

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
 Data File : VY005884.D
 Acq On : 27 Aug 2021 15:28
 Operator : SY/MD
 Sample : M3571-03
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BL-1A

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\82Y080221S.M
 Title : SW846 8260

Signal : TIC: VY005884.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.735	466	478	495	rBV	25415	81771	5.14%	0.286%
2	5.765	637	647	658	rVB2	6770	20745	1.31%	0.073%
3	6.996	839	849	858	rBV2	6310	21963	1.38%	0.077%
4	7.728	958	969	974	rBV	141122	336381	21.16%	1.176%
5	7.801	974	981	994	rVB	226351	516258	32.48%	1.805%
6	8.149	1026	1038	1049	rBV	146274	334776	21.06%	1.170%
7	8.697	1114	1128	1139	rBV	376381	737497	46.40%	2.578%
8	10.185	1364	1372	1380	rBV	641252	1074204	67.58%	3.755%
9	10.581	1430	1437	1444	rBV	11105	19939	1.25%	0.070%
10	10.947	1488	1497	1505	rBV3	12061	22994	1.45%	0.080%
11	11.489	1579	1586	1596	rBV	590081	973926	61.27%	3.404%
12	12.008	1663	1671	1675	rBV5	7013	16947	1.07%	0.059%
13	12.233	1705	1708	1714	rVB2	17125	28320	1.78%	0.099%
14	12.483	1743	1749	1756	rBV2	545384	869517	54.71%	3.039%
15	12.642	1771	1775	1782	rVB3	25272	48397	3.04%	0.169%
16	12.733	1782	1790	1794	rBV8	14221	39814	2.50%	0.139%
17	12.812	1796	1803	1809	rBV5	49246	106269	6.69%	0.371%
18	12.953	1822	1826	1827	rBV4	18983	22849	1.44%	0.080%
19	13.044	1837	1841	1847	rVB3	39697	62824	3.95%	0.220%
20	13.172	1858	1862	1867	rBV5	23144	43703	2.75%	0.153%
21	13.227	1867	1871	1873	rBV3	11219	16783	1.06%	0.059%
22	13.318	1878	1886	1889	rBV4	46665	96986	6.10%	0.339%
23	13.355	1889	1892	1897	rVV5	20267	33415	2.10%	0.117%
