

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004082.D
 Acq On : 11 Mar 2021 17:14
 Operator : SY/MD
 Sample : M1650-01
 Misc : 7.49g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-031121

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\82Y030821S.M
 Title : SW846 8260

Signal : TIC: VY004082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.729	467	477	500	rBV2	14292	50148	2.69%	0.250%
2	7.728	958	969	975	rBV	182690	435383	23.38%	2.167%
3	7.801	975	981	994	rVB	293713	660901	35.49%	3.290%
4	8.149	1029	1038	1050	rVB	172232	389180	20.90%	1.937%
5	8.697	1118	1128	1140	rBV	465641	911361	48.94%	4.536%
6	10.185	1364	1372	1381	rBV	749002	1291683	69.36%	6.429%
7	11.496	1579	1587	1597	rVB	685107	1136069	61.01%	5.655%
8	11.709	1611	1622	1631	rBV4	30259	72394	3.89%	0.360%
9	12.032	1662	1675	1683	rBV2	31316	71296	3.83%	0.355%
10	12.246	1706	1710	1716	rVB5	11230	19899	1.07%	0.099%
11	12.489	1744	1750	1760	rVB3	1043552	1862173	100.00%	9.269%
12	12.672	1777	1780	1784	rVB	19950	28348	1.52%	0.141%
13	12.733	1784	1790	1794	rBV	76213	132894	7.14%	0.661%
14	12.770	1794	1796	1798	rVV	44379	57526	3.09%	0.286%
15	12.806	1798	1802	1808	rVV2	242760	396827	21.31%	1.975%
16	12.861	1808	1811	1816	rVB4	18100	26594	1.43%	0.132%
17	12.971	1821	1829	1833	rBV	64381	126991	6.82%	0.632%
18	13.038	1837	1840	1846	rVB	65775	93175	5.00%	0.464%
19	13.123	1846	1854	1858	rBV	172713	277689	14.91%	1.382%
20	13.166	1858	1861	1866	rVB2	17030	23812	1.28%	0.119%
21	13.227	1866	1871	1872	rBV	20753	28758	1.54%	0.143%
22	13.251	1873	1875	1879	rVB2	25728	27901	1.50%	0.139%
23	13.318	1879	1886	1890	rBV3	91204	174276	9.36%	0.867%
24	13.361	1890	1893	1897	rVV2	73577	116788	6.27%	0.581%
25	13.428	1897	1904	1913	rVV2	794674	1438922	77.27%	7.162%
26	13.501	1913	1916	1922	rVB	71074	92540	4.97%	0.461%
27	13.623	1928	1936	1940	rBV2	134743	216838	11.64%	1.079%
28	13.666	1940	1943	1952	rVB3	119585	220200	11.82%	1.096%
29	13.751	1952	1957	1962	rBV	726929	1028670	55.24%	5.120%
30	13.794	1962	1964	1966	rBV2	26604	30970	1.66%	0.154%
31	13.824	1966	1969	1972	rVB	39791	43578	2.34%	0.217%
32	13.885	1976	1979	1980	rBV	44889	48074	2.58%	0.239%
33	13.916	1981	1984	1989	rVB4	126550	174507	9.37%	0.869%
34	13.971	1989	1993	1997	rVB2	167834	233733	12.55%	1.163%
35	14.020	1997	2001	2006	rVB2	73978	123176	6.61%	0.613%
36	14.081	2006	2011	2016	rBV2	174705	274242	14.73%	1.365%

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Peak Location: TOP

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37	14.142	2016	2021	2027	rBV7	64124	153865	8.26%	0.766%
38	14.257	2027	2040	2041	rBV5	186584	524260	28.15%	2.610%
39	14.312	2047	2049	2052	rBV	58492	76041	4.08%	0.379%
40	14.379	2057	2060	2064	rBV	152250	205108	11.01%	1.021%
41	14.422	2064	2067	2071	rVB2	110168	137698	7.39%	0.685%
42	14.477	2073	2076	2079	rBV4	29847	39912	2.14%	0.199%
43	14.519	2080	2083	2087	rVB	52080	59387	3.19%	0.296%
44	14.568	2087	2091	2093	rBV2	71770	116248	6.24%	0.579%
45	14.611	2093	2098	2103	rVB	714355	981537	52.71%	4.886%
46	14.678	2103	2109	2114	rBV4	292683	645359	34.66%	3.212%
47	14.733	2114	2118	2124	rVB2	251989	421575	22.64%	2.098%
48	14.837	2131	2135	2141	rVB	160668	254750	13.68%	1.268%
49	14.940	2148	2152	2156	rBV3	86757	126375	6.79%	0.629%
50	14.977	2156	2158	2162	rVB	26196	28390	1.52%	0.141%
51	15.056	2165	2171	2175	rBV5	113791	241298	12.96%	1.201%
52	15.135	2181	2184	2190	rVB5	133278	236381	12.69%	1.177%
53	15.208	2191	2196	2205	rVV2	196964	404163	21.70%	2.012%
54	15.294	2206	2210	2214	rVV	102835	170080	9.13%	0.847%
55	15.349	2214	2219	2229	rVV6	94597	334192	17.95%	1.663%
56	15.434	2229	2233	2241	rVB	405468	647781	34.79%	3.224%
57	15.531	2242	2249	2255	rBV5	87586	235647	12.65%	1.173%
58	15.605	2256	2261	2266	rVB4	73088	132824	7.13%	0.661%
59	15.727	2277	2281	2288	rVB	169521	304190	16.34%	1.514%
60	15.885	2301	2307	2314	rBV6	59194	160906	8.64%	0.801%
61	16.038	2324	2332	2337	rBV2	116229	282477	15.17%	1.406%
62	16.153	2347	2351	2357	rBV	61073	103514	5.56%	0.515%
63	16.226	2358	2363	2369	rVV	86136	164766	8.85%	0.820%
64	16.294	2369	2374	2379	rVB2	67118	117767	6.32%	0.586%
65	16.361	2380	2385	2398	rVB	154202	293467	15.76%	1.461%
66	16.483	2400	2405	2412	rBV7	55425	152547	8.19%	0.759%

