

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007086.D
 Acq On : 08 Jan 2022 18:16
 Operator : SY/MD
 Sample : N1070-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-010622

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\82Y010822S.M
 Title : SW846 8260

Signal : TIC: VY007086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.984	836	847	861	rBV	11360	35814	4.71%	0.361%
2	7.722	959	968	974	rBV	103961	252109	33.17%	2.542%
3	7.795	974	980	995	rVB	181144	412870	54.32%	4.163%
4	8.149	1025	1038	1049	rBV	112768	250315	32.93%	2.524%
5	8.697	1119	1128	1137	rBV	278614	552176	72.64%	5.568%
6	10.185	1363	1372	1385	rBV	448627	760118	100.00%	7.665%
7	10.587	1431	1438	1443	rBV	12092	21470	2.82%	0.217%
8	10.953	1492	1498	1505	rBV3	5116	10089	1.33%	0.102%
9	11.319	1544	1558	1564	rVB7	11915	32372	4.26%	0.326%
10	11.496	1579	1587	1597	rBV	392228	651269	85.68%	6.567%
11	11.715	1612	1623	1631	rBV6	20920	61384	8.08%	0.619%
12	11.782	1631	1634	1640	rVB4	6227	10158	1.34%	0.102%
13	12.008	1664	1671	1678	rBV5	16588	46205	6.08%	0.466%
14	12.124	1687	1690	1695	rVB	16851	23067	3.03%	0.233%
15	12.203	1699	1703	1706	rVV3	11879	20495	2.70%	0.207%
16	12.239	1706	1709	1715	rVB2	19158	34948	4.60%	0.352%
17	12.386	1726	1733	1735	rBV5	9876	22048	2.90%	0.222%
18	12.416	1735	1738	1740	rVV	18122	23508	3.09%	0.237%
19	12.441	1740	1742	1744	rVV2	15051	17935	2.36%	0.181%
20	12.483	1744	1749	1755	rVV2	333093	538741	70.88%	5.433%
21	12.526	1755	1756	1760	rVB2	22711	19529	2.57%	0.197%
22	12.575	1761	1764	1768	rVB5	9121	10882	1.43%	0.110%
23	12.648	1772	1776	1783	rVB4	25982	49452	6.51%	0.499%
24	12.733	1783	1790	1793	rBV5	20216	45711	6.01%	0.461%
25	12.806	1794	1802	1808	rBV2	200169	353447	46.50%	3.564%
26	12.867	1808	1812	1816	rVB2	32421	53219	7.00%	0.537%
27	12.953	1817	1826	1830	rBV3	35171	75881	9.98%	0.765%
28	13.007	1831	1835	1837	rVV2	24882	38350	5.05%	0.387%
29	13.044	1837	1841	1847	rVB	114032	171054	22.50%	1.725%
30	13.105	1847	1851	1858	rBV7	16148	32202	4.24%	0.325%
31	13.172	1858	1862	1867	rBV3	35209	63125	8.30%	0.637%
32	13.227	1867	1871	1874	rVV3	24632	40522	5.33%	0.409%
33	13.318	1878	1886	1890	rBV4	87879	193134	25.41%	1.948%
34	13.367	1890	1894	1897	rVV	65937	98846	13.00%	0.997%
35	13.428	1897	1904	1913	rVB	416594	717002	94.33%	7.230%
36	13.507	1913	1917	1922	rVB	58833	76969	10.13%	0.776%

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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	13.568	1922	1927	1930	rBV5	21090	34683	4.56%	0.350%
38	13.672	1940	1944	1951	rVB2	36756	58175	7.65%	0.587%
39	13.757	1952	1958	1962	rBV	418698	633829	83.39%	6.392%
40	13.800	1962	1965	1968	rVV2	25319	35877	4.72%	0.362%
41	13.916	1980	1984	1989	rBV4	59706	114211	15.03%	1.152%
42	13.971	1990	1993	1997	rVB2	74780	104499	13.75%	1.054%
43	14.020	1997	2001	2006	rVB2	58959	95013	12.50%	0.958%
44	14.080	2006	2011	2016	rBV3	69473	111974	14.73%	1.129%
45	14.148	2016	2022	2027	rBV5	46794	96506	12.70%	0.973%
46	14.202	2027	2031	2033	rBV3	27586	44985	5.92%	0.454%
47	14.257	2033	2040	2047	rVV7	110124	315054	41.45%	3.177%
48	14.318	2047	2050	2057	rVB3	62713	113482	14.93%	1.144%
49	14.385	2057	2061	2064	rBV3	75837	99280	13.06%	1.001%
50	14.422	2064	2067	2072	rVB3	76252	102019	13.42%	1.029%
51	14.477	2073	2076	2080	rBV4	22839	34358	4.52%	0.346%
52	14.611	2094	2098	2104	rVB	269156	359674	47.32%	3.627%
53	14.684	2104	2110	2114	rVV4	98185	218199	28.71%	2.200%
54	14.733	2114	2118	2125	rVB2	145420	242292	31.88%	2.443%
55	14.836	2133	2135	2144	rVB4	41061	73607	9.68%	0.742%
56	14.946	2149	2153	2156	rBV5	39225	51203	6.74%	0.516%
57	15.056	2165	2171	2175	rBV5	46636	97665	12.85%	0.985%
58	15.214	2191	2197	2205	rBV	112018	199988	26.31%	2.017%
59	15.294	2206	2210	2214	rVV3	32988	52956	6.97%	0.534%
60	15.440	2229	2234	2242	rVB	128217	218123	28.70%	2.200%
61	15.538	2242	2250	2256	rVV7	37450	117567	15.47%	1.186%
62	15.611	2258	2262	2267	rVB2	40502	69857	9.19%	0.704%
63	15.733	2278	2282	2288	rVB2	42221	73868	9.72%	0.745%
64	15.885	2303	2307	2315	rBV8	15807	33312	4.38%	0.336%
65	16.037	2325	2332	2336	rBV5	39851	91005	11.97%	0.918%
66	16.159	2347	2352	2357	rBV2	34772	57799	7.60%	0.583%
67	16.233	2359	2364	2370	rVB2	33004	67310	8.86%	0.679%
68	16.361	2380	2385	2390	rBV2	24195	44264	5.82%	0.446%
69	16.482	2400	2405	2410	rBV6	13851	37667	4.96%	0.380%

