

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005953.D
 Acq On : 07 Sep 2021 18:44
 Operator : SY/MD
 Sample : M3668-03
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-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\82Y083121S.M
 Title : SW846 8260

Signal : TIC: VY005953.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.942	18	20	22	rVB	1037	781	1.13%	0.130%
2	2.101	44	46	51	rBV2	510	736	1.06%	0.122%
3	2.241	63	69	71	rBV5	847	1579	2.28%	0.262%
4	2.497	107	111	114	rVB4	618	1060	1.53%	0.176%
5	2.619	129	131	134	rBV2	670	1006	1.46%	0.167%
6	2.662	137	138	142	rVB3	2053	2351	3.40%	0.390%
7	2.698	142	144	147	rVB2	1062	1039	1.50%	0.172%
8	3.259	231	236	241	rVB3	494	868	1.26%	0.144%
9	4.729	468	477	487	rVB4	2628	7634	11.04%	1.267%
10	5.753	639	645	648	rBV4	950	2046	2.96%	0.339%
11	6.984	838	847	852	rBV2	1897	5591	8.09%	0.928%
12	7.509	927	933	937	rBV3	408	864	1.25%	0.143%
13	7.722	961	968	974	rBV2	8234	19384	28.04%	3.216%
14	7.795	974	980	988	rVB	17560	39319	56.87%	6.524%
15	8.149	1027	1038	1046	rVB3	8354	21852	31.61%	3.626%
16	8.697	1120	1128	1137	rVB	24667	48164	69.66%	7.992%
17	9.746	1297	1300	1304	rBV5	776	941	1.36%	0.156%
18	10.179	1364	1371	1379	rBV	38332	67152	97.13%	11.143%
19	10.581	1433	1437	1443	rBV3	880	1435	2.08%	0.238%
20	11.045	1508	1513	1519	rBV6	612	1063	1.54%	0.176%
21	11.319	1553	1558	1564	rVB3	2559	4689	6.78%	0.778%
22	11.490	1580	1586	1595	rBV	34960	58039	83.95%	9.630%
23	11.752	1623	1629	1630	rVB4	645	1052	1.52%	0.175%
24	12.117	1687	1689	1694	rVV5	1867	3696	5.35%	0.613%
25	12.191	1698	1701	1705	rVV4	1728	3533	5.11%	0.586%
26	12.227	1705	1707	1708	rVV2	1227	1002	1.45%	0.166%
27	12.246	1708	1710	1714	rVB5	1166	1494	2.16%	0.248%
28	12.489	1741	1750	1757	rBV2	37602	69138	100.00%	11.472%
29	12.648	1773	1776	1779	rVV3	785	1275	1.84%	0.212%
30	12.812	1801	1803	1806	rVB4	957	728	1.05%	0.121%
31	12.953	1824	1826	1830	rVV4	1027	1212	1.75%	0.201%
32	13.001	1830	1834	1837	rVV5	732	1020	1.48%	0.169%
33	13.044	1837	1841	1847	rBV7	818	2013	2.91%	0.334%
34	13.184	1857	1864	1867	rBV6	2133	4222	6.11%	0.701%
35	13.251	1870	1875	1876	rVB5	729	1108	1.60%	0.184%
36	13.288	1879	1881	1883	rBV3	1284	1462	2.11%	0.243%

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37	13.422	1895	1903	1910	rBV	31702	51983	75.19%	8.626%
38	13.562	1918	1926	1927	rBV6	795	1753	2.54%	0.291%
39	13.636	1935	1938	1941	rVB5	662	973	1.41%	0.161%
40	13.678	1941	1945	1946	rBV4	1046	1311	1.90%	0.218%
41	13.703	1946	1949	1951	rVB3	834	970	1.40%	0.161%
42	13.745	1952	1956	1962	rBV8	3004	5932	8.58%	0.984%
43	13.849	1969	1973	1974	rBV4	952	1402	2.03%	0.233%
44	13.934	1984	1987	1988	rBV3	839	841	1.22%	0.140%
45	13.965	1988	1992	1997	rVB3	5168	8526	12.33%	1.415%
46	14.074	2005	2010	2016	rBV8	2237	4692	6.79%	0.779%
47	14.135	2016	2020	2022	rBV5	1464	2043	2.95%	0.339%
48	14.263	2035	2041	2044	rBV6	3897	8565	12.39%	1.421%
49	14.379	2056	2060	2062	rVB4	2410	2599	3.76%	0.431%
50	14.422	2062	2067	2070	rBV7	2081	3213	4.65%	0.533%
51	14.477	2074	2076	2079	rVB3	1379	1716	2.48%	0.285%
52	14.538	2085	2086	2089	rBV3	1072	944	1.37%	0.157%
53	14.617	2094	2099	2102	rBV5	2778	4844	7.01%	0.804%
54	14.678	2104	2109	2114	rVV6	6011	10604	15.34%	1.760%
55	14.745	2114	2120	2124	rVB5	4420	9109	13.18%	1.511%
56	14.788	2124	2127	2128	rBV3	1650	1509	2.18%	0.250%
57	14.910	2143	2147	2149	rBV4	2156	2665	3.85%	0.442%
58	14.940	2149	2152	2156	rVV3	5967	7902	11.43%	1.311%
59	14.995	2157	2161	2163	rVV5	1851	2830	4.09%	0.470%
60	15.056	2166	2171	2176	rBV5	5118	10950	15.84%	1.817%
61	15.214	2192	2197	2203	rBV9	5326	10457	15.12%	1.735%
62	15.294	2206	2210	2213	rBV4	5161	7497	10.84%	1.244%
63	15.525	2243	2248	2249	rBV5	3888	6130	8.87%	1.017%
64	15.599	2258	2260	2267	rVB8	2790	4749	6.87%	0.788%
65	15.647	2267	2268	2269	rBV	2046	1435	2.08%	0.238%
66	15.812	2293	2295	2299	rVB5	3028	3126	4.52%	0.519%
67	15.885	2303	2307	2312	rVB6	4170	7575	10.96%	1.257%
68	16.031	2325	2331	2337	rBV10	5689	11846	17.13%	1.966%
69	16.074	2337	2338	2340	rVB2	1513	1041	1.51%	0.173%
70	16.153	2348	2351	2353	rBV4	2357	2987	4.32%	0.496%
71	16.233	2360	2364	2370	rVB8	5320	9739	14.09%	1.616%
72	16.275	2370	2371	2372	rBV	1371	886	1.28%	0.147%
73	16.422	2394	2395	2398	rBV3	1258	952	1.38%	0.158%
74	16.476	2398	2404	2406	rBV7	3270	5820	8.42%	0.966%

