

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004191.D
 Acq On : 24 Mar 2021 17:32
 Operator : SY/MD
 Sample : M1793-01
 Misc : 6.37g/5mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-032421

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: VY004191.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	489	rBV2	12485	38142	2.13%	0.185%
2	7.728	959	969	975	rBV	162970	392434	21.95%	1.906%
3	7.801	975	981	992	rVB	277732	629405	35.21%	3.057%
4	8.155	1027	1039	1052	rBV	158397	357779	20.02%	1.738%
5	8.697	1119	1128	1138	rBV	425293	838023	46.88%	4.070%
6	10.185	1364	1372	1379	rBV	682209	1173021	65.62%	5.697%
7	10.246	1379	1382	1389	rVB	20147	33270	1.86%	0.162%
8	11.496	1578	1587	1596	rBV	644173	1034003	57.85%	5.022%
9	11.593	1596	1603	1612	rBV2	12124	22637	1.27%	0.110%
10	11.703	1612	1621	1631	rBV	45074	93559	5.23%	0.454%
11	12.032	1665	1675	1683	rBV	35909	66122	3.70%	0.321%
12	12.489	1743	1750	1759	rVB2	1001351	1787486	100.00%	8.681%
13	12.672	1772	1780	1784	rBV	27532	47859	2.68%	0.232%
14	12.739	1784	1791	1794	rVV	97350	164538	9.20%	0.799%
15	12.770	1794	1796	1799	rVV	52523	73143	4.09%	0.355%
16	12.806	1799	1802	1808	rVV2	146154	229540	12.84%	1.115%
17	12.916	1816	1820	1823	rBV2	13359	21333	1.19%	0.104%
18	12.971	1823	1829	1837	rBV	68414	122025	6.83%	0.593%
19	13.044	1837	1841	1846	rVB2	31961	47479	2.66%	0.231%
20	13.123	1846	1854	1859	rBV	222147	342620	19.17%	1.664%
21	13.251	1867	1875	1879	rBV4	23448	47780	2.67%	0.232%
22	13.318	1879	1886	1890	rBV2	65868	138689	7.76%	0.674%
23	13.367	1891	1894	1897	rVB2	26902	32709	1.83%	0.159%
24	13.428	1897	1904	1908	rBV	652517	1077711	60.29%	5.234%
25	13.507	1914	1917	1921	rVB3	20901	24100	1.35%	0.117%
26	13.593	1927	1931	1932	rBV	45366	49368	2.76%	0.240%
27	13.623	1932	1936	1940	rVV	254381	412640	23.08%	2.004%
28	13.666	1940	1943	1952	rVB3	193810	386935	21.65%	1.879%
29	13.751	1952	1957	1962	rBV3	232931	348917	19.52%	1.695%
30	13.824	1965	1969	1975	rVV	89407	148155	8.29%	0.720%
31	13.885	1975	1979	1982	rVV	116471	196246	10.98%	0.953%
32	13.916	1982	1984	1989	rVV	154097	199040	11.14%	0.967%
33	13.971	1989	1993	1998	rVV	232012	336082	18.80%	1.632%
34	14.032	1998	2003	2006	rVV2	44631	69706	3.90%	0.339%
35	14.081	2006	2011	2016	rVB	242840	375566	21.01%	1.824%
36	14.160	2016	2024	2028	rBV6	58977	149784	8.38%	0.727%

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37	14.215	2028	2033	2036	rVV2	72678	135450	7.58%	0.658%
38	14.257	2036	2040	2044	rVV5	114126	240629	13.46%	1.169%
39	14.300	2044	2047	2050	rVV	137710	223747	12.52%	1.087%
40	14.337	2050	2053	2057	rVV	220804	297554	16.65%	1.445%
41	14.379	2057	2060	2064	rVV	125510	177755	9.94%	0.863%
42	14.422	2064	2067	2071	rVV	113893	150664	8.43%	0.732%
43	14.483	2074	2077	2079	rVV4	41292	57827	3.24%	0.281%
44	14.526	2079	2084	2087	rVV2	123058	200019	11.19%	0.971%
45	14.568	2087	2091	2096	rVV2	273889	531634	29.74%	2.582%
46	14.611	2096	2098	2103	rVB	200524	263321	14.73%	1.279%
47	14.684	2103	2110	2115	rBV4	540740	1151621	64.43%	5.593%
48	14.739	2115	2119	2125	rVB2	125757	225703	12.63%	1.096%
49	14.837	2129	2135	2142	rVV	367943	609094	34.08%	2.958%
50	14.910	2143	2147	2148	rVV2	63172	86467	4.84%	0.420%
51	14.946	2148	2153	2156	rVV3	203993	382477	21.40%	1.858%
52	14.983	2156	2159	2163	rVV	122987	202323	11.32%	0.983%
53	15.056	2165	2171	2179	rVB2	183426	419494	23.47%	2.037%
54	15.239	2191	2201	2206	rBV5	89204	266995	14.94%	1.297%
55	15.294	2206	2210	2214	rVV	192386	292825	16.38%	1.422%
56	15.349	2214	2219	2226	rVV4	159061	451311	25.25%	2.192%
57	15.434	2230	2233	2241	rVB4	99727	185048	10.35%	0.899%
58	15.525	2241	2248	2256	rBV3	138368	310405	17.37%	1.508%
59	15.605	2256	2261	2266	rVB4	34378	59858	3.35%	0.291%
60	15.696	2266	2276	2277	rBV3	95891	208839	11.68%	1.014%
61	15.727	2277	2281	2290	rVB	336931	614123	34.36%	2.983%
62	15.818	2292	2296	2301	rBV4	33975	56986	3.19%	0.277%
63	15.891	2302	2308	2313	rBV3	62695	132905	7.44%	0.645%
64	16.038	2324	2332	2338	rBV2	174323	361143	20.20%	1.754%
65	16.233	2356	2364	2369	rVV2	150904	310621	17.38%	1.509%
66	16.294	2369	2374	2380	rVV4	84162	156829	8.77%	0.762%
67	16.495	2400	2407	2413	rBV7	57573	161019	9.01%	0.782%
68	16.550	2413	2416	2422	rVV3	34519	59712	3.34%	0.290%
69	16.629	2424	2429	2438	rVB3	38935	98235	5.50%	0.477%