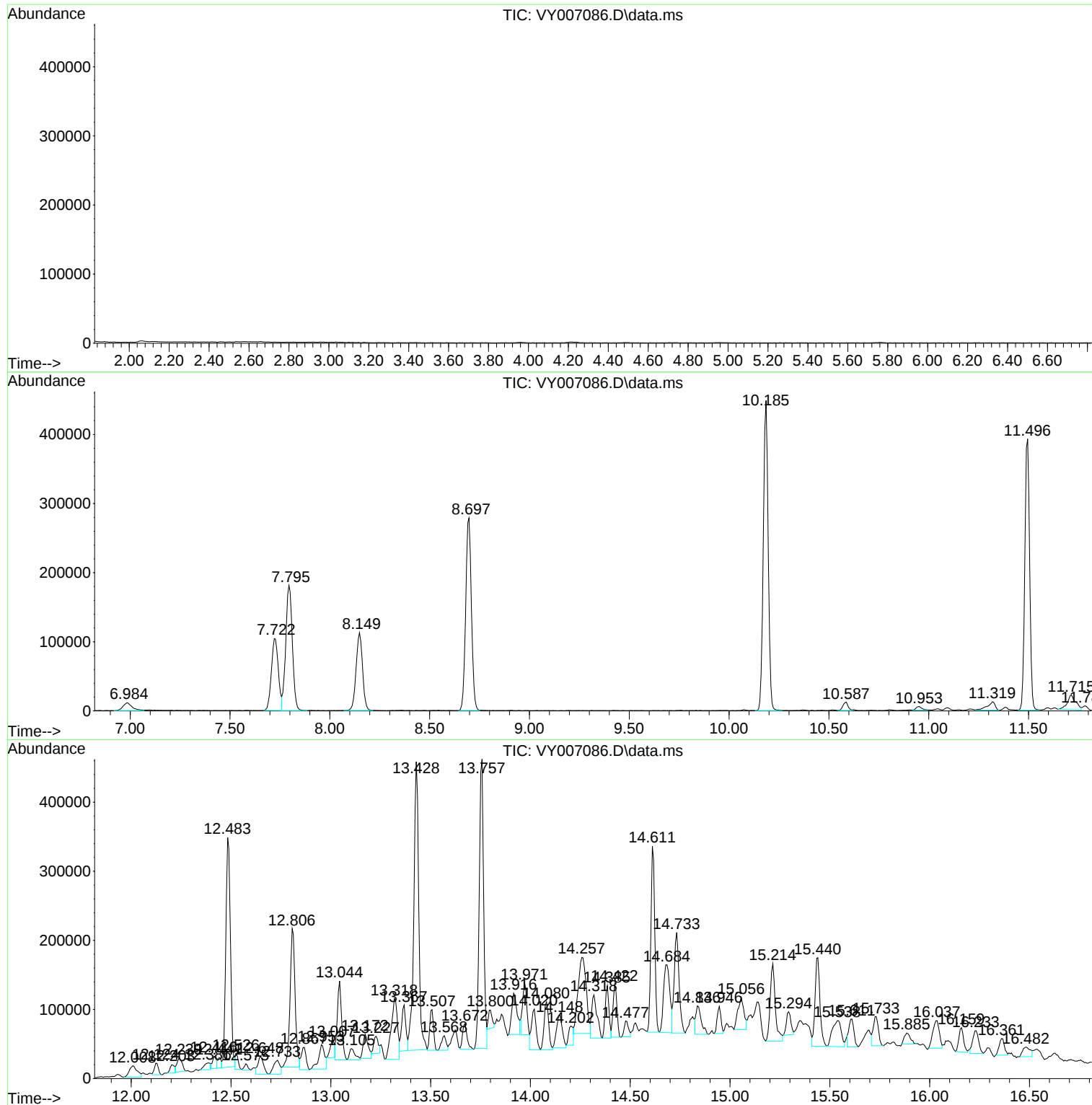
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260

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



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ClientSampleId :
HR-03-010622

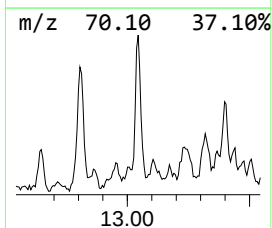
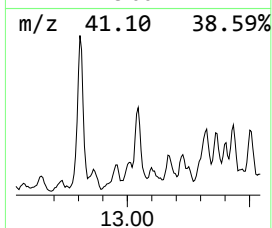
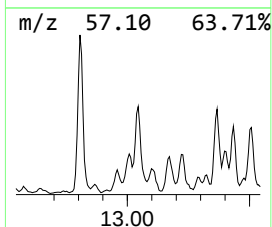
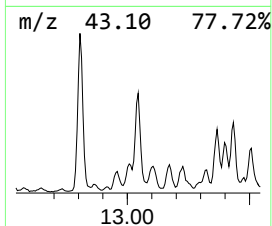
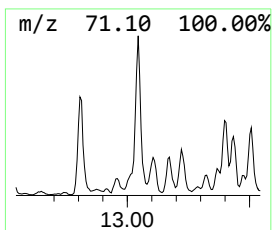
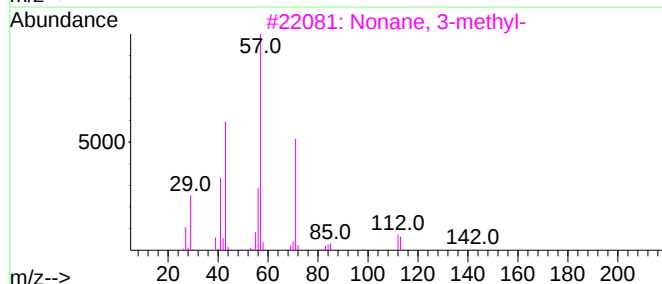
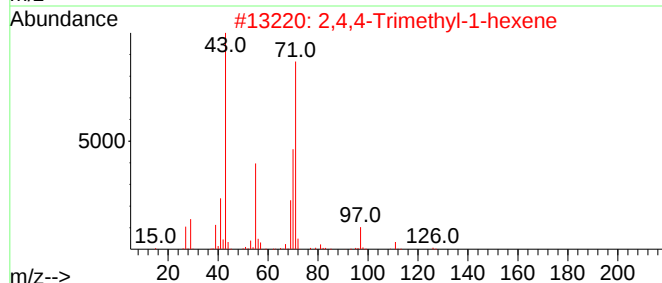
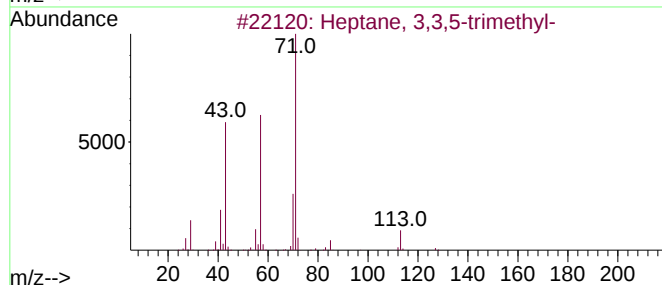
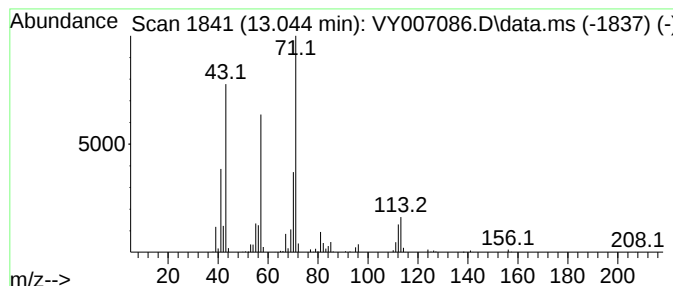
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.044	11.93 ug/l	171054	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
2			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	53
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4			3-Bromooctane	192	C8H17Br	000999-64-4	50
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	47