Sum of corrected areas: 602664

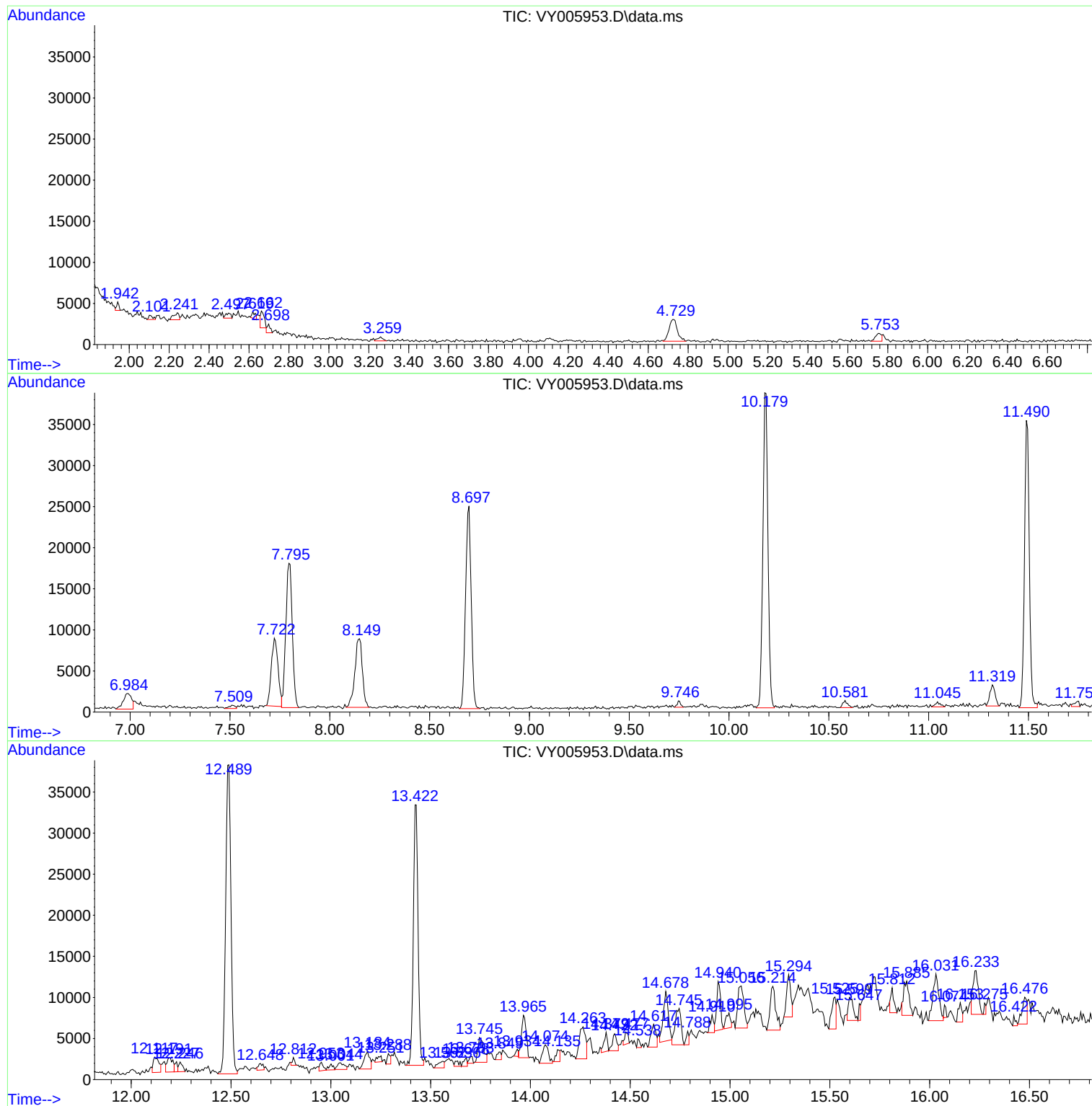
Instrument :
MSVOA_Y
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260

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



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Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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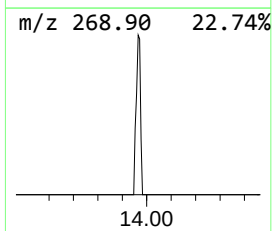
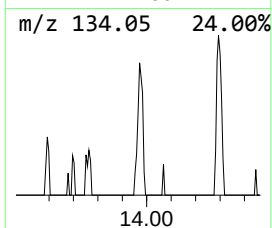
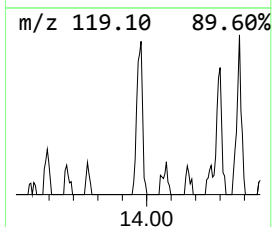
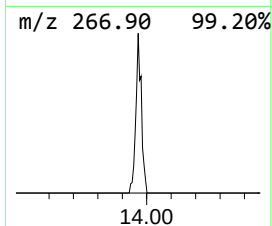
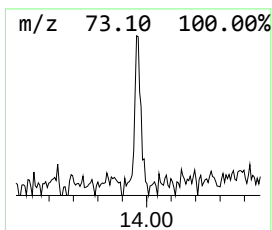
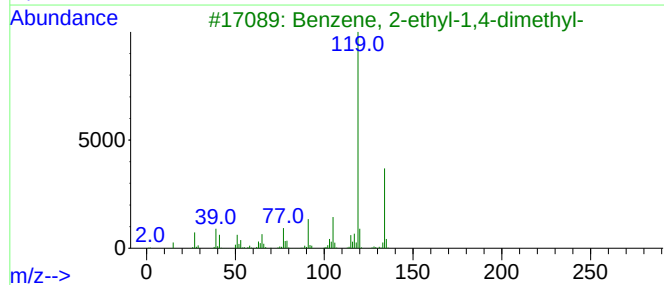
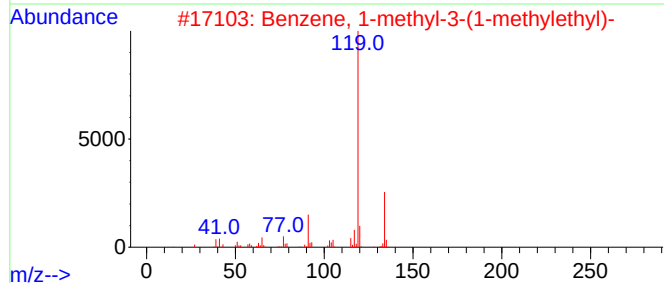
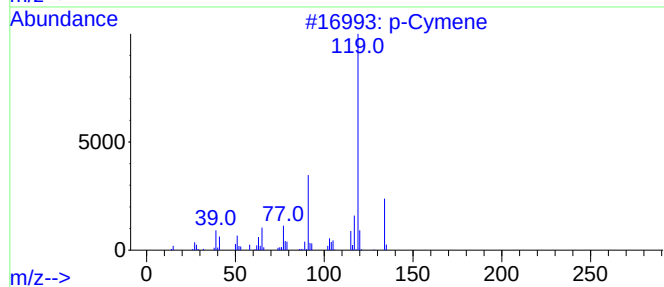
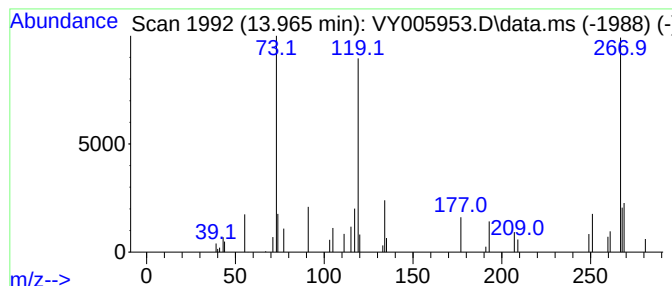
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown13.965 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	8.20 ug/l	8526	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	30
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	25
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	25
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	25



