

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004935.D
 Acq On : 03 Jun 2021 14:40
 Operator : SY/MD
 Sample : M2589-05
 Misc : 8.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B8(2-4)

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\82Y060221S.M
 Title : SW846 8260

Signal : TIC: VY004935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.247	68	70	79	rVB2	27668	44083	1.02%	0.205%
2	2.601	112	128	132	rBV10	23439	115630	2.68%	0.538%
3	3.960	341	351	360	rBV	25289	71323	1.65%	0.332%
4	4.204	381	391	409	rBV2	34012	111102	2.57%	0.517%
5	7.728	959	969	974	rBV	149576	363367	8.41%	1.690%
6	7.795	974	980	989	rVV	263714	615103	14.23%	2.862%
7	8.149	1028	1038	1050	rBV2	193505	456241	10.56%	2.123%
8	8.697	1118	1128	1140	rBV	433797	848673	19.64%	3.948%
9	9.185	1195	1208	1214	rBV4	34205	90123	2.09%	0.419%
10	9.825	1307	1313	1325	rVB4	16751	48355	1.12%	0.225%
11	9.959	1325	1335	1347	rBV3	19129	54644	1.26%	0.254%
12	10.185	1365	1372	1378	rBV	725547	1288261	29.81%	5.993%
13	10.246	1378	1382	1388	rVB	69404	113477	2.63%	0.528%
14	10.368	1395	1402	1409	rVB5	22957	54794	1.27%	0.255%
15	10.618	1432	1443	1453	rVB8	15635	46850	1.08%	0.218%
16	11.282	1543	1552	1563	rVB6	34524	99451	2.30%	0.463%
17	11.490	1579	1586	1595	rBV	635814	1044229	24.16%	4.858%
18	11.593	1596	1603	1607	rBV2	33130	66069	1.53%	0.307%
19	11.703	1612	1621	1631	rBV3	109310	269458	6.23%	1.254%
20	12.032	1662	1675	1682	rBV3	85207	200697	4.64%	0.934%
21	12.337	1719	1725	1735	rBV	322983	537458	12.44%	2.500%
22	12.489	1743	1750	1759	rVB3	843846	1497162	34.64%	6.965%
23	12.587	1761	1766	1770	rVB2	28255	47241	1.09%	0.220%
24	12.642	1771	1775	1784	rVB3	29128	75701	1.75%	0.352%
25	12.733	1784	1790	1794	rBV	95165	160773	3.72%	0.748%
26	12.806	1797	1802	1809	rVB2	266942	440397	10.19%	2.049%
27	12.892	1812	1816	1822	rVB	45140	78685	1.82%	0.366%
28	12.971	1822	1829	1837	rBV	81203	178536	4.13%	0.831%
29	13.038	1837	1840	1844	rBV	55258	78787	1.82%	0.367%
30	13.123	1848	1854	1859	rBV	325563	485857	11.24%	2.260%
31	13.245	1867	1874	1878	rBV5	21214	56922	1.32%	0.265%
32	13.343	1878	1890	1892	rBV4	93335	246179	5.70%	1.145%
33	13.367	1892	1894	1897	rVB2	60057	63447	1.47%	0.295%
34	13.428	1898	1904	1908	rBV	578118	966842	22.37%	4.498%
35	13.501	1914	1916	1923	rVB3	50423	66591	1.54%	0.310%
36	13.593	1923	1931	1932	rBV6	31976	55382	1.28%	0.258%

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37	13.629	1932	1937	1940	rVV2	177467	304900	7.05%	1.418%
38	13.666	1940	1943	1951	rVV2	127829	207958	4.81%	0.967%
39	13.751	1952	1957	1962	rVV	213804	324563	7.51%	1.510%
40	13.825	1962	1969	1974	rVV2	65989	164051	3.80%	0.763%
41	13.886	1975	1979	1982	rVV	90358	156784	3.63%	0.729%
42	13.916	1982	1984	1988	rVV2	91982	120082	2.78%	0.559%
43	13.971	1988	1993	1998	rVV2	134810	205861	4.76%	0.958%
44	14.081	2005	2011	2016	rBV	144118	215321	4.98%	1.002%
45	14.142	2016	2021	2028	rVB6	23925	58610	1.36%	0.273%
46	14.215	2028	2033	2036	rBV3	48890	89070	2.06%	0.414%
47	14.263	2036	2041	2043	rVV3	55538	104430	2.42%	0.486%
48	14.300	2043	2047	2050	rVV	93641	180983	4.19%	0.842%
49	14.337	2050	2053	2057	rVV	126691	170410	3.94%	0.793%
50	14.385	2057	2061	2064	rVV2	55110	77485	1.79%	0.360%
51	14.422	2064	2067	2071	rVB	49977	63503	1.47%	0.295%
52	14.568	2087	2091	2095	rBV2	56209	91790	2.12%	0.427%
53	14.611	2095	2098	2103	rVB2	105509	140805	3.26%	0.655%
54	14.678	2103	2109	2115	rBV3	179125	409236	9.47%	1.904%
55	14.733	2115	2118	2124	rVB4	51067	92043	2.13%	0.428%
56	14.837	2131	2135	2139	rVB	35249	46381	1.07%	0.216%
57	14.946	2148	2153	2157	rBV2	82879	140426	3.25%	0.653%
58	15.056	2165	2171	2179	rVB2	61249	131928	3.05%	0.614%
59	15.239	2191	2201	2207	rBV	2536415	4322136	100.00%	20.107%
60	15.343	2213	2218	2224	rBV3	48465	95864	2.22%	0.446%
61	15.434	2230	2233	2242	rVB3	55233	95000	2.20%	0.442%
62	15.525	2242	2248	2255	rBV3	44665	105570	2.44%	0.491%
63	15.690	2266	2275	2278	rBV6	33462	94047	2.18%	0.438%
64	15.727	2278	2281	2286	rVB2	38967	65825	1.52%	0.306%
65	15.818	2291	2296	2301	rVV5	25177	55656	1.29%	0.259%
66	15.891	2301	2308	2324	rVB4	37463	133738	3.09%	0.622%
67	16.038	2324	2332	2337	rBV3	38832	93679	2.17%	0.436%
68	16.227	2356	2363	2368	rBV3	49379	114665	2.65%	0.533%
69	16.294	2368	2374	2381	rVB	509034	941100	21.77%	4.378%
70	16.489	2399	2406	2420	rVB	403521	843396	19.51%	3.924%