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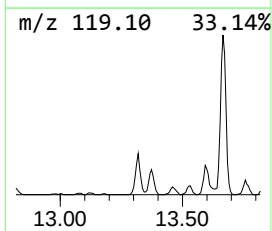
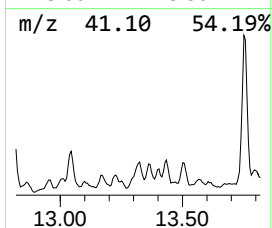
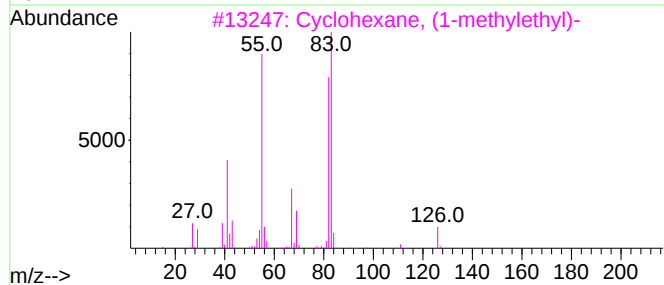
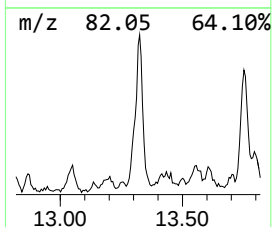
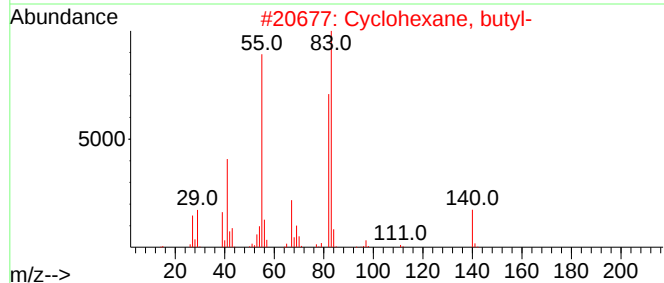
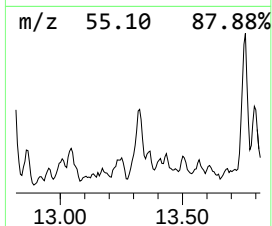
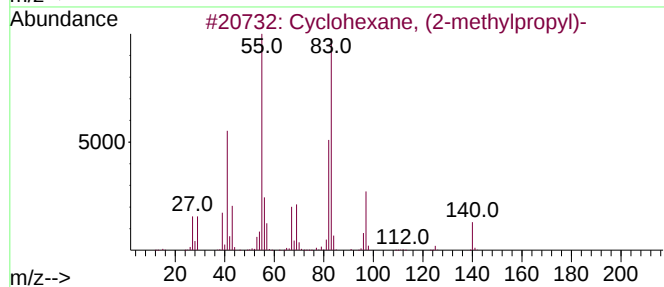
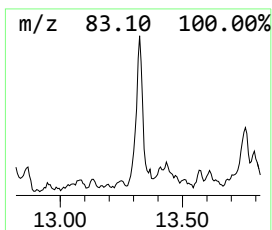
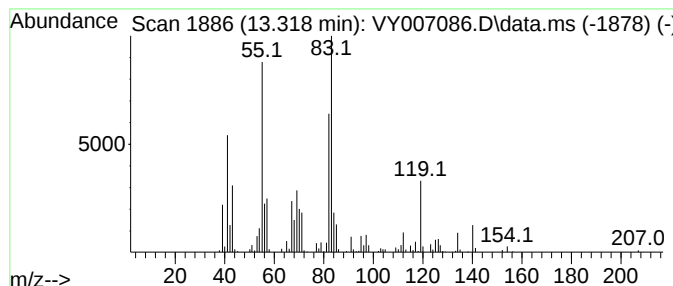
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, (2-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.318	13.47 ug/l	193134	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	58
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
5			Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	49