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Instrument :
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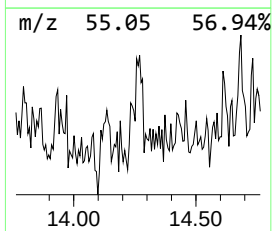
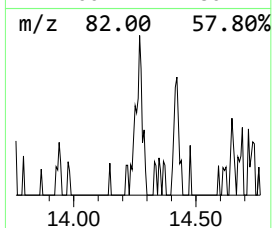
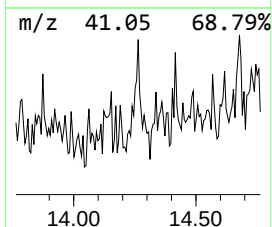
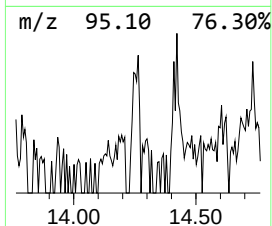
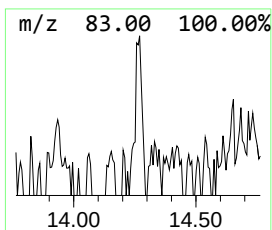
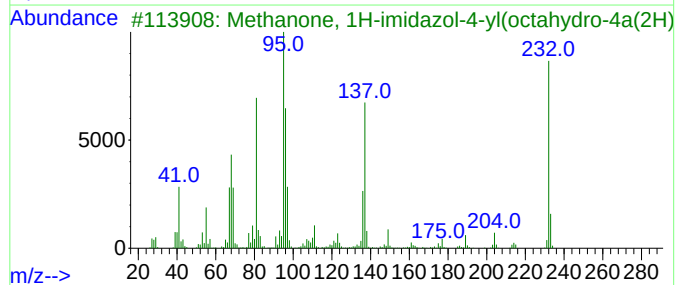
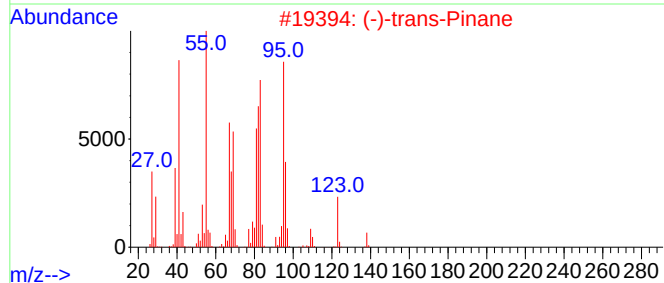
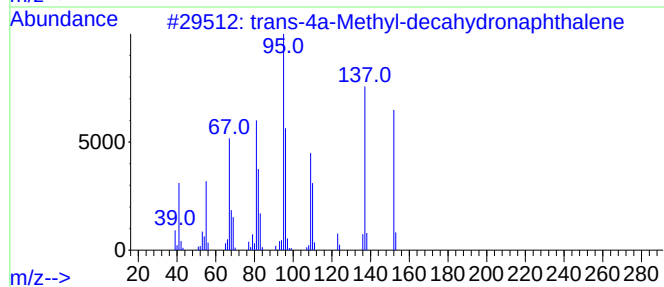
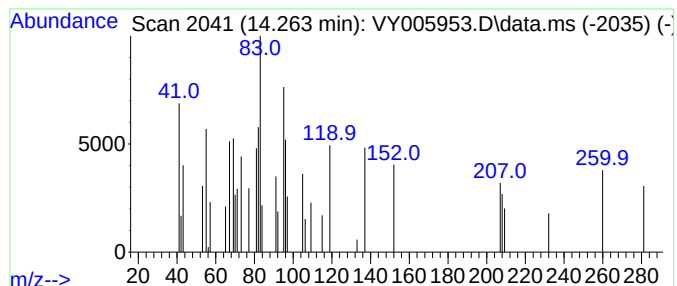
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown14.263 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	8.24 ug/l	8565	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	35
2			(-)-trans-Pinane	138	C10H18	033626-25-4	35
3			Methanone, 1H-imidazol-4-yl(octa...	232	C14H20N2O	069393-47-1	27
4			Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	25
5			1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	25