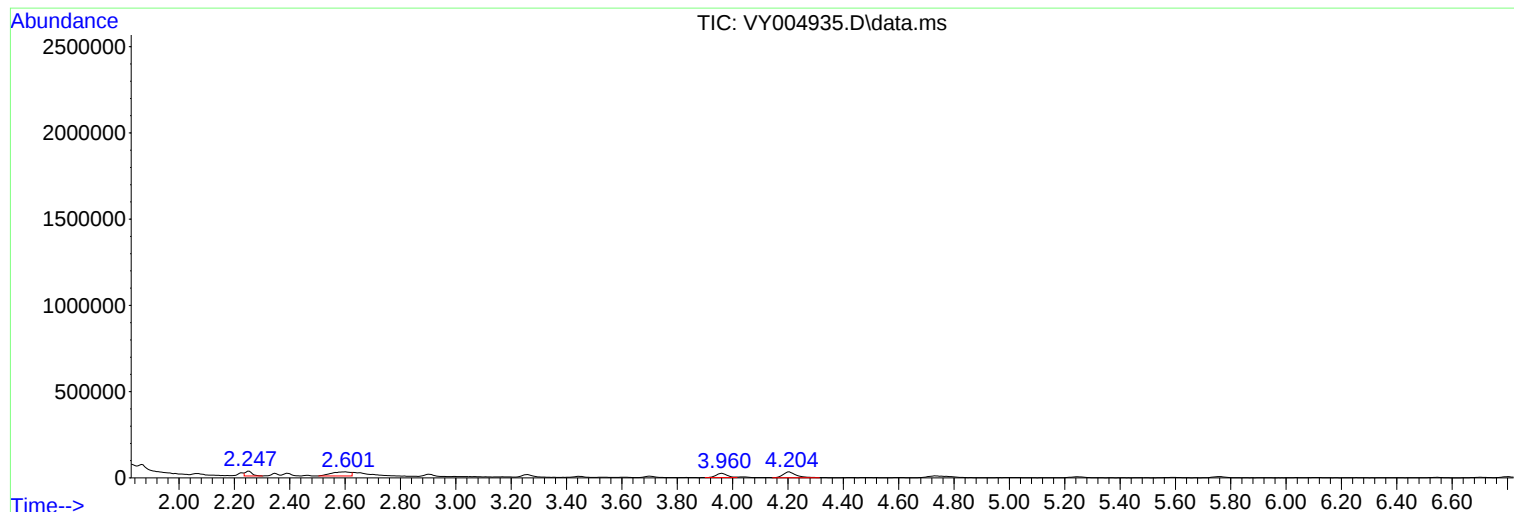
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18-B8(2-4)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260

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



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18-B8(2-4)

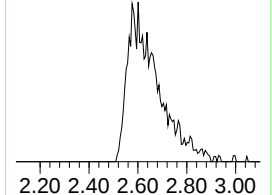
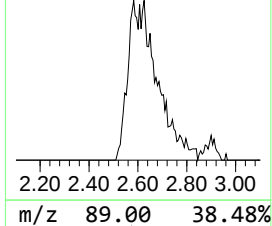
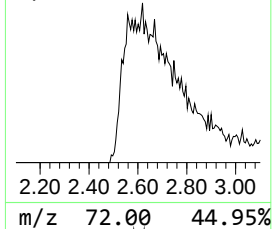
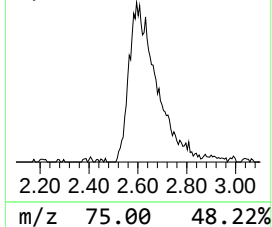
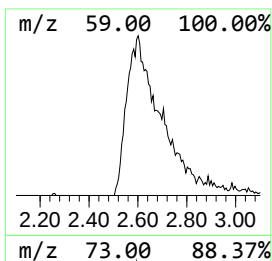
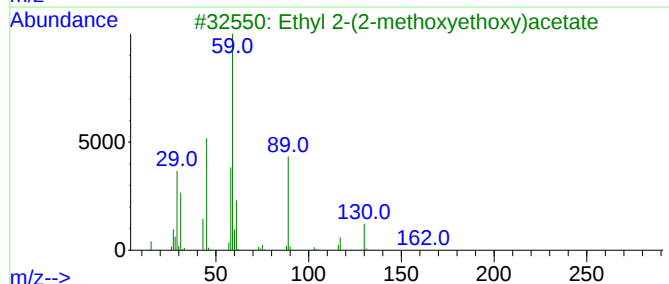
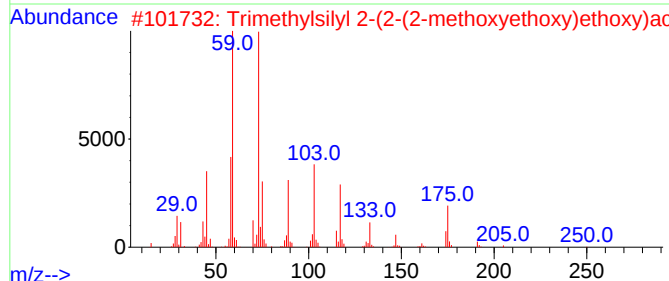
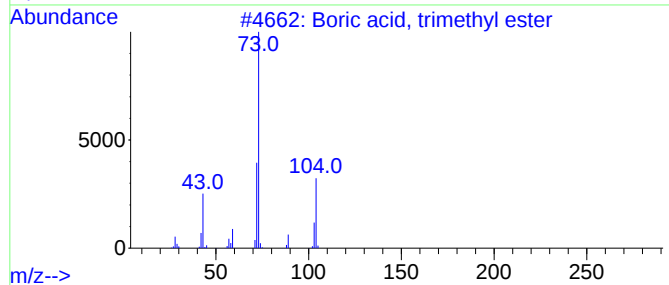
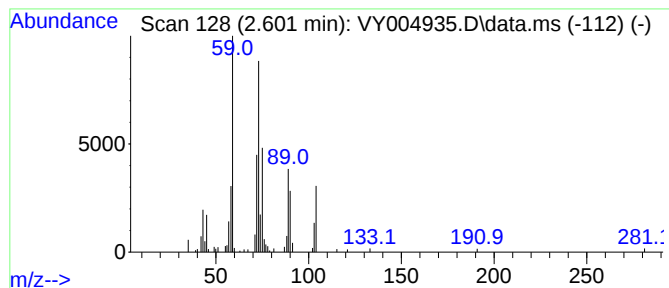
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown2.601 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.601	9.40 ug/l	115630	Pentafluorobenzene	7.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Boric acid, trimethyl ester	104	C3H9B03	000121-43-7	25
2			Trimethylsilyl 2-(2-(2-methoxyet...	250	C10H22O5Si	1000366-86-4	25
3			Ethyl 2-(2-methoxyethoxy)acetate	162	C7H14O4	1000366-88-9	23
4			Acetic acid, hydroxy-, methyl ester	90	C3H6O3	000096-35-5	22
5			Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	16