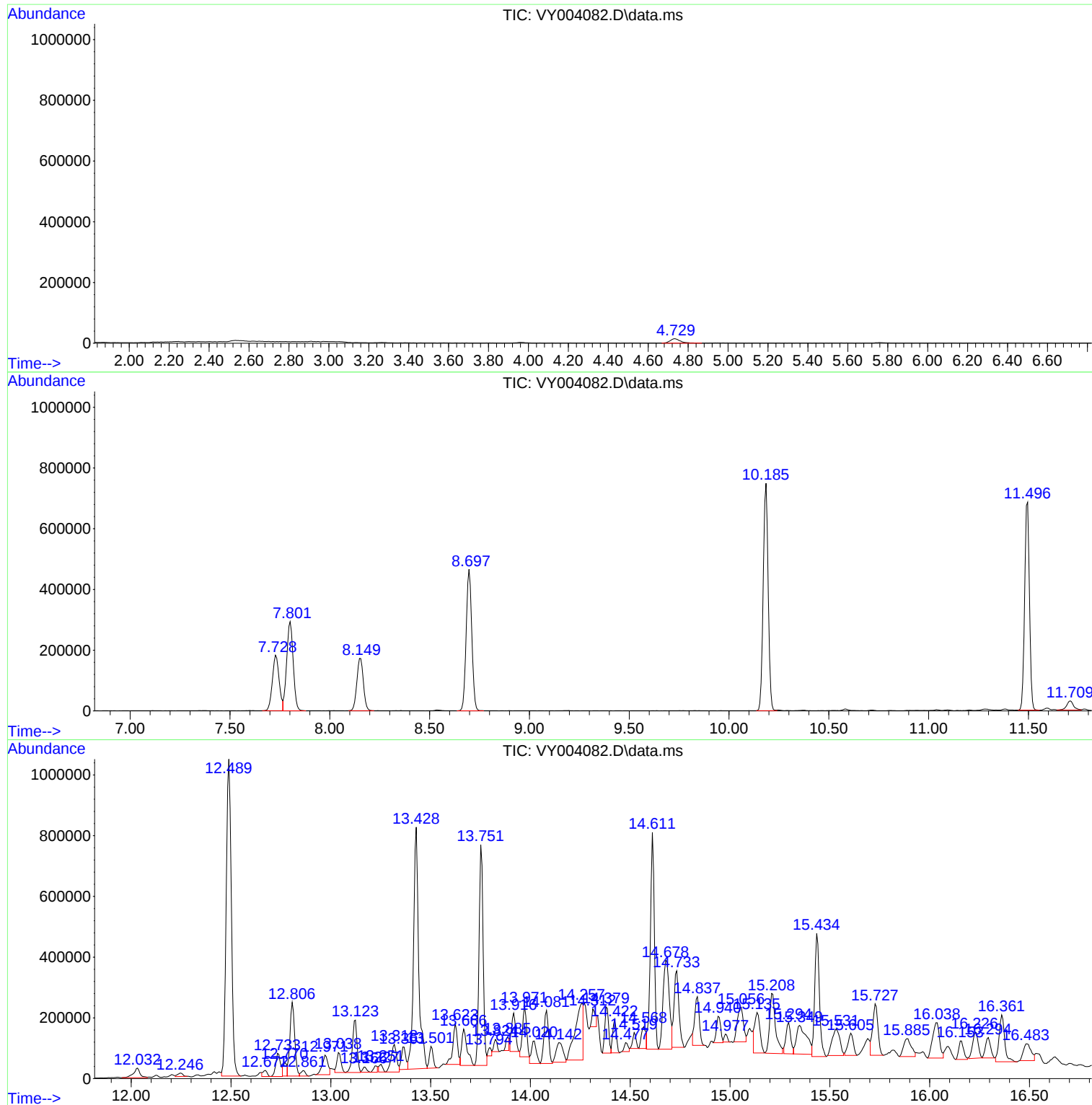
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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EO-01-031121

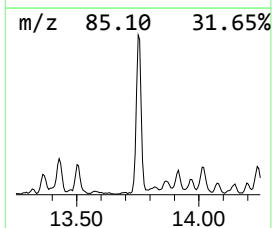
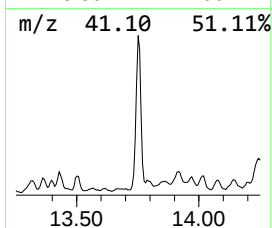
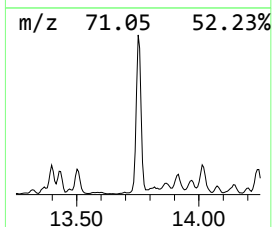
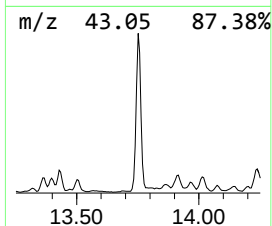
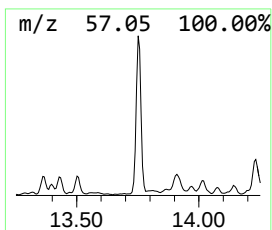
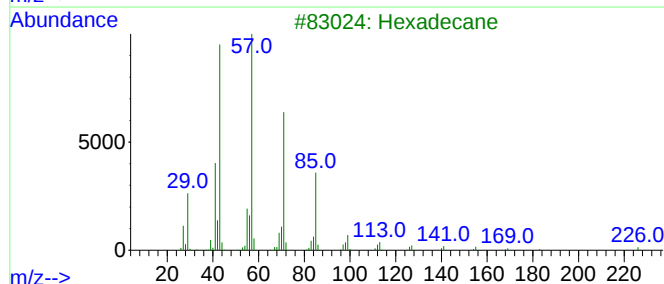
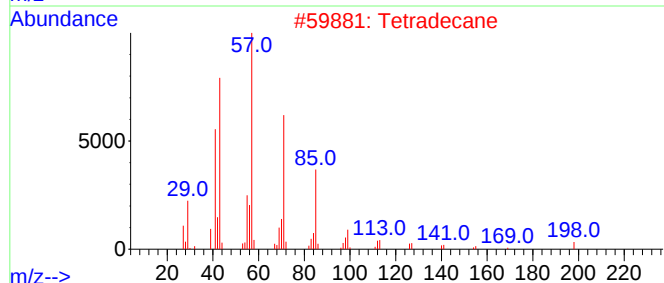
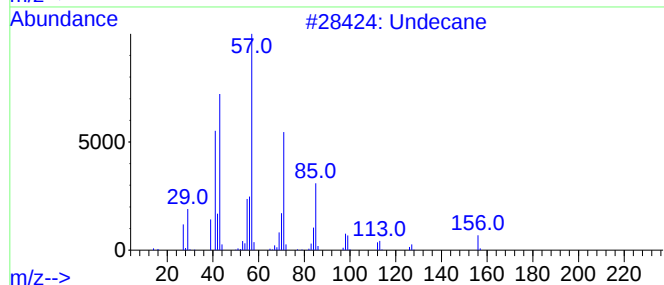
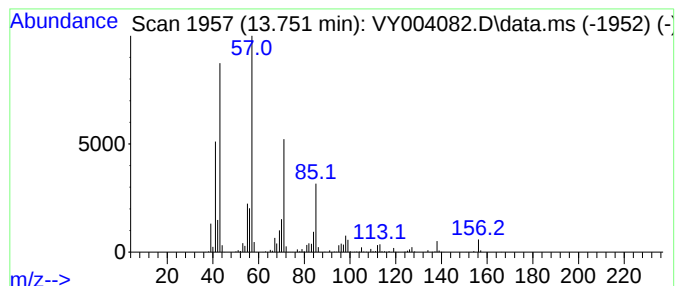
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	35.74 ug/l	1028670	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	86
3			Hexadecane	226	C16H34	000544-76-3	72
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5			Tridecane	184	C13H28	000629-50-5	72