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ClientSampleId :
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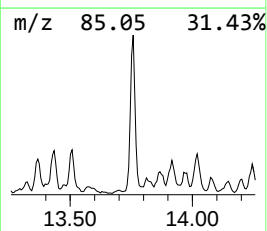
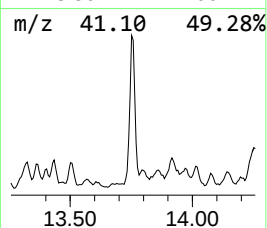
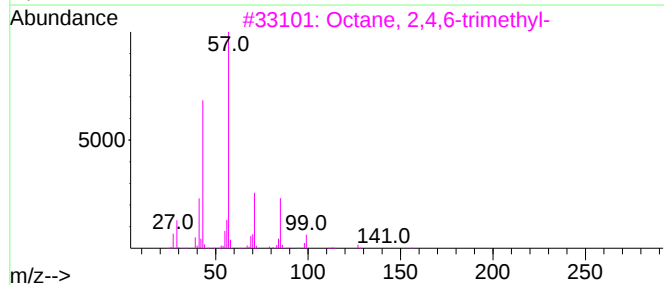
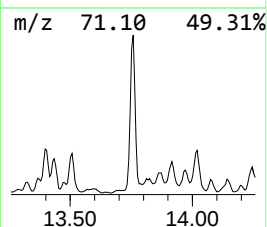
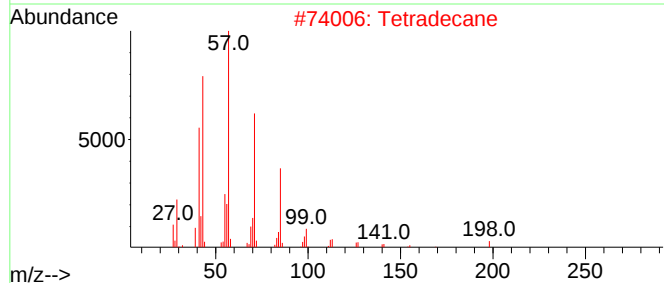
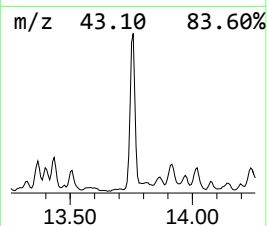
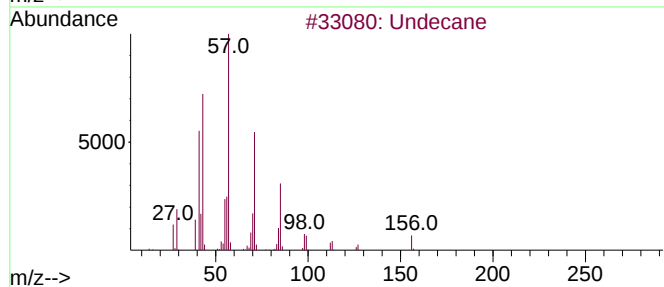
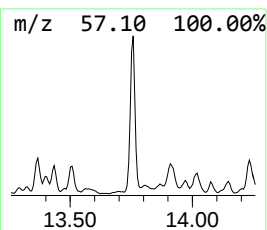
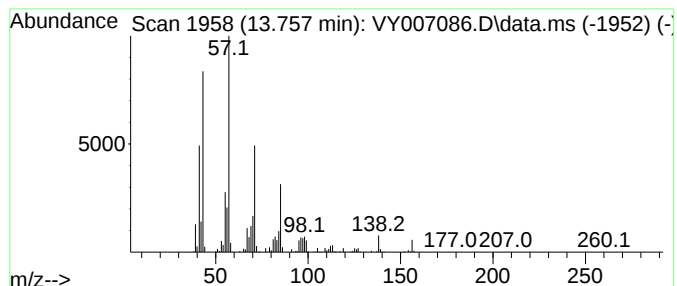
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	44.20 ug/l	633829	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	96
2			Tetradecane	198	C14H30	000629-59-4	80
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
4			Hexadecane	226	C16H34	000544-76-3	64
5			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	64



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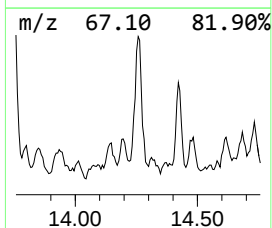
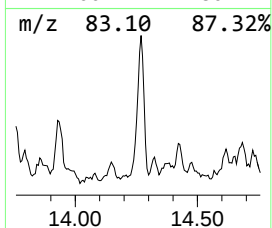
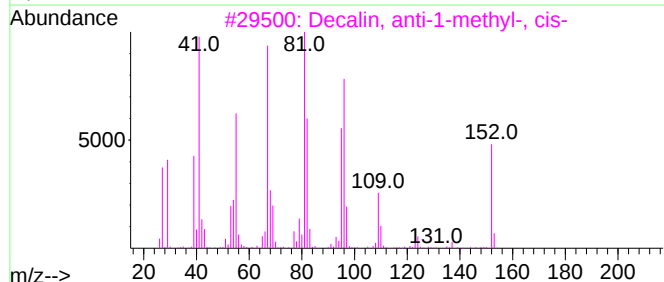
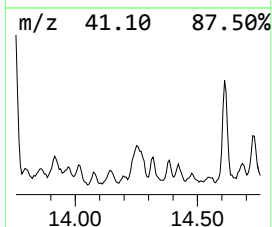
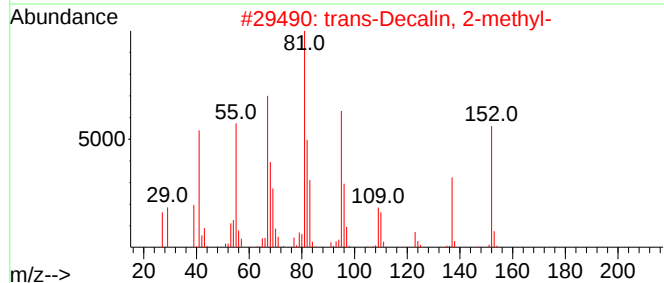
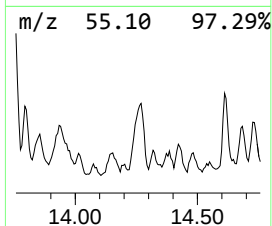
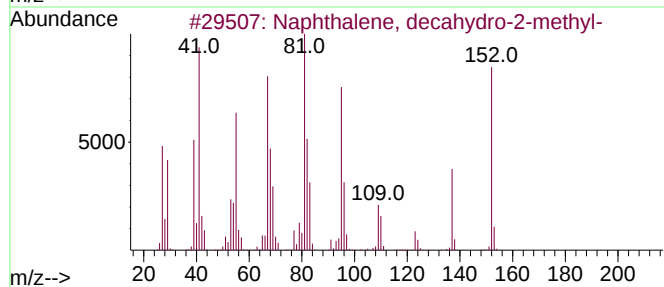
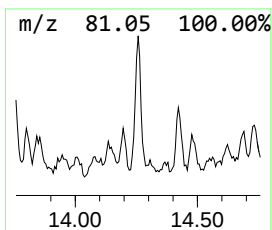
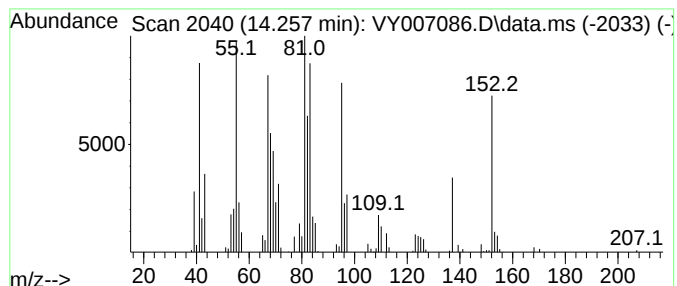
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	21.97 ug/l	315054	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
3			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	70
4			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	55
5			4-Cyclohexylidene-n-butanol	154	C10H18O	004441-58-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
Data File : VY007086.D
Acq On : 08 Jan 2022 18:16
Operator : SY/MD
Sample : N1070-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