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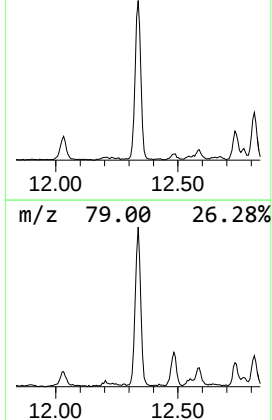
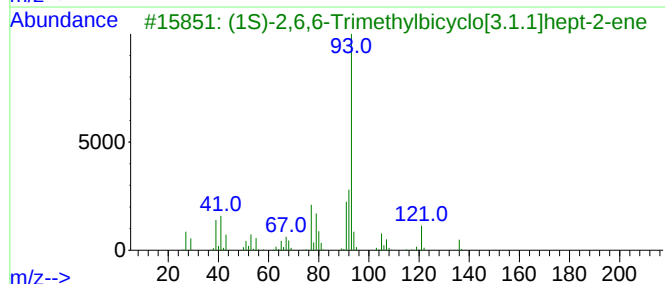
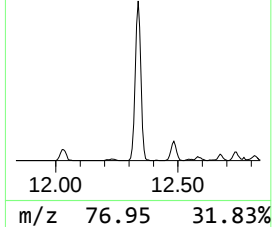
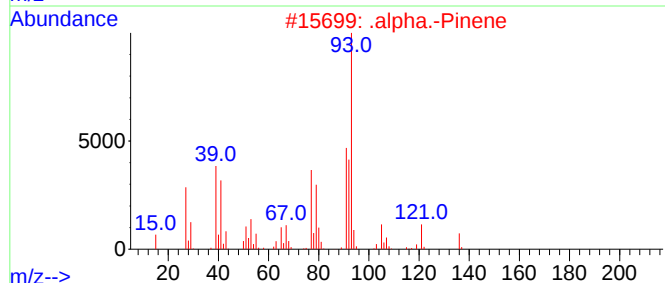
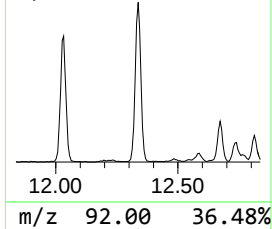
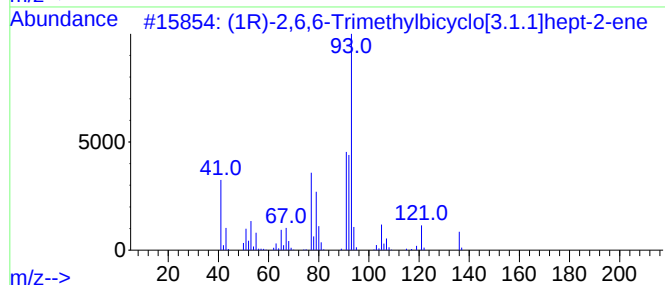
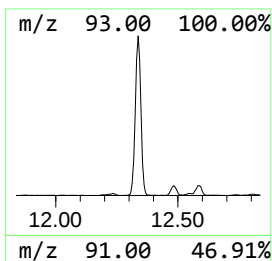
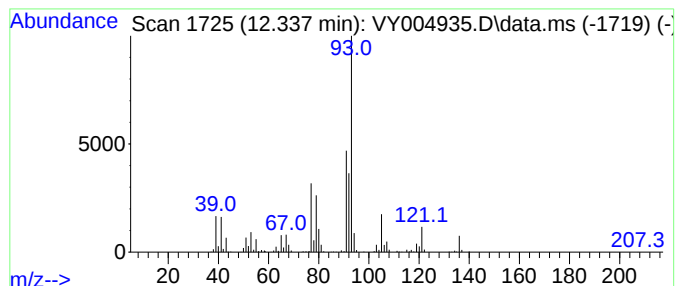
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	25.73 ug/l	537458	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-70-8	97		
2	.alpha.-Pinene	136	C10H16	000080-56-8	94		
3	(1S)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-26-4	91		
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91		
5	(+)-4-Carene	136	C10H16	029050-33-7	90		



