

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
 Data File : VY004684.D
 Acq On : 30 Apr 2021 13:55
 Operator : SY/MD
 Sample : M2225-01
 Misc : 7.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-042921

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\82Y041221S.M
 Title : SW846 8260

Signal : TIC: VY004684.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	467	478	497	rBV2	16074	58441	2.16%	0.169%
2	7.728	957	969	975	rBV2	114983	278209	10.29%	0.804%
3	7.801	975	981	995	rVB	195090	437478	16.19%	1.264%
4	8.155	1028	1039	1050	rBV	130850	290165	10.74%	0.838%
5	8.697	1119	1128	1140	rBV	319075	618684	22.89%	1.787%
6	10.185	1364	1372	1380	rBV	523555	864776	32.00%	2.498%
7	11.496	1580	1587	1598	rBV	439295	718104	26.57%	2.075%
8	11.709	1613	1622	1632	rBV6	11348	37582	1.39%	0.109%
9	12.032	1662	1675	1683	rBV4	15022	46916	1.74%	0.136%
10	12.489	1744	1750	1760	rVB3	781966	1400542	51.82%	4.046%
11	12.648	1772	1776	1784	rVB2	18061	45644	1.69%	0.132%
12	12.739	1784	1791	1794	rBV	60073	107820	3.99%	0.311%
13	12.806	1798	1802	1808	rVV2	218704	369468	13.67%	1.067%
14	12.861	1808	1811	1816	rVB2	23317	36015	1.33%	0.104%
15	12.977	1823	1830	1833	rBV	55507	107077	3.96%	0.309%
16	13.044	1837	1841	1846	rVB2	65949	93472	3.46%	0.270%
17	13.123	1847	1854	1859	rBV	144047	224688	8.31%	0.649%
18	13.172	1859	1862	1867	rBV2	18524	27056	1.00%	0.078%
19	13.227	1867	1871	1873	rBV3	19357	29910	1.11%	0.086%
20	13.251	1873	1875	1879	rVB2	30036	35938	1.33%	0.104%
21	13.318	1879	1886	1890	rBV5	105427	204797	7.58%	0.592%
22	13.367	1890	1894	1897	rBV3	76830	104379	3.86%	0.302%
23	13.428	1897	1904	1908	rBV2	414857	701341	25.95%	2.026%
24	13.507	1913	1917	1921	rVB2	80318	98337	3.64%	0.284%
25	13.629	1929	1937	1940	rBV2	201770	337555	12.49%	0.975%
26	13.672	1940	1944	1948	rBV2	130981	196251	7.26%	0.567%
27	13.757	1952	1958	1962	rBV	844495	1212050	44.85%	3.502%
28	13.800	1962	1965	1967	rBV2	36048	46240	1.71%	0.134%
29	13.830	1967	1970	1976	rVB	62387	80397	2.97%	0.232%
30	13.891	1976	1980	1981	rBV	73176	90121	3.33%	0.260%
31	13.922	1981	1985	1989	rVB2	169706	252932	9.36%	0.731%
32	13.977	1989	1994	1998	rVB	254927	365183	13.51%	1.055%
33	14.019	1998	2001	2006	rVB2	106395	173513	6.42%	0.501%
34	14.087	2006	2012	2016	rBV2	272465	436850	16.16%	1.262%
35	14.147	2016	2022	2028	rBV6	100643	244519	9.05%	0.706%
36	14.257	2028	2040	2046	rBV6	363400	1266527	46.86%	3.659%

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Integrator: RTE

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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\82Y041221S.M
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37	14.318	2047	2050	2052	rBV	83243	107372	3.97%	0.310%
38	14.385	2057	2061	2064	rBV	288539	377478	13.97%	1.091%
39	14.428	2064	2068	2072	rVB	232137	313196	11.59%	0.905%
40	14.483	2073	2077	2080	rBV3	103149	153729	5.69%	0.444%
41	14.525	2081	2084	2087	rVB	132304	142643	5.28%	0.412%
42	14.568	2087	2091	2094	rBV	222266	366049	13.54%	1.057%
43	14.617	2094	2099	2104	rVB	1597258	2156071	79.78%	6.229%
44	14.690	2104	2111	2115	rBV4	750407	1627797	60.23%	4.703%
45	14.733	2115	2118	2125	rVB2	643893	1067634	39.50%	3.084%
46	14.842	2132	2136	2144	rVB	433209	729531	26.99%	2.108%
47	14.916	2145	2148	2149	rVV3	57476	73678	2.73%	0.213%
48	14.946	2149	2153	2157	rVV3	308517	512735	18.97%	1.481%
49	14.983	2157	2159	2163	rVV	141718	201876	7.47%	0.583%
50	15.062	2165	2172	2176	rVV5	384002	1020863	37.77%	2.949%
51	15.105	2176	2179	2181	rVV2	206746	331402	12.26%	0.957%
52	15.141	2182	2185	2192	rVB3	391169	682363	25.25%	1.971%
53	15.214	2192	2197	2206	rBV2	616713	1306933	48.36%	3.776%
54	15.294	2207	2210	2215	rVV	328225	535724	19.82%	1.548%
55	15.355	2215	2220	2225	rVV3	373139	888785	32.89%	2.568%
56	15.440	2229	2234	2242	rVB	1731222	2702551	100.00%	7.808%
57	15.537	2242	2250	2256	rBV5	348530	1044373	38.64%	3.017%
58	15.611	2257	2262	2268	rVB3	282412	523769	19.38%	1.513%
59	15.733	2278	2282	2290	rVB2	594140	1067401	39.50%	3.084%
60	15.891	2303	2308	2317	rBV4	225415	551023	20.39%	1.592%
61	16.037	2325	2332	2337	rBV4	404624	966681	35.77%	2.793%
62	16.098	2338	2342	2348	rVB5	218299	457142	16.92%	1.321%
63	16.159	2348	2352	2358	rBV	262700	450285	16.66%	1.301%
64	16.232	2359	2364	2370	rVB	340414	640000	23.68%	1.849%
65	16.300	2371	2375	2380	rVB4	120397	204060	7.55%	0.590%
66	16.367	2380	2386	2399	rVB	800631	1455843	53.87%	4.206%
67	16.482	2401	2405	2411	rBV7	116356	316683	11.72%	0.915%