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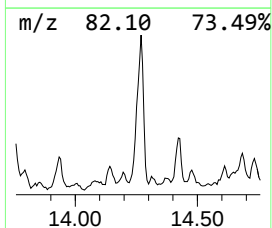
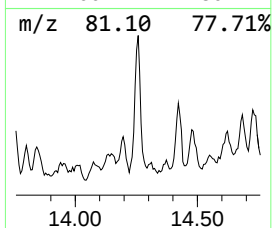
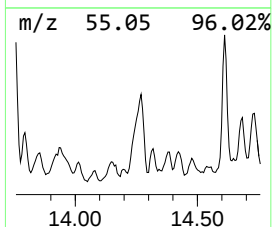
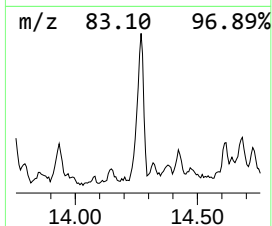
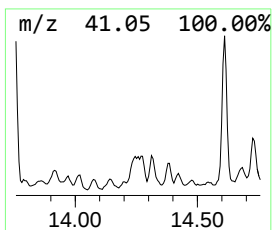
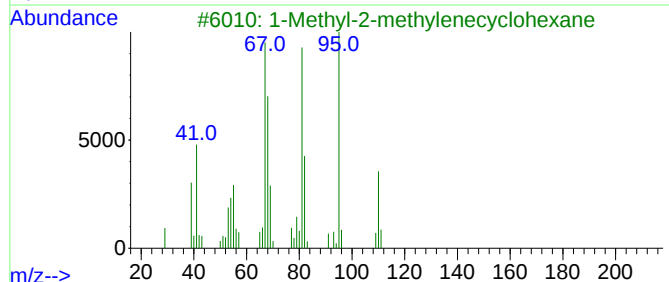
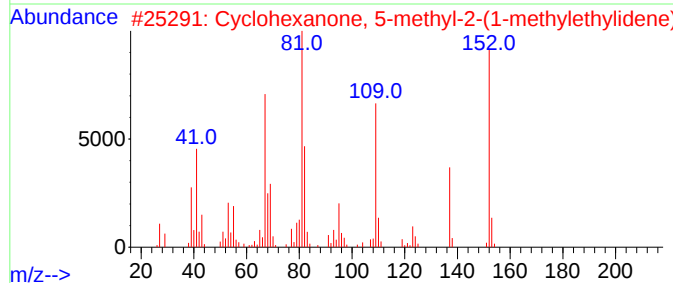
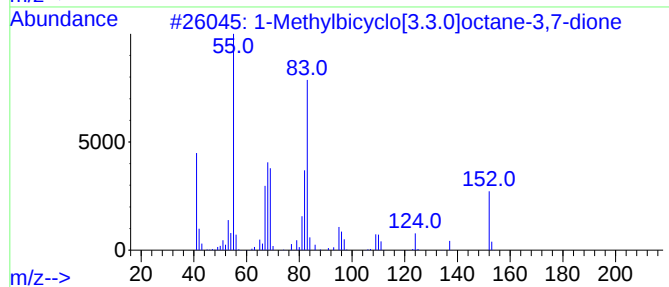
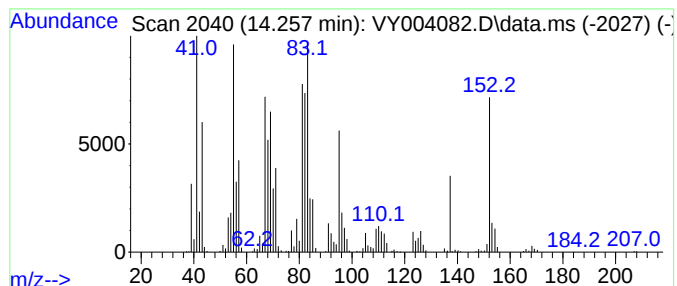
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown14.257 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	18.22 ug/l	524260	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	46
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	42
3			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	42
4			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	41
5			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	38