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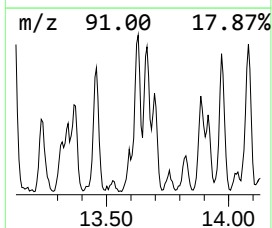
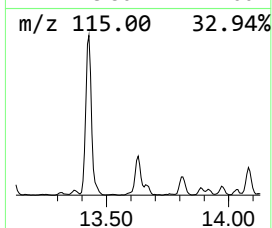
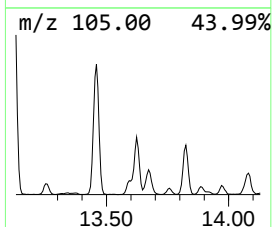
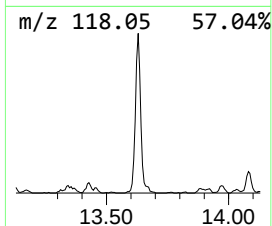
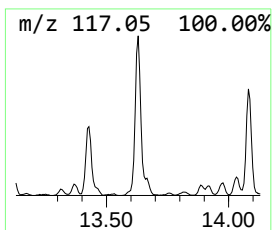
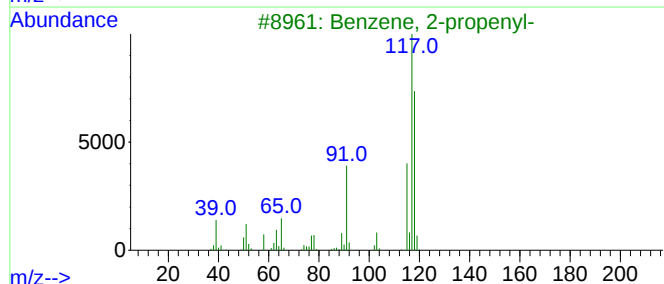
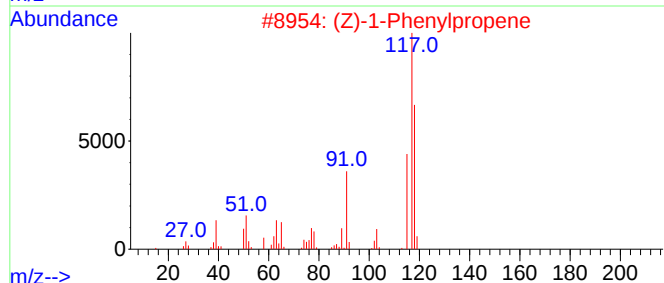
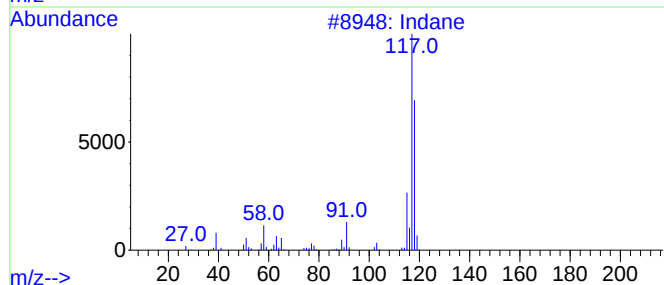
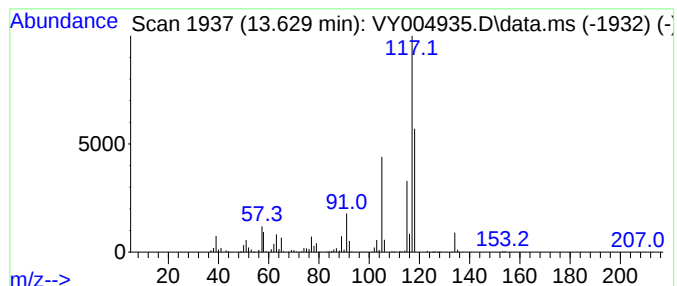
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Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	15.77 ug/l	304900	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	76
2			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	58



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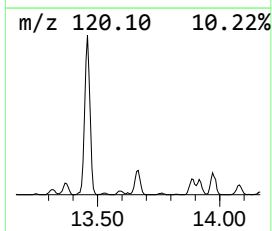
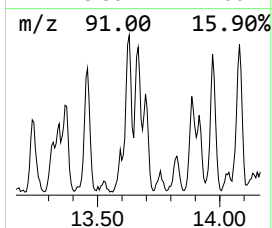
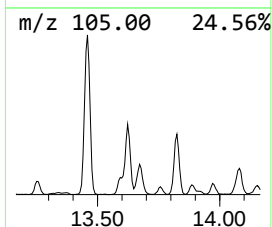
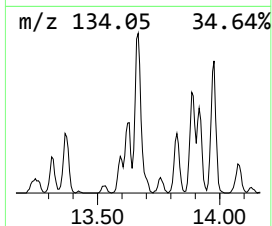
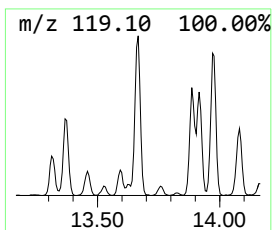
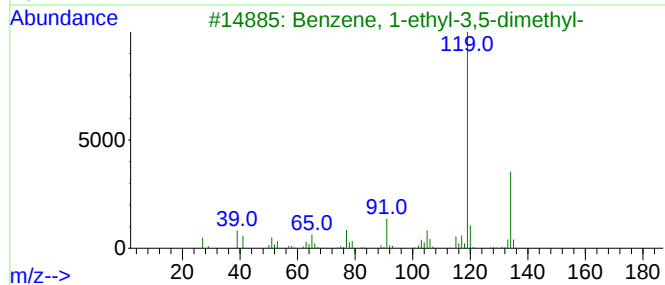
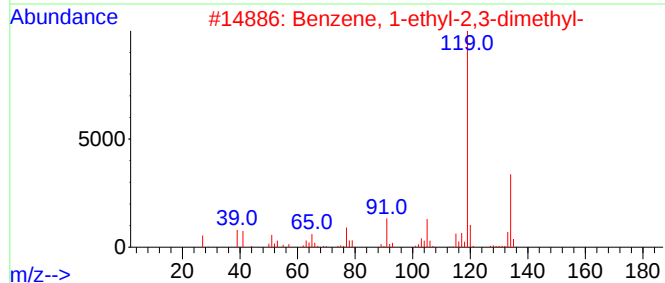
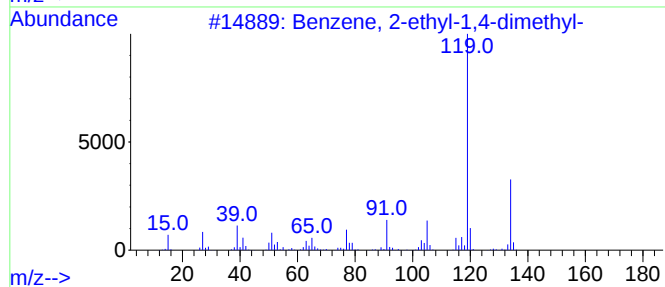
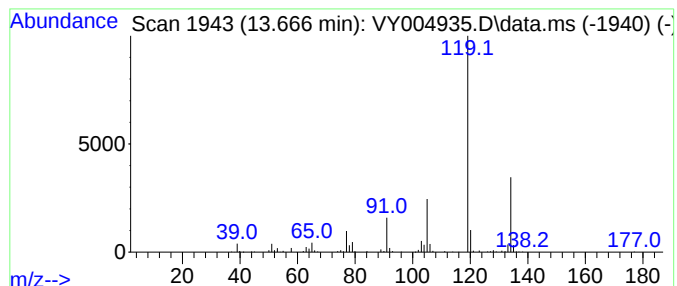
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Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	10.75 ug/l	207958	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5			o-Cymene	134	C10H14	000527-84-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004935.D
Acq On : 03 Jun 2021 14:40
Operator : SY/MD
Sample : M2589-05
Misc : 8.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