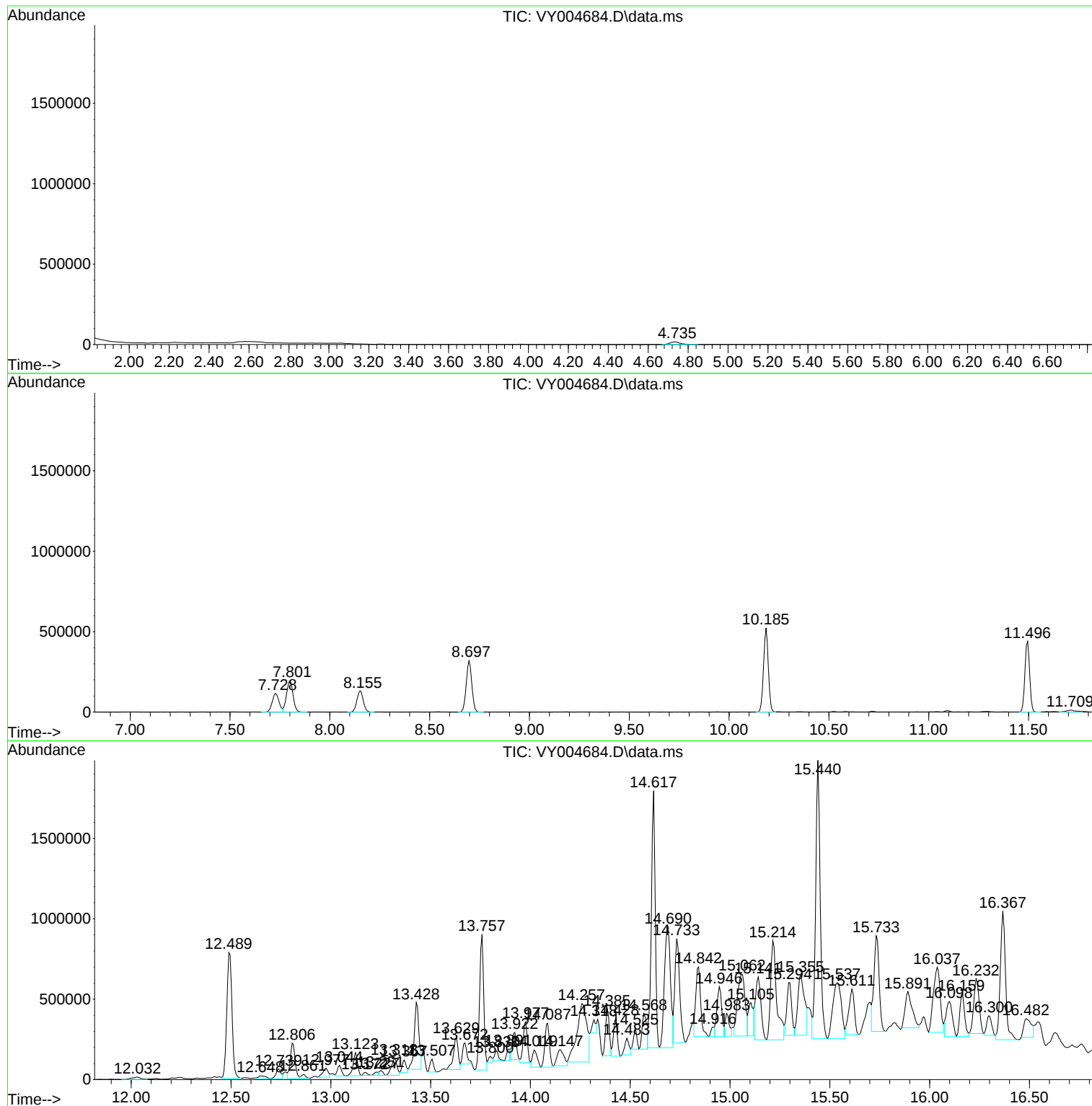
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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



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MSVOA_Y
ClientSampleId :
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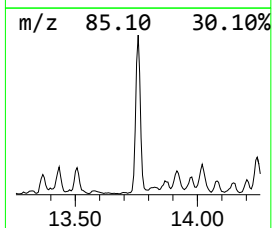
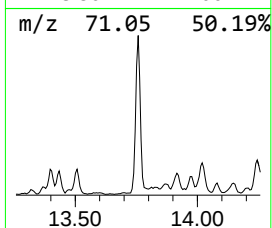
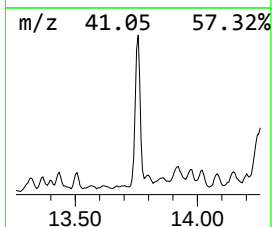
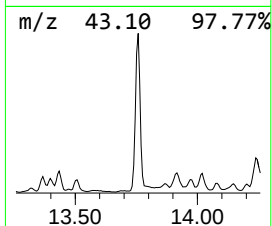
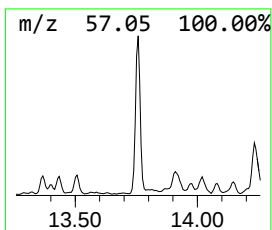
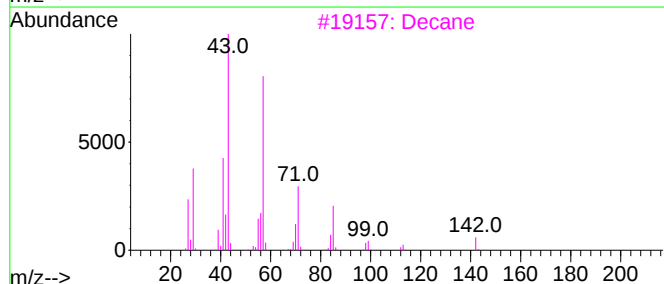
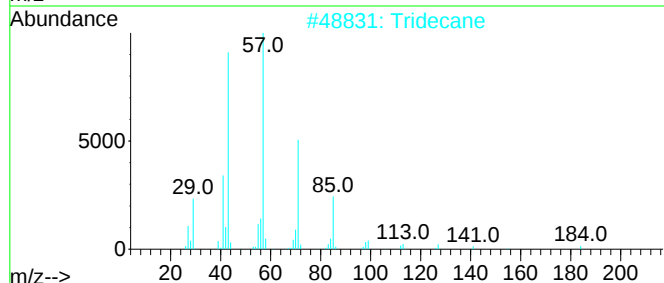
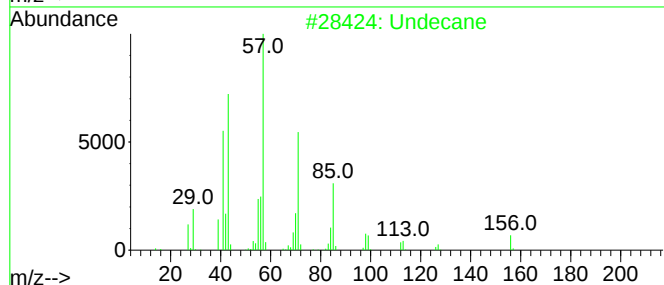
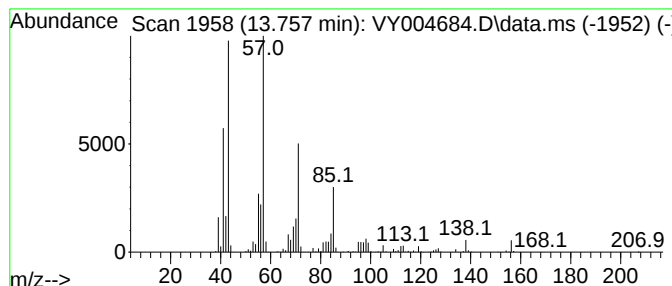
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	86.41 ug/l	1212050	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	81
2	Tridecane			184	C13H28	000629-50-5	59
3	Decane			142	C10H22	000124-18-5	58
4	Octane, 5-ethyl-2-methyl-			156	C11H24	062016-18-6	53
5	Undecane, 2,4-dimethyl-			184	C13H28	017312-80-0	53