24	13.428	1897	1904	1913	rVV2	591931	1037804	65.29%	3.628%
25	13.568	1923	1927	1929	rBV4	20432	31255	1.97%	0.109%
26	13.623	1933	1936	1939	rVB	34518	41723	2.62%	0.146%
27	13.666	1939	1943	1950	rVB	98749	144805	9.11%	0.506%
28	13.751	1951	1957	1962	rBV4	132303	236091	14.85%	0.825%
29	13.824	1962	1969	1973	rBV	100350	183299	11.53%	0.641%
30	13.916	1980	1984	1989	rVB2	68543	88124	5.54%	0.308%
31	13.971	1989	1993	1997	rVB2	152655	214020	13.47%	0.748%
32	14.019	1997	2001	2005	rVB2	50635	78197	4.92%	0.273%
33	14.080	2005	2011	2016	rBV2	224280	348026	21.90%	1.217%
34	14.135	2016	2020	2028	rBV5	74508	194958	12.27%	0.681%
35	14.215	2028	2033	2036	rBV2	111594	206991	13.02%	0.724%
36	14.257	2036	2040	2043	rVV4	82449	142574	8.97%	0.498%

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37	14.300	2044	2047	2049	rVV	101738	143703	9.04%	0.502%
38	14.336	2049	2053	2057	rVB	221002	319343	20.09%	1.116%
39	14.385	2057	2061	2064	rBV	185033	252709	15.90%	0.883%
40	14.422	2064	2067	2071	rVB	165646	202957	12.77%	0.709%
41	14.519	2078	2083	2086	rBV4	68617	119331	7.51%	0.417%
42	14.562	2087	2090	2094	rVB3	87247	122819	7.73%	0.429%
43	14.611	2094	2098	2103	rVB	362344	486443	30.60%	1.700%
44	14.678	2103	2109	2115	rBV3	647695	1552063	97.65%	5.425%
45	14.733	2115	2118	2124	rVB3	300221	515109	32.41%	1.801%
46	14.836	2132	2135	2139	rVB	181029	243315	15.31%	0.851%
47	14.910	2144	2147	2148	rBV	73692	83760	5.27%	0.293%
48	14.946	2148	2153	2156	rBV3	369243	573264	36.07%	2.004%
49	15.056	2165	2171	2176	rBV2	436057	938917	59.07%	3.282%
50	15.135	2181	2184	2190	rVB5	175699	291225	18.32%	1.018%
51	15.214	2191	2197	2205	rBV4	480918	983804	61.90%	3.439%