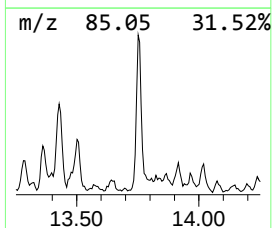
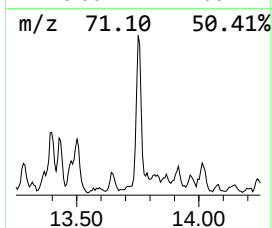
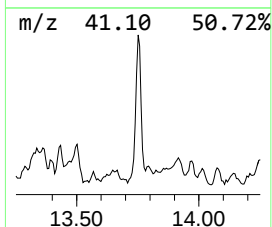
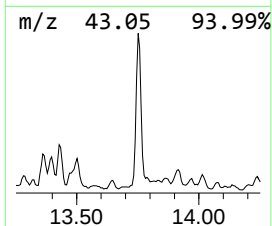
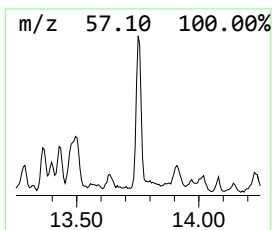
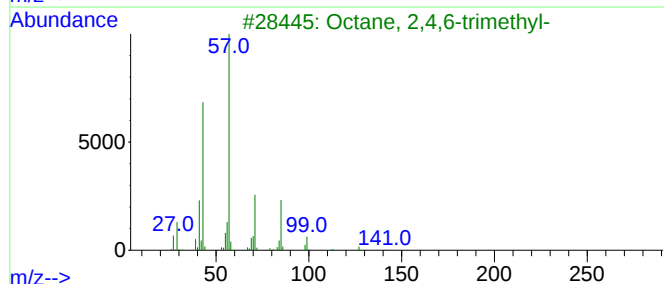
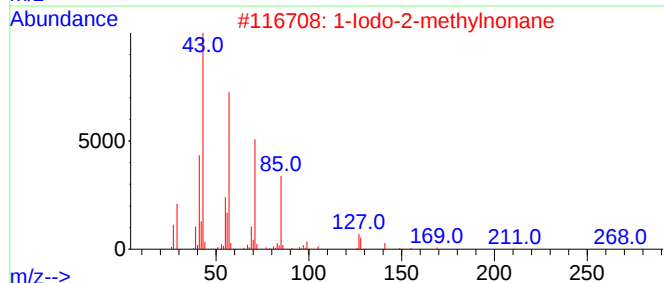
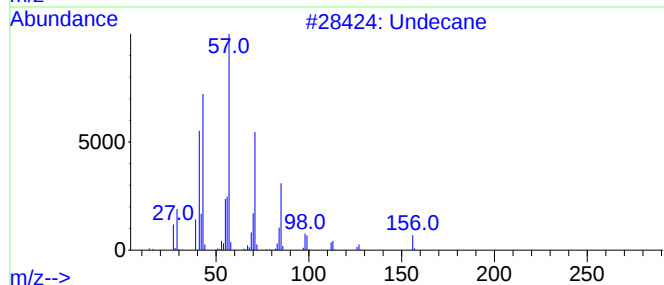
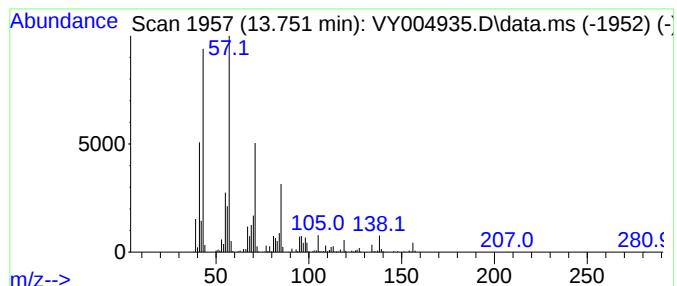
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	16.78 ug/l	324563	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	81
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004935.D
Acq On : 03 Jun 2021 14:40
Operator : SY/MD
Sample : M2589-05
Misc : 8.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

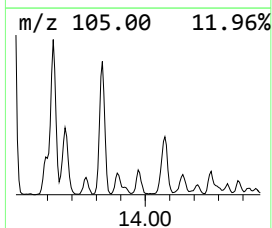
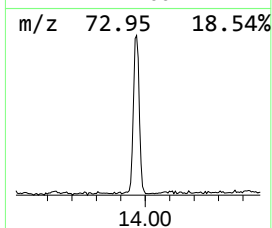
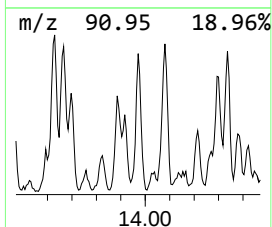
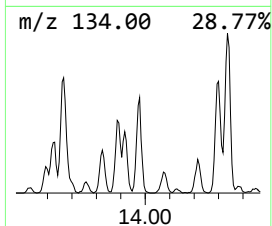
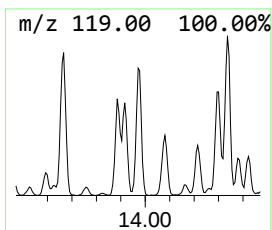
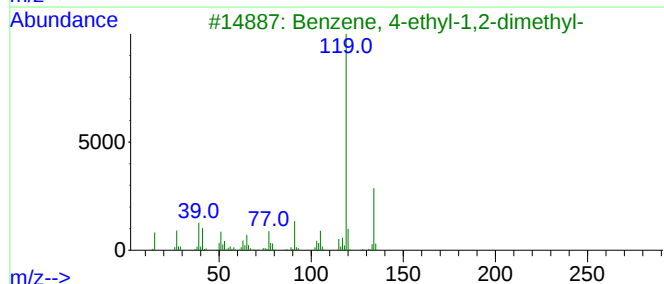
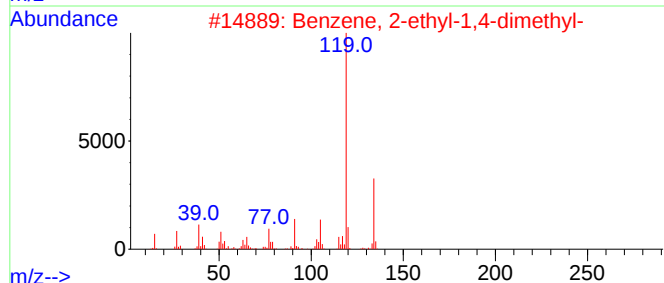
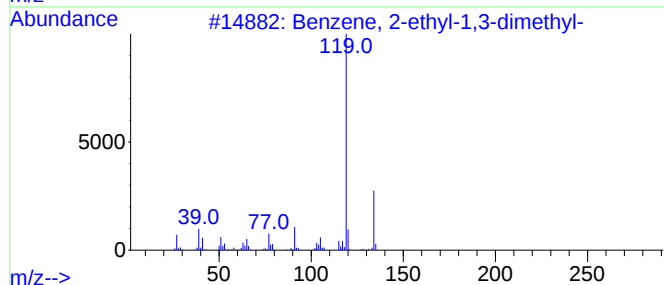
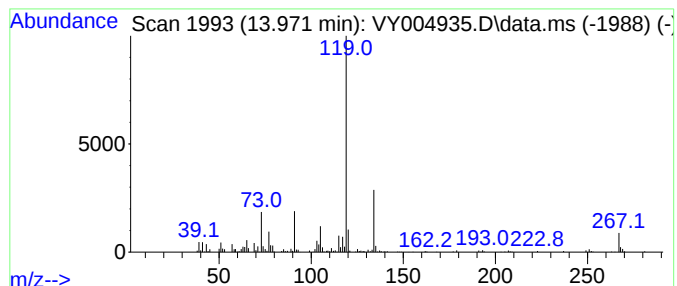
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	10.65 ug/l	205861	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004935.D
Acq On : 03 Jun 2021 14:40
Operator : SY/MD
Sample : M2589-05
Misc : 8.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

