

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019159.D
 Acq On : 20 Aug 2024 18:29
 Operator : SY/MD
 Sample : P3643-12
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 921-J-SD-0.5-1-081524

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\82Y081524S.M
 Title : SW846 8260

Signal : TIC: VY019159.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.068	52	57	59	rBV	910	1259	1.15%	0.140%
2	3.037	214	216	221	rVB4	1560	2380	2.18%	0.264%
3	3.860	344	351	352	rBV3	889	1561	1.43%	0.173%
4	4.598	465	472	482	rVB3	3899	11755	10.76%	1.305%
5	5.622	635	640	641	rBV4	1039	1477	1.35%	0.164%
6	6.878	839	846	848	rBV2	3086	6357	5.82%	0.706%
7	7.622	959	968	974	rBV	17254	41709	38.18%	4.629%
8	7.695	974	980	992	rVB2	30515	71662	65.59%	7.953%
9	8.054	1029	1039	1049	rBV2	13512	29853	27.33%	3.313%
10	8.609	1119	1130	1138	rBV2	42725	87341	79.95%	9.693%
11	10.103	1365	1375	1384	rBV	63325	109251	100.00%	12.125%
12	10.511	1436	1442	1444	rBV3	890	1096	1.00%	0.122%
13	10.883	1498	1503	1508	rVB2	808	1330	1.22%	0.148%
14	11.011	1522	1524	1531	rVB3	1082	1631	1.49%	0.181%
15	11.414	1582	1590	1600	rBV	54634	90817	83.13%	10.079%
16	11.926	1671	1674	1676	rBV3	1079	1185	1.08%	0.132%
17	12.054	1690	1695	1699	rVB4	1398	2123	1.94%	0.236%
18	12.139	1704	1709	1710	rBV4	670	1209	1.11%	0.134%
19	12.163	1710	1713	1717	rVB4	1279	1660	1.52%	0.184%
20	12.407	1747	1753	1760	rVB2	34923	57741	52.85%	6.408%
21	12.572	1776	1780	1784	rVB4	1878	2840	2.60%	0.315%
22	12.651	1787	1793	1795	rBV4	1123	1749	1.60%	0.194%
23	12.724	1799	1805	1806	rBV4	2383	3556	3.25%	0.395%
24	12.779	1813	1814	1820	rVB5	1479	1762	1.61%	0.196%
25	12.846	1820	1825	1827	rBV4	754	1258	1.15%	0.140%
26	12.883	1827	1831	1833	rBV5	1345	1881	1.72%	0.209%
27	12.968	1841	1845	1846	rBV4	954	1349	1.23%	0.150%
28	12.986	1846	1848	1853	rVB6	818	1264	1.16%	0.140%
29	13.090	1862	1865	1869	rBV4	1752	2670	2.44%	0.296%
30	13.139	1871	1873	1878	rBV4	1789	2555	2.34%	0.284%
31	13.242	1883	1890	1893	rBV6	3956	8146	7.46%	0.904%
32	13.291	1896	1898	1901	rVB4	1394	1169	1.07%	0.130%
33	13.346	1901	1907	1914	rBV	38440	61972	56.72%	6.878%
34	13.492	1927	1931	1933	rVV3	2144	3099	2.84%	0.344%
35	13.523	1933	1936	1941	rVB6	1043	1881	1.72%	0.209%
36	13.669	1950	1960	1965	rBV7	6252	15361	14.06%	1.705%

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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

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37	13.718	1965	1968	1970	rVV4	1777	1890	1.73%	0.210%
38	13.779	1976	1978	1983	rVB5	3504	4701	4.30%	0.522%
39	13.846	1985	1989	1990	rVV3	2123	2707	2.48%	0.300%
40	13.864	1990	1992	1993	rVV2	2638	2367	2.17%	0.263%
41	13.889	1993	1996	2000	rVB5	2383	3425	3.13%	0.380%
42	13.998	2010	2014	2018	rVB3	3965	5033	4.61%	0.559%
43	14.066	2018	2025	2029	rBV7	5212	10065	9.21%	1.117%
44	14.120	2030	2034	2038	rVB6	2611	3621	3.31%	0.402%
45	14.181	2038	2044	2049	rBV5	7887	17325	15.86%	1.923%
46	14.248	2051	2055	2056	rBV3	1055	1310	1.20%	0.145%
47	14.340	2066	2070	2075	rVB7	6592	10293	9.42%	1.142%
48	14.401	2075	2080	2087	rBV9	3064	5424	4.96%	0.602%
49	14.468	2087	2091	2096	rBV8	4555	7453	6.82%	0.827%
50	14.553	2099	2105	2109	rBV8	3273	8860	8.11%	0.983%
51	14.602	2110	2113	2117	rVB4	6347	8373	7.66%	0.929%
52	14.651	2117	2121	2127	rVB8	5149	9586	8.77%	1.064%
53	14.700	2127	2129	2131	rBV3	1337	1124	1.03%	0.125%
54	14.730	2131	2134	2136	rBV4	2469	2135	1.95%	0.237%
55	14.791	2142	2144	2148	rVB5	1104	1116	1.02%	0.124%
56	14.858	2150	2155	2159	rVB8	4400	7318	6.70%	0.812%
57	14.919	2163	2165	2170	rVB5	2800	3490	3.19%	0.387%
58	14.998	2174	2178	2181	rBV6	3566	6391	5.85%	0.709%
59	15.035	2181	2184	2186	rVV4	4084	5301	4.85%	0.588%
60	15.059	2186	2188	2191	rVV3	4525	4643	4.25%	0.515%
61	15.126	2194	2199	2205	rVB	27611	39284	35.96%	4.360%
62	15.193	2208	2210	2213	rVV4	2531	2664	2.44%	0.296%
63	15.358	2235	2237	2244	rVB8	3178	5009	4.58%	0.556%
64	15.456	2251	2253	2256	rVB3	2806	3115	2.85%	0.346%
65	15.516	2258	2263	2267	rVB6	7545	12706	11.63%	1.410%
66	15.596	2273	2276	2281	rVB7	3857	5445	4.98%	0.604%
67	15.638	2281	2283	2284	rBV2	2292	1715	1.57%	0.190%
68	15.833	2314	2315	2316	rBV	2026	1178	1.08%	0.131%
69	15.974	2335	2338	2345	rVB8	3608	6799	6.22%	0.755%
70	16.053	2345	2351	2358	rVV4	13578	23851	21.83%	2.647%
71	16.114	2359	2361	2364	rVB4	1831	1825	1.67%	0.203%
72	16.254	2380	2384	2385	rBV3	1672	1381	1.26%	0.153%
73	16.297	2385	2391	2395	rVV8	2693	6246	5.72%	0.693%
74	16.370	2396	2403	2406	rVV9	3280	6956	6.37%	0.772%
75	16.413	2408	2410	2413	rBV4	1626	2366	2.17%	0.263%
76	16.474	2418	2420	2421	rBV2	1657	1158	1.06%	0.129%