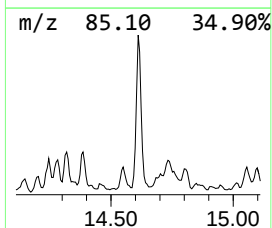
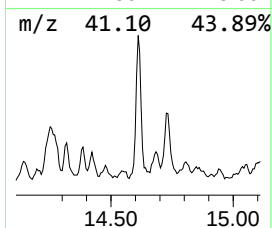
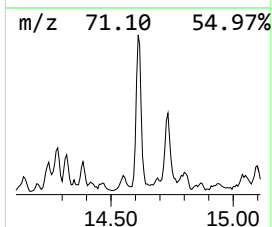
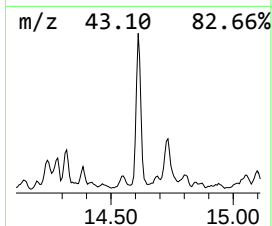
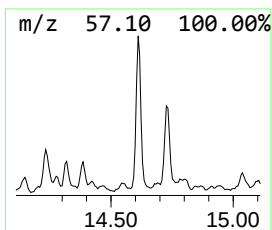
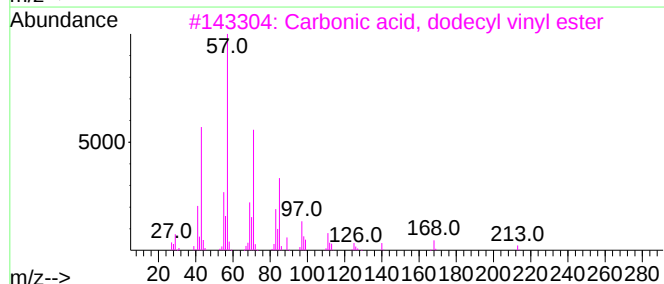
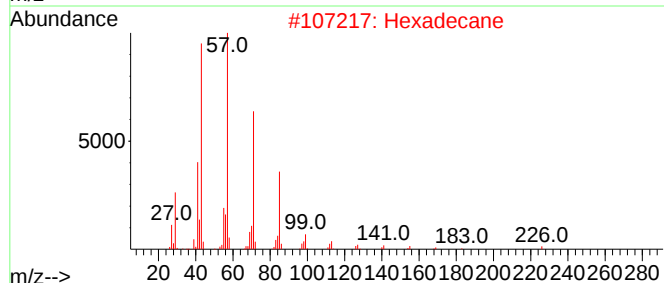
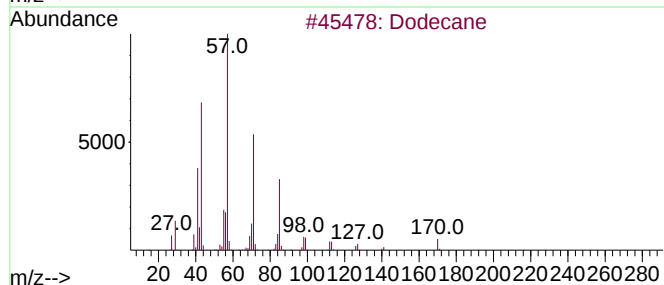
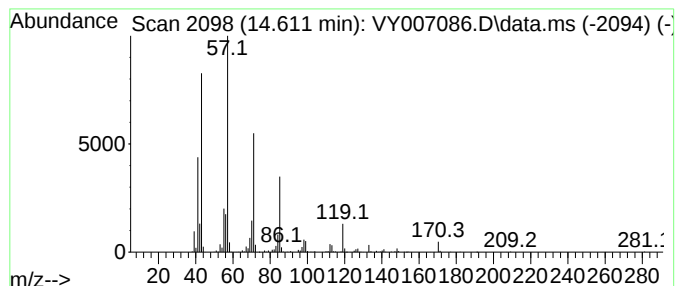
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	25.08 ug/l	359674	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Hexadecane	226	C16H34	000544-76-3	72
3			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	64
4			Tridecane	184	C13H28	000629-50-5	64
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
Data File : VY007086.D
Acq On : 08 Jan 2022 18:16
Operator : SY/MD
Sample : N1070-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