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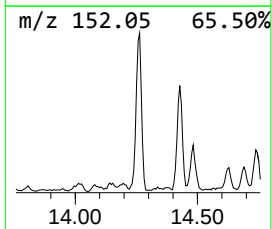
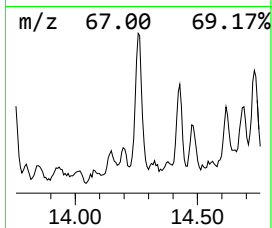
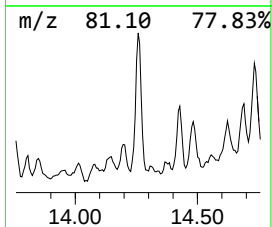
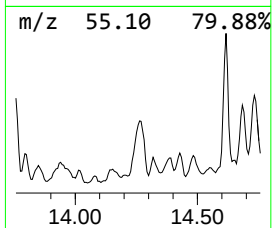
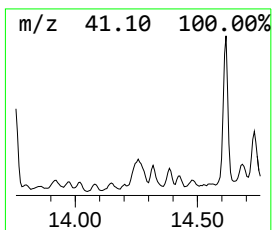
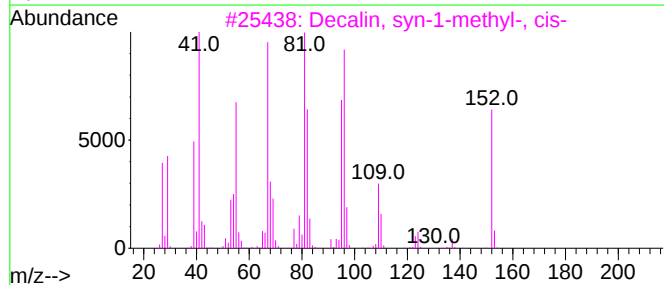
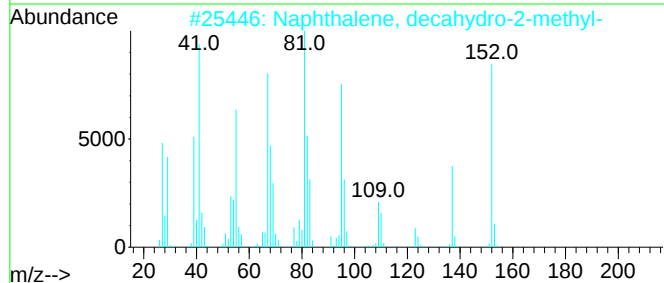
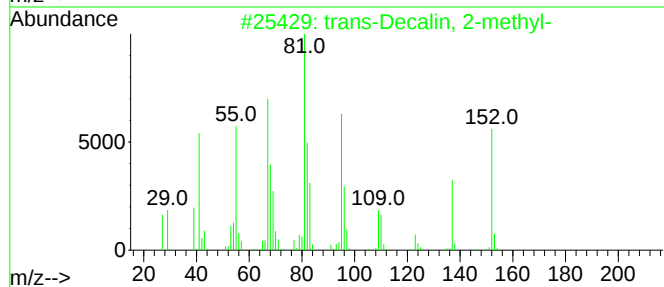
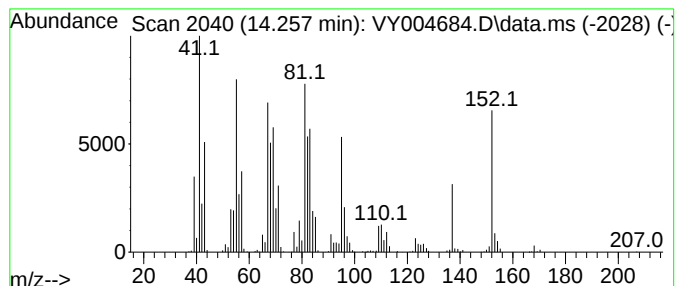
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 2 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	90.29 ug/l	1266530	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	86
4			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	70
5			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	64