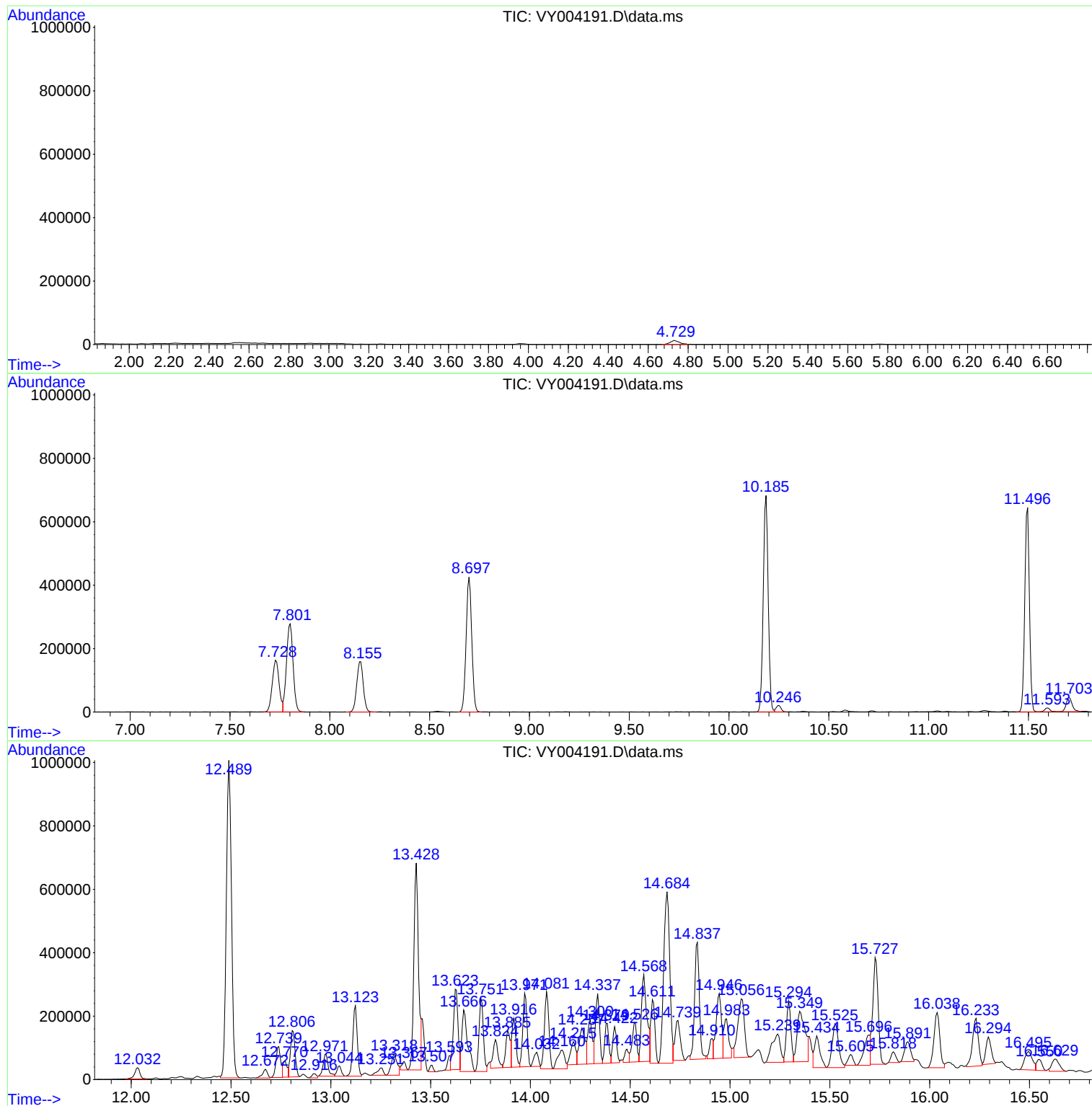
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Quant Title : SW846 8260

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



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ClientSampleId :
SU-04-032421

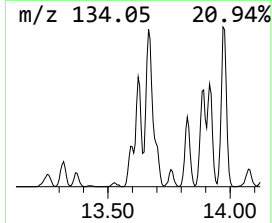
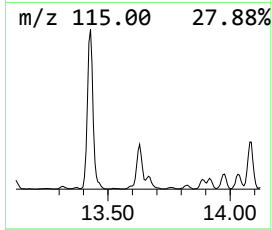
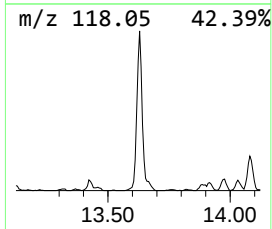
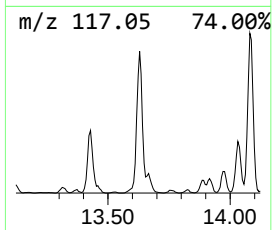
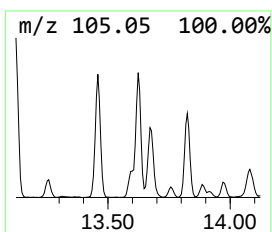
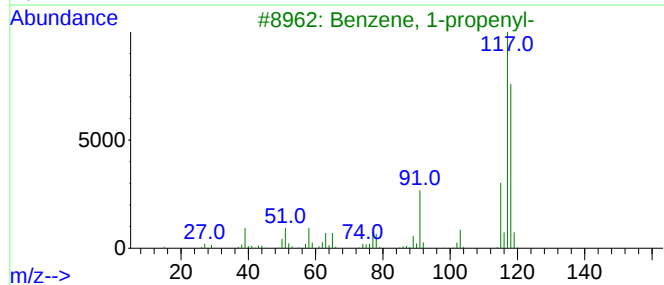
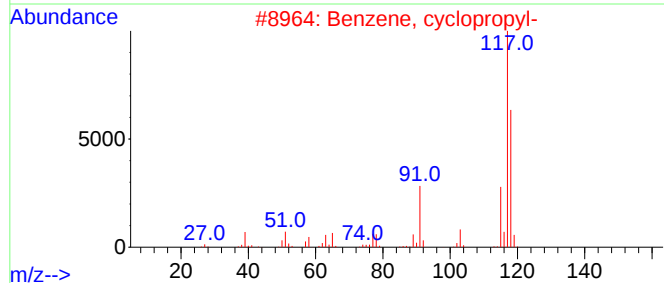
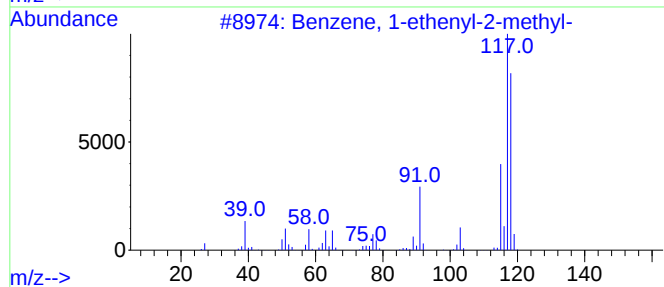
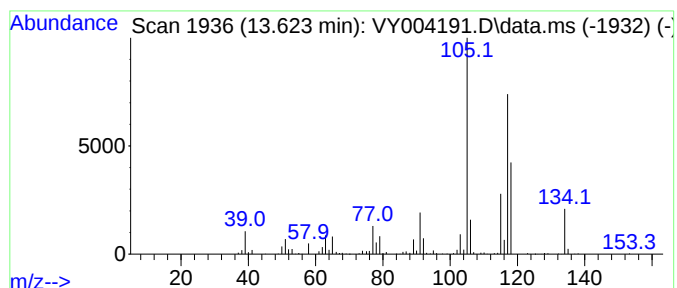
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Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethenyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	19.14 ug/l	412640	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
5			Indane	118	C9H10	000496-11-7	53



