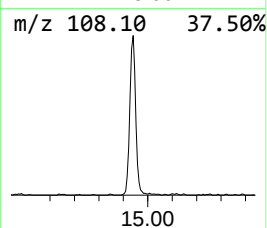
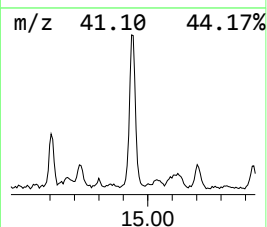
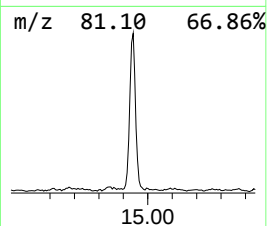
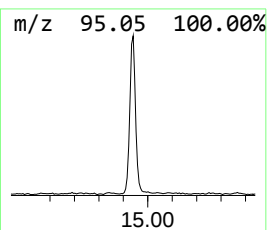
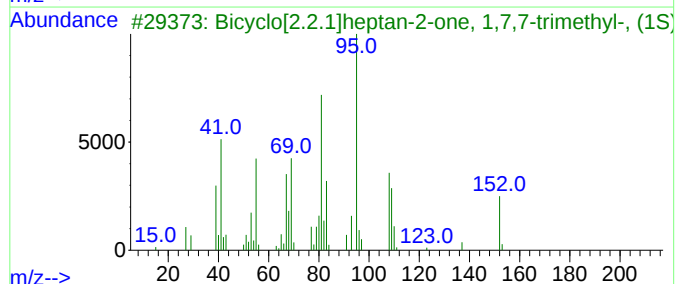
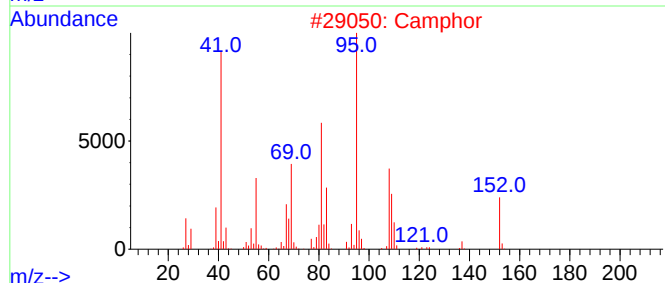
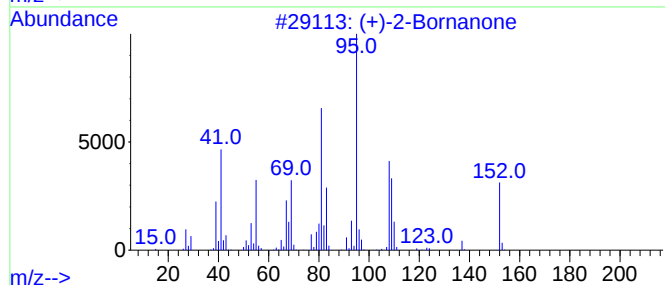
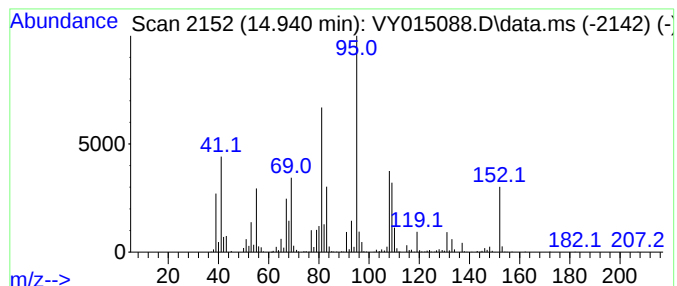
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Quant Title : SW846 8260

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

Peak Number 9 (+)-2-Bornanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	91.99 ug/l	560057	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2			Camphor	152	C10H16O	000076-22-2	98
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
4			2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	49
5			1-Adamantanol	152	C10H16O	000768-95-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015088.D
Acq On : 14 Aug 2023 18:46
Operator : SY/MD
Sample : 03989-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