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ClientSampleId :
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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

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Title : SW846 8260

77	16.553	2430	2433	2435	rBV4	1052	1299	1.19%	0.144%
78	16.638	2445	2447	2453	rVB7	4261	8200	7.51%	0.910%

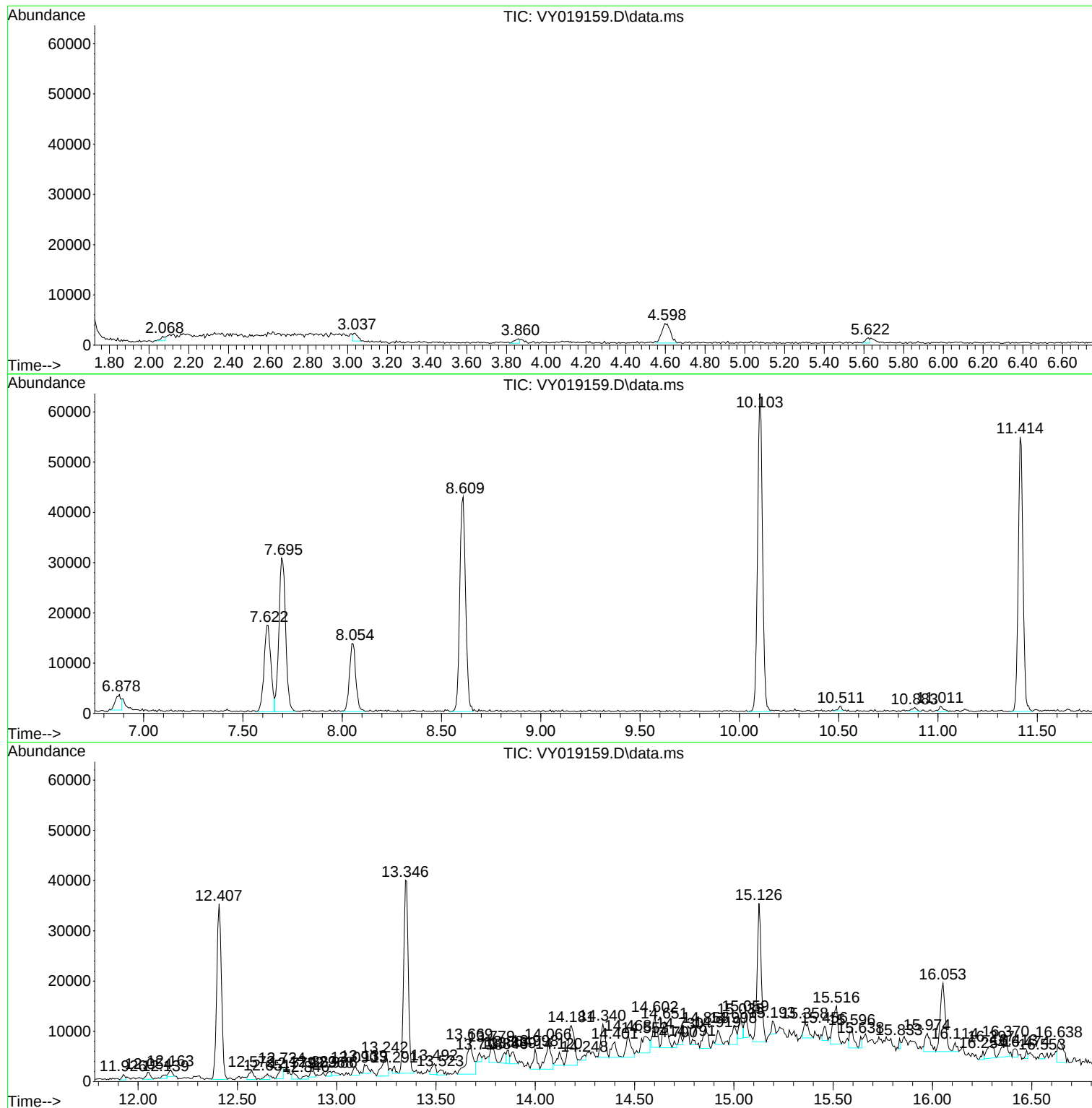
Sum of corrected areas: 901057

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Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

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



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Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