52	15.294	2205	2210	2214	rBV	372107	606135	38.13%	2.119%
53	15.342	2214	2218	2221	rBV4	195019	351655	22.12%	1.229%
54	15.434	2230	2233	2242	rVB3	616264	1021147	64.25%	3.570%
55	15.531	2242	2249	2255	rBV4	399085	1071436	67.41%	3.745%
56	15.611	2256	2262	2266	rVB3	227241	416194	26.18%	1.455%
57	15.690	2266	2275	2278	rBV5	342624	937436	58.98%	3.277%
58	15.726	2278	2281	2288	rVB	615466	1039561	65.40%	3.634%
59	15.818	2293	2296	2301	rVB3	179770	290776	18.29%	1.016%
60	15.885	2301	2307	2318	rBV6	373405	1069142	67.26%	3.737%
61	16.037	2324	2332	2337	rBV3	696138	1589454	100.00%	5.556%
62	16.159	2347	2352	2356	rBV	334258	505184	31.78%	1.766%
63	16.232	2358	2364	2370	rVB2	655874	1306616	82.21%	4.567%
64	16.293	2370	2374	2379	rBV2	272320	452906	28.49%	1.583%
65	16.360	2380	2385	2398	rVB	541418	1233317	77.59%	4.311%
66	16.489	2399	2406	2412	rBV6	489552	1413633	88.94%	4.941%

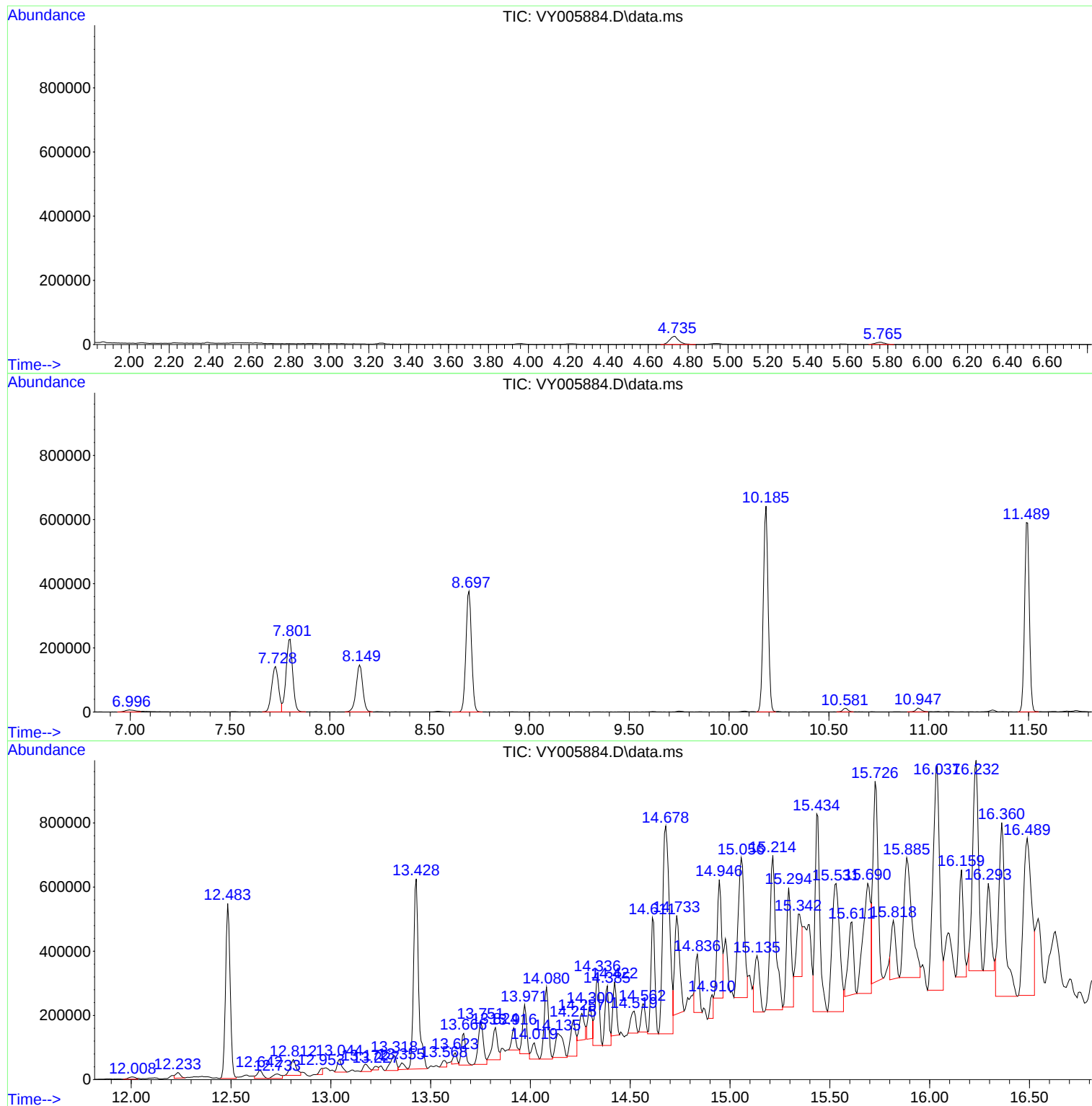
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ClientSampleId :
BL-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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



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MSVOA_Y
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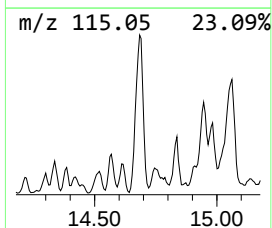
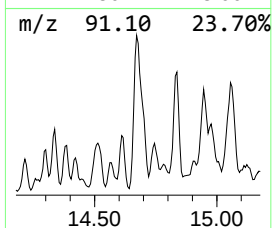
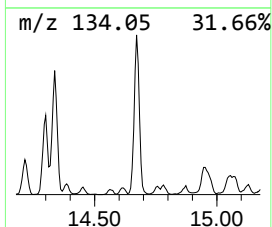
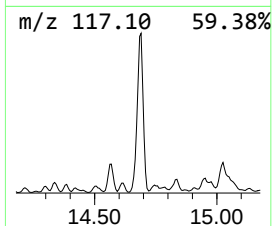
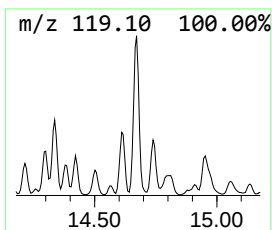
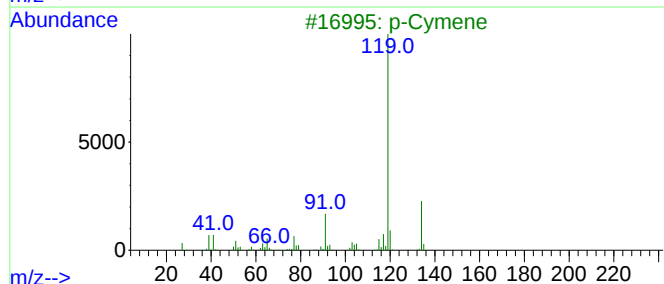
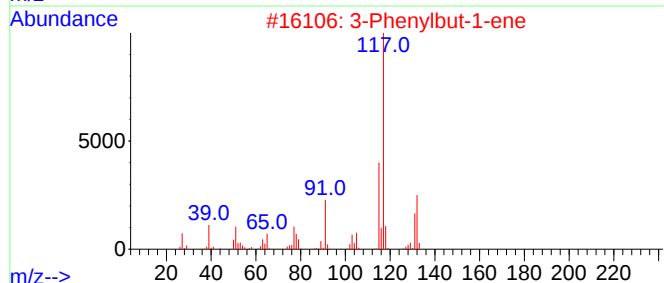
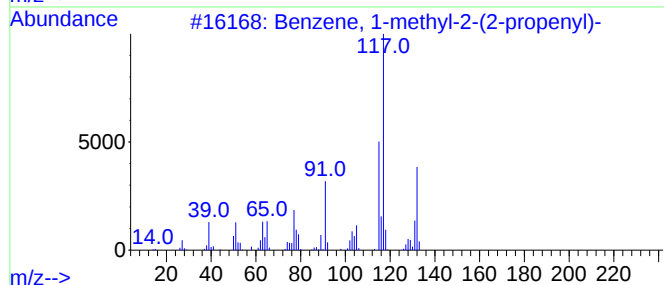
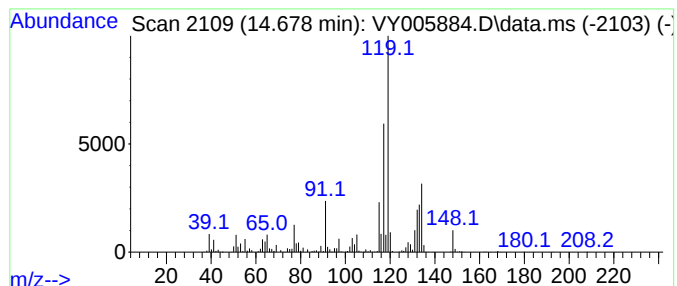