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ClientSampleId :
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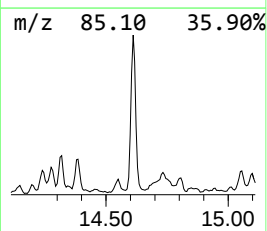
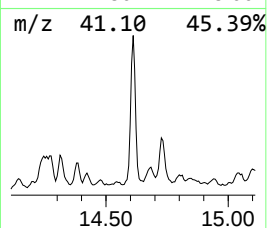
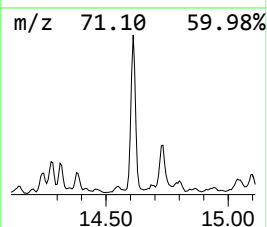
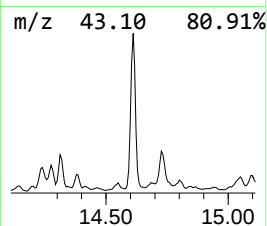
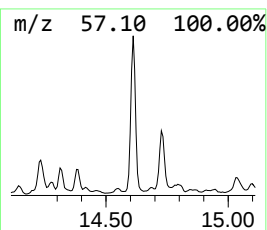
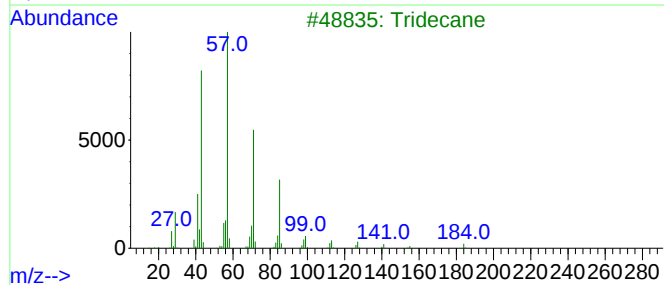
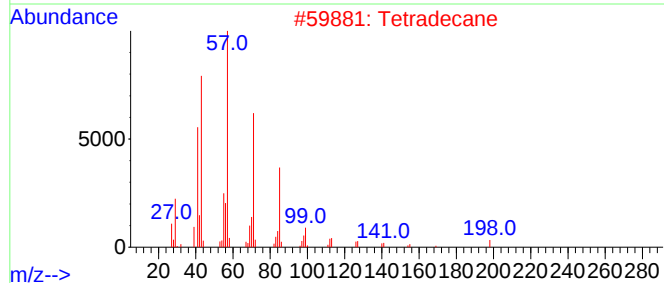
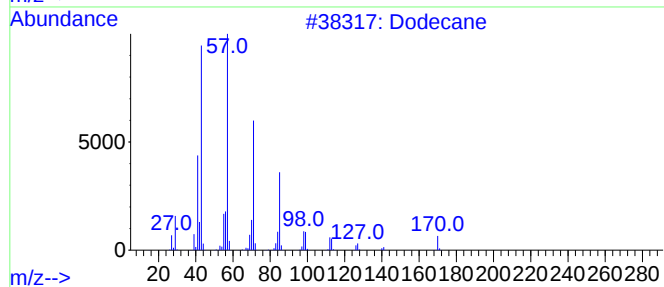
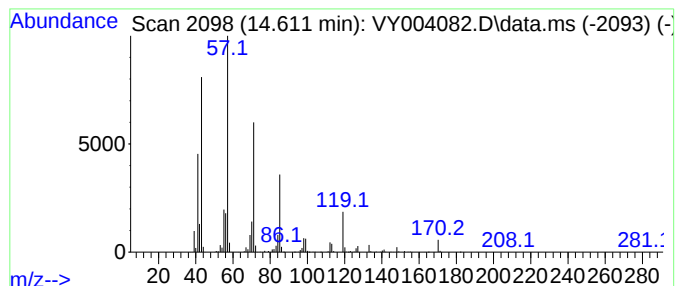
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	34.11 ug/l	981537	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	96
2			Tetradecane	198	C14H30	000629-59-4	83
3			Tridecane	184	C13H28	000629-50-5	80
4			Undecane	156	C11H24	001120-21-4	72
5			Hexadecane	226	C16H34	000544-76-3	72



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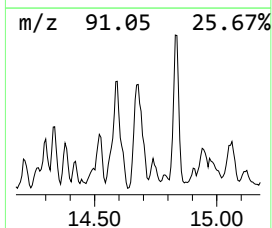
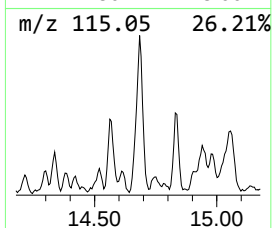
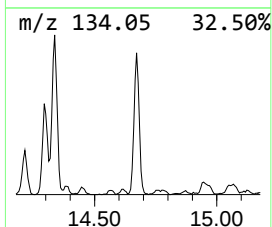
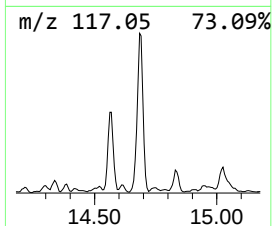
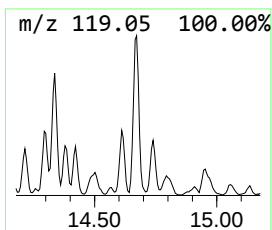
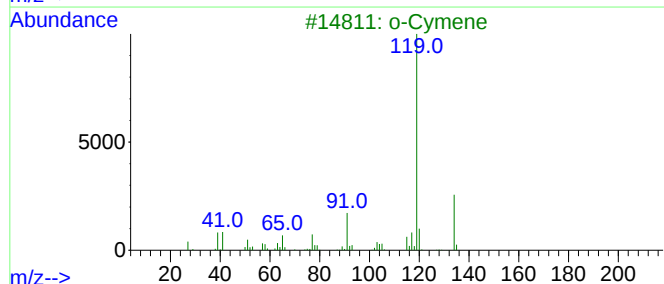
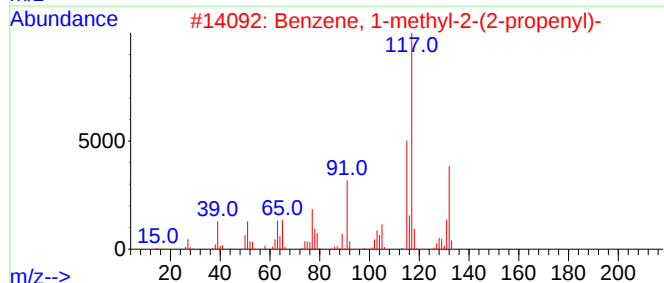
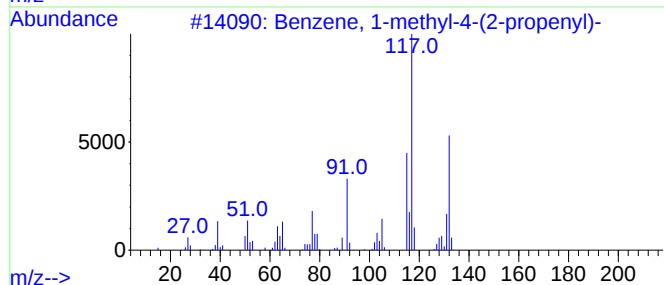
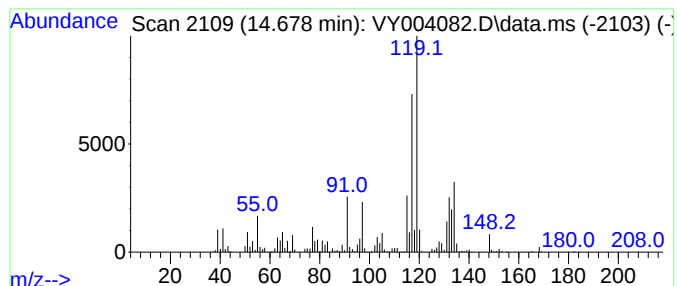
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	22.43 ug/l	645359	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	72
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
3			o-Cymene	134	C10H14	000527-84-4	50
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50