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Instrument :
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ClientSampleId :
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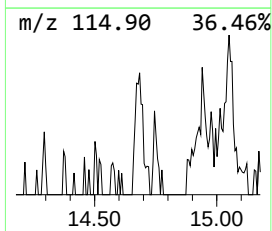
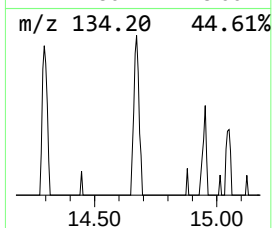
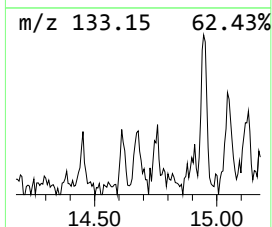
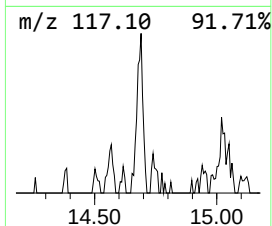
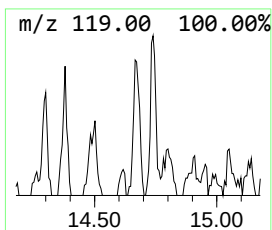
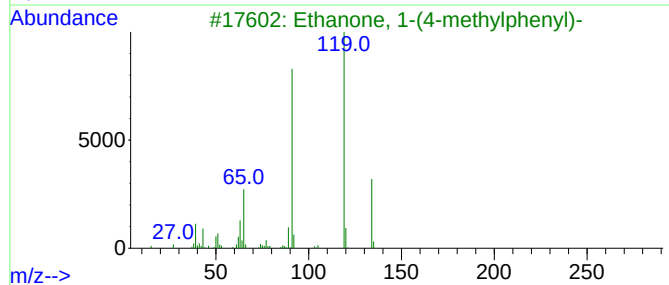
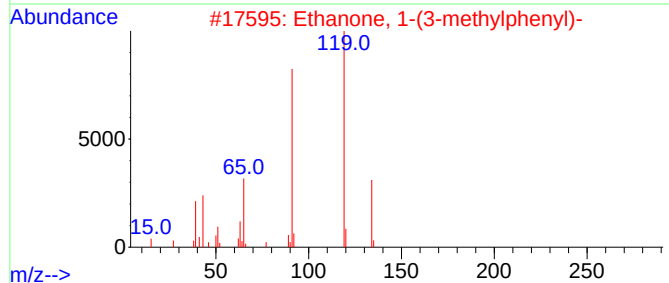
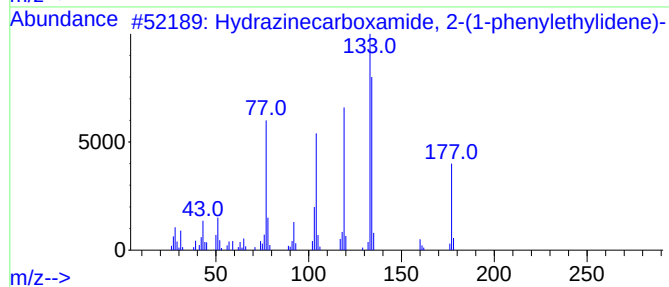
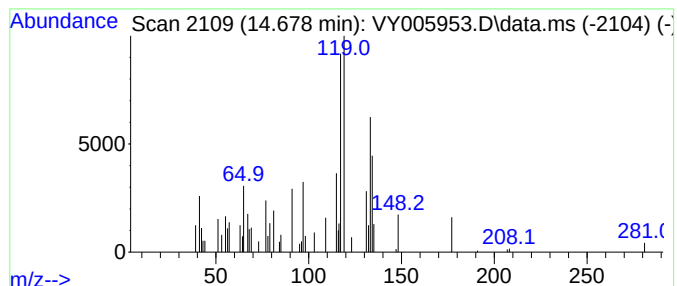
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Quant Title : SW846 8260

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

Peak Number 3 unknown14.678 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	10.20 ug/l	10604	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrazinecarboxamide, 2-(1-pheny...	177	C9H11N3O	002492-30-0	25
2			Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	22
3			Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	22
4			Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	22
5			1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	20



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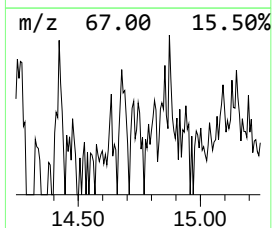
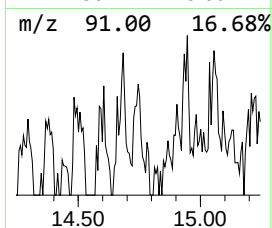
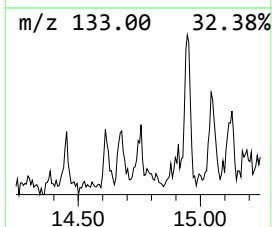
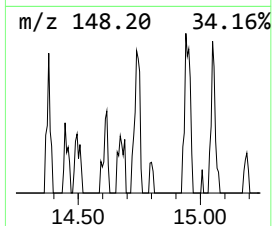
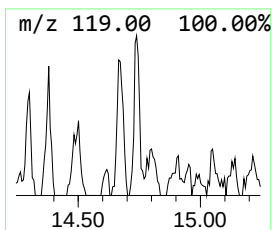
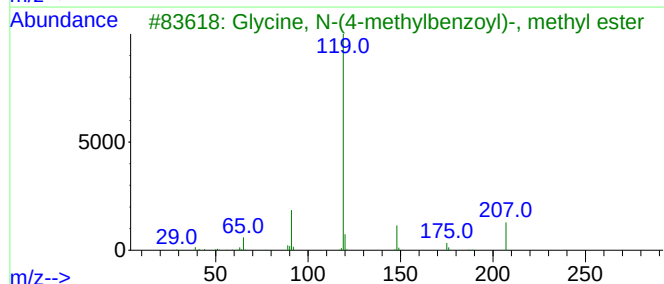
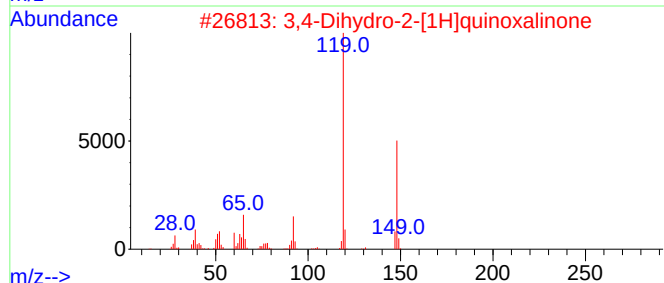
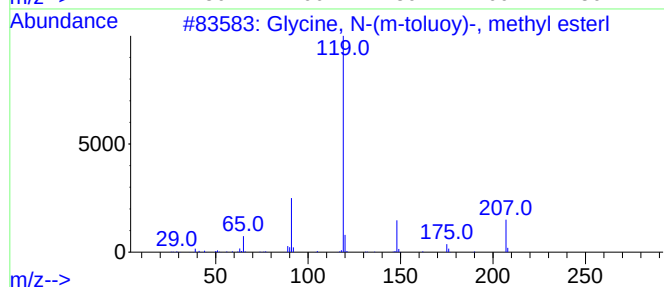
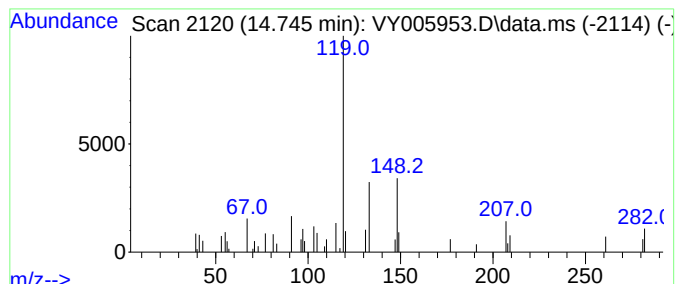
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.745 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	8.76 ug/l	9109	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Glycine, N-(m-toluoy)-, methyl e...	207	C11H13NO3	1000299-63-8	38
2			3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	37
3			Glycine, N-(4-methylbenzoyl)-, m...	207	C11H13NO3	001208-23-7	37
4			Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	35
5			Benzamide, 4-methyl-N-(2-butyl)-...	261	C17H27NO	1000464-11-7	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
Data File : VY005953.D
Acq On : 07 Sep 2021 18:44
Operator : SY/MD
Sample : M3668-03
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