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	74.78 ug/l	1552060	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
3			p-Cymene	134	C10H14	000099-87-6	50
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50



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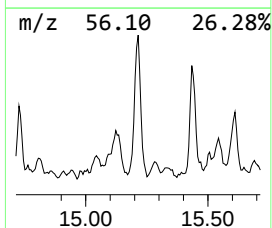
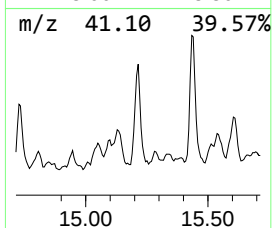
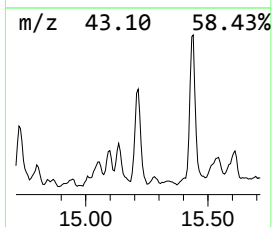
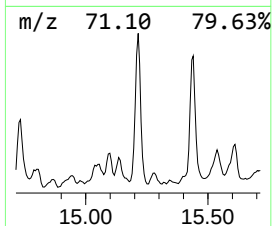
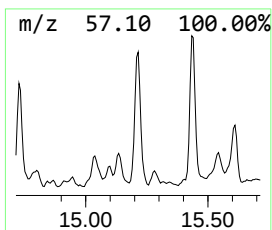
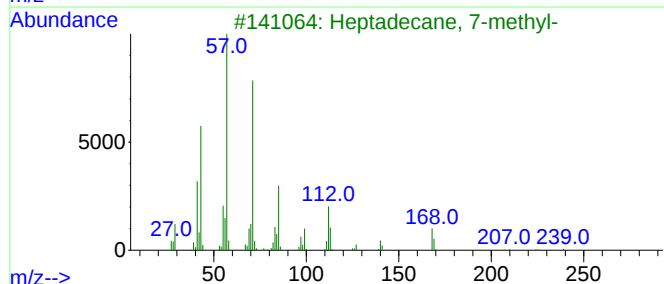
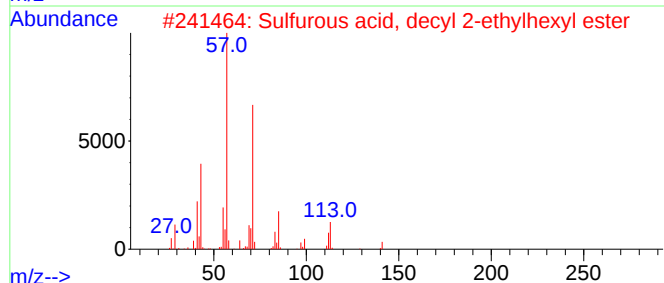
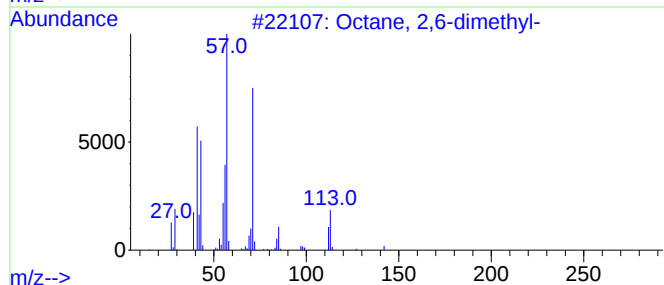
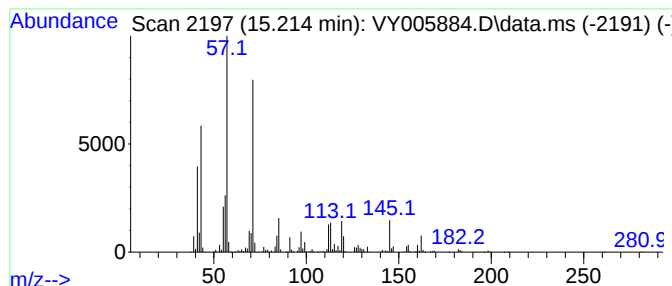
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	47.40 ug/l	983804	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			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58
5			6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	53



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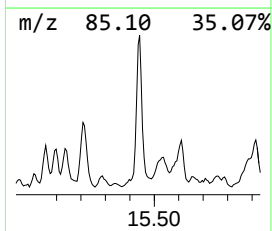
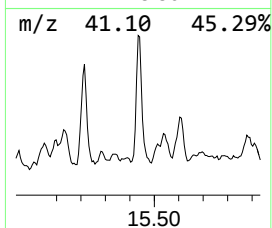
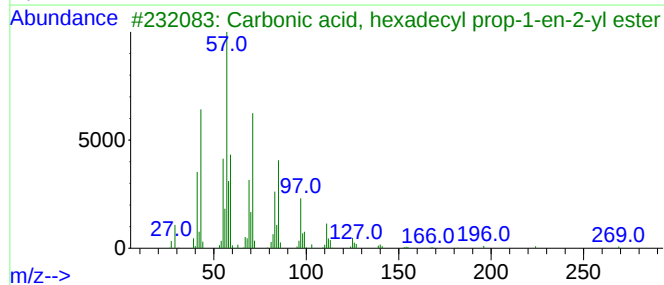
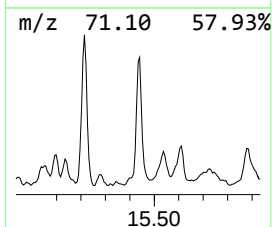
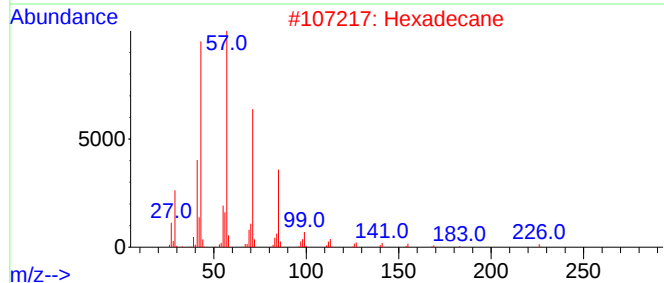
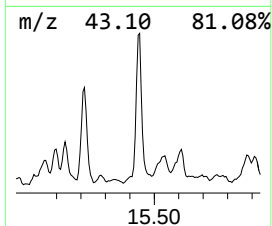
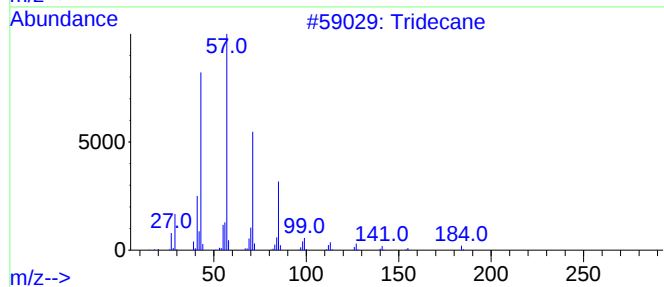
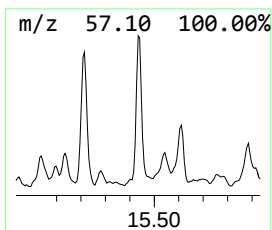
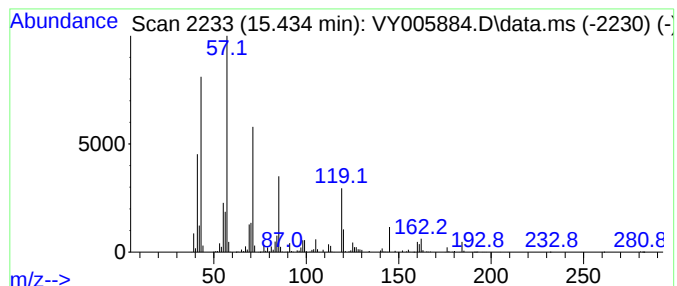
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 3 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	49.20 ug/l	1021150	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	60
2			Hexadecane	226	C16H34	000544-76-3	49
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	46
4			Tetradecane	198	C14H30	000629-59-4	46