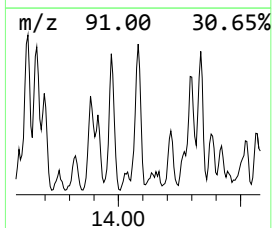
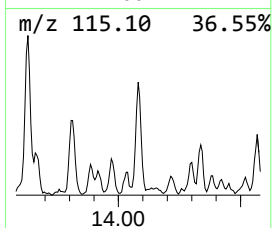
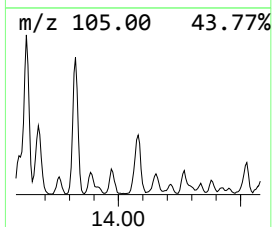
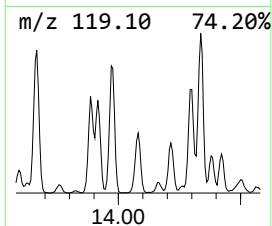
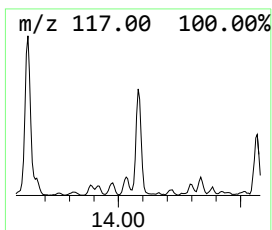
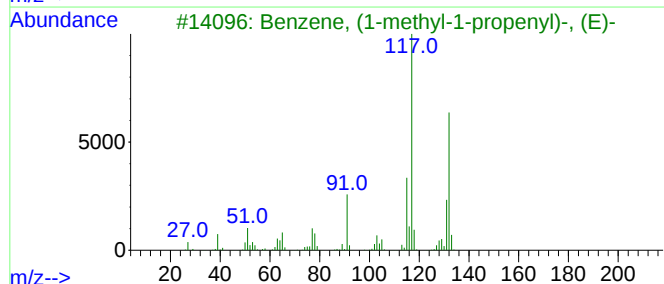
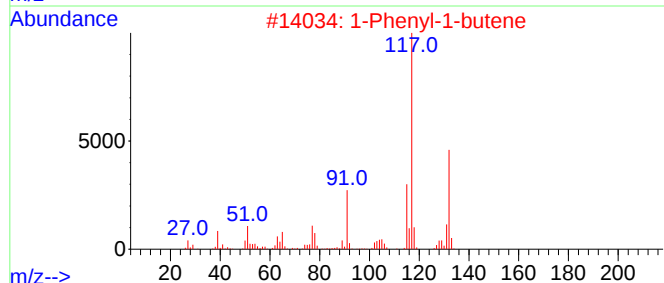
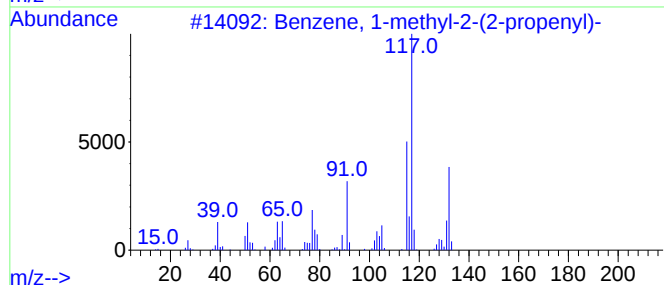
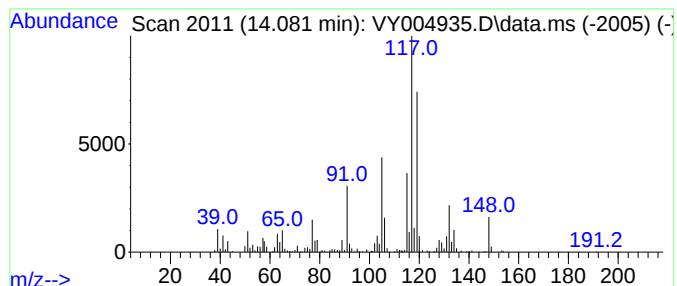
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	11.14 ug/l	215321	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			1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	55
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004935.D
Acq On : 03 Jun 2021 14:40
Operator : SY/MD
Sample : M2589-05
Misc : 8.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