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Instrument :
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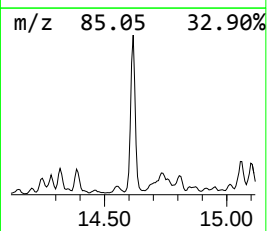
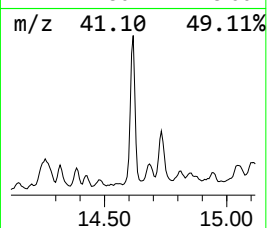
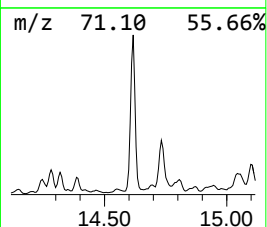
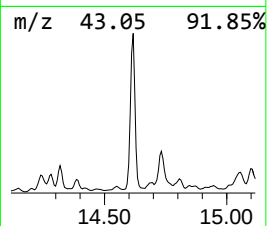
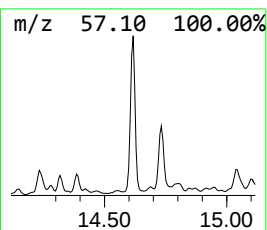
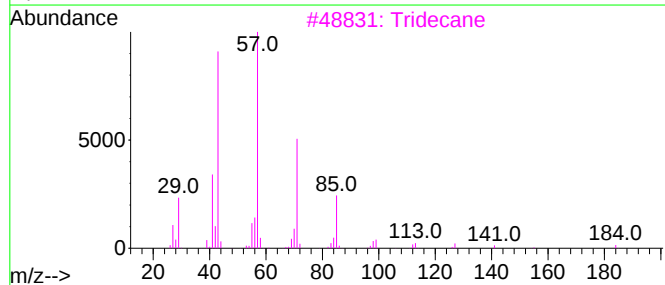
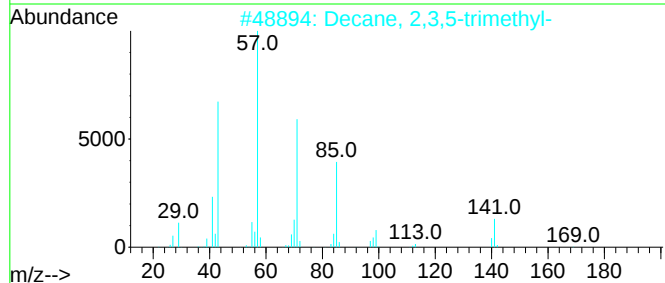
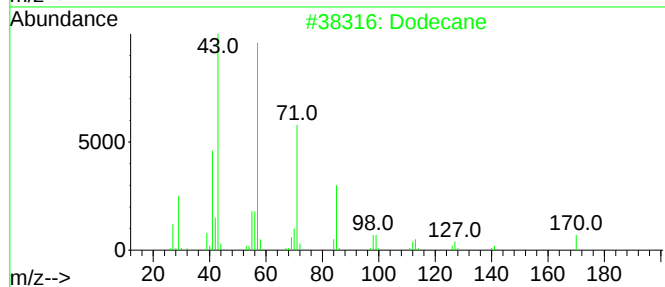
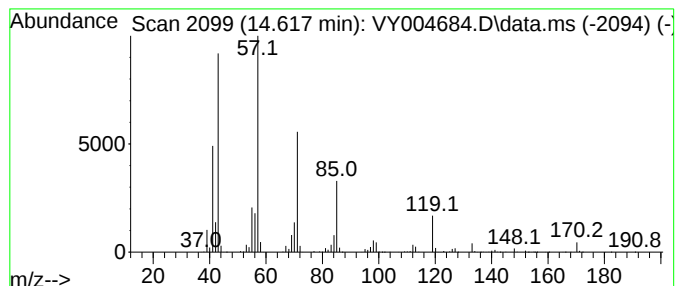
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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.
14.617	153.71 ug/l	2156070	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	72
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3			Tridecane	184	C13H28	000629-50-5	72
4			Tetradecane	198	C14H30	000629-59-4	64
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64



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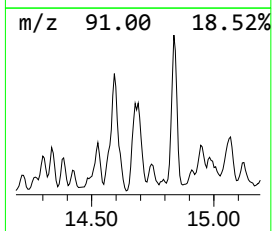
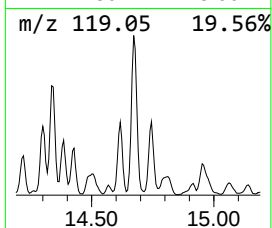
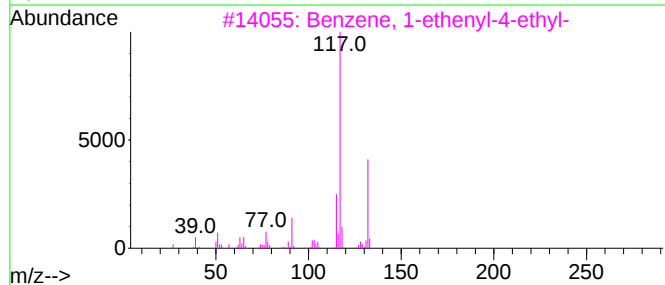
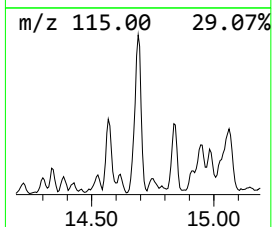
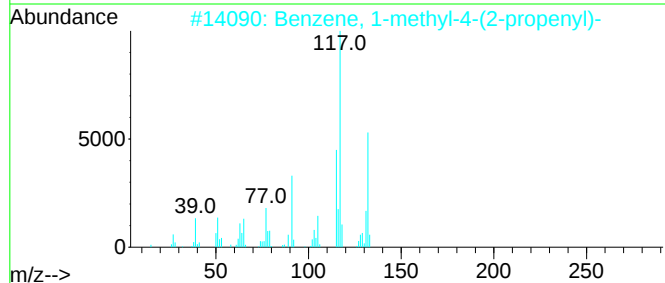
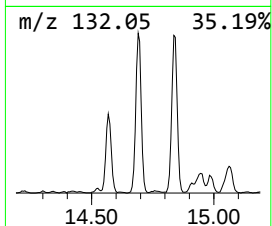
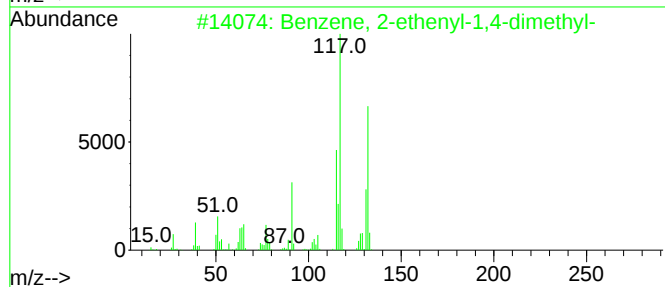
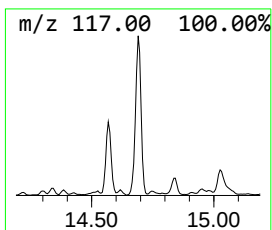
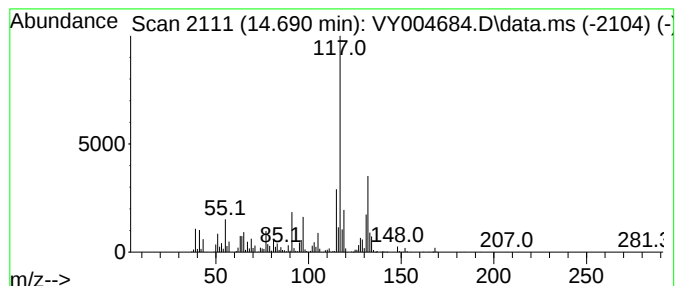
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	116.05 ug/l	1627800	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004684.D
Acq On : 30 Apr 2021 13:55
Operator : SY/MD
Sample : M2225-01
Misc : 7.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