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46



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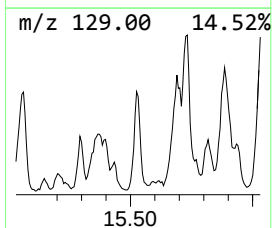
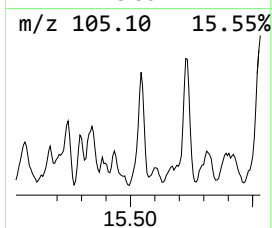
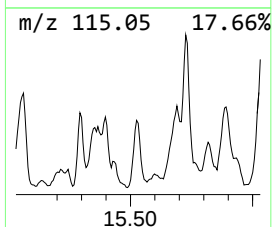
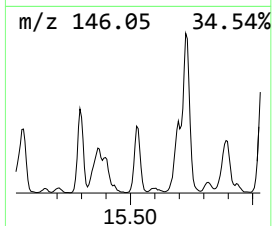
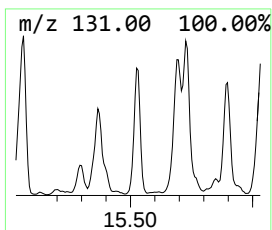
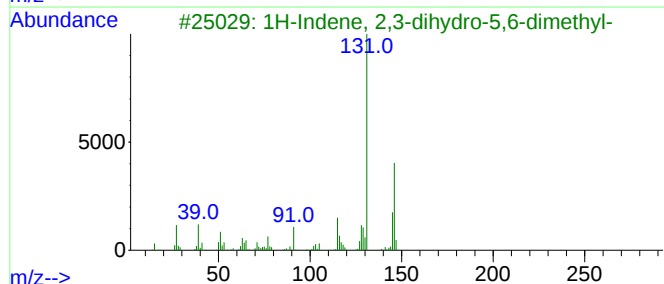
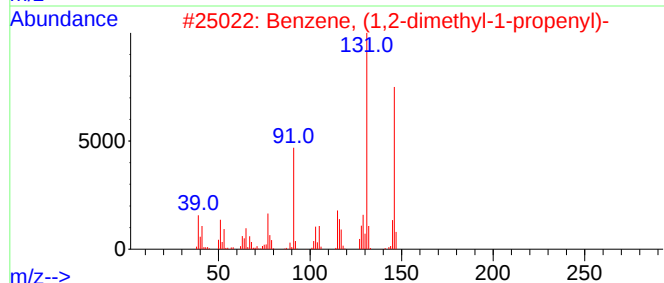
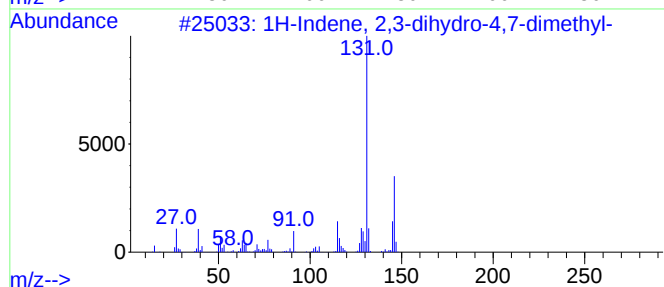
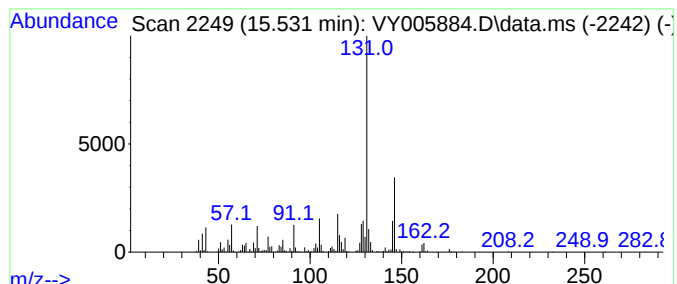
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 4 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.531	51.62 ug/l	1071440	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	93
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
4			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	90
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
Data File : VY005884.D
Acq On : 27 Aug 2021 15:28
Operator : SY/MD
Sample : M3571-03
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BL-1A

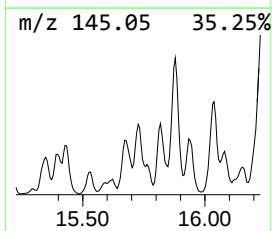
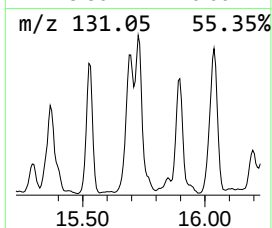
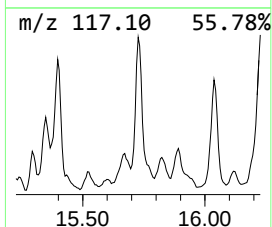
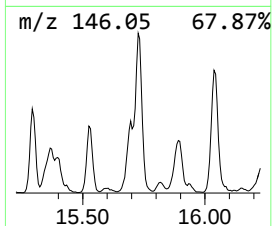
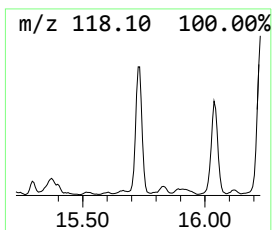
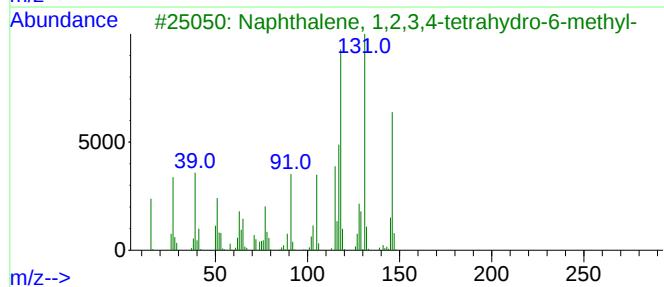
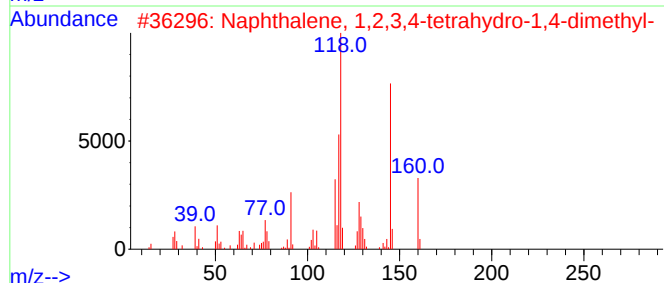
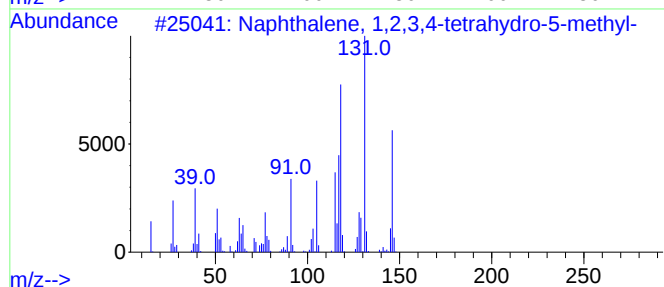
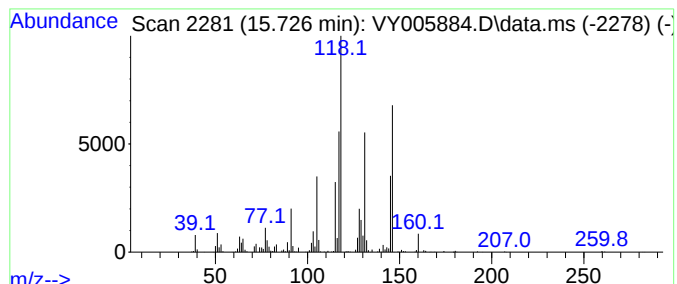
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	50.08 ug/l	1039560	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	72
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	43
4			5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	43
