

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006793.D
 Acq On : 17 Nov 2021 17:06
 Operator : SY/MD
 Sample : M4659-01
 Misc : 7.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HB-2-(6-6.5)-11-10-21

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\82Y111521S.M
 Title : SW846 8260

Signal : TIC: VY006793.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.728	960	969	974	rBV	87617	213036	1.01%	0.125%
2	7.795	974	980	989	rVB	149884	328152	1.55%	0.193%
3	8.149	1029	1038	1049	rVB	112027	244310	1.15%	0.143%
4	8.697	1118	1128	1140	rBV	237708	477649	2.26%	0.280%
5	10.185	1365	1372	1383	rVB	408761	712383	3.37%	0.418%
6	10.484	1410	1421	1425	rBV	160968	334381	1.58%	0.196%
7	10.807	1469	1474	1481	rVB2	241990	460488	2.18%	0.270%
8	10.904	1481	1490	1497	rBV	211488	538737	2.55%	0.316%
9	10.977	1497	1502	1505	rBV	145787	240528	1.14%	0.141%
10	11.093	1513	1521	1525	rBV3	206801	448443	2.12%	0.263%
11	11.148	1525	1530	1534	rVV	338347	601215	2.84%	0.353%
12	11.301	1550	1555	1564	rVB	434819	860124	4.06%	0.505%
13	11.422	1564	1575	1579	rBV2	130686	331308	1.57%	0.194%
14	11.490	1580	1586	1590	rBV3	401159	725059	3.43%	0.426%
15	11.630	1604	1609	1613	rBV	175442	255886	1.21%	0.150%
16	11.691	1613	1619	1625	rBV	743043	1542901	7.29%	0.906%
17	11.758	1625	1630	1638	rVB6	356229	916565	4.33%	0.538%
18	11.843	1638	1644	1648	rBV2	585621	1192907	5.64%	0.700%
19	11.898	1650	1653	1657	rVB2	344537	522897	2.47%	0.307%
20	11.941	1657	1660	1663	rBV	227723	272091	1.29%	0.160%
21	12.002	1663	1670	1676	rBV4	1134079	2985962	14.11%	1.753%
22	12.063	1676	1680	1682	rBV	484130	673029	3.18%	0.395%
23	12.093	1682	1685	1687	rBV	366528	430714	2.04%	0.253%
24	12.124	1687	1690	1694	rVB	868685	1233456	5.83%	0.724%
25	12.166	1694	1697	1699	rBV	260177	355650	1.68%	0.209%
26	12.209	1699	1704	1707	rBV4	1916566	3913154	18.49%	2.297%
27	12.313	1713	1721	1728	rBV7	1075877	3048872	14.41%	1.790%
28	12.392	1728	1734	1737	rBV5	462364	833815	3.94%	0.489%
29	12.428	1737	1740	1744	rVB	455798	634596	3.00%	0.372%
30	12.483	1744	1749	1754	rVB4	981553	1755058	8.29%	1.030%
31	12.575	1754	1764	1768	rBV6	1446665	4180536	19.75%	2.454%
32	12.648	1772	1776	1782	rVB5	1390979	2827413	13.36%	1.660%
33	12.733	1782	1790	1797	rBV5	2250557	6503486	30.73%	3.817%
34	12.806	1797	1802	1804	rBV4	1488219	2825469	13.35%	1.658%
35	12.843	1805	1808	1817	rVB5	1973407	4124080	19.49%	2.421%
36	12.953	1822	1826	1830	rVB4	1735446	2463643	11.64%	1.446%

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37	12.989	1830	1832	1835	rBV	470570	634942	3.00%	0.373%
38	13.069	1838	1845	1852	rBV5	1819705	4960825	23.44%	2.912%
39	13.136	1852	1856	1858	rBV2	1446334	1933066	9.13%	1.135%
40	13.172	1858	1862	1868	rBV2	2278377	3922491	18.53%	2.302%
41	13.227	1869	1871	1873	rVV	625930	563292	2.66%	0.331%
42	13.300	1879	1883	1889	rVB4	2124988	3695083	17.46%	2.169%
43	13.355	1889	1892	1896	rBV2	1509062	2170578	10.26%	1.274%
44	13.501	1912	1916	1918	rBV2	948148	1461288	6.90%	0.858%
45	13.568	1924	1927	1931	rVB4	1576343	2264397	10.70%	1.329%
46	13.611	1931	1934	1938	rVB4	1142552	1476911	6.98%	0.867%
47	13.696	1943	1948	1950	rBV4	1712862	3063204	14.47%	1.798%
48	13.751	1950	1957	1963	rVB5	5375165	10528410	49.75%	6.180%
49	13.818	1964	1968	1971	rBV4	1886705	3196532	15.10%	1.876%
50	13.940	1982	1988	1991	rBV5	2209620	5215005	24.64%	3.061%
51	14.074	2007	2010	2015	rVB2	1841528	2678733	12.66%	1.572%
52	14.148	2015	2022	2028	rBV5	3400202	7829335	36.99%	4.595%
53	14.202	2028	2031	2036	rVB4	1869074	2936921	13.88%	1.724%
54	14.257	2036	2040	2048	rBV3	11111944	21163770	100.00%	12.422%
55	14.373	2056	2059	2061	rBV2	1247547	1787957	8.45%	1.049%
56	14.428	2064	2068	2072	rVB	10993355	15020236	70.97%	8.816%
57	14.550	2085	2088	2091	rBV2	1236867	1481293	7.00%	0.869%
58	14.623	2097	2100	2104	rVB4	1664198	2131950	10.07%	1.251%
59	14.739	2115	2119	2126	rVB4	3593131	5897479	27.87%	3.462%
60	14.855	2134	2138	2140	rBV	2096678	3099510	14.65%	1.819%
61	15.007	2158	2163	2166	rBV	1214281	2194287	10.37%	1.288%
62	15.123	2179	2182	2192	rVB4	1807566	3735914	17.65%	2.193%
63	15.275	2202	2207	2216	rBV6	1289959	3395530	16.04%	1.993%
64	15.446	2231	2235	2241	rBV4	285102	574429	2.71%	0.337%
65	15.605	2257	2261	2268	rVB4	667605	1349159	6.37%	0.792%