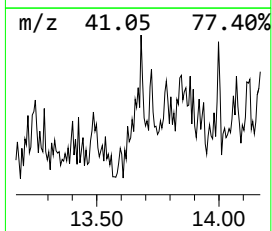
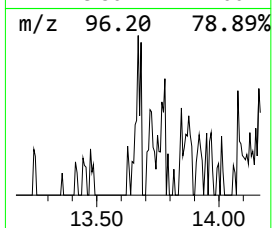
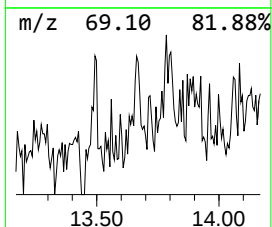
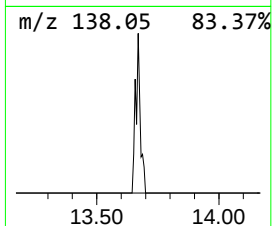
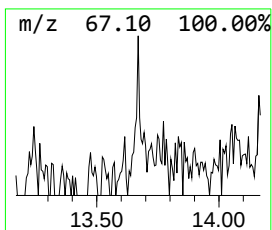
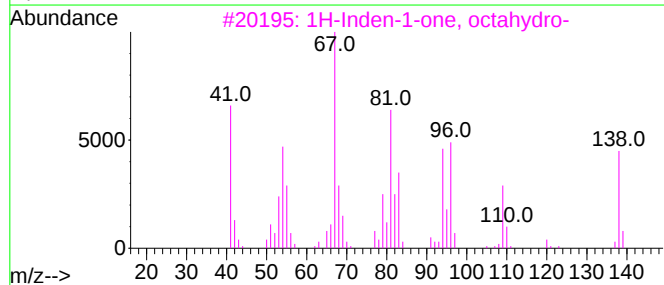
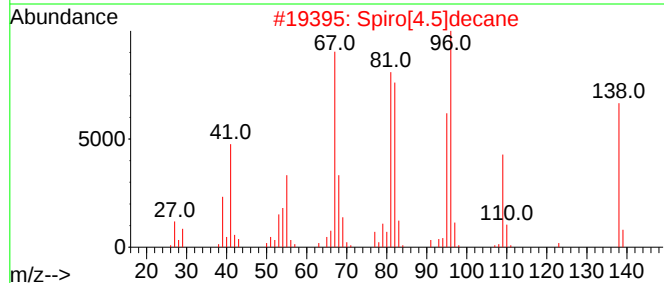
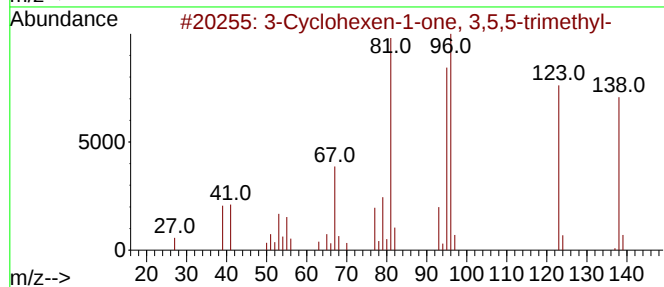
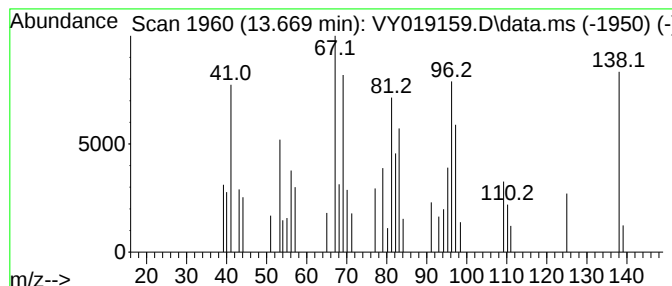
Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

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

Peak Number 2 3-Cyclohexen-1-one, 3,5,5-t... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.669	12.39 ug/l	15361	1,4-Dichlorobenzene-d4		13.346	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-one, 3,5,5-trimet...		138	C9H14O	000471-01-2	58
2	Spiro[4.5]decane		138	C10H18	000176-63-6	50
3	1H-Inden-1-one, octahydro-		138	C9H14O	029927-85-3	49
4	Naphthalene, decahydro-		138	C10H18	000091-17-8	46
5	Naphthalene, decahydro-, cis-		138	C10H18	000493-01-6	46



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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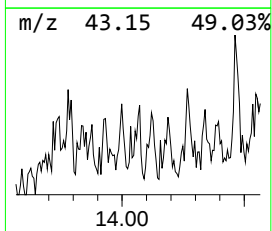
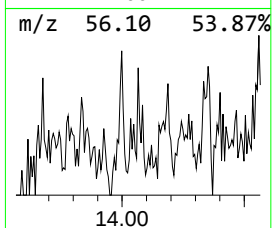
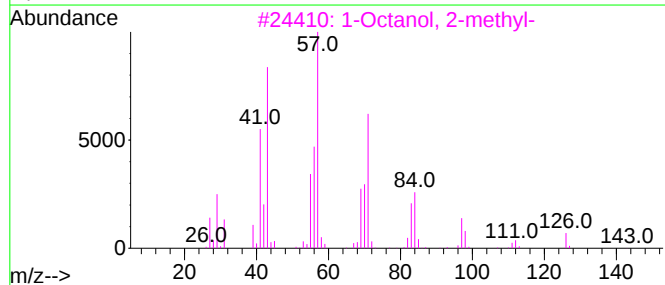
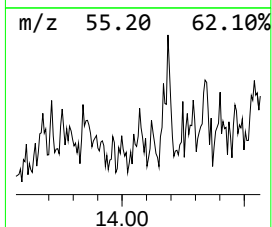
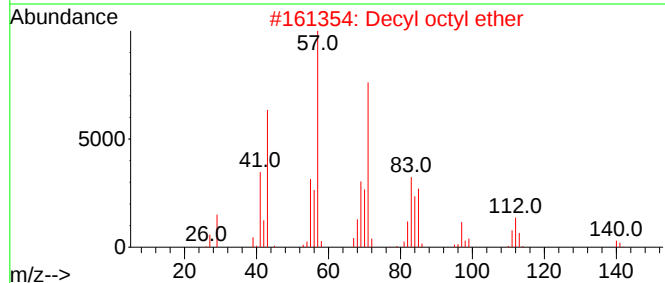
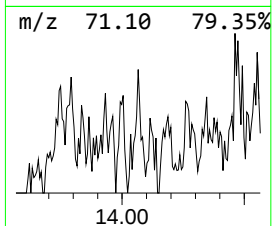
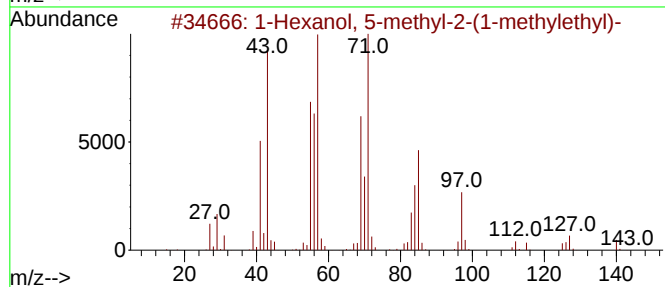
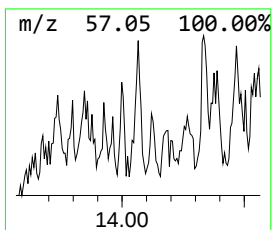
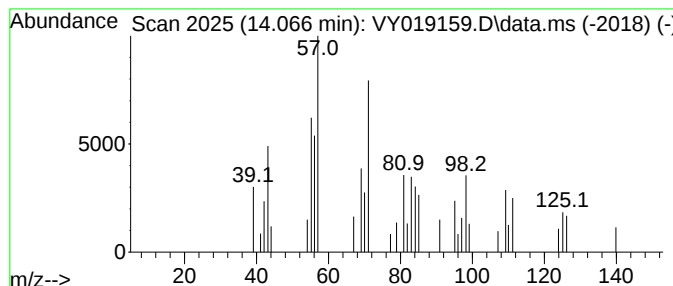
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