5			3-Phenylpropyl cinnamate, (E)-	266	C18H18O2	290311-72-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
Data File : VY005884.D
Acq On : 27 Aug 2021 15:28
Operator : SY/MD
Sample : M3571-03
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BL-1A

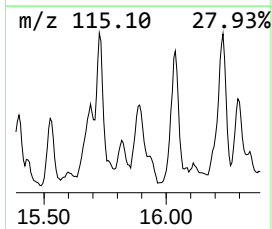
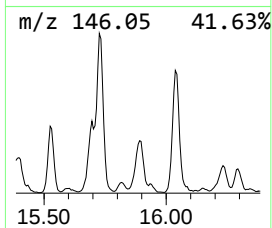
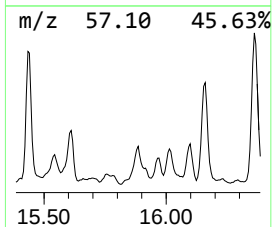
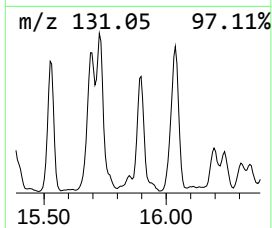
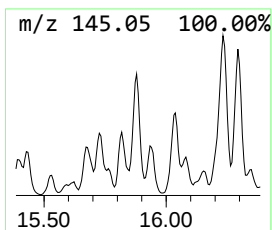
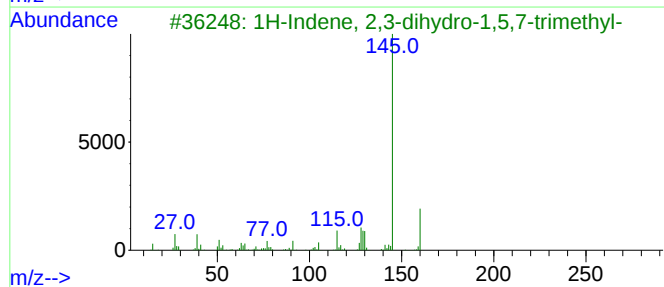
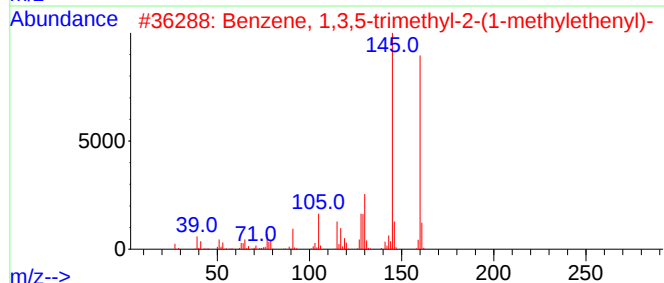
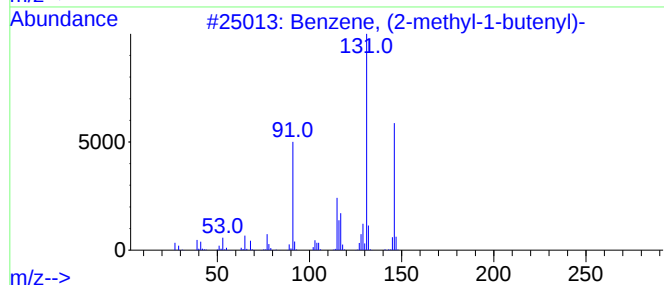
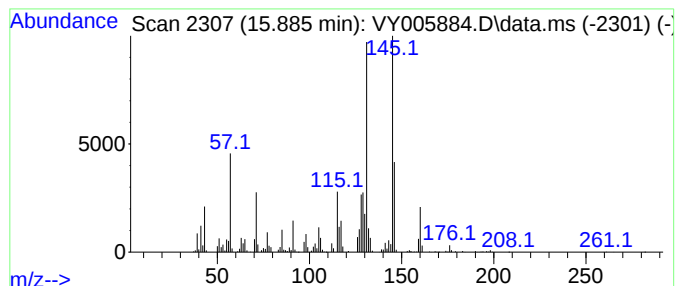
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.885	51.51 ug/l	1069140	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	55
2			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
3			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	55
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
Data File : VY005884.D
Acq On : 27 Aug 2021 15:28
Operator : SY/MD
Sample : M3571-03
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
BL-1A

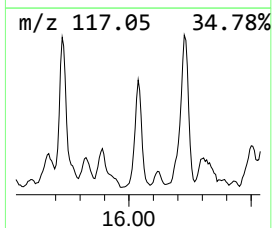
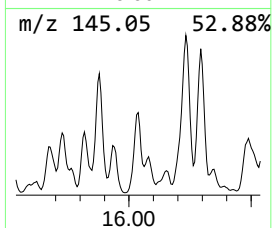
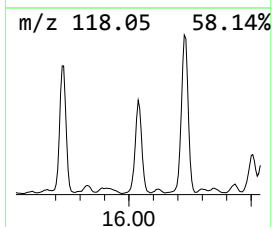
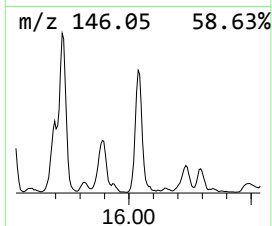
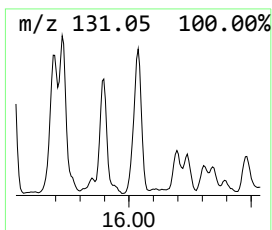
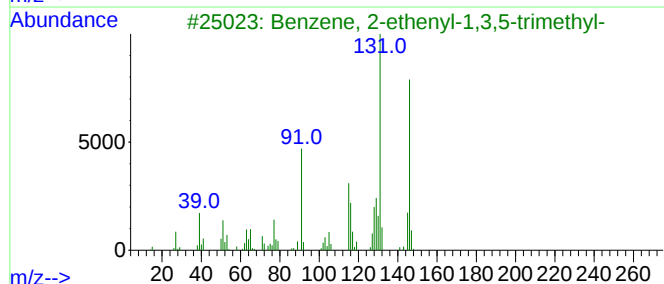
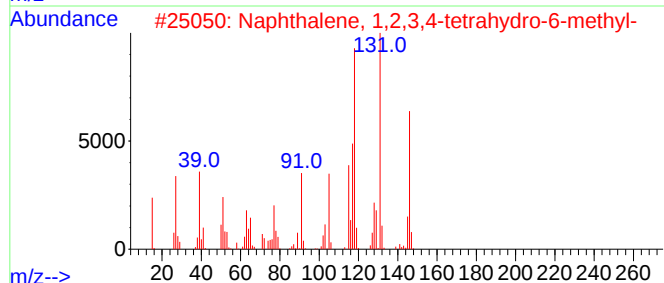
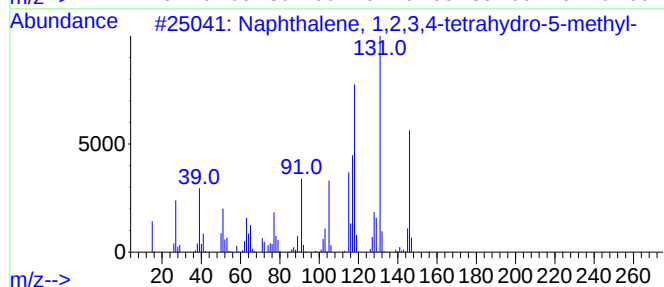
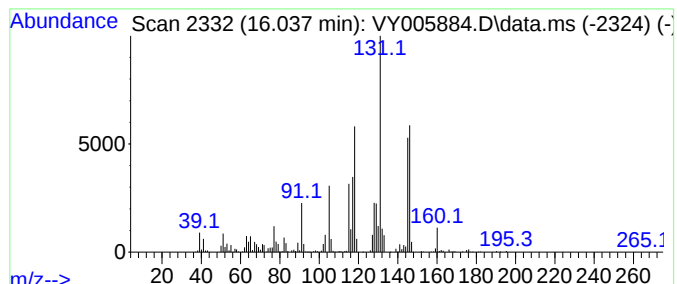
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.037	76.58 ug/l	1589450	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	86
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