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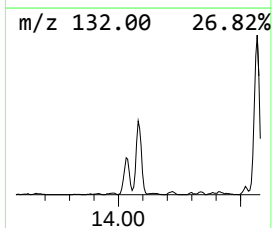
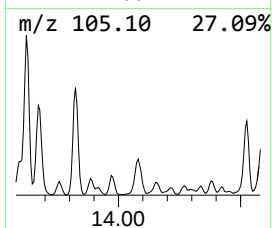
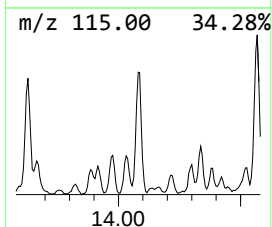
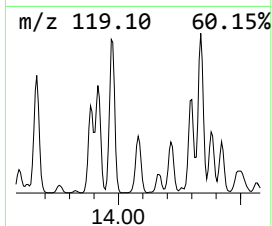
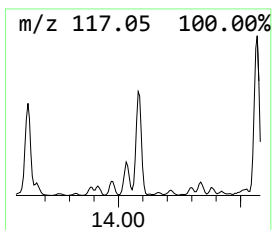
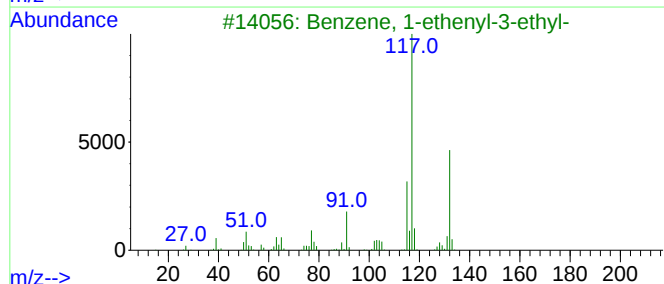
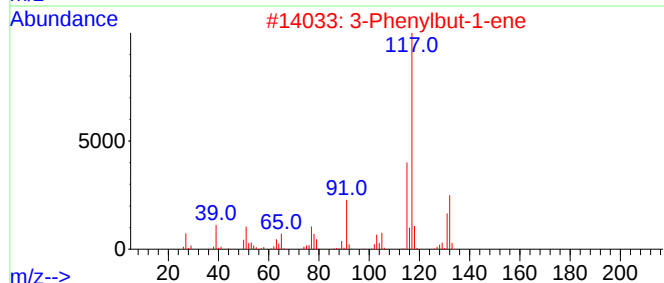
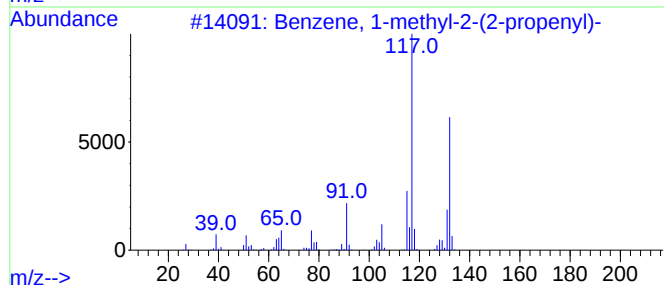
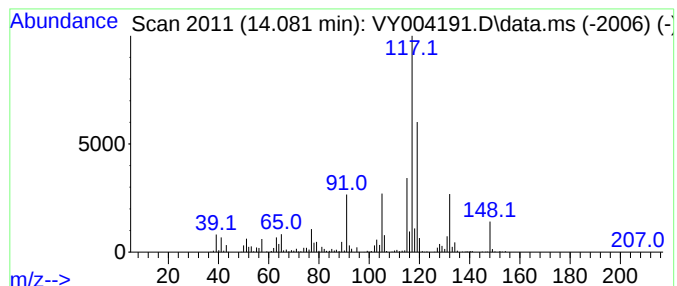
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	17.42 ug/l	375566	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	70
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4			Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	60
5			Indan, 1-methyl-	132	C10H12	000767-58-8	60