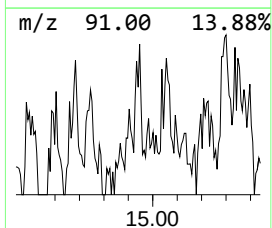
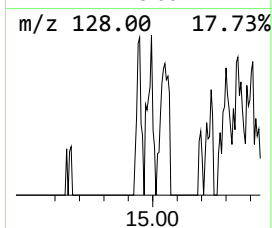
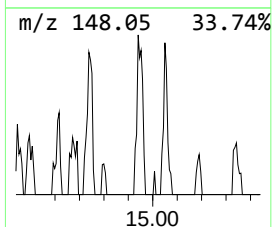
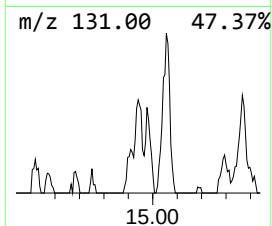
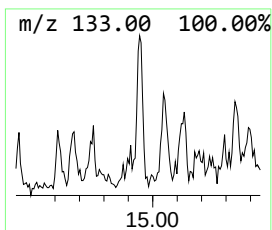
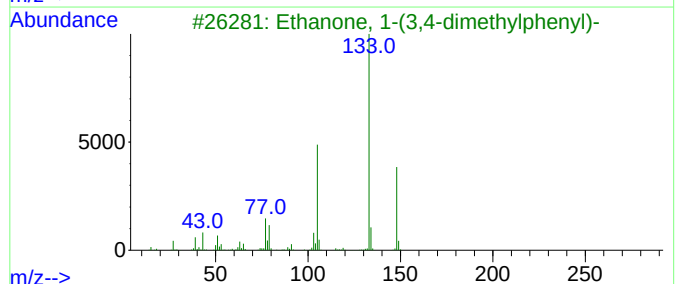
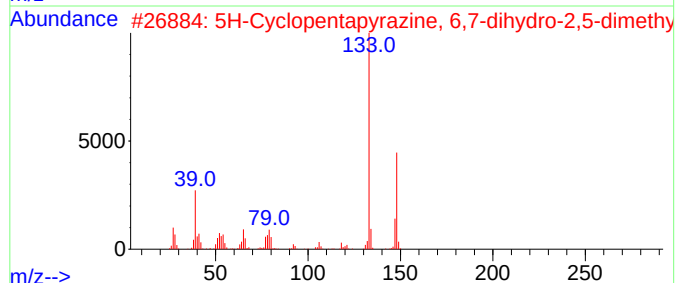
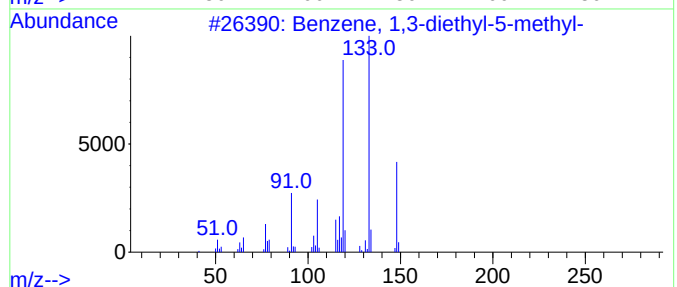
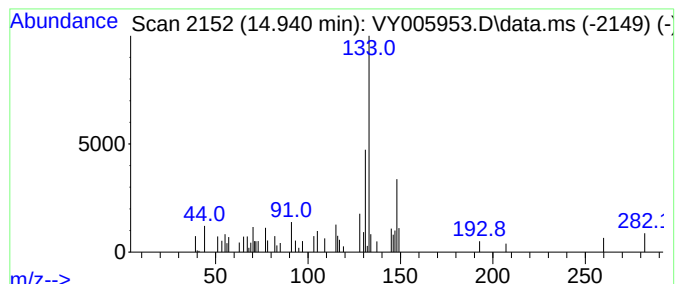
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.940 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	7.60 ug/l	7902	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
2			5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	46
3			Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	43
4			Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	43
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
Data File : VY005953.D
Acq On : 07 Sep 2021 18:44
Operator : SY/MD
Sample : M3668-03
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

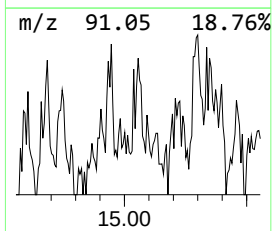
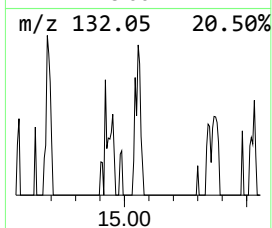
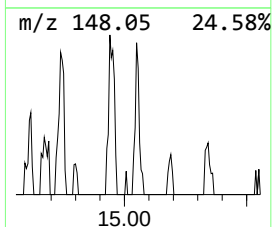
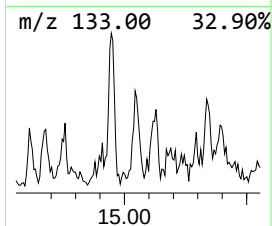
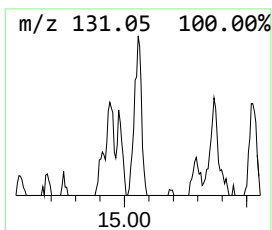
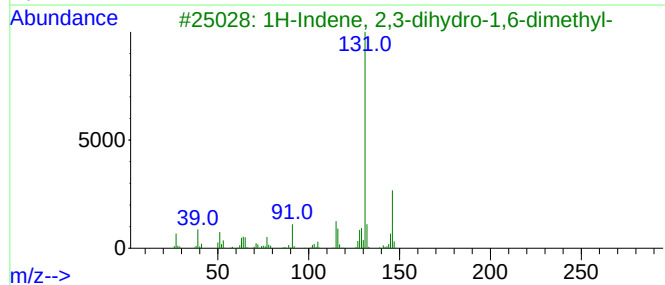
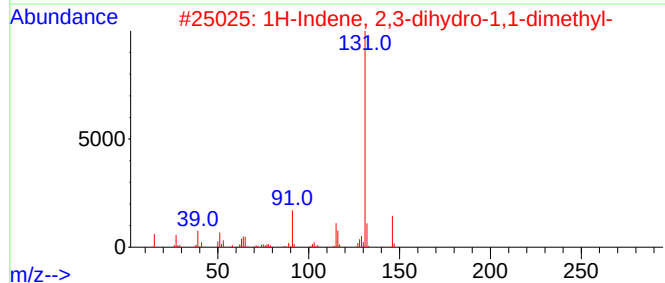
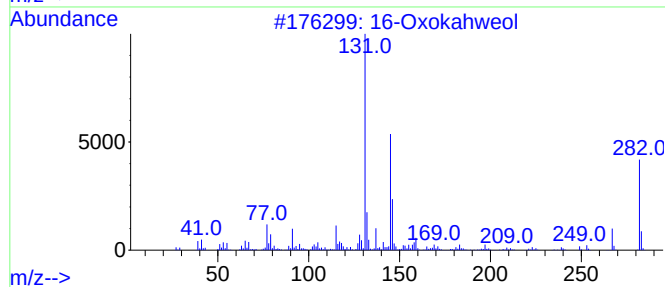
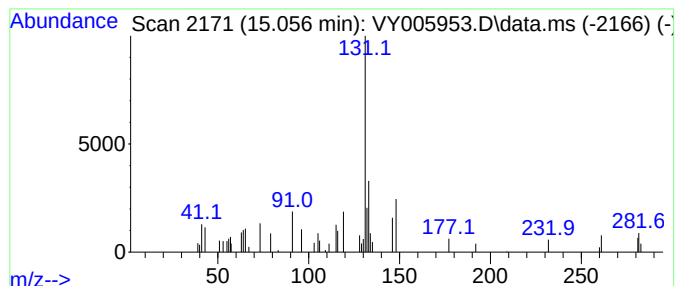
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Quant Title : SW846 8260