4			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	60
5			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
Data File : VY005884.D
Acq On : 27 Aug 2021 15:28
Operator : SY/MD
Sample : M3571-03
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BL-1A

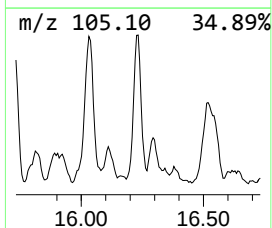
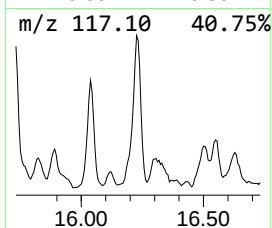
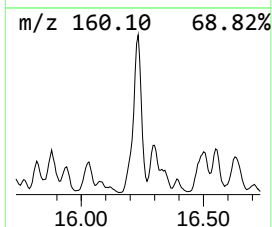
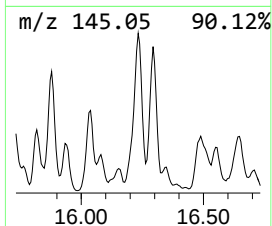
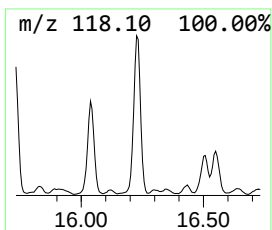
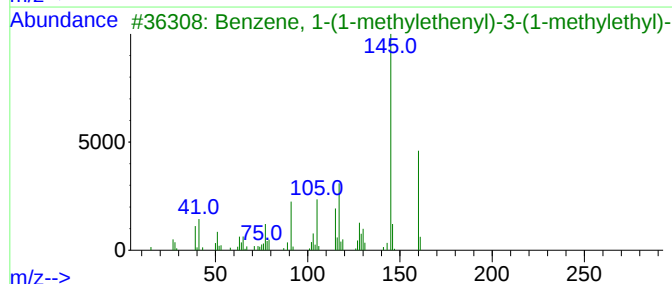
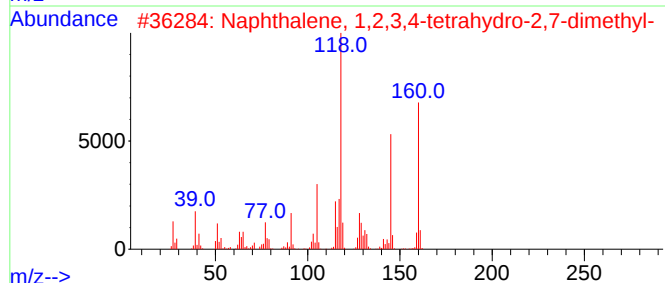
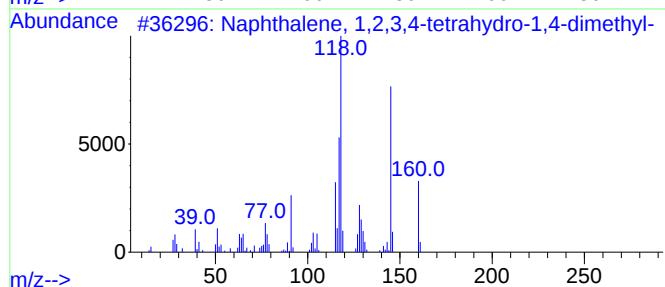
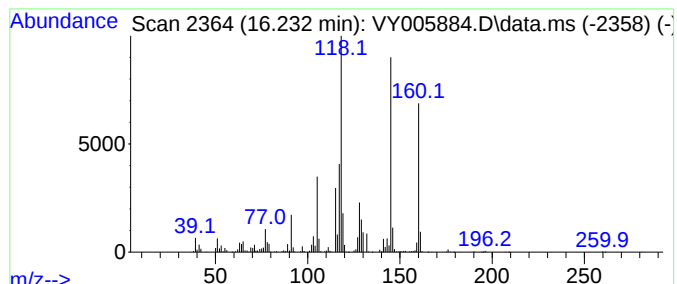
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	62.95 ug/l	1306620	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	89
3			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
Data File : VY005884.D
Acq On : 27 Aug 2021 15:28
Operator : SY/MD
Sample : M3571-03
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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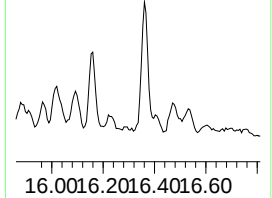
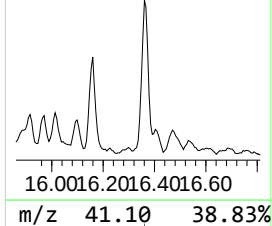
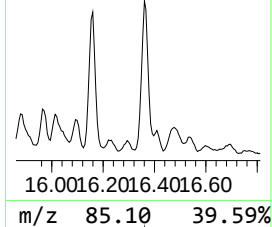
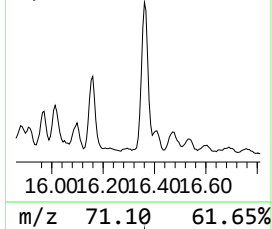
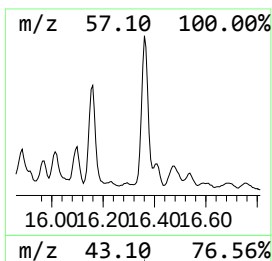
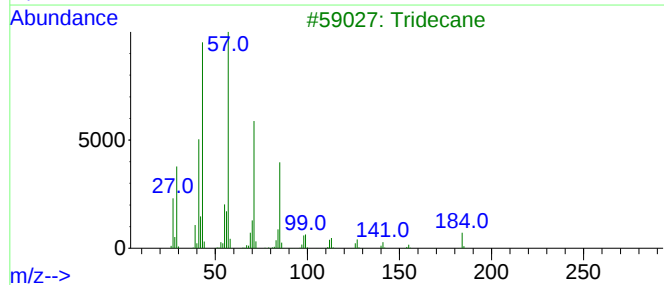
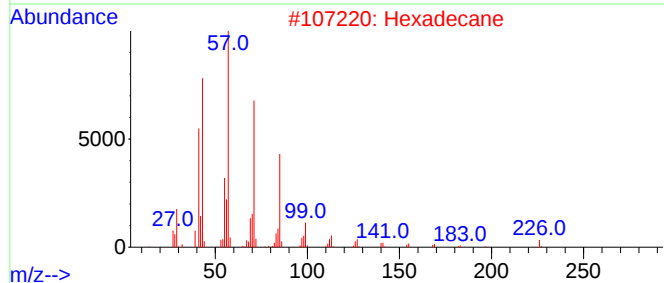
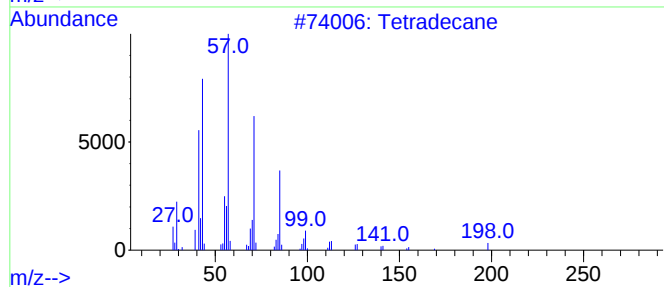
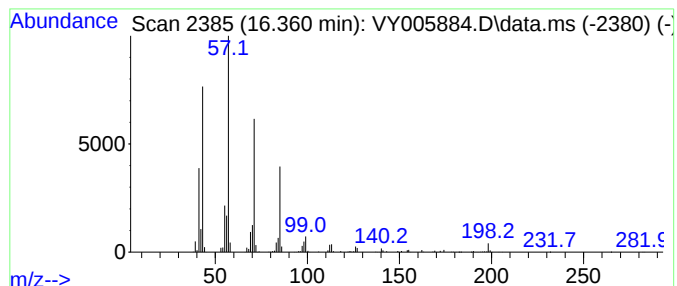
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Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	59.42 ug/l	1233320	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5			Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
Data File : VY005884.D