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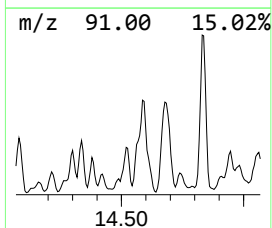
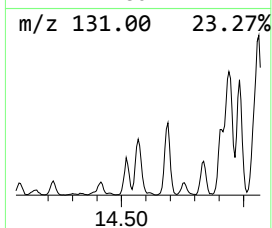
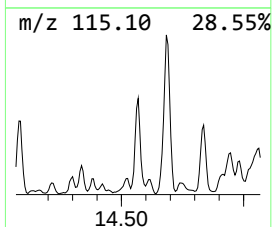
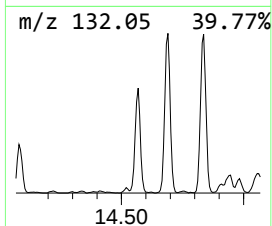
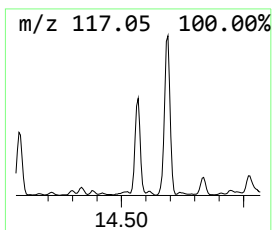
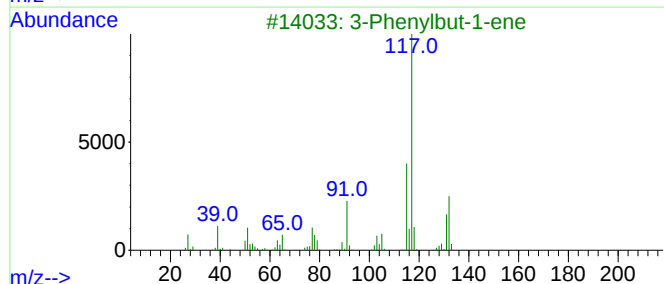
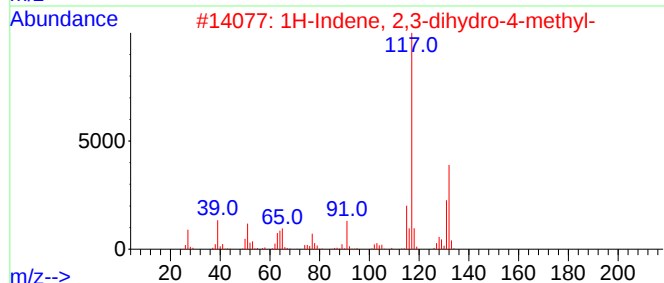
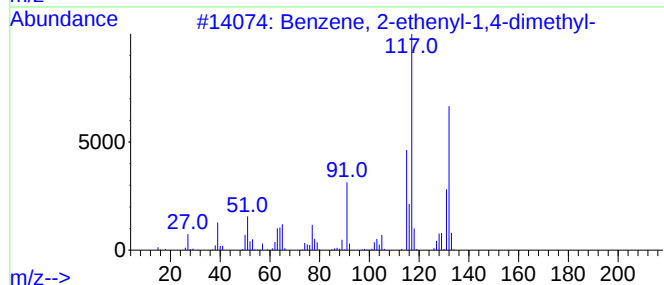
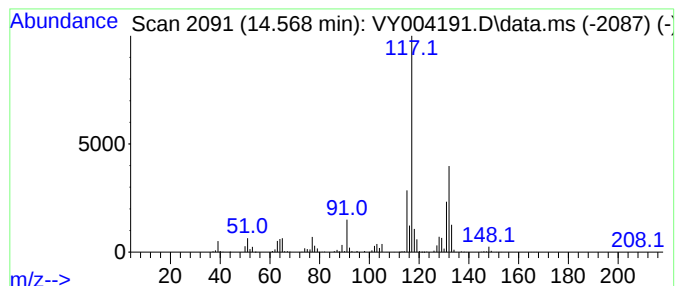
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Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.568	24.66 ug/l	531634	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	91
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87



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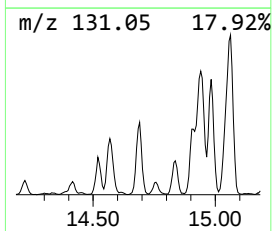
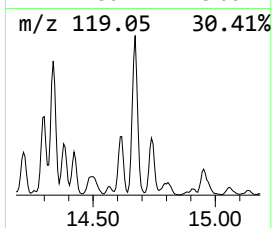
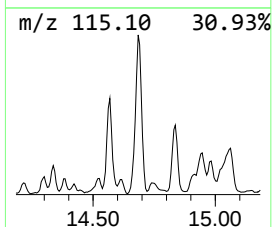
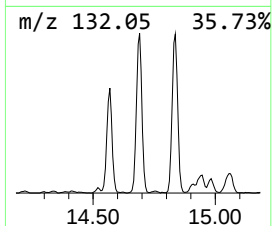
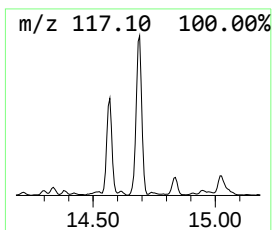
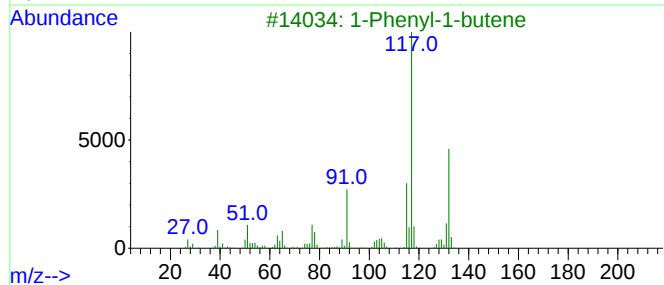
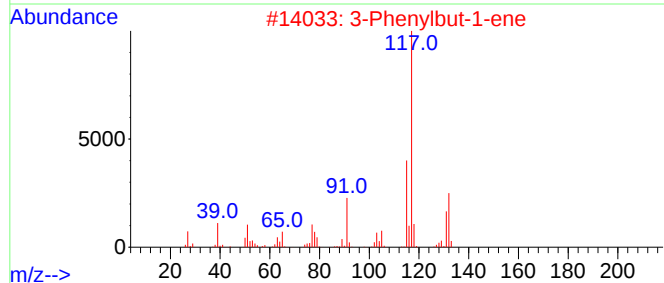
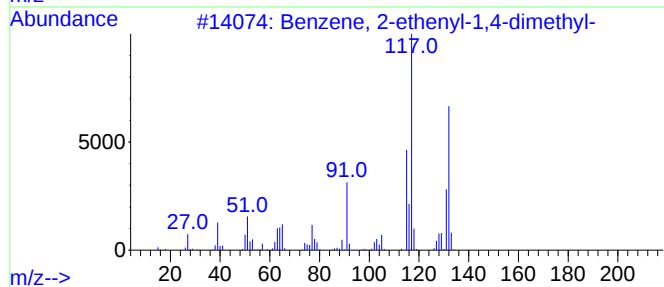
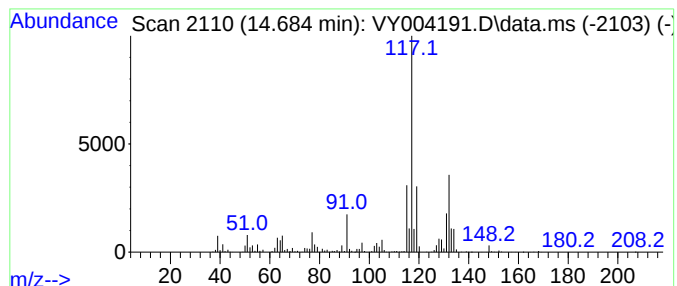
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	53.43 ug/l	1151620	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	92
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	81
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
5			Indan, 1-methyl-	132	C10H12	000767-58-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004191.D
Acq On : 24 Mar 2021 17:32
Operator : SY/MD
Sample : M1793-01
Misc : 6.37g/5mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-032421