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

Peak Number 6 unknown15.056 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	10.53 ug/l	10950	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Oxokahweol			282	C19H22O2	108664-99-9	47
2	1H-Indene, 2,3-dihydro-1,1-dimet...			146	C11H14	004912-92-9	46
3	1H-Indene, 2,3-dihydro-1,6-dimet...			146	C11H14	017059-48-2	46
4	Bicyclo[4.2.0]octa-1,3,5-triene,...			146	C11H14	027087-54-3	43
5	2H-Tetrazole-2-acetic acid, 5-ph...			232	C11H12N4O2	021054-65-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
Data File : VY005953.D
Acq On : 07 Sep 2021 18:44
Operator : SY/MD
Sample : M3668-03
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

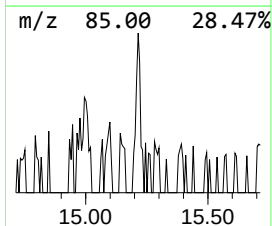
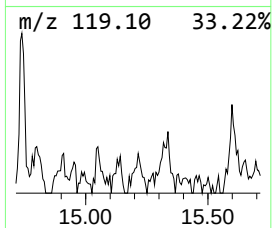
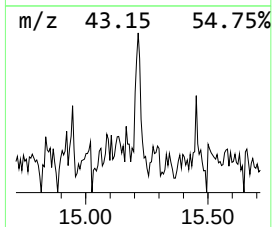
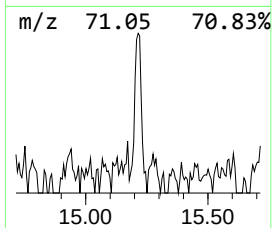
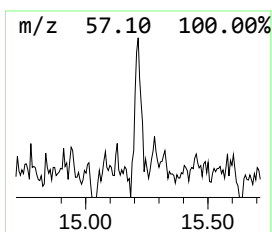
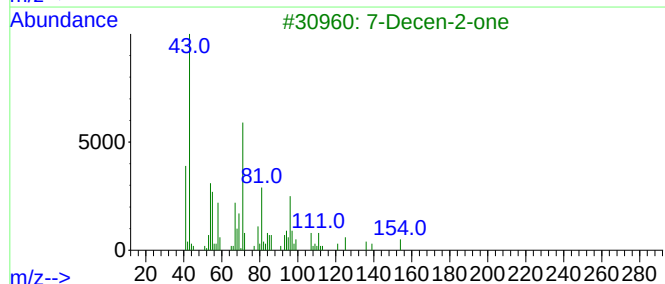
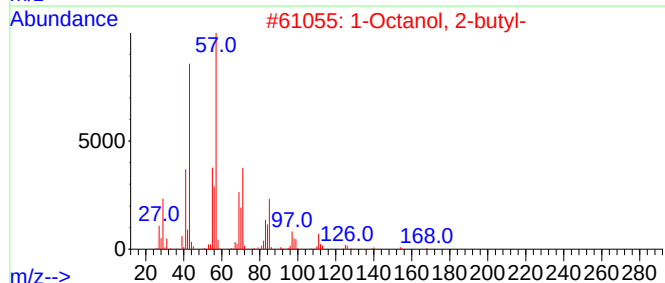
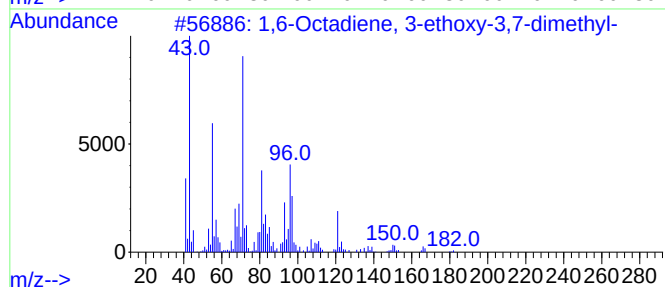
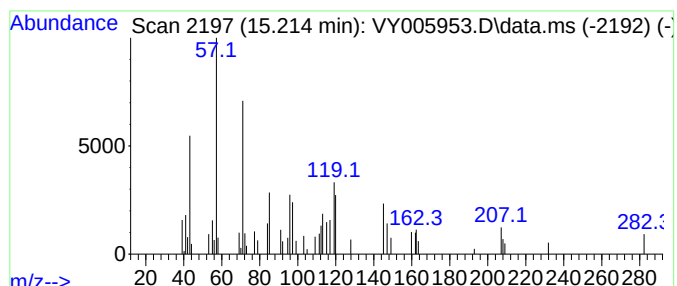
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.214 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	10.06 ug/l	10457	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,6-Octadiene, 3-ethoxy-3,7-dime...	182	C12H22O	072845-33-1	27
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	22
3			7-Decen-2-one	154	C10H18O	035194-33-3	22
4			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	18
5			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
Data File : VY005953.D
Acq On : 07 Sep 2021 18:44
Operator : SY/MD
Sample : M3668-03
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
SP-1A