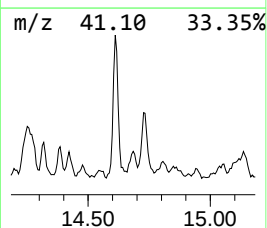
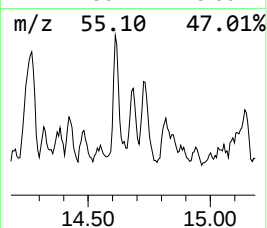
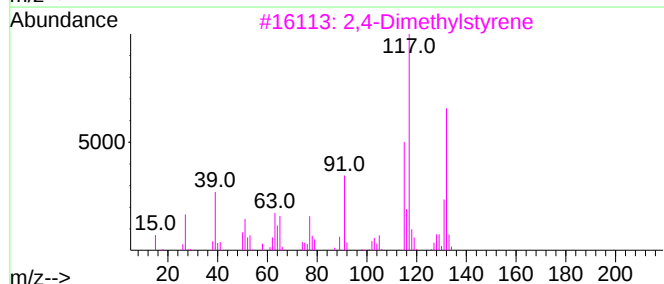
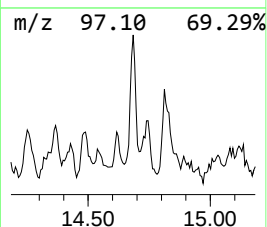
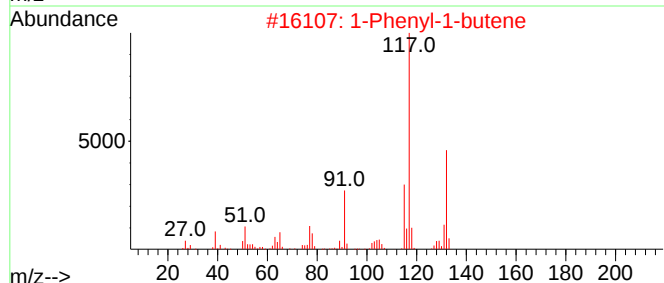
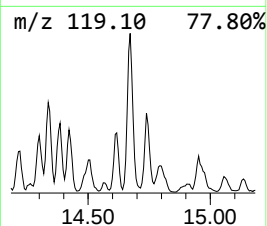
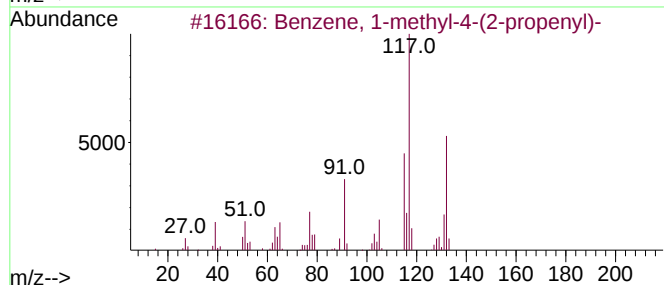
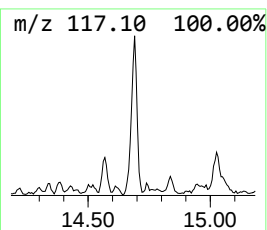
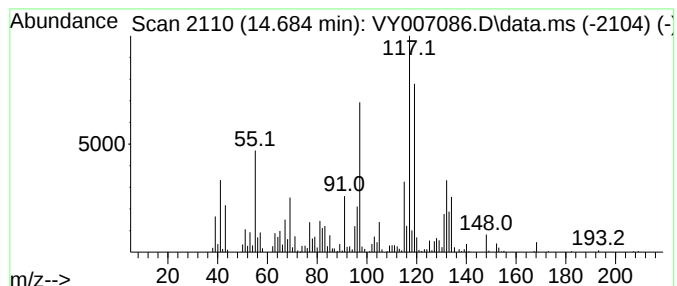
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	15.22 ug/l	218199	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	89
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	83
3			2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	52
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
Data File : VY007086.D
Acq On : 08 Jan 2022 18:16
Operator : SY/MD
Sample : N1070-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

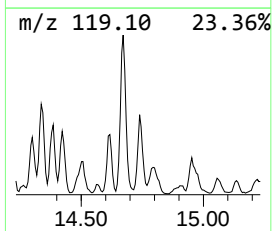
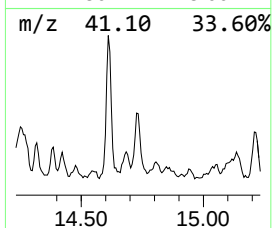
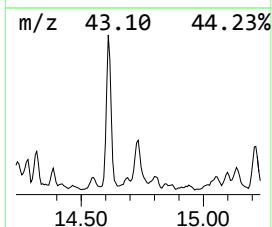
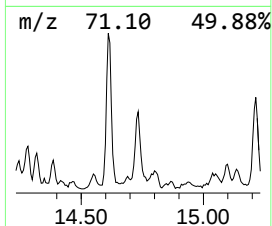
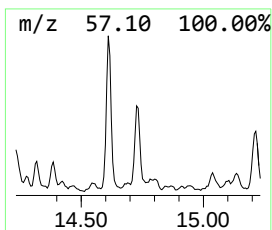
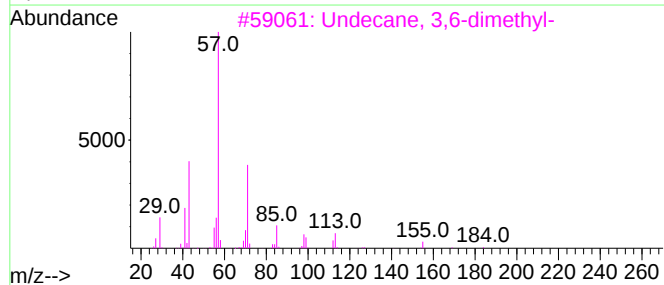
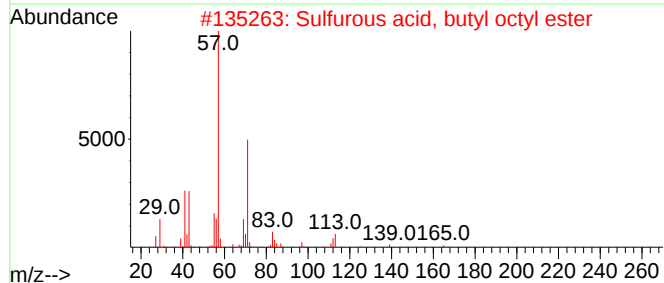
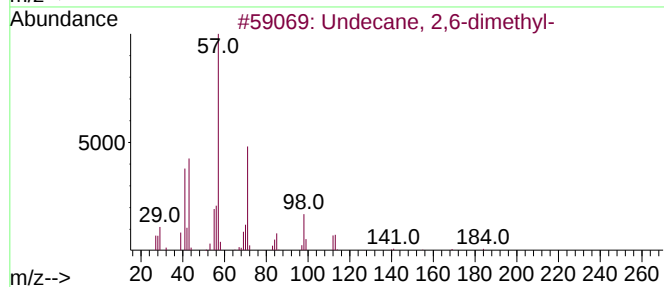
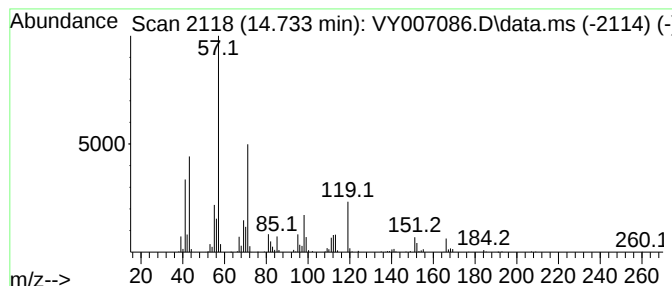
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	16.90 ug/l	242292	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	49
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	49
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	46
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
Data File : VY007086.D
Acq On : 08 Jan 2022 18:16
Operator : SY/MD
Sample : N1070-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