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

Peak Number 3 1-Hexanol, 5-methyl-2-(1-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	8.12 ug/l	10065	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	50
2			Decyl octyl ether	270	C18H38O	1000406-38-3	46
3			1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	43
4			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	38
5			Phytol	296	C20H40O	000150-86-7	35



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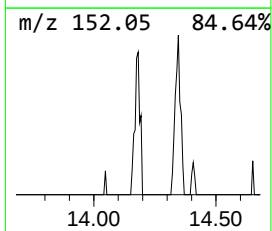
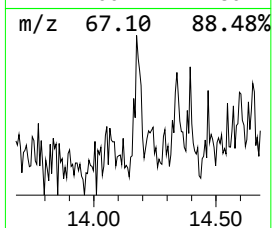
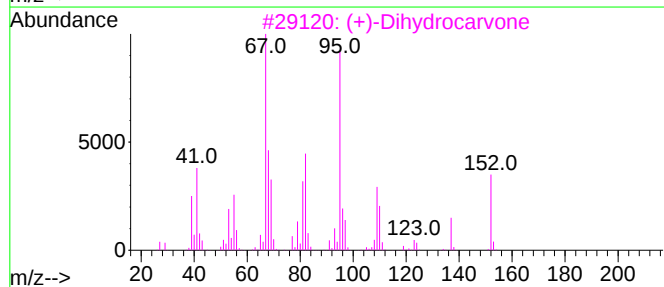
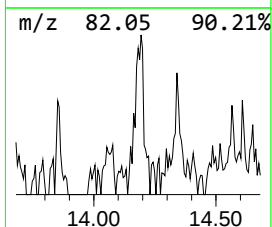
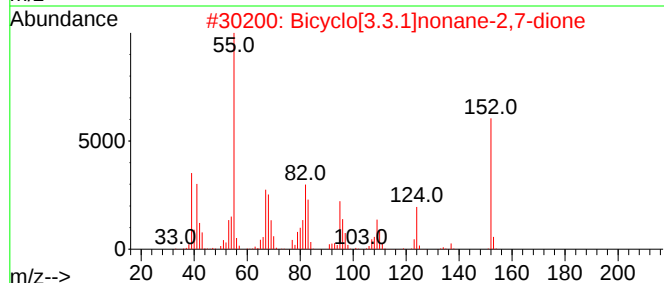
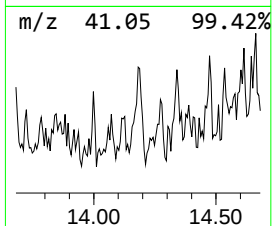
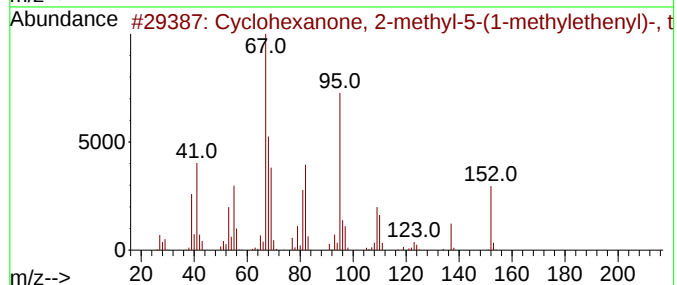
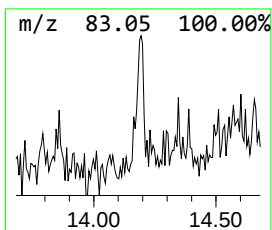
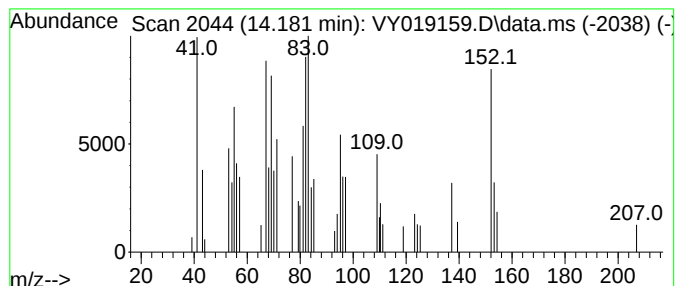
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexanone, 2-methyl-5-(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.181	13.98 ug/l	17325	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	55
2			Bicyclo[3.3.1]nonane-2,7-dione	152	C9H12O2	1000210-30-3	50
3			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	50
4			2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	43
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	41