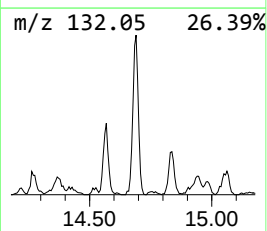
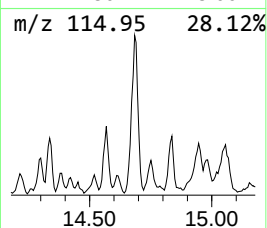
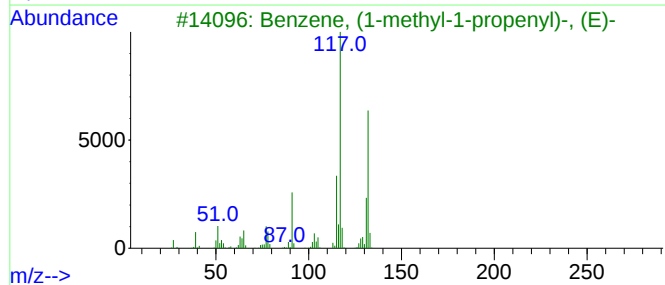
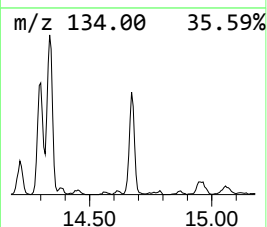
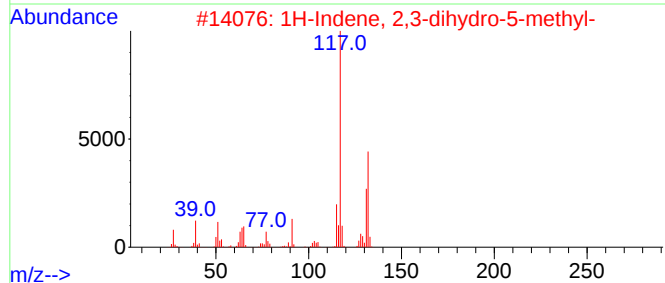
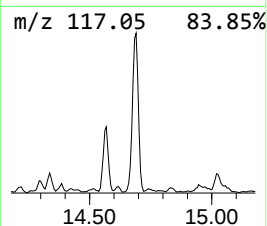
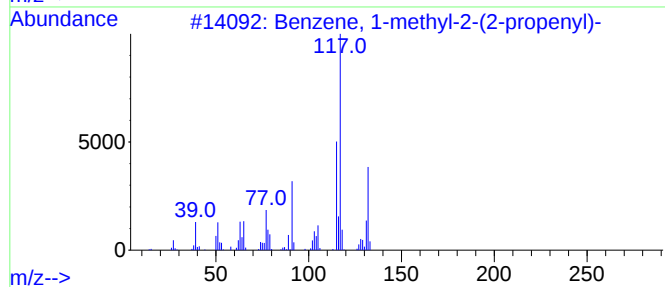
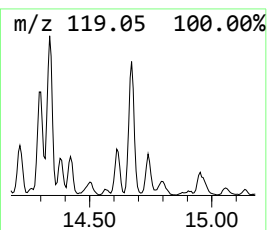
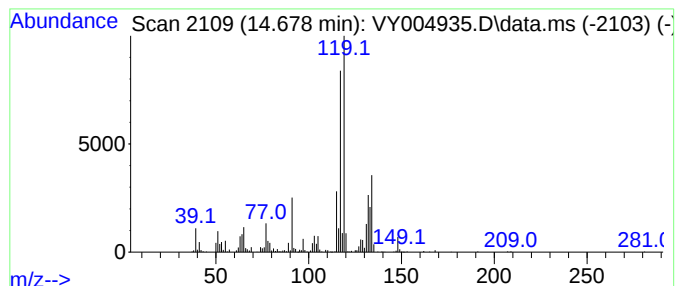
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	21.16 ug/l	409236	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	87
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004935.D
Acq On : 03 Jun 2021 14:40
Operator : SY/MD
Sample : M2589-05
Misc : 8.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

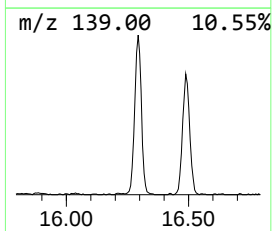
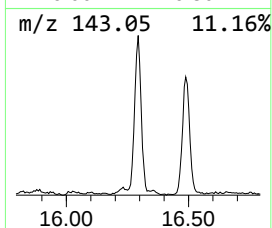
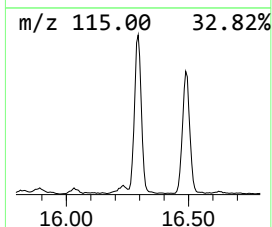
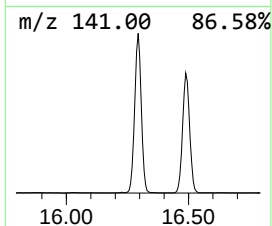
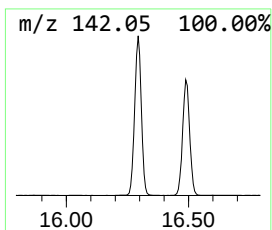
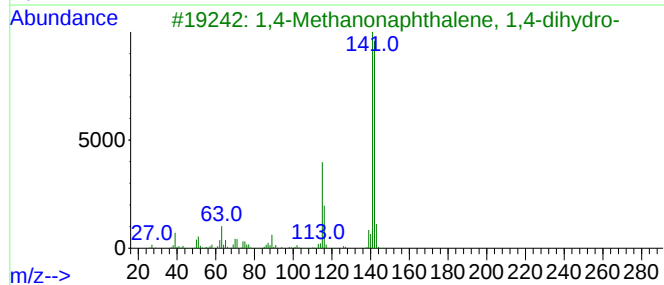
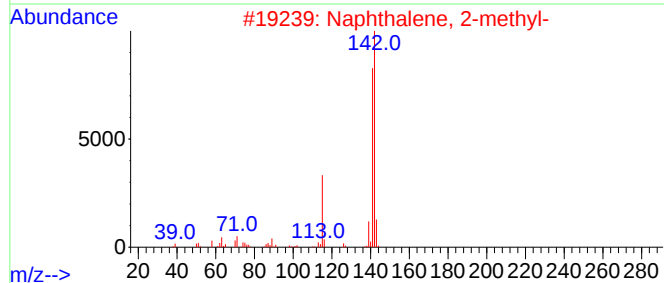
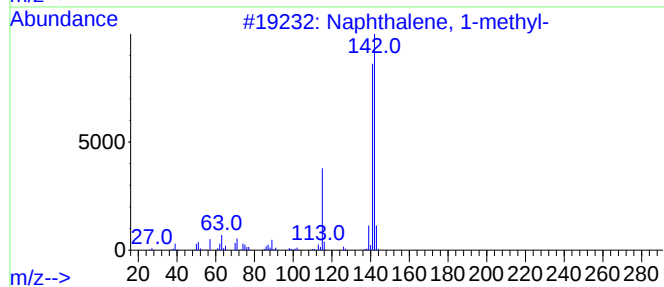
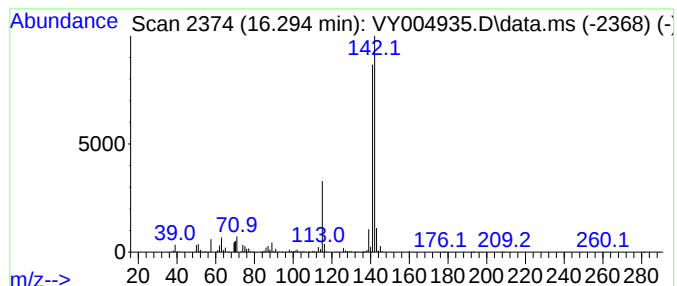
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	48.67 ug/l	941100	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004935.D
Acq On : 03 Jun 2021 14:40
Operator : SY/MD
Sample : M2589-05
Misc : 8.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B8(2-4)