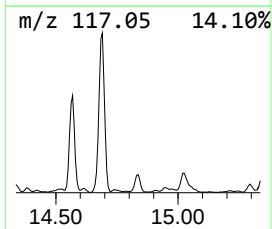
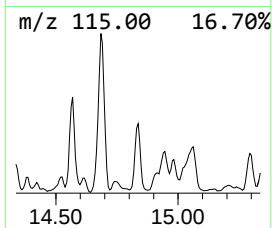
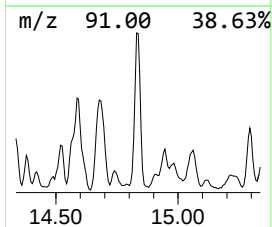
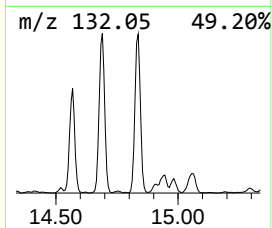
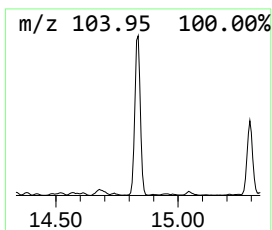
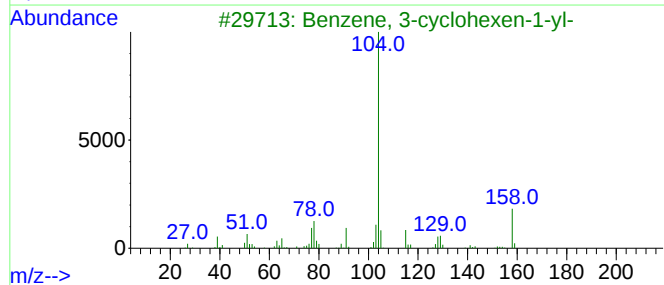
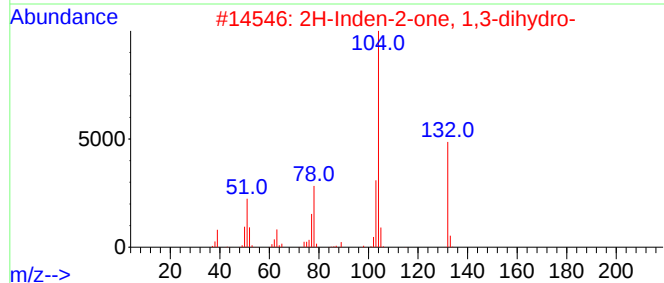
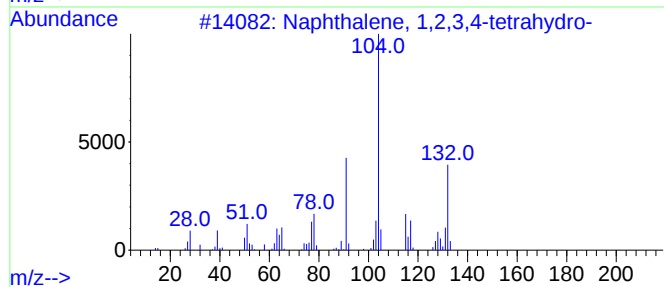
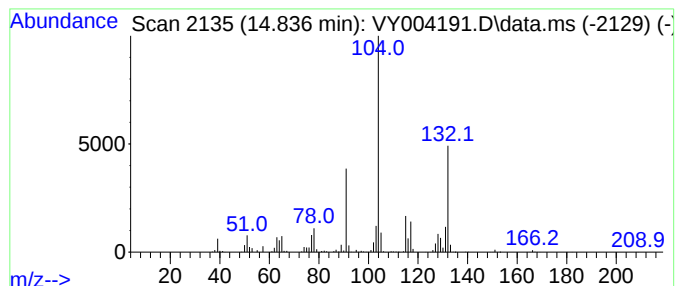
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	28.26 ug/l	609094	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3			Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
4			2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38
5			Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004191.D
Acq On : 24 Mar 2021 17:32
Operator : SY/MD
Sample : M1793-01
Misc : 6.37g/5mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-032421

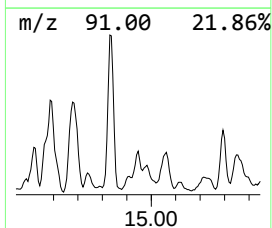
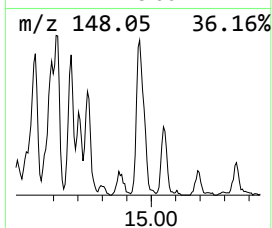
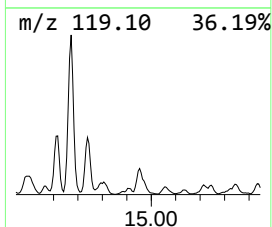
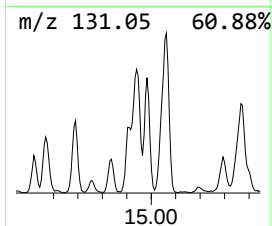
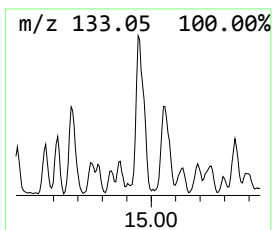
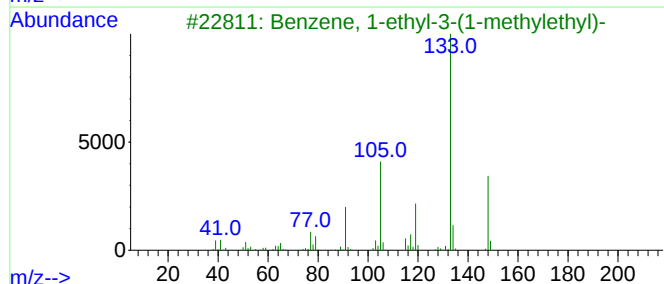
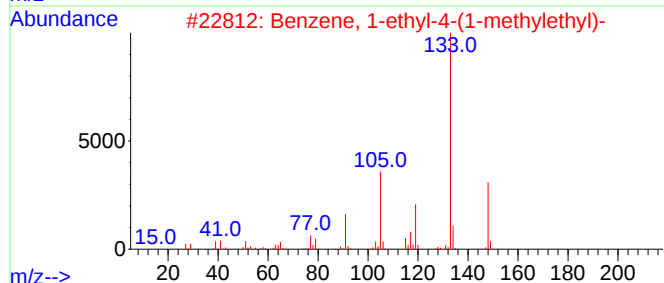
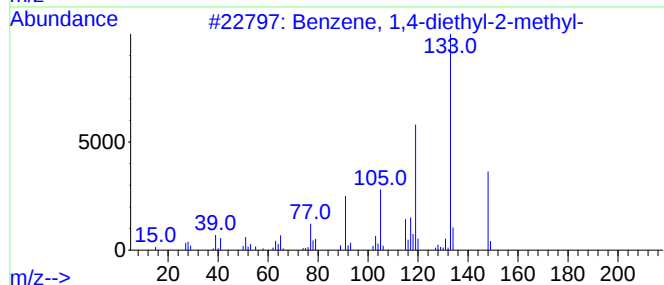
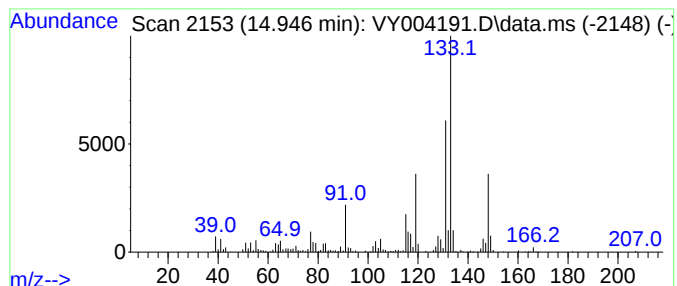
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	17.74 ug/l	382477	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	62
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	52
5			Pyrazine, 2,5-dimethyl-3-(1-prop...	148	C9H12N2	055138-73-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004191.D
Acq On : 24 Mar 2021 17:32
Operator : SY/MD
Sample : M1793-01
Misc : 6.37g/5mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-032421