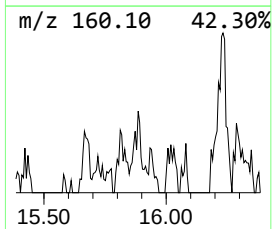
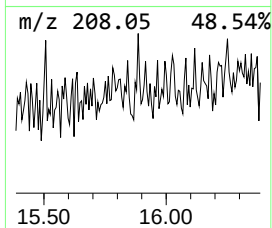
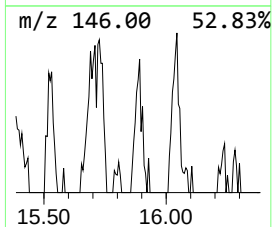
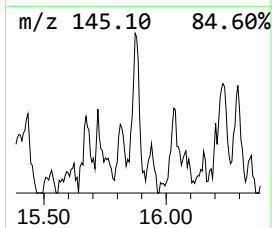
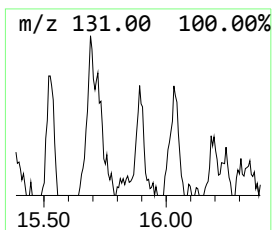
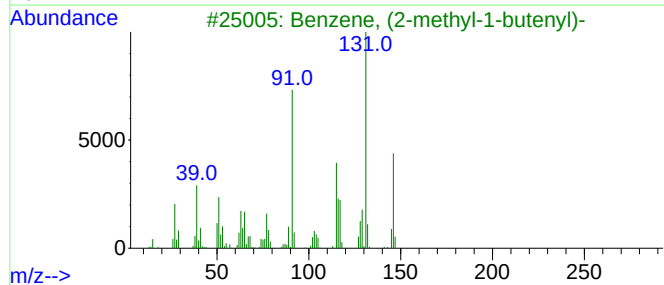
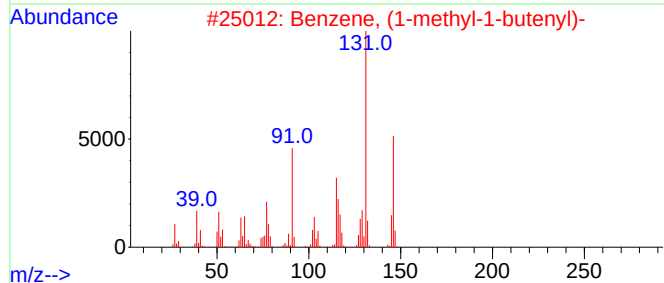
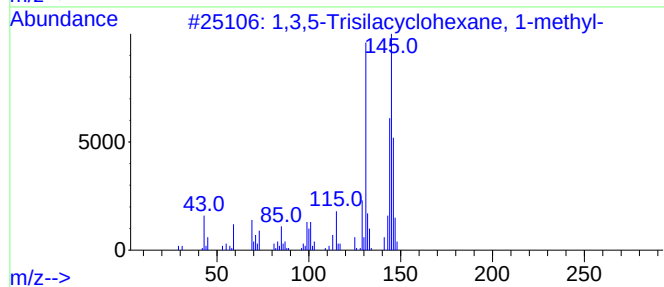
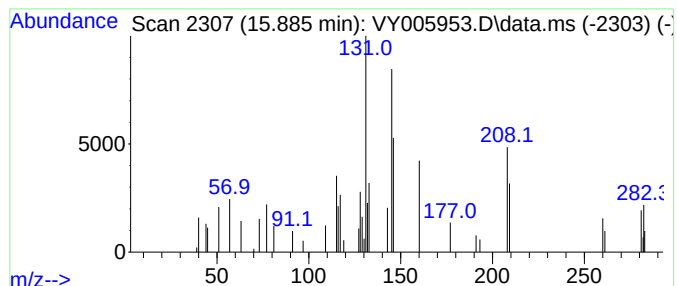
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.885 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.885	7.29 ug/l	7575	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Trisilacyclohexane, 1-methyl-	146	C4H14Si3	018148-11-3	43
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	30
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	25
5			Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
Data File : VY005953.D
Acq On : 07 Sep 2021 18:44
Operator : SY/MD
Sample : M3668-03
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
SP-1A

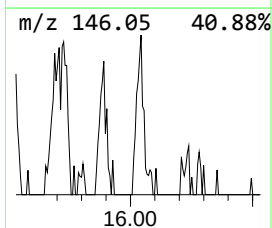
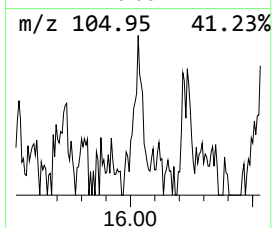
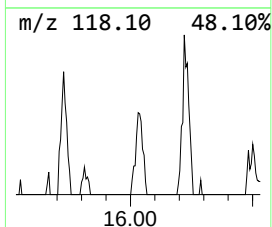
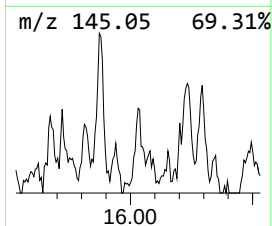
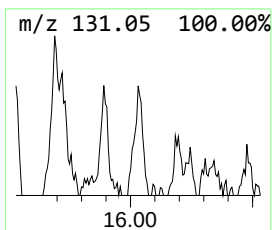
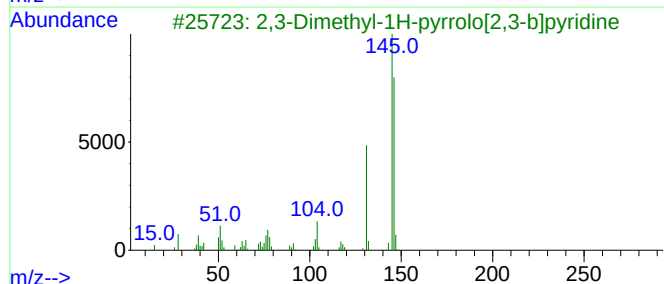
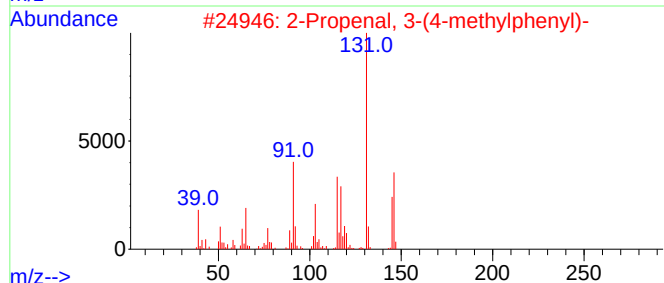
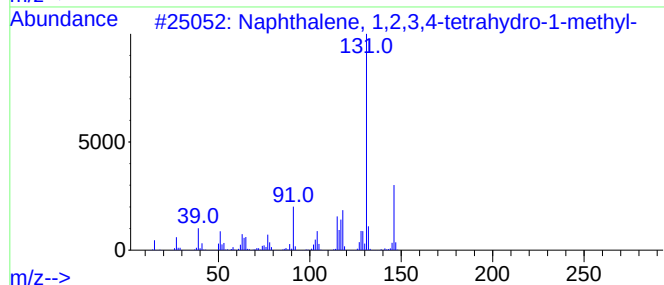
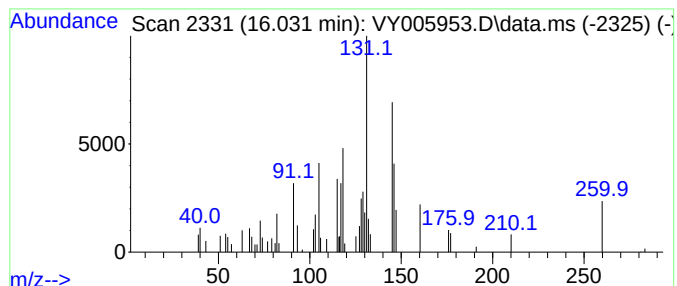
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Quant Title : SW846 8260