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Operator : SY/MD
Sample : M1650-01
Misc : 7.49g/5mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

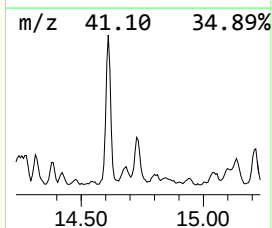
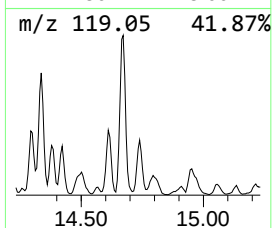
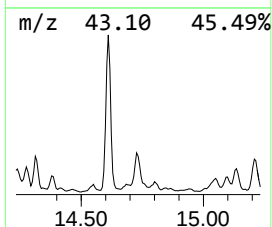
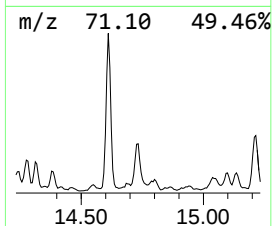
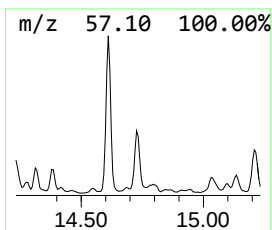
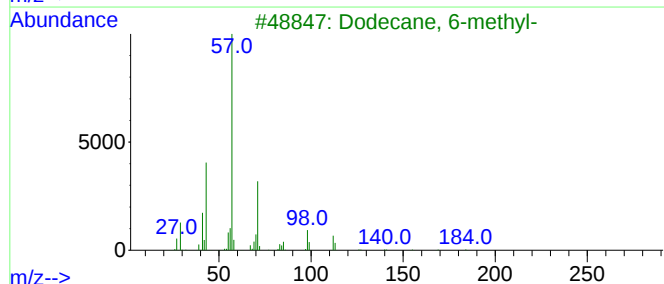
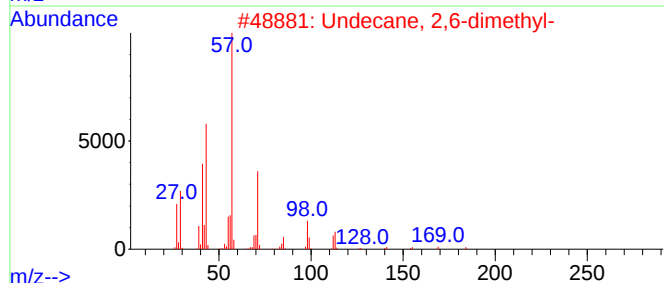
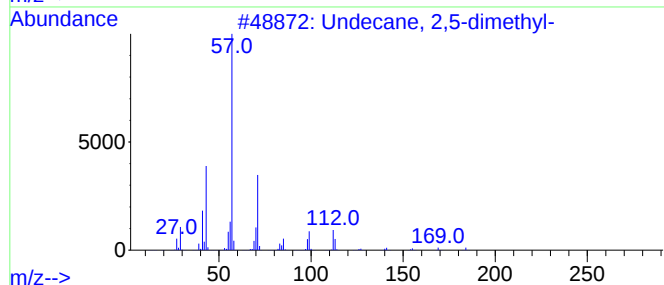
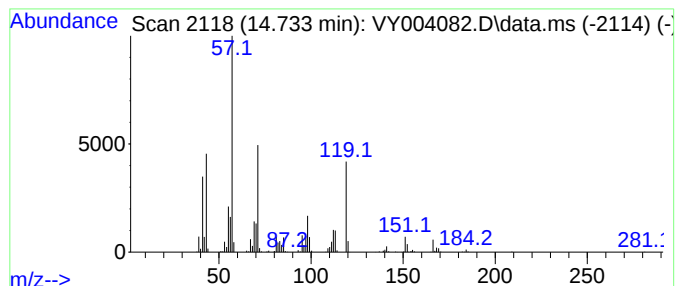
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	14.65 ug/l	421575	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	49
5			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
Data File : VY004082.D
Acq On : 11 Mar 2021 17:14
Operator : SY/MD
Sample : M1650-01
Misc : 7.49g/5mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

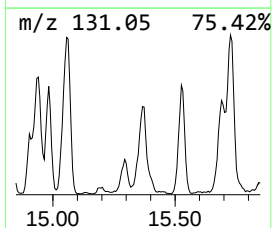
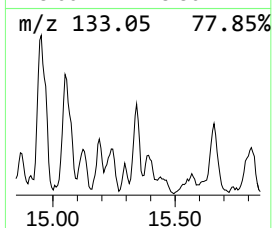
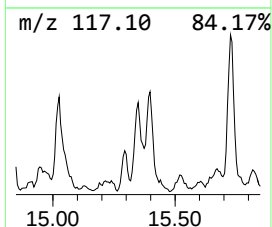
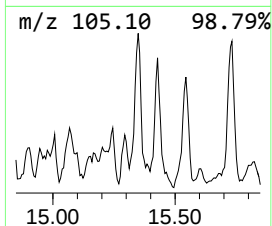
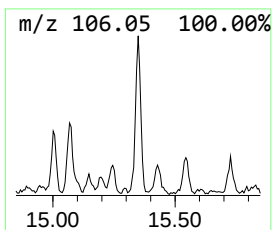
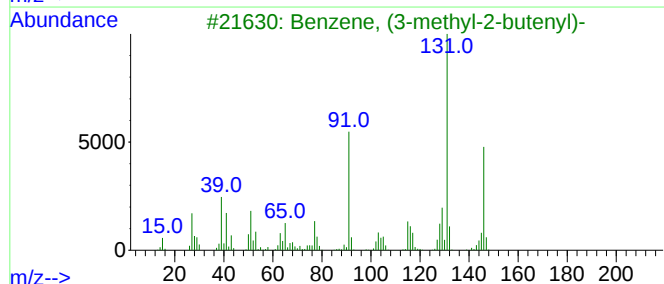
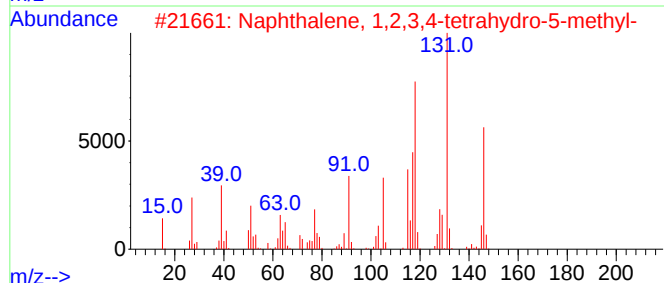
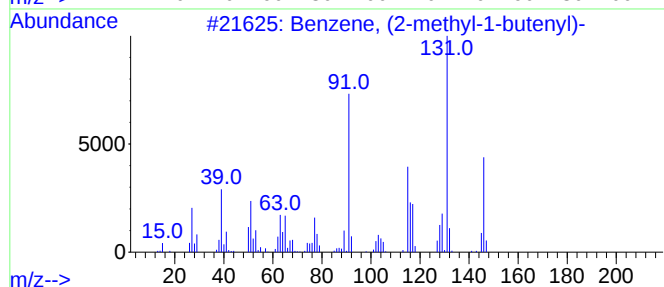
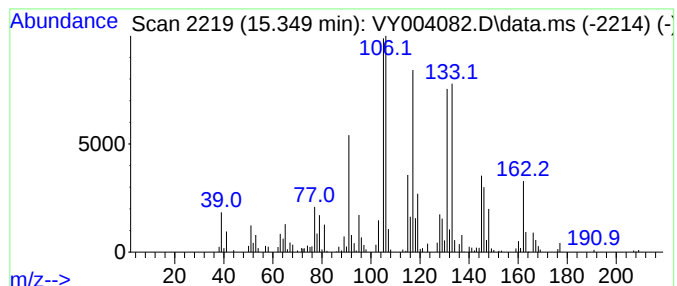
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown15.349 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	11.61 ug/l	334192	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	40
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	35
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	25
4			Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	25
5			4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
Data File : VY004082.D
Acq On : 11 Mar 2021 17:14
Operator : SY/MD
Sample : M1650-01
Misc : 7.49g/5mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