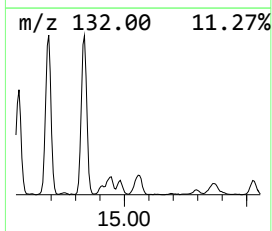
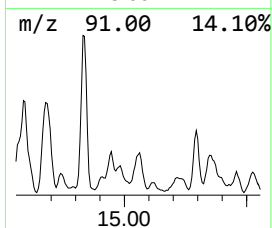
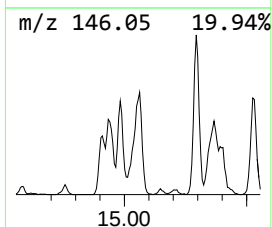
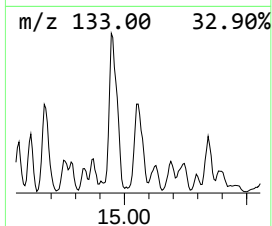
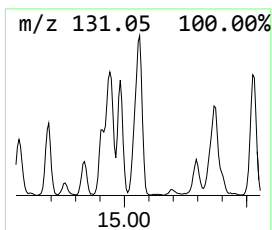
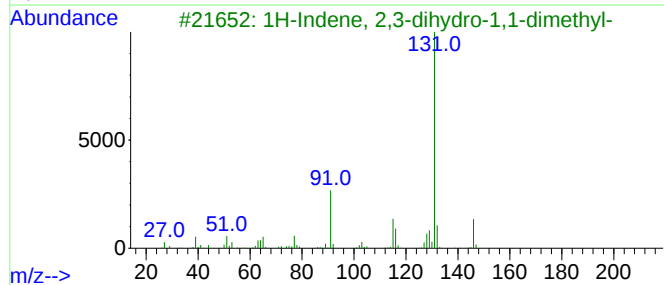
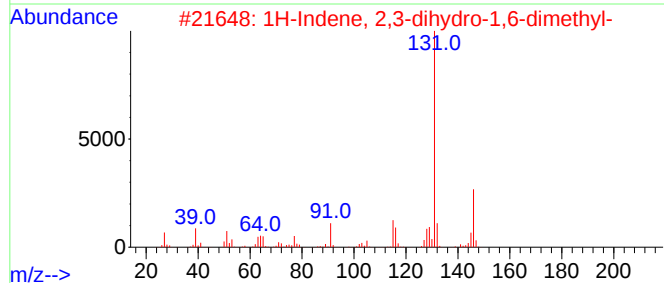
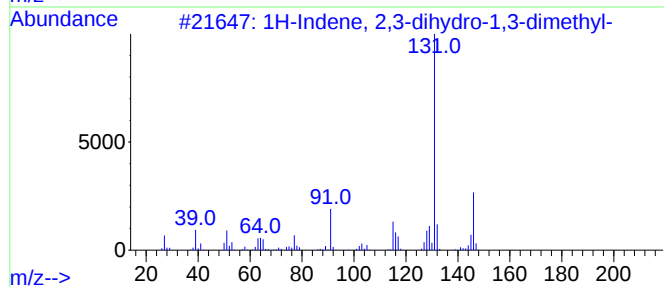
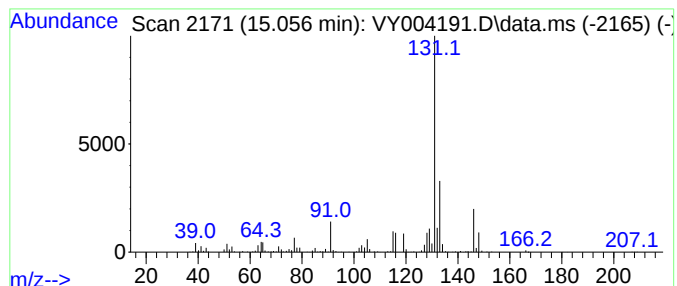
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	19.46 ug/l	419494	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
3			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004191.D
Acq On : 24 Mar 2021 17:32
Operator : SY/MD
Sample : M1793-01
Misc : 6.37g/5mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-032421