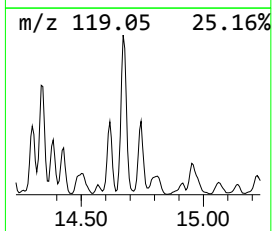
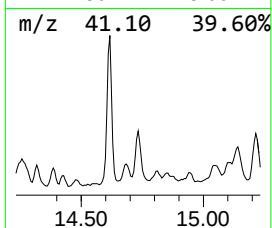
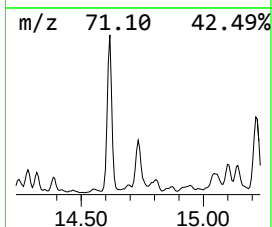
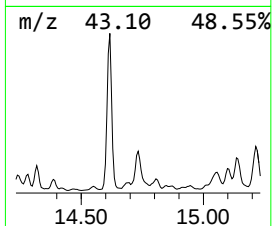
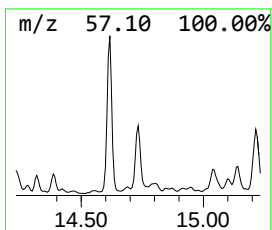
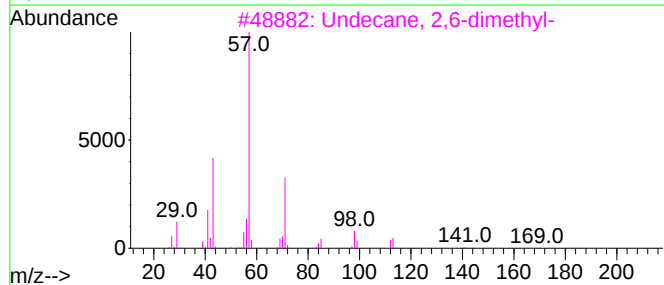
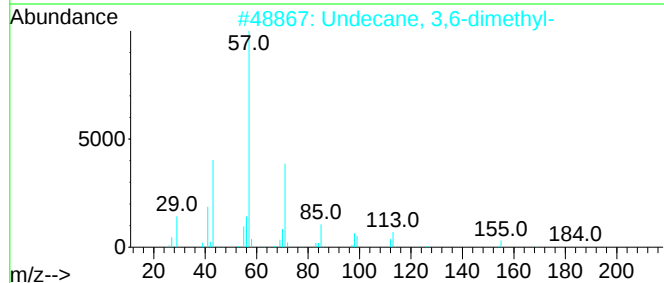
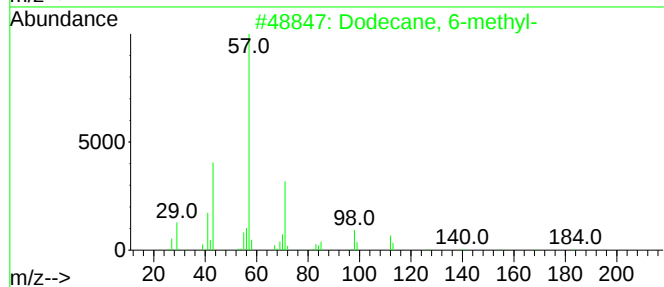
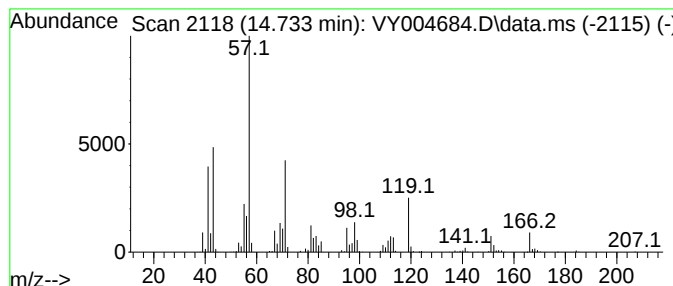
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	76.11 ug/l	1067630	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 6-methyl-	184	C13H28	006044-71-9	60
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	60
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	46
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004684.D
Acq On : 30 Apr 2021 13:55
Operator : SY/MD
Sample : M2225-01
Misc : 7.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