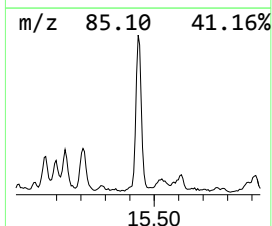
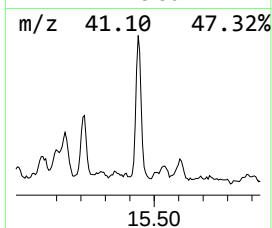
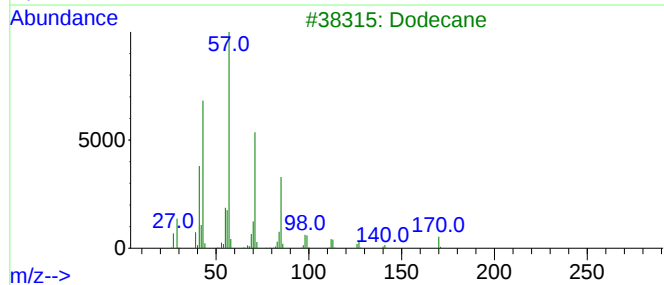
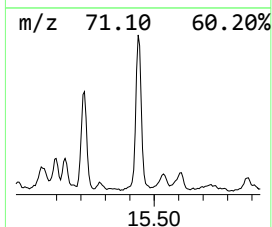
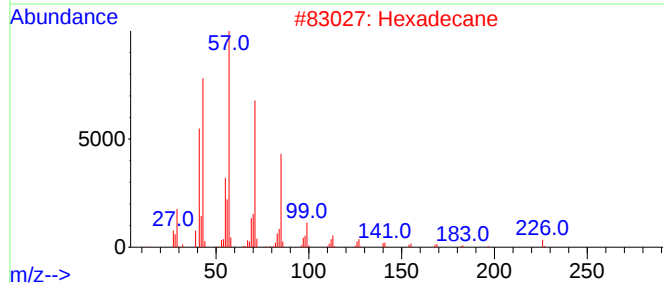
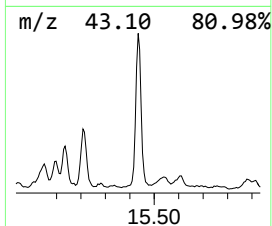
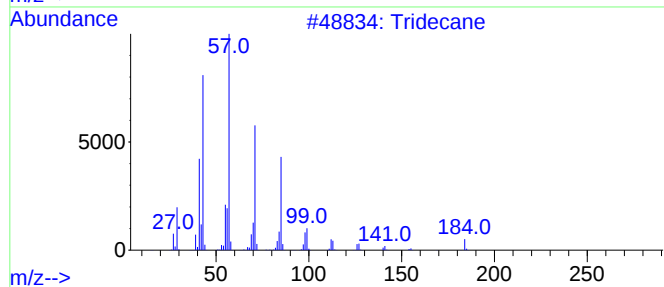
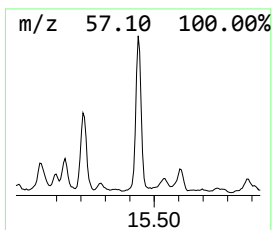
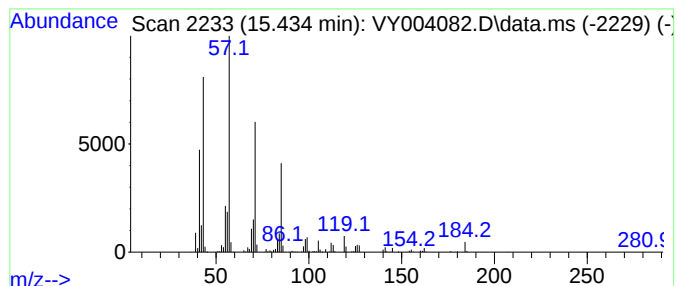
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	22.51 ug/l	647781	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Hexadecane	226	C16H34	000544-76-3	87
3			Dodecane	170	C12H26	000112-40-3	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
Data File : VY004082.D
Acq On : 11 Mar 2021 17:14
Operator : SY/MD
Sample : M1650-01
Misc : 7.49g/5mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