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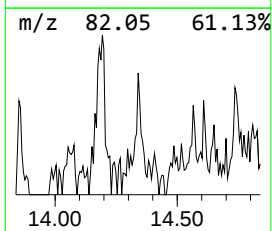
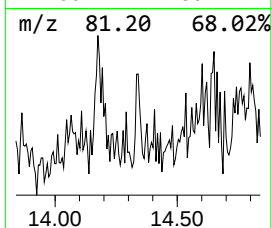
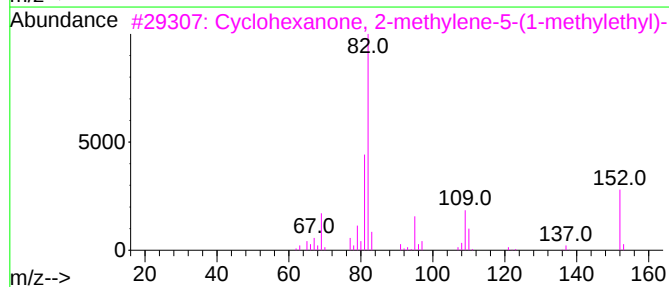
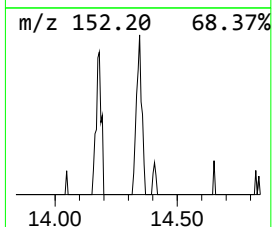
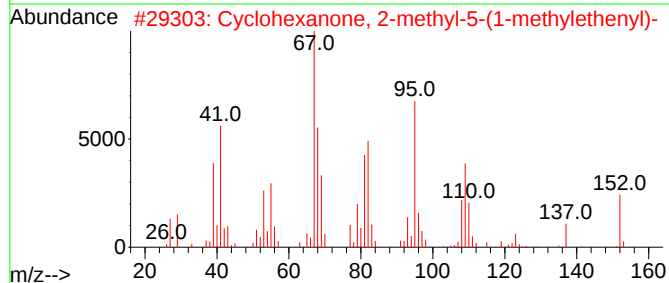
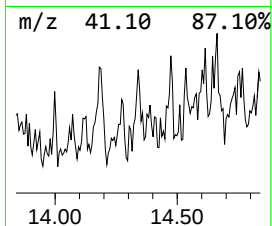
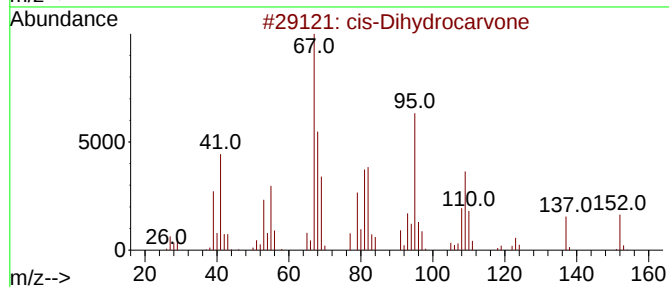
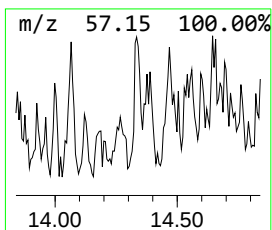
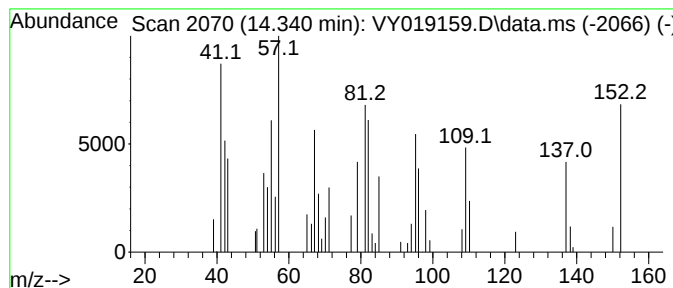
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Quant Title : SW846 8260

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

Peak Number 5 cis-Dihydrocarvone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.340	8.30 ug/l	10293	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Dihydrocarvone	152	C10H16O	003792-53-8	58
2			Cyclohexanone, 2-methyl-5-(1-methylethenyl)-	152	C10H16O	007764-50-3	46
3			Cyclohexanone, 2-methylene-5-(1-methylethyl)-	152	C10H16O	015297-07-1	38
4			Cyclohexanone, 2-methyl-5-(1-methylethyl)-	152	C10H16O	005948-04-9	38
5			5-Nonadecen-1-ol	282	C19H38O	1000131-11-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019159.D
Acq On : 20 Aug 2024 18:29
Operator : SY/MD
Sample : P3643-12
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524

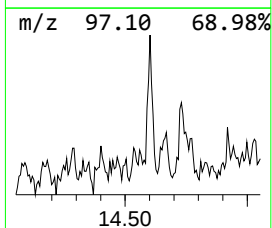
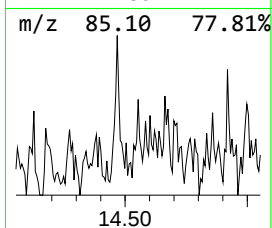
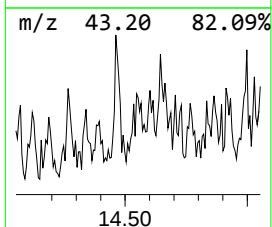
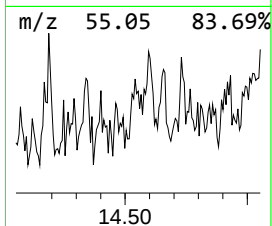
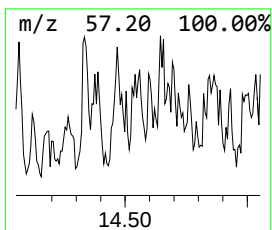
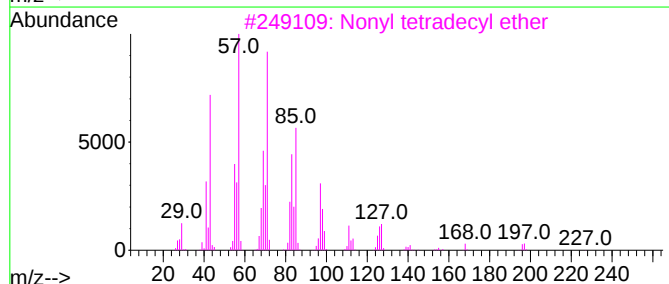
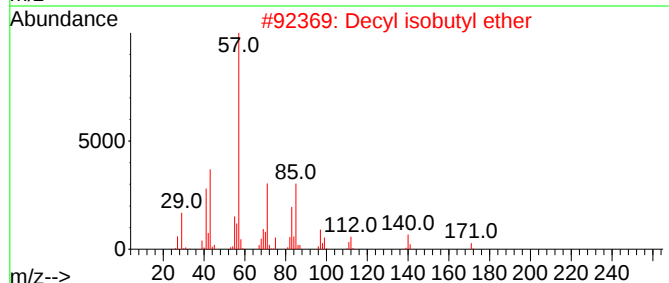
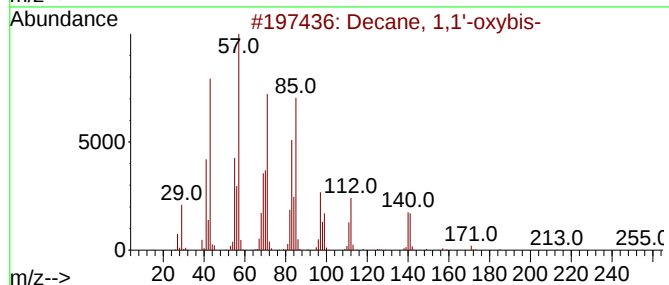
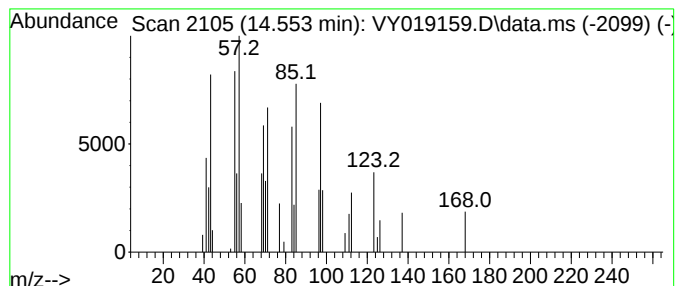
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Quant Title : SW846 8260