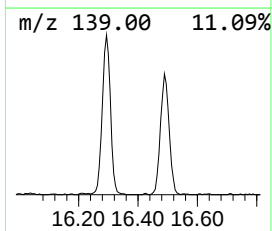
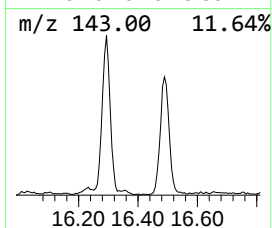
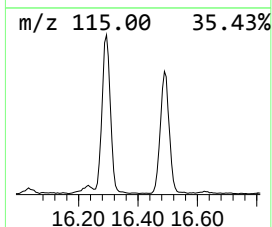
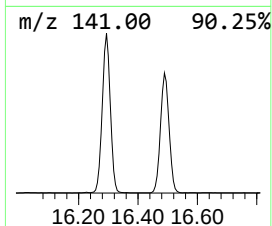
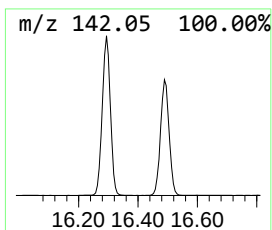
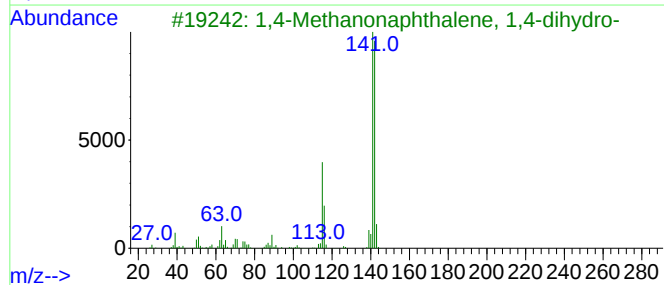
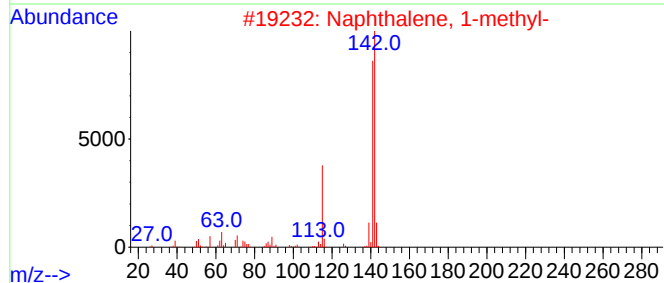
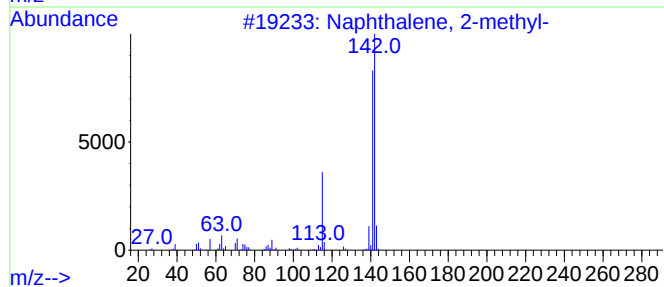
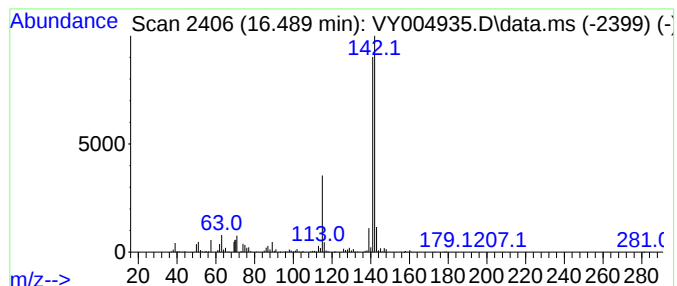
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	43.62 ug/l	843396	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004935.D
 Acq On : 03 Jun 2021 14:40
 Operator : SY/MD
 Sample : M2589-05
 Misc : 8.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B8(2-4)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.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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(1R)-2,6,6-Trim...	12.337	25.7	ug/l	537458	3	11.496	1044230	50.0
Indane	13.630	15.8	ug/l	304900	4	13.428	966842	50.0
Benzene, 2-ethy...	13.666	10.8	ug/l	207958	4	13.428	966842	50.0
Undecane	13.751	16.8	ug/l	324563	4	13.428	966842	50.0
Benzene, 2-ethy...	13.971	10.7	ug/l	205861	4	13.428	966842	50.0
Benzene, 1-meth...	14.081	11.1	ug/l	215321	4	13.428	966842	50.0
1H-Indene, 2,3-...	14.678	21.2	ug/l	409236	4	13.428	966842	50.0
Naphthalene, 1-...	16.294	48.7	ug/l	941100	4	13.428	966842	50.0
1,4-Methanonaph...	16.489	43.6	ug/l	843396	4	13.428	966842	50.0