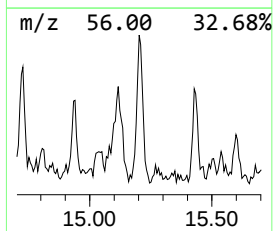
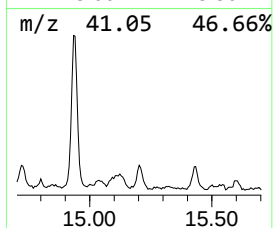
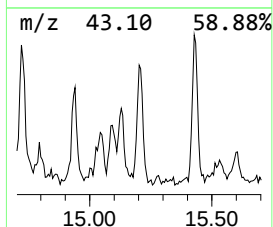
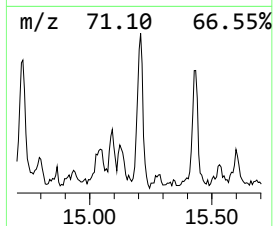
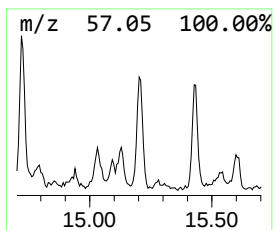
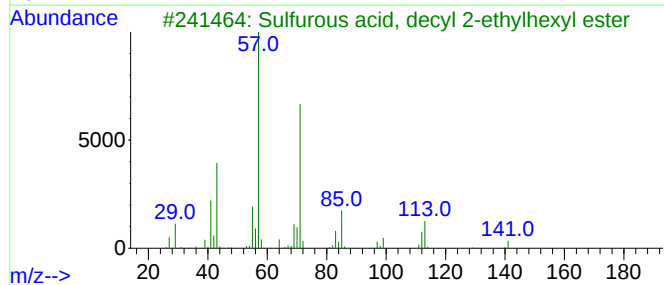
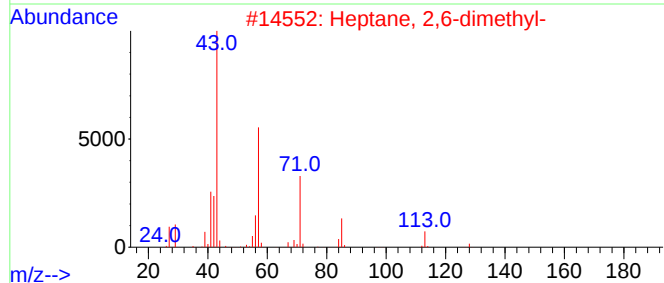
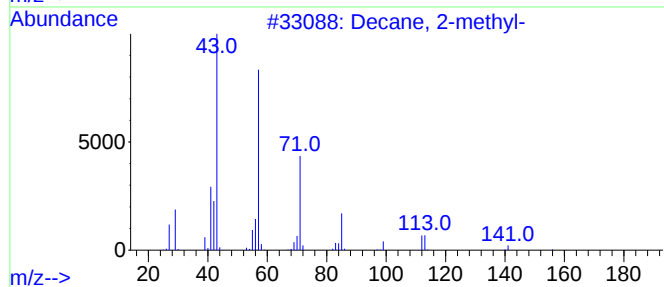
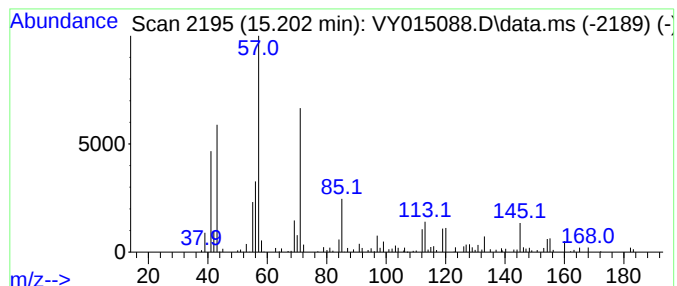
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Quant Title : SW846 8260

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

Peak Number 10 Decane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.202	17.23 ug/l	104886	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	62
2			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	52
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015088.D
Acq On : 14 Aug 2023 18:46
Operator : SY/MD
Sample : 03989-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

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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Bicyclo[2.2.1]h...	12.581	35.4	ug/l	215360	4	13.422	304408	50.0
Bicyclo[3.1.1]h...	12.892	43.5	ug/l	264871	4	13.422	304408	50.0
Eucalyptol	13.483	21.4	ug/l	129996	4	13.422	304408	50.0
Undecane	13.751	29.5	ug/l	179350	4	13.422	304408	50.0
unknown14.245	14.245	16.2	ug/l	98465	4	13.422	304408	50.0
Dodecane	14.605	20.7	ug/l	126187	4	13.422	304408	50.0
Benzene, 1-ethy...	14.672	25.9	ug/l	157446	4	13.422	304408	50.0
(+)-2-Bornanone	14.940	92.0	ug/l	560057	4	13.422	304408	50.0
Decane, 2-methyl-	15.202	17.2	ug/l	104886	4	13.422	304408	50.0