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

Peak Number 6 Decane, 1,1'-oxybis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.553	7.15 ug/l	8860	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	64
2			Decyl isobutyl ether	214	C14H30O	1010406-32-5	53
3			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	47
4			1-Hexadecanol	242	C16H34O	036653-82-4	38
5			Butyl decyl ether	214	C14H30O	1000406-40-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019159.D
Acq On : 20 Aug 2024 18:29
Operator : SY/MD
Sample : P3643-12
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524

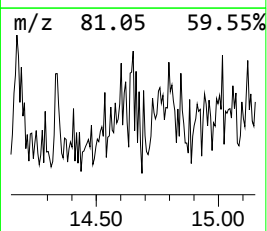
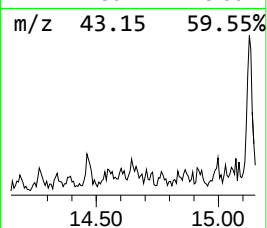
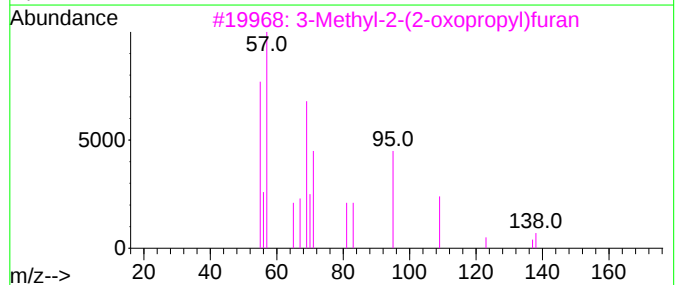
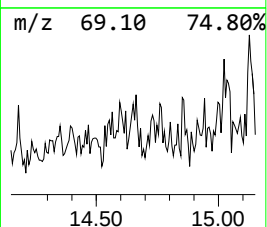
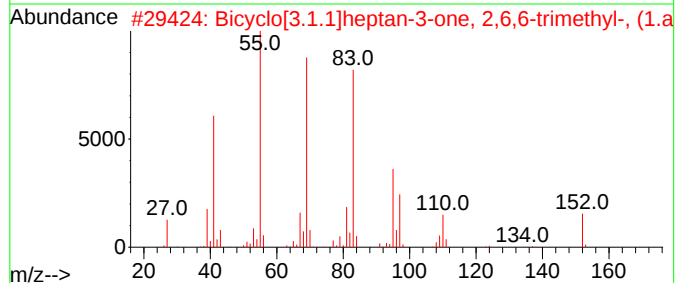
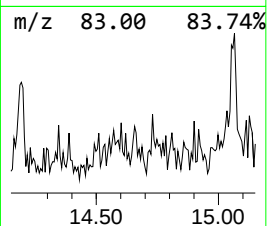
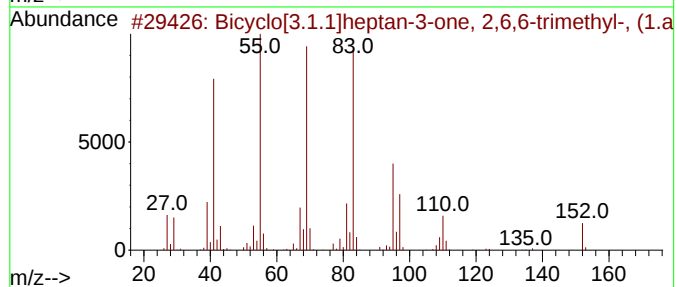
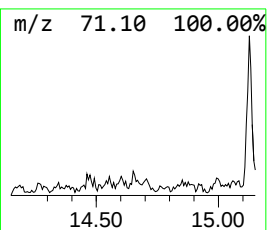
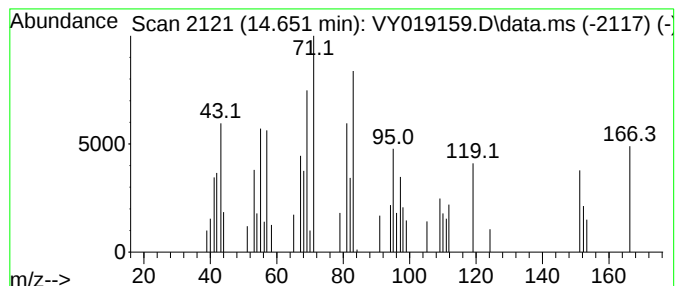
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.651 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	7.73 ug/l	9586	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	45
2			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	45
3			3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	35
4			1-Dodecanol	186	C12H26O	000112-53-8	14
5			Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019159.D
Acq On : 20 Aug 2024 18:29
Operator : SY/MD
Sample : P3643-12
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524