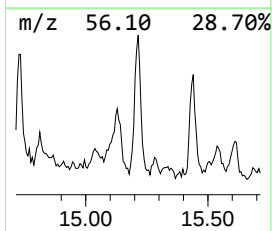
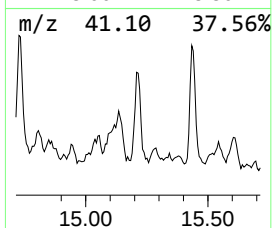
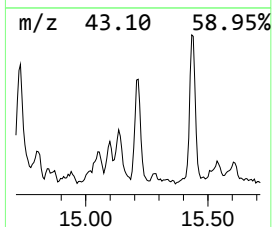
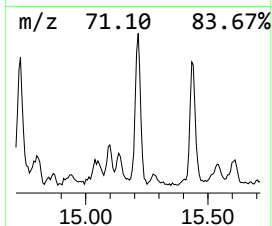
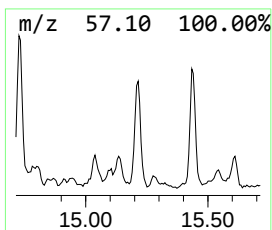
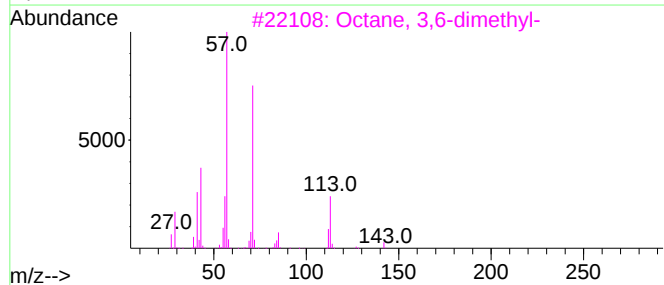
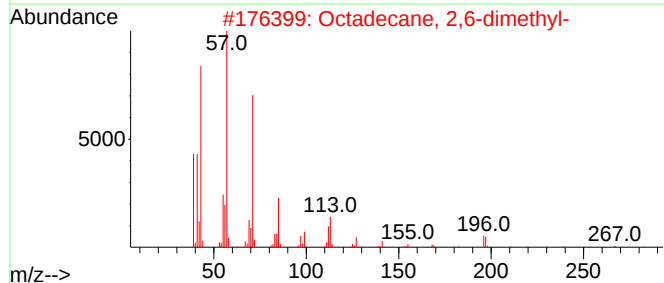
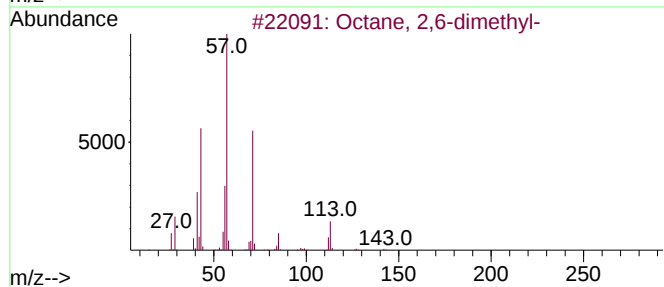
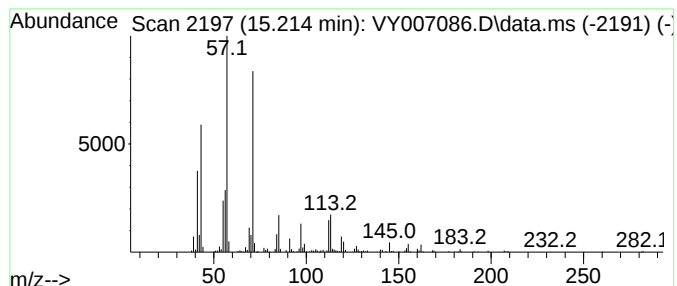
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Quant Title : SW846 8260

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	13.95 ug/l	199988	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	68
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
Data File : VY007086.D
Acq On : 08 Jan 2022 18:16
Operator : SY/MD
Sample : N1070-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

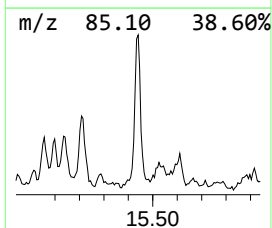
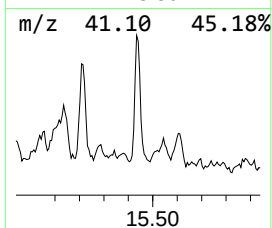
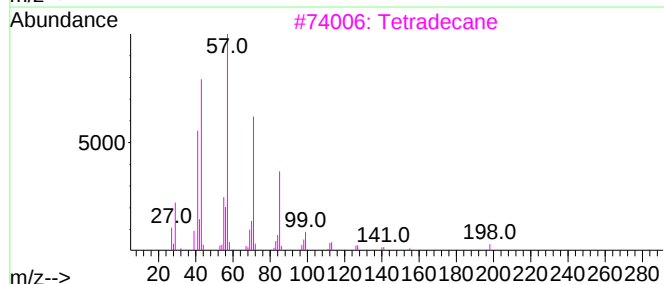
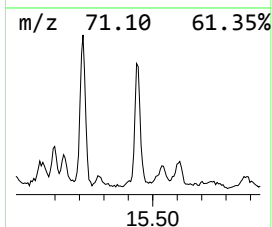
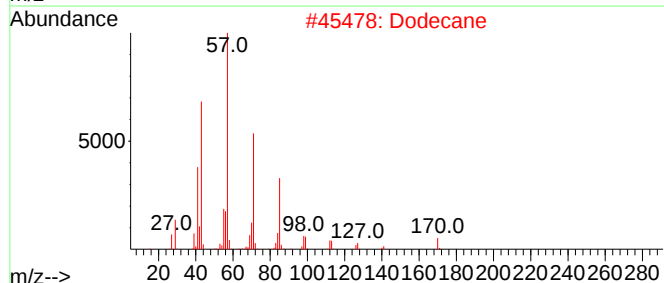
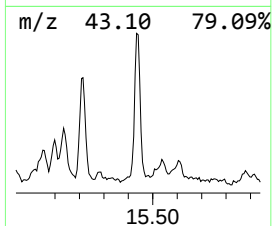
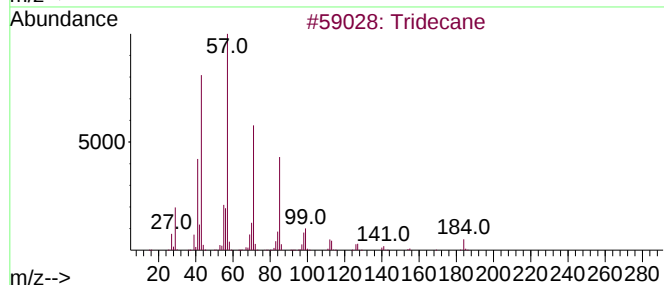
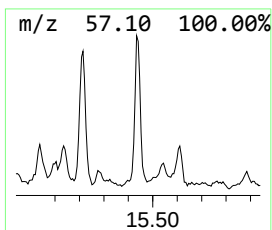
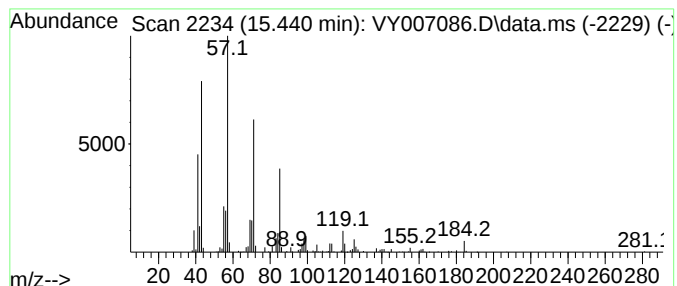
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.440	15.21 ug/l	218123	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Dodecane	170	C12H26	000112-40-3	81
3			Tetradecane	198	C14H30	000629-59-4	74
4			Hexadecane	226	C16H34	000544-76-3	72
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
Data File : VY007086.D
Acq On : 08 Jan 2022 18:16
Operator : SY/MD
Sample : N1070-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