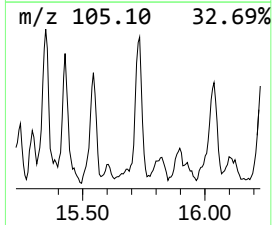
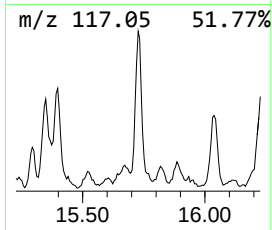
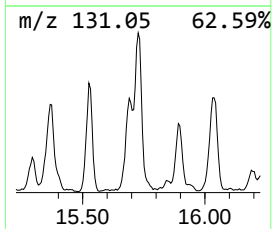
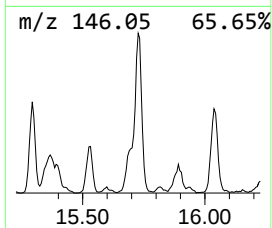
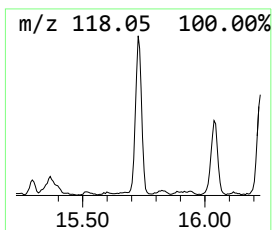
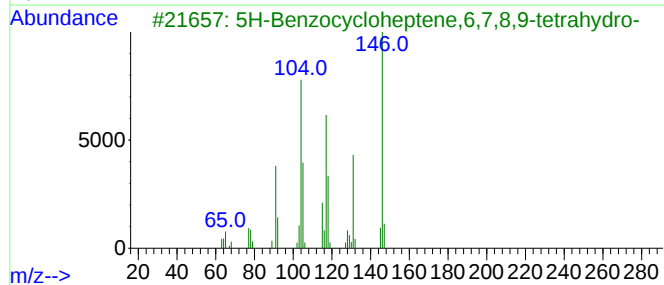
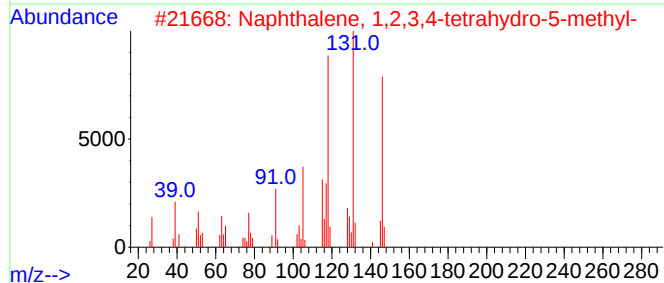
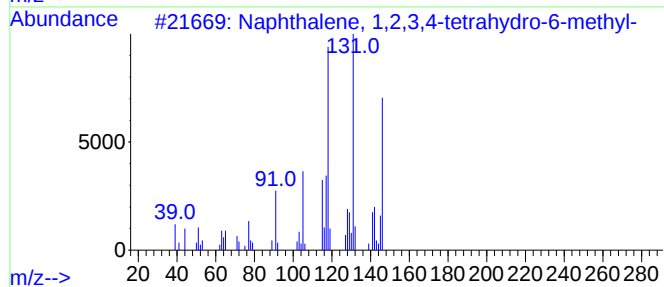
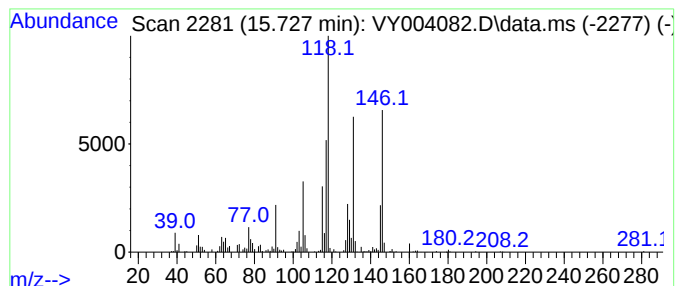
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	10.57 ug/l	304190	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	59
3			5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	47
4			Thiophene, tetrahydro-3-phenyl-,...	180	C10H12OS	093134-22-6	38
5			.alpha.-Methyl-.alpha.-phenylsuc...	189	C11H11NO2	001497-17-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
Data File : VY004082.D
Acq On : 11 Mar 2021 17:14
Operator : SY/MD
Sample : M1650-01
Misc : 7.49g/5mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

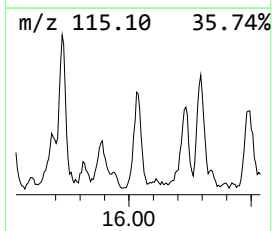
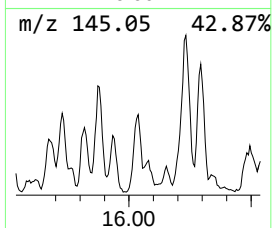
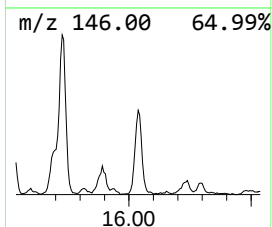
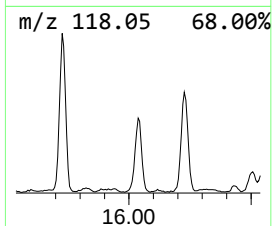
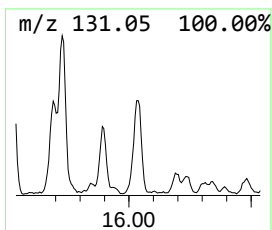
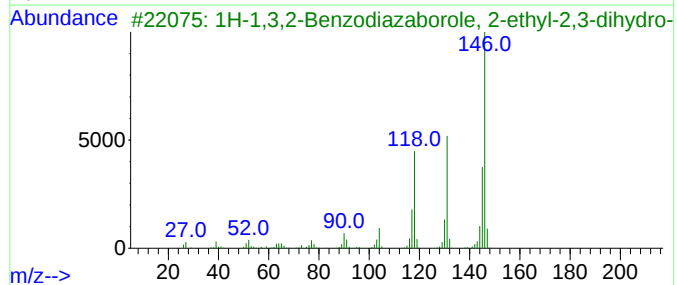
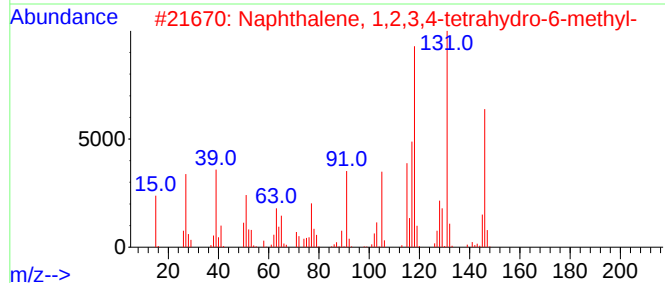
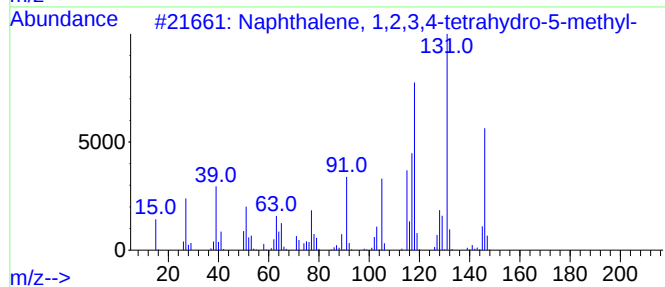
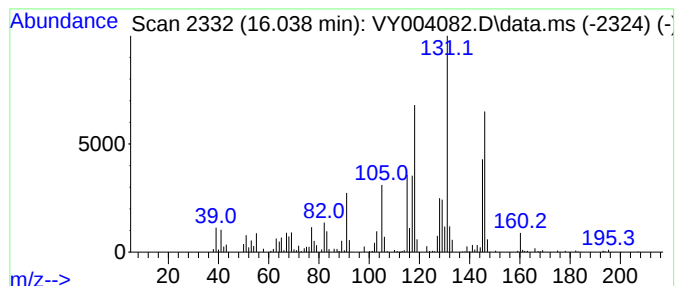
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.038	9.82 ug/l	282477	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76
4			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64
5			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
Data File : VY004082.D
Acq On : 11 Mar 2021 17:14
Operator : SY/MD
Sample : M1650-01
Misc : 7.49g/5mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