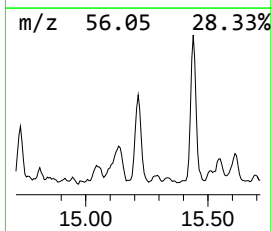
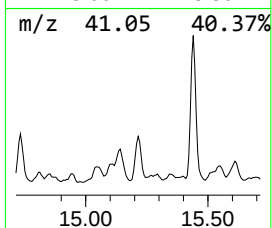
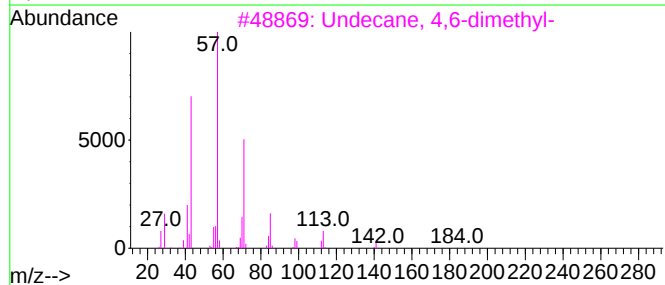
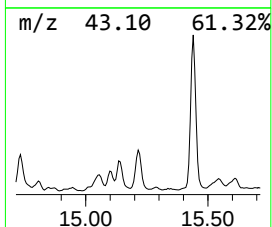
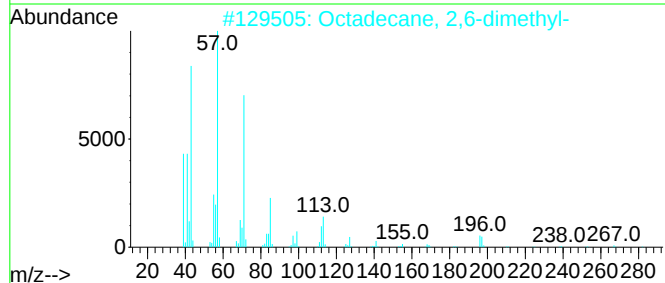
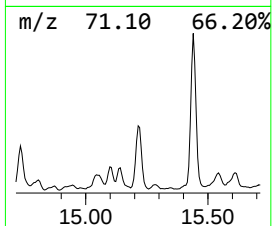
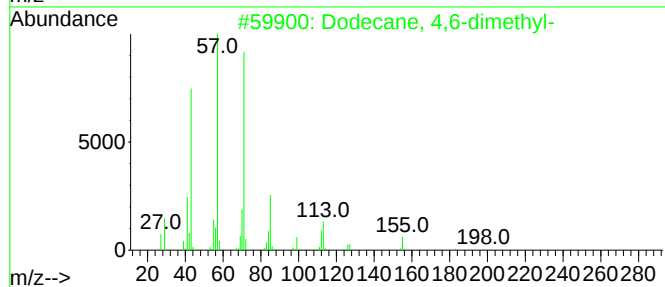
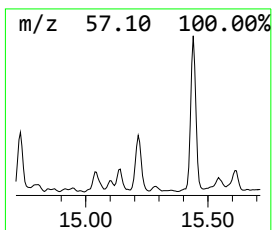
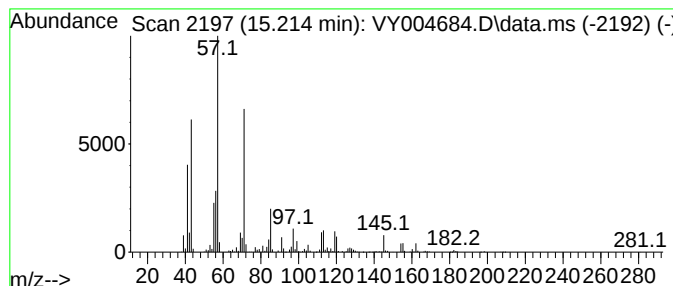
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane, 4,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	93.17 ug/l	1306930	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	64
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	62
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	58
5			Decane, 2-methyl-	156	C11H24	006975-98-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004684.D
Acq On : 30 Apr 2021 13:55
Operator : SY/MD
Sample : M2225-01
Misc : 7.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

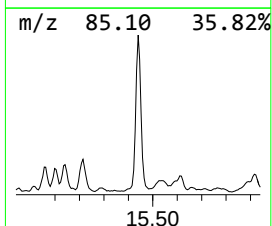
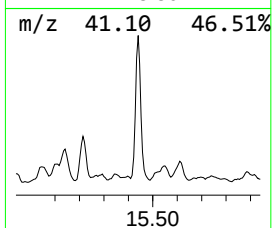
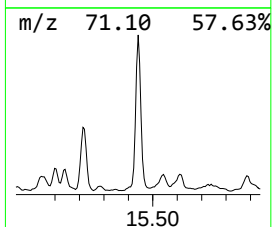
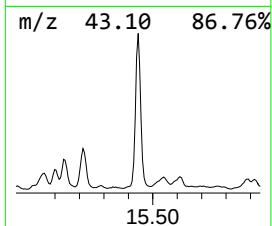
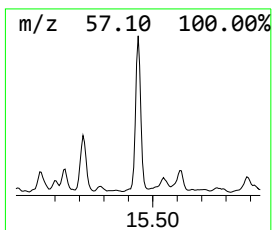
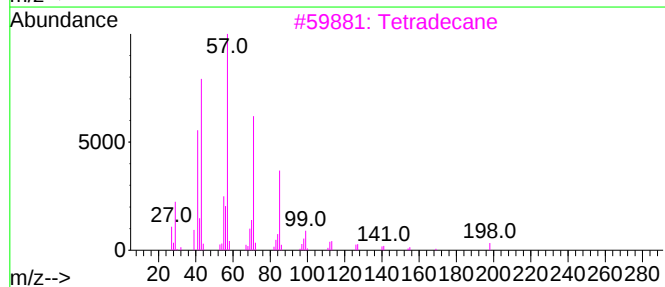
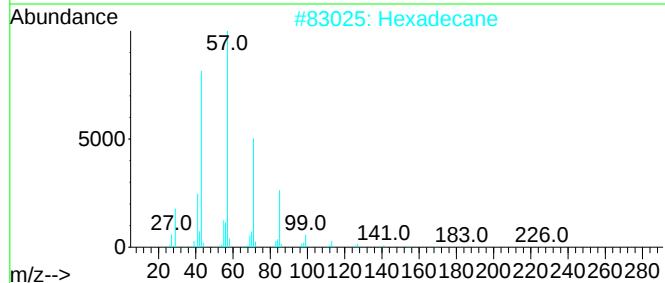
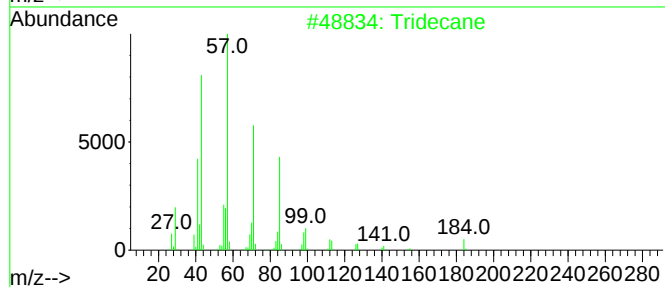
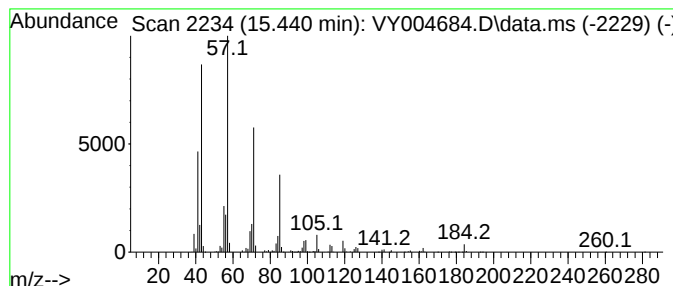
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Quant Title : SW846 8260

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

Peak Number 7 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.440	192.67 ug/l	2702550	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004684.D
Acq On : 30 Apr 2021 13:55
Operator : SY/MD
Sample : M2225-01
Misc : 7.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