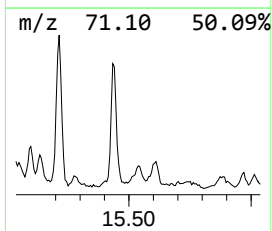
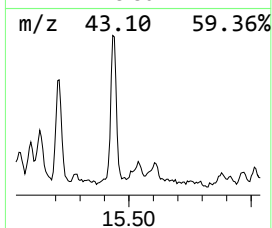
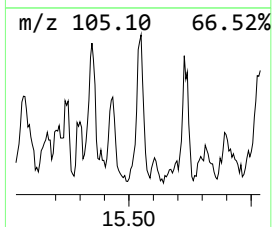
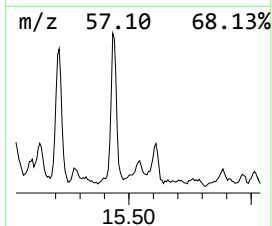
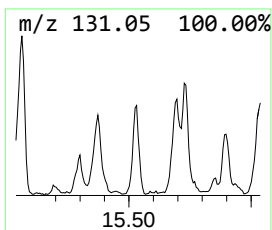
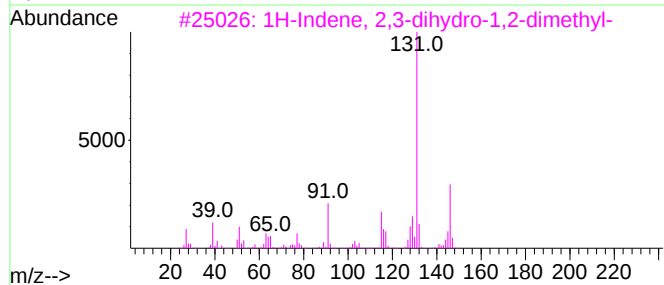
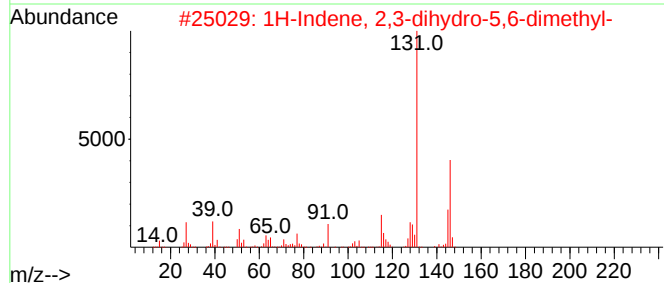
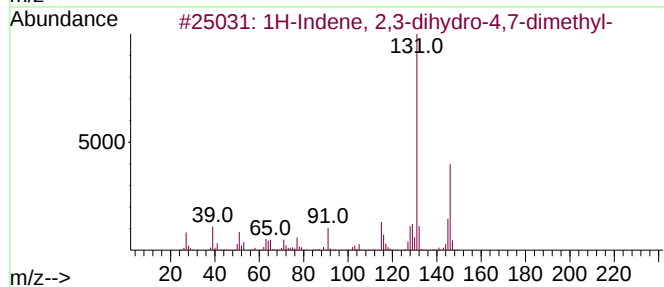
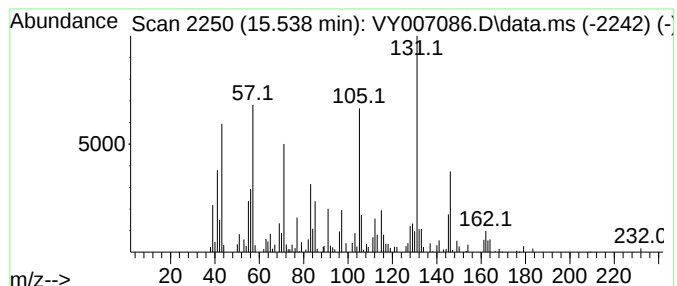
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Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.538	8.20 ug/l	117567	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87		
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64		
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55		
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	50		
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
Data File : VY007086.D
Acq On : 08 Jan 2022 18:16
Operator : SY/MD
Sample : N1070-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.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
Heptane, 3,3,5-...	13.044	11.9	ug/l	171054	4	13.428	717002	50.0
Cyclohexane, (2...	13.318	13.5	ug/l	193134	4	13.428	717002	50.0
Undecane	13.757	44.2	ug/l	633829	4	13.428	717002	50.0
Naphthalene, de...	14.257	22.0	ug/l	315054	4	13.428	717002	50.0
Dodecane	14.611	25.1	ug/l	359674	4	13.428	717002	50.0
Benzene, 1-meth...	14.684	15.2	ug/l	218199	4	13.428	717002	50.0
Undecane, 2,6-d...	14.733	16.9	ug/l	242292	4	13.428	717002	50.0
Octane, 2,6-dim...	15.214	13.9	ug/l	199988	4	13.428	717002	50.0
Tridecane	15.440	15.2	ug/l	218123	4	13.428	717002	50.0
1H-Indene, 2,3-...	15.538	8.2	ug/l	117567	4	13.428	717002	50.0