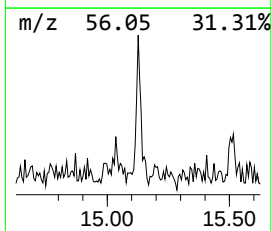
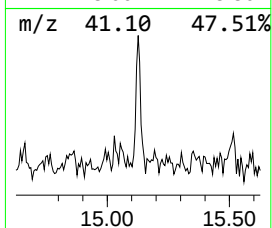
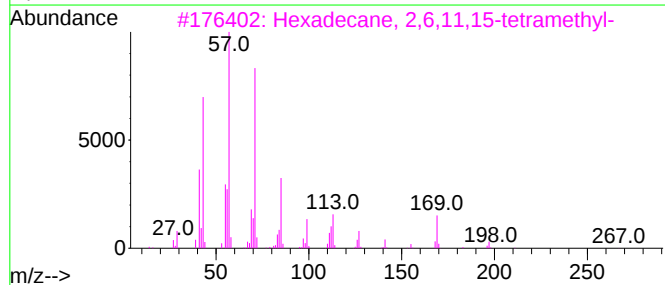
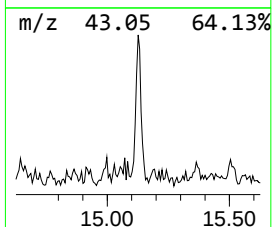
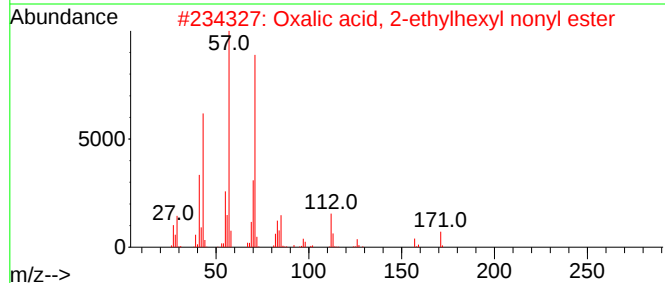
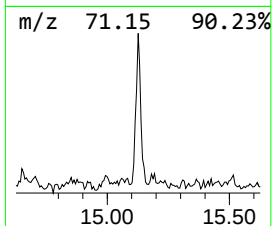
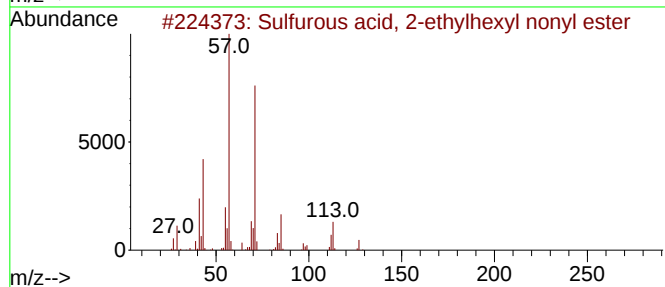
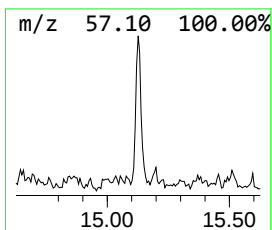
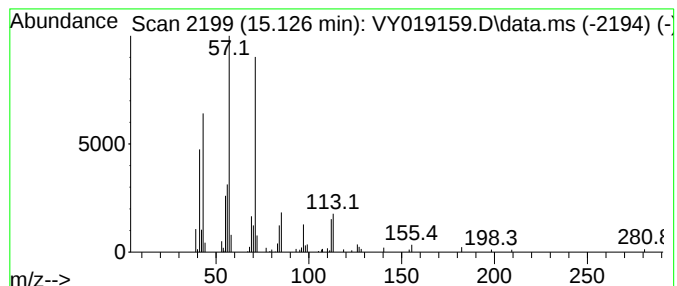
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Quant Title : SW846 8260

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

Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.126	31.70 ug/l	39284	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
2			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	72
3			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4			Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	64
5			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019159.D
Acq On : 20 Aug 2024 18:29
Operator : SY/MD
Sample : P3643-12
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524

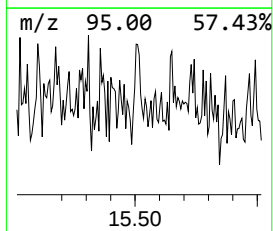
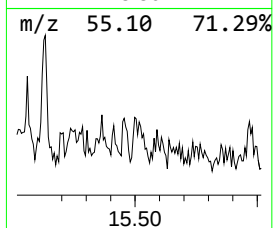
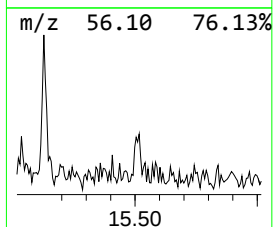
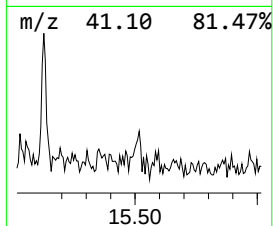
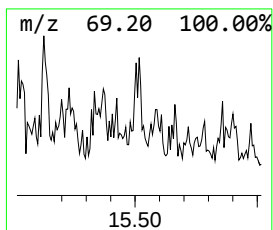
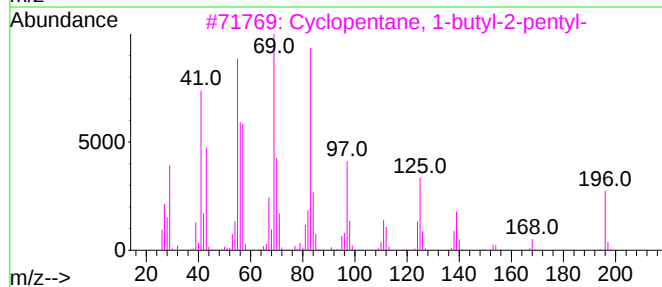
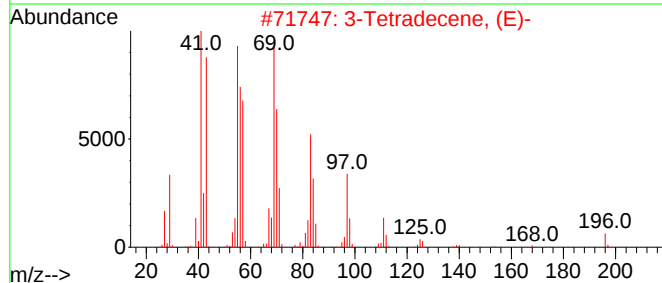
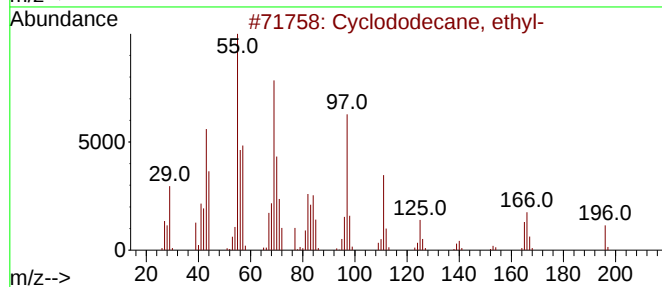
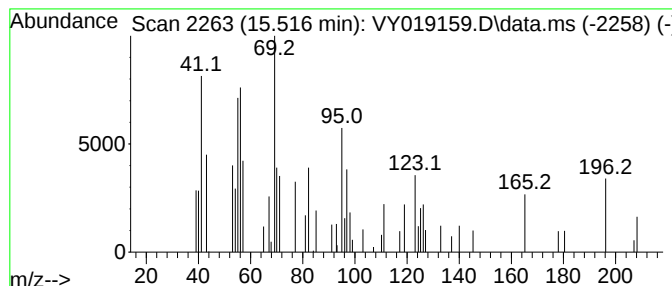
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Quant Title : SW846 8260