Acq On : 27 Aug 2021 15:28
Operator : SY/MD
Sample : M3571-03
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BL-1A

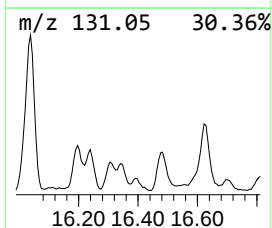
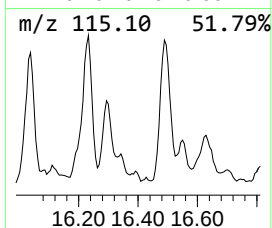
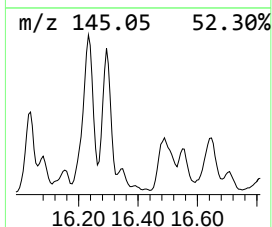
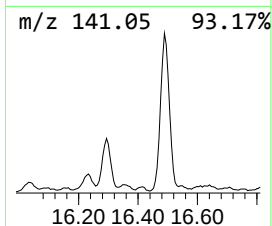
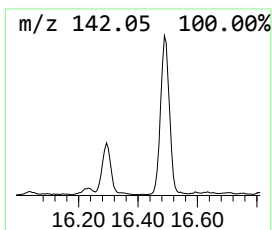
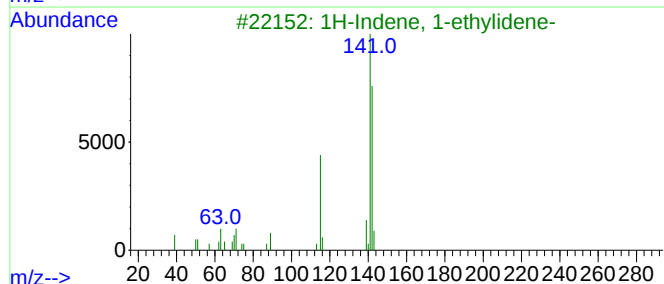
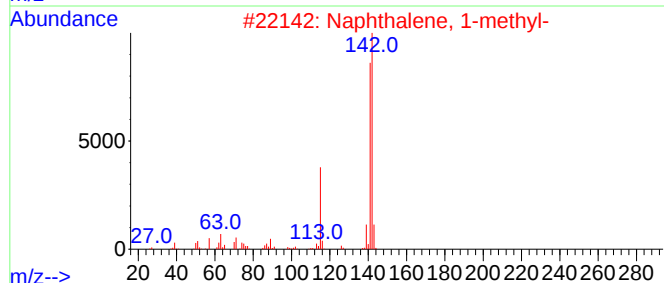
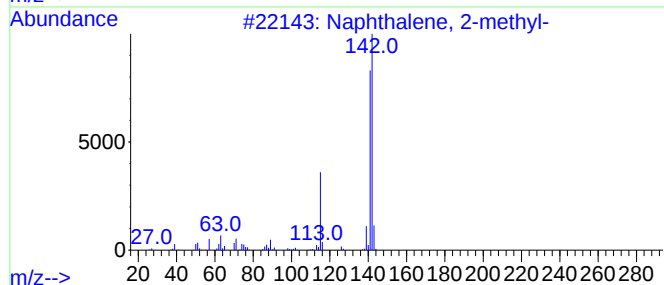
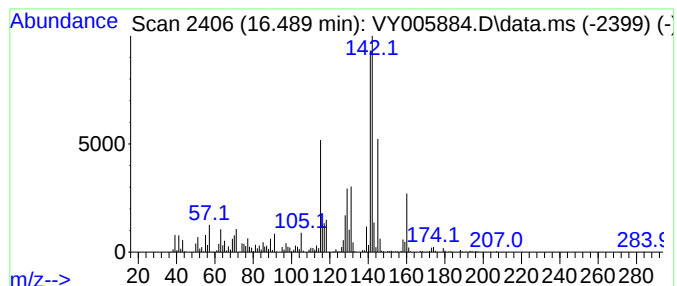
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	68.11 ug/l	1413630	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	92
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	92
3			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	78
4			Benzocycloheptatriene	142	C11H10	000264-09-5	64
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
Data File : VY005884.D
Acq On : 27 Aug 2021 15:28
Operator : SY/MD
Sample : M3571-03
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BL-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Octane, 2,6-dim...	15.214	47.4	ug/l	983804	4	13.428	1037800	50.0
Tridecane	15.434	49.2	ug/l	1021150	4	13.428	1037800	50.0
1H-Indene, 2,3-...	15.531	51.6	ug/l	1071440	4	13.428	1037800	50.0
Naphthalene, 1,...	15.727	50.1	ug/l	1039560	4	13.428	1037800	50.0
Benzene, (2-met...	15.885	51.5	ug/l	1069140	4	13.428	1037800	50.0
Naphthalene, 1,...	16.037	76.6	ug/l	1589450	4	13.428	1037800	50.0
Naphthalene, 1,...	16.233	63.0	ug/l	1306620	4	13.428	1037800	50.0
Tetradecane	16.360	59.4	ug/l	1233320	4	13.428	1037800	50.0
Naphthalene, 1-...	16.488	68.1	ug/l	1413630	4	13.428	1037800	50.0