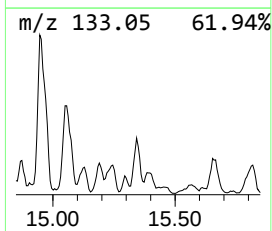
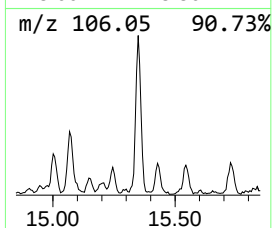
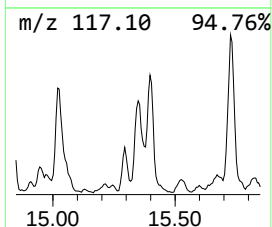
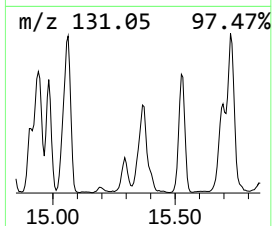
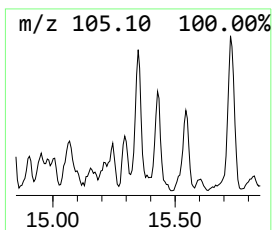
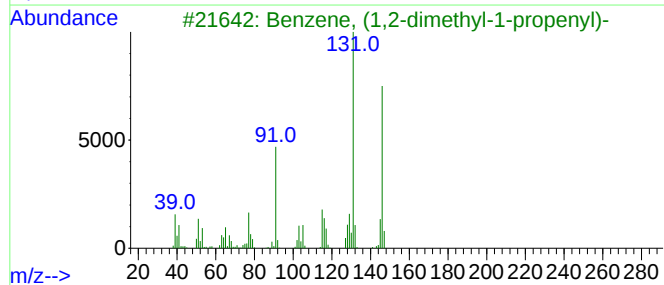
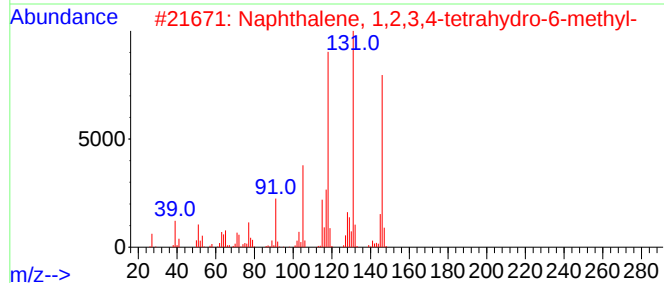
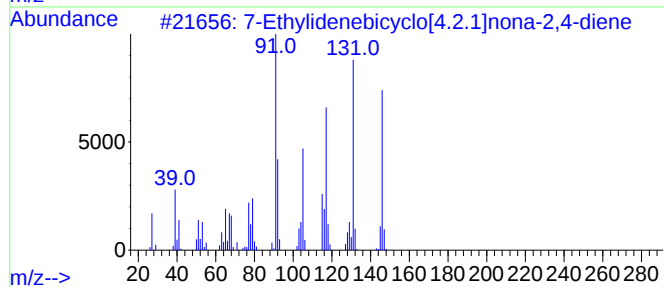
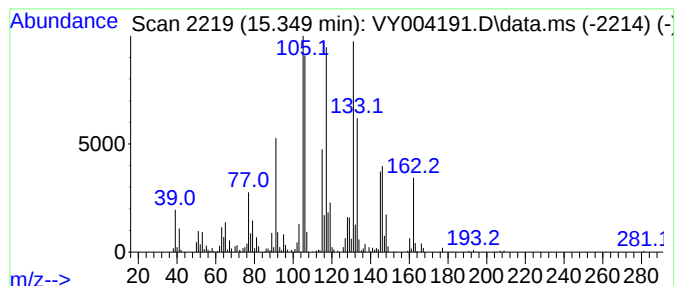
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Quant Title : SW846 8260

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

Peak Number 8 7-Ethylidenebicyclo[4.2.1]n... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	20.94 ug/l	451311	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Ethylidenebicyclo[4.2.1]nona-2...	146	C11H14	094400-10-9	55
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	42
4			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004191.D
Acq On : 24 Mar 2021 17:32
Operator : SY/MD
Sample : M1793-01
Misc : 6.37g/5mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-032421

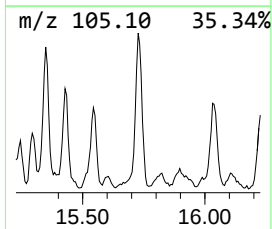
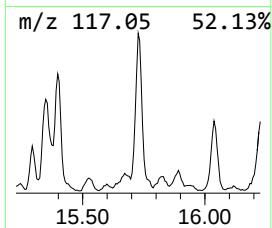
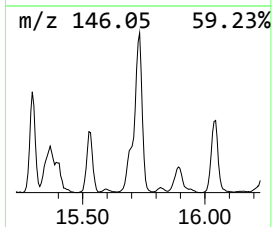
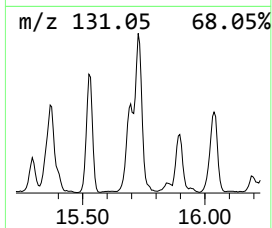
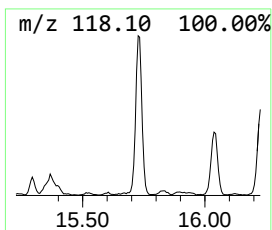
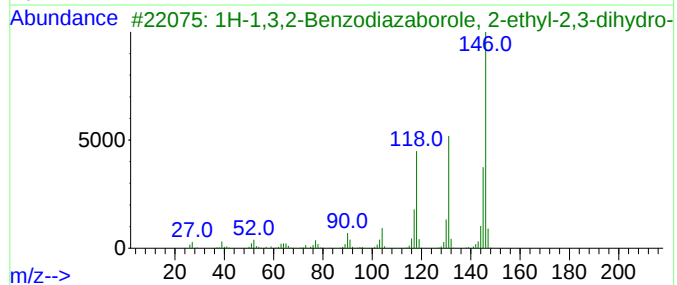
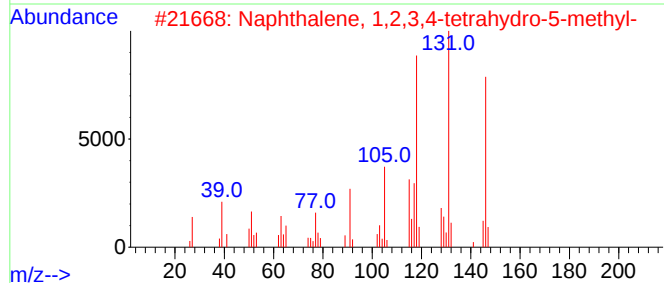
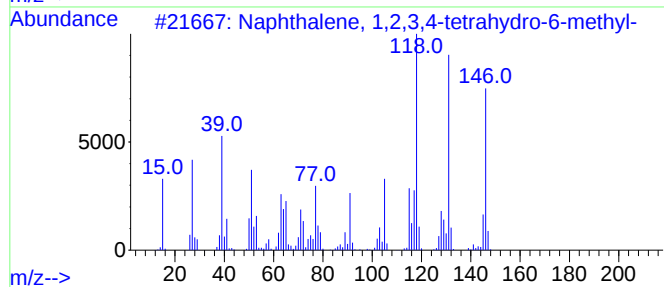
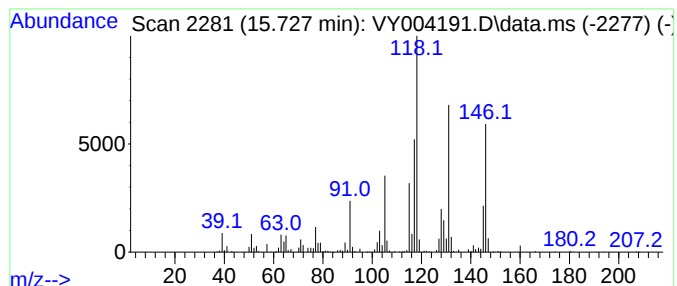
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	28.49 ug/l	614123	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	72
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	50
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	41
5			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004191.D
Acq On : 24 Mar 2021 17:32
Operator : SY/MD
Sample : M1793-01
Misc : 6.37g/5mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-032421