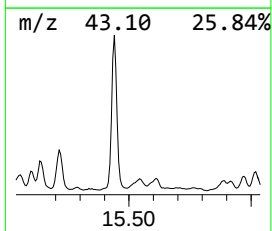
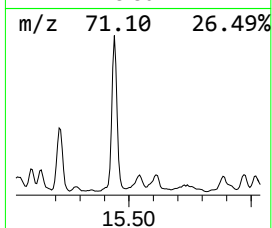
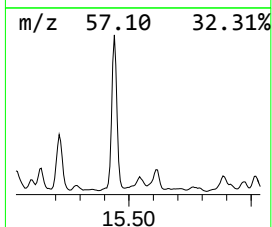
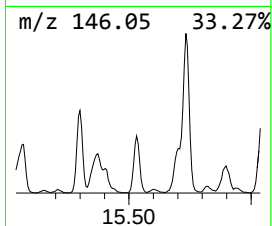
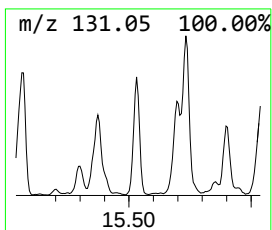
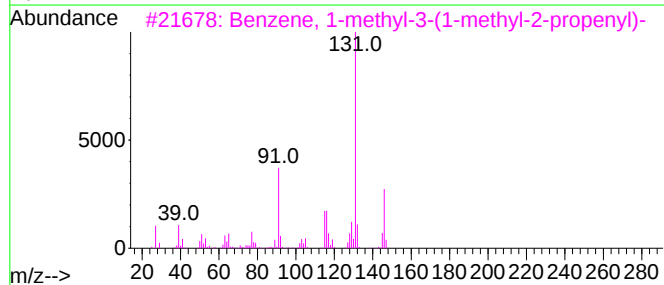
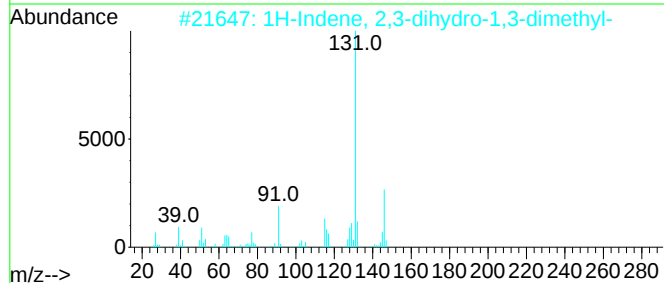
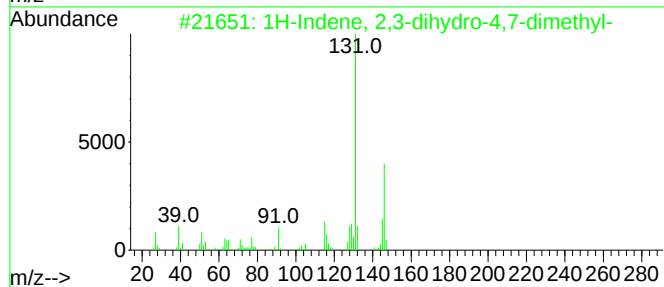
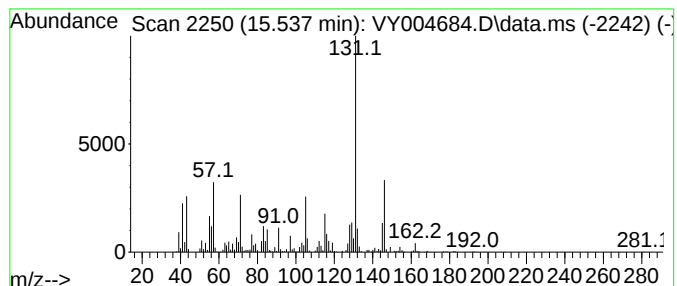
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.538	74.46 ug/l	1044370	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	86
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
3			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004684.D
Acq On : 30 Apr 2021 13:55
Operator : SY/MD
Sample : M2225-01
Misc : 7.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

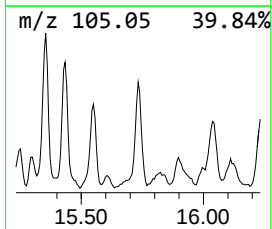
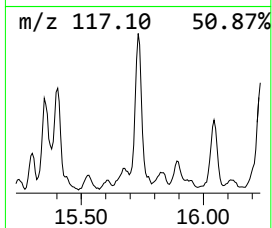
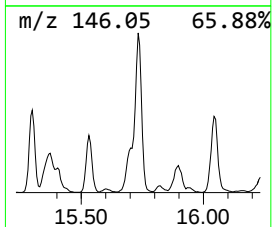
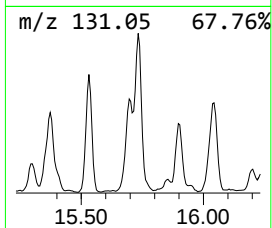
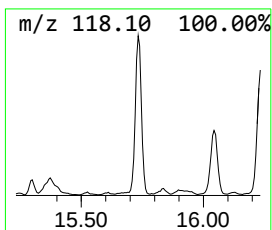
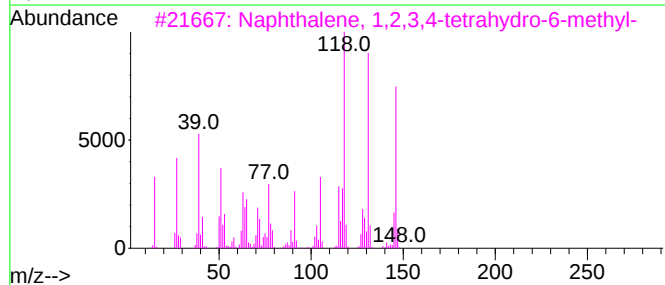
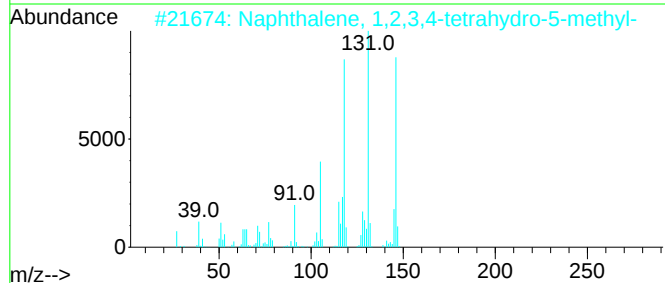
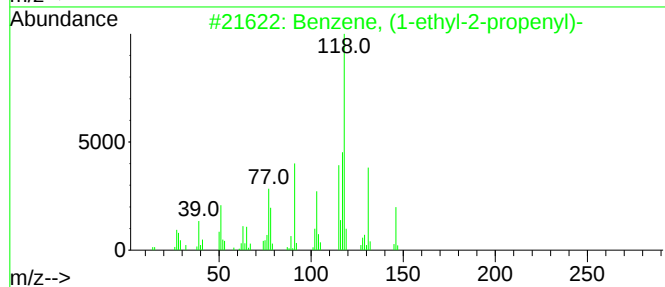
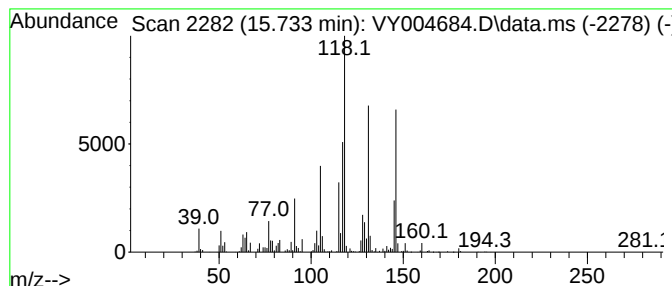
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	76.10 ug/l	1067400	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	80
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	74
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
5			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004684.D
Acq On : 30 Apr 2021 13:55
Operator : SY/MD
Sample : M2225-01
Misc : 7.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