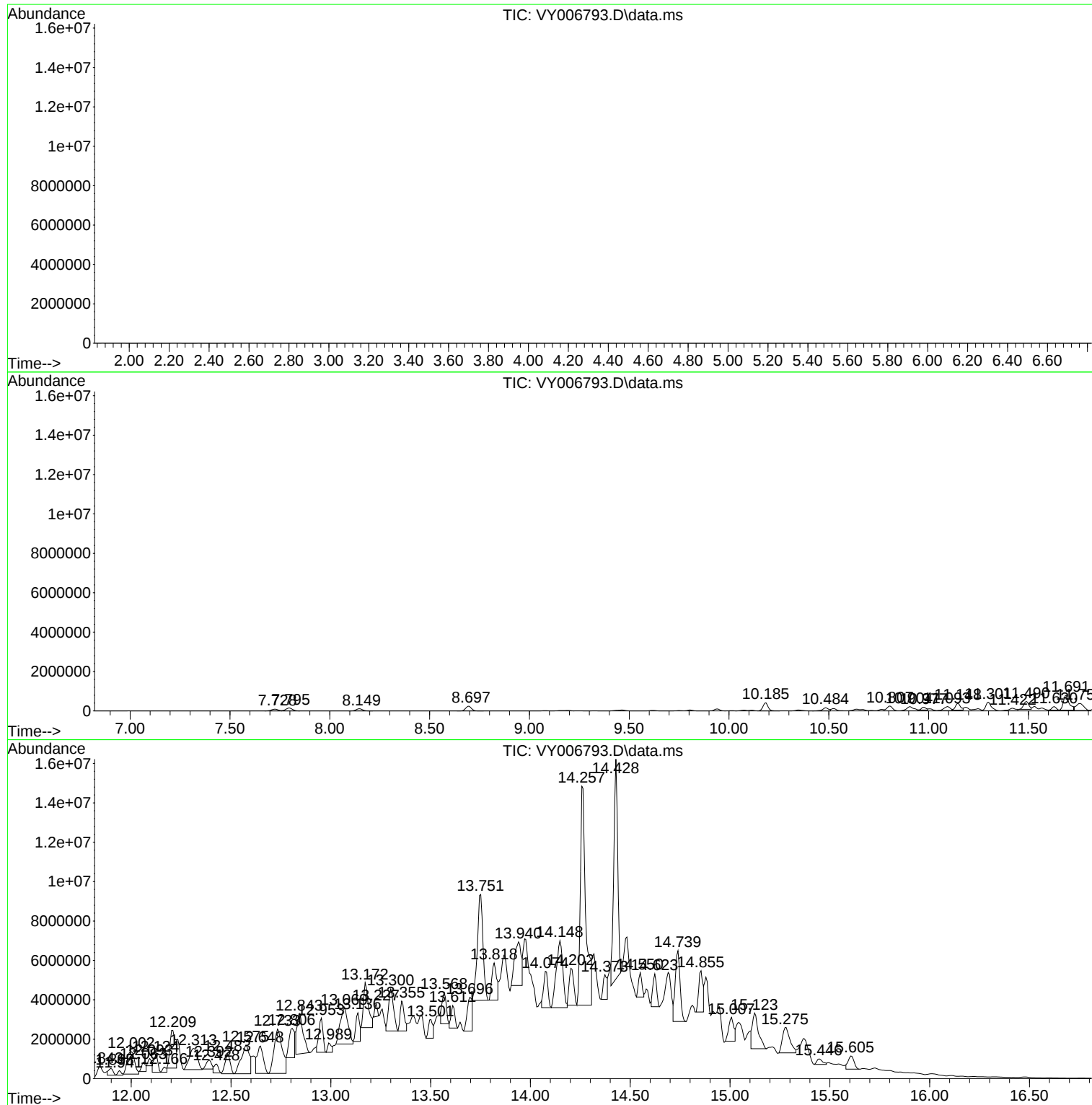
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

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



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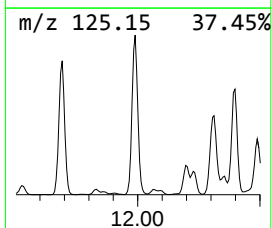
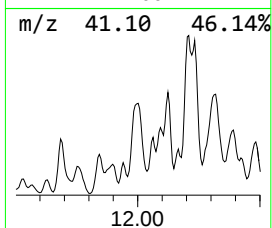
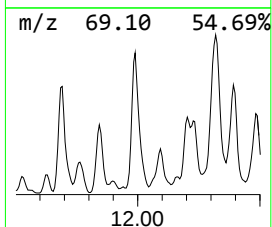
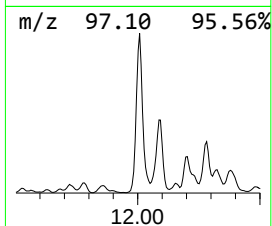
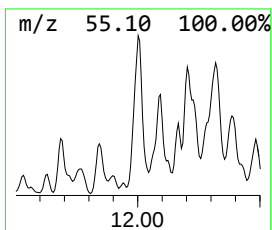