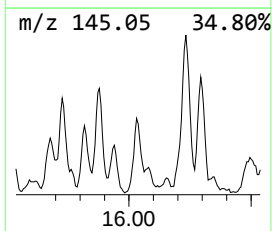
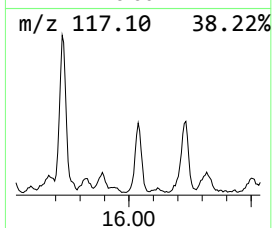
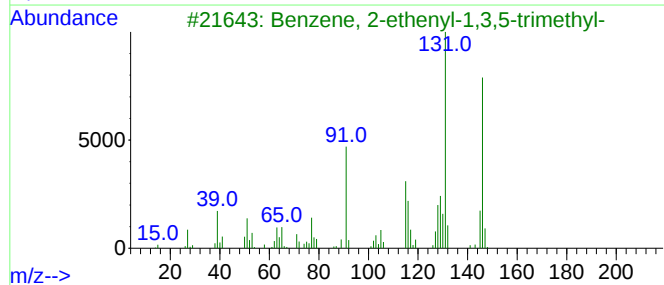
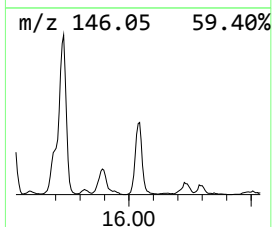
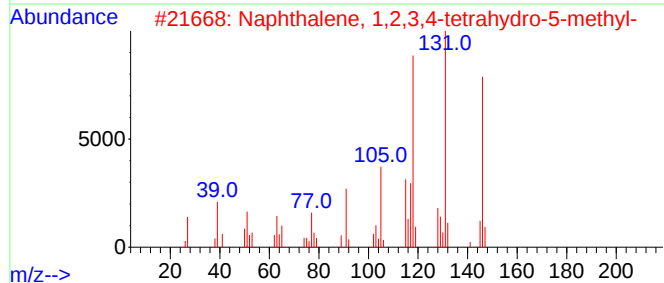
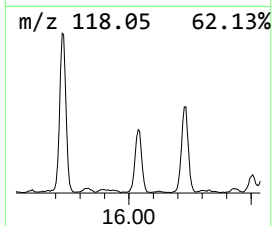
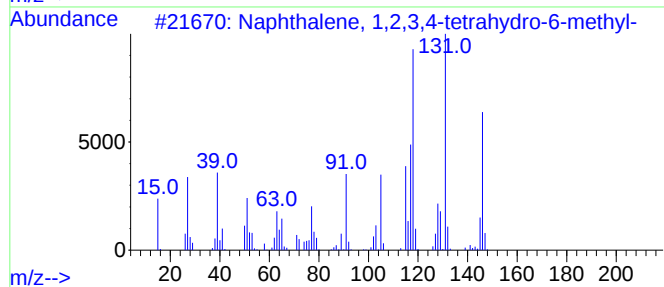
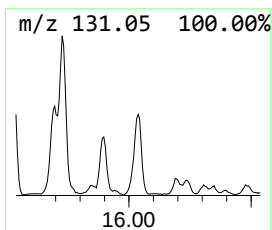
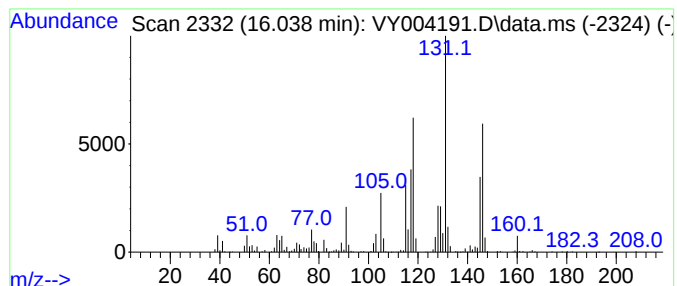
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.038	16.76 ug/l	361143	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	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004191.D
Acq On : 24 Mar 2021 17:32
Operator : SY/MD
Sample : M1793-01
Misc : 6.37g/5mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-032421

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethe...	13.623	19.1	ug/l	412640	4	13.428	1077710	50.0
Benzene, 1-meth...	14.081	17.4	ug/l	375566	4	13.428	1077710	50.0
Benzene, 2-ethe...	14.568	24.7	ug/l	531634	4	13.428	1077710	50.0
3-Phenylbut-1-ene	14.684	53.4	ug/l	1151620	4	13.428	1077710	50.0
Naphthalene, 1,...	14.836	28.3	ug/l	609094	4	13.428	1077710	50.0
Benzene, 1,4-di...	14.946	17.7	ug/l	382477	4	13.428	1077710	50.0
1H-Indene, 2,3-...	15.056	19.5	ug/l	419494	4	13.428	1077710	50.0
7-Ethylidenebic...	15.349	20.9	ug/l	451311	4	13.428	1077710	50.0
Naphthalene, 1,...	15.727	28.5	ug/l	614123	4	13.428	1077710	50.0
Naphthalene, 1,...	16.038	16.8	ug/l	361143	4	13.428	1077710	50.0