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

Peak Number 9 unknown15.517 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.517	10.25 ug/l	12706	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecane, ethyl-	196	C14H28	028981-49-9	41
2			3-Tetradecene, (E)-	196	C14H28	041446-68-8	35
3			Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	35
4			7-Tetradecene, (E)-	196	C14H28	041446-63-3	35
5			6-Tetradecene, (E)-	196	C14H28	041446-64-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019159.D
Acq On : 20 Aug 2024 18:29
Operator : SY/MD
Sample : P3643-12
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524

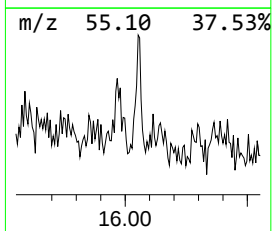
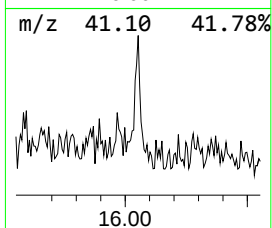
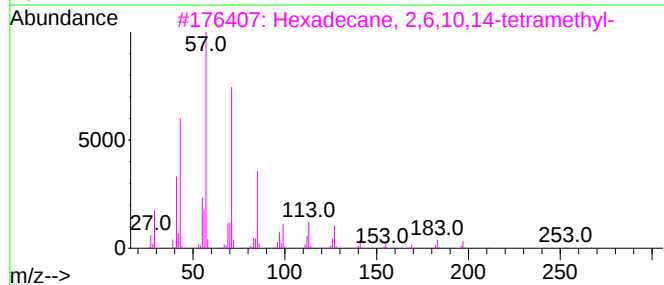
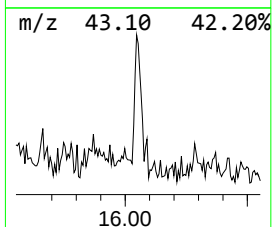
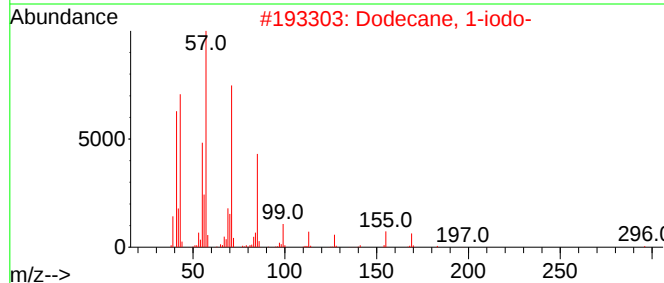
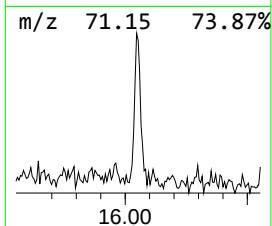
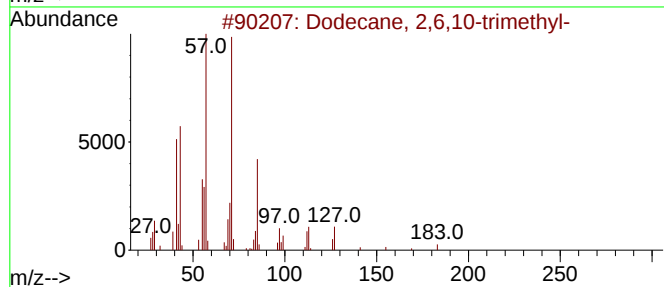
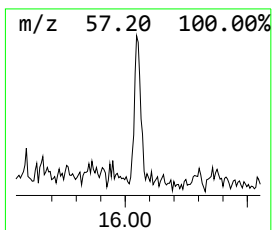
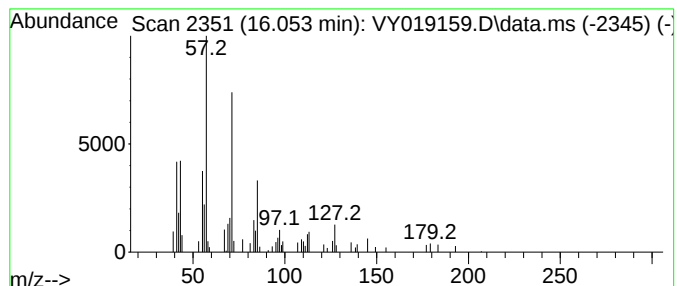
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Quant Title : SW846 8260

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

Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.053	19.24 ug/l	23851	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019159.D
Acq On : 20 Aug 2024 18:29
Operator : SY/MD
Sample : P3643-12
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0.5-1-081524

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.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
3-Cyclohexen-1-...	13.669	12.4	ug/l	15361	4	13.346	61972	50.0
1-Hexanol, 5-me...	14.066	8.1	ug/l	10065	4	13.346	61972	50.0
Cyclohexanone, ...	14.181	14.0	ug/l	17325	4	13.346	61972	50.0
cis-Dihydrocarvone	14.340	8.3	ug/l	10293	4	13.346	61972	50.0
Decane, 1,1'-ox...	14.553	7.2	ug/l	8860	4	13.346	61972	50.0
unknown14.651	14.651	7.7	ug/l	9586	4	13.346	61972	50.0
Sulfurous acid,...	15.126	31.7	ug/l	39284	4	13.346	61972	50.0
unknown15.517	15.517	10.3	ug/l	12706	4	13.346	61972	50.0
Dodecane, 2,6,1...	16.053	19.2	ug/l	23851	4	13.346	61972	50.0