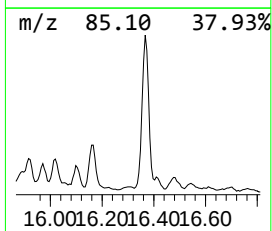
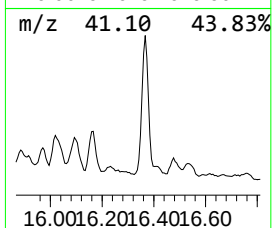
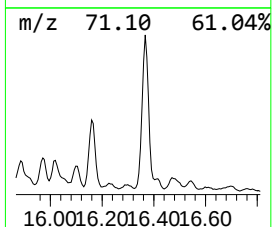
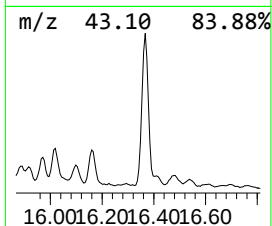
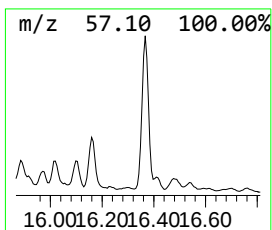
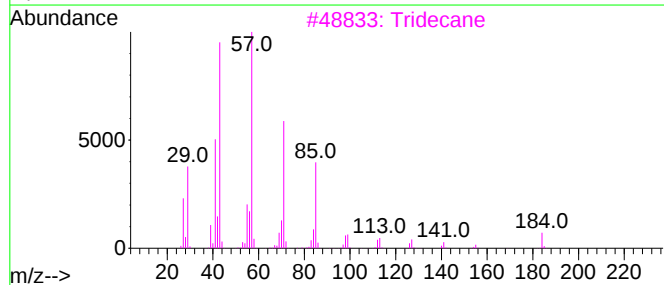
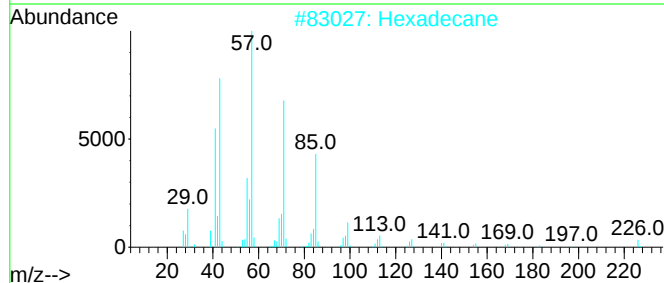
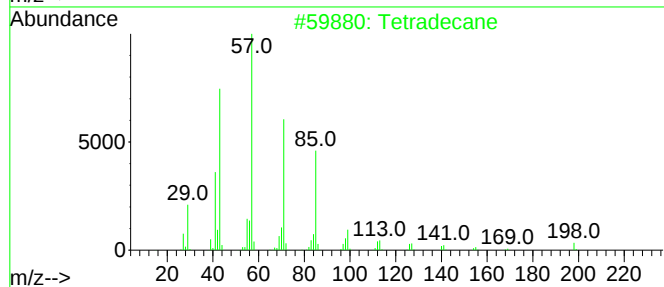
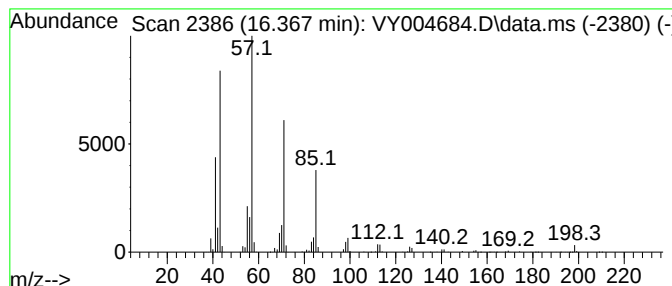
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Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.367	103.79 ug/l	1455840	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
Data File : VY004684.D
Acq On : 30 Apr 2021 13:55
Operator : SY/MD
Sample : M2225-01
Misc : 7.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-042921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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trans-Decalin, ...	14.257	90.3	ug/l	1266530	4	13.428	701341	50.0
Dodecane	14.617	153.7	ug/l	2156070	4	13.428	701341	50.0
Benzene, 2-ethe...	14.690	116.1	ug/l	1627800	4	13.428	701341	50.0
Dodecane, 6-met...	14.733	76.1	ug/l	1067630	4	13.428	701341	50.0
Dodecane, 4,6-d...	15.214	93.2	ug/l	1306930	4	13.428	701341	50.0
Tridecane	15.440	192.7	ug/l	2702550	4	13.428	701341	50.0
1H-Indene, 2,3-...	15.538	74.5	ug/l	1044370	4	13.428	701341	50.0
Benzene, (1-eth...	15.733	76.1	ug/l	1067400	4	13.428	701341	50.0
Tetradecane	16.367	103.8	ug/l	1455840	4	13.428	701341	50.0