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

Peak Number 9 unknown16.031 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	11.39 ug/l	11846	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	43
2			2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	43
3			2,3-Dimethyl-1H-pyrrolo[2,3-b]py...	146	C9H10N2	010299-69-1	38
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY0090721\
Data File : VY005953.D
Acq On : 07 Sep 2021 18:44
Operator : SY/MD
Sample : M3668-03
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

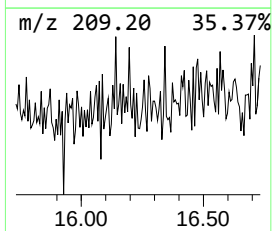
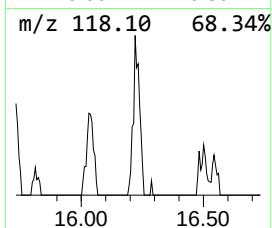
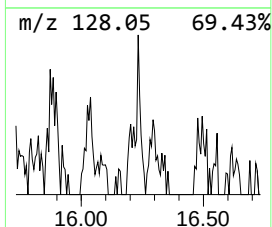
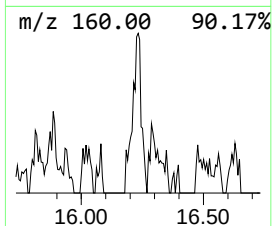
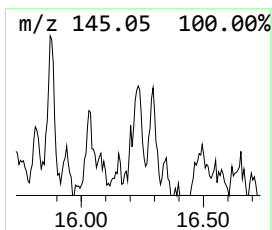
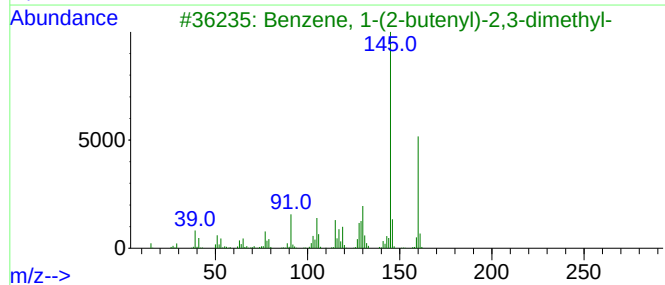
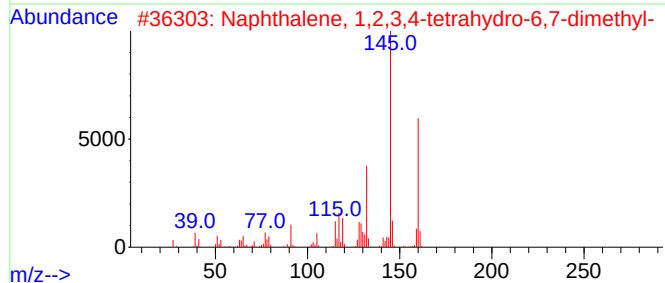
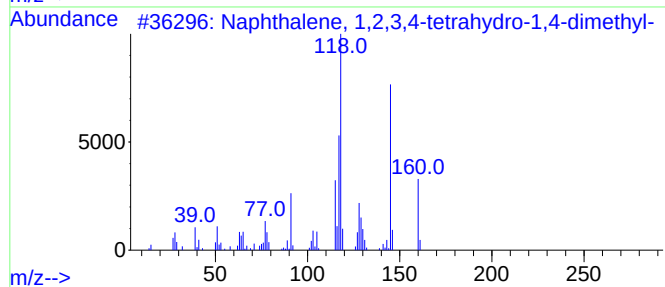
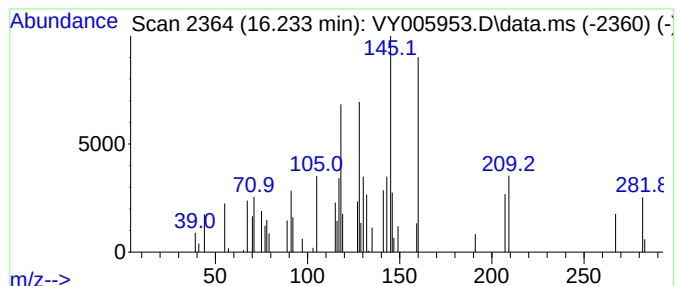
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Quant Title : SW846 8260

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

Peak Number 10 unknown16.233 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	9.37 ug/l	9739	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	47
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	43
3			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	43
5			(5R,10S)-6,10-Dimethyl-2-(prop-1...	202	C15H22	051196-11-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
Data File : VY005953.D
Acq On : 07 Sep 2021 18:44
Operator : SY/MD
Sample : M3668-03
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260

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

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unknown14.678	14.678	10.2	ug/l	10604	4	13.428	51983	50.0
unknown14.745	14.745	8.8	ug/l	9109	4	13.428	51983	50.0
unknown14.940	14.940	7.6	ug/l	7902	4	13.428	51983	50.0
unknown15.056	15.056	10.5	ug/l	10950	4	13.428	51983	50.0
unknown15.214	15.214	10.1	ug/l	10457	4	13.428	51983	50.0
unknown15.885	15.885	7.3	ug/l	7575	4	13.428	51983	50.0
unknown16.031	16.031	11.4	ug/l	11846	4	13.428	51983	50.0
unknown16.233	16.233	9.4	ug/l	9739	4	13.428	51983	50.0