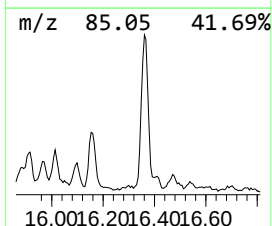
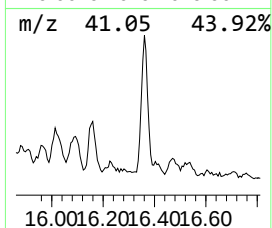
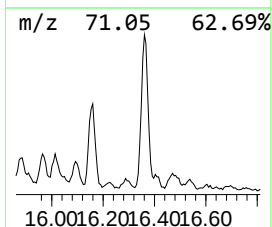
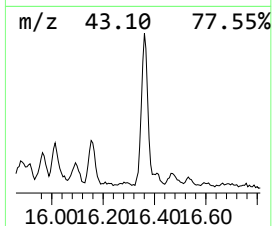
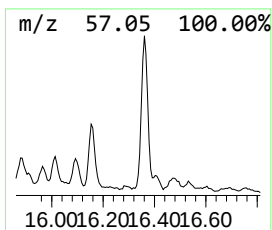
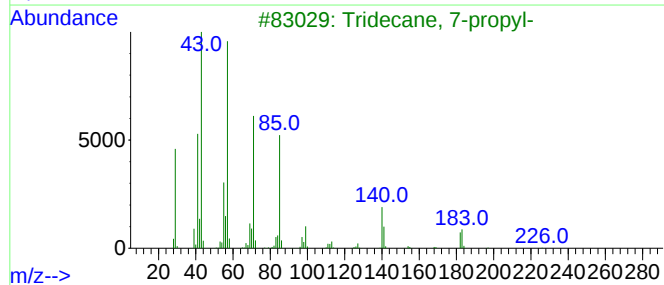
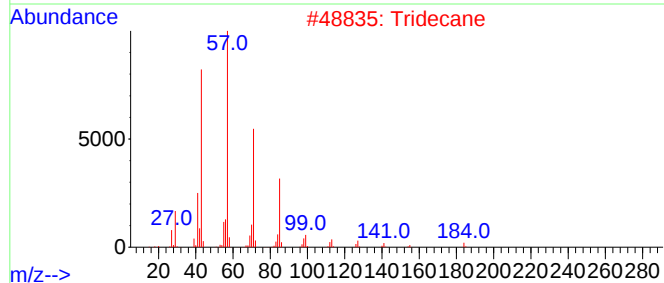
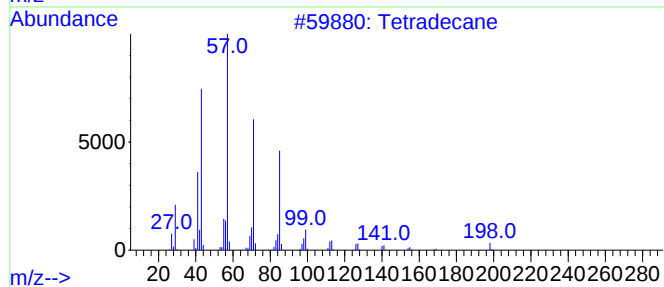
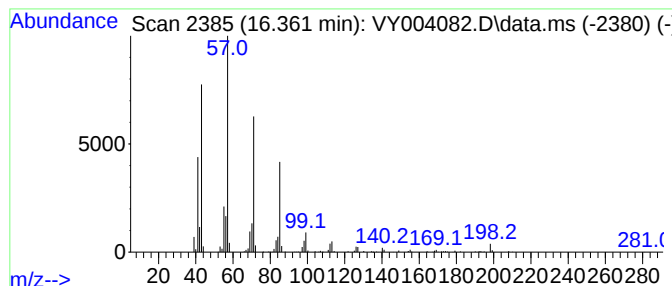
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.361	10.20 ug/l	293467	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tridecane	184	C13H28	000629-50-5	90
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
Data File : VY004082.D
Acq On : 11 Mar 2021 17:14
Operator : SY/MD
Sample : M1650-01
Misc : 7.49g/5mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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					#	RT	Resp	Conc
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unknown14.257	14.257	18.2	ug/l	524260	4	13.428	1438920	50.0
Dodecane	14.611	34.1	ug/l	981537	4	13.428	1438920	50.0
Benzene, 1-meth...	14.678	22.4	ug/l	645359	4	13.428	1438920	50.0
Undecane, 2,5-d...	14.733	14.7	ug/l	421575	4	13.428	1438920	50.0
unknown15.349	15.349	11.6	ug/l	334192	4	13.428	1438920	50.0
Tridecane	15.434	22.5	ug/l	647781	4	13.428	1438920	50.0
Naphthalene, 1,...	15.727	10.6	ug/l	304190	4	13.428	1438920	50.0
Naphthalene, 1,...	16.038	9.8	ug/l	282477	4	13.428	1438920	50.0
Tetradecane	16.361	10.2	ug/l	293467	4	13.428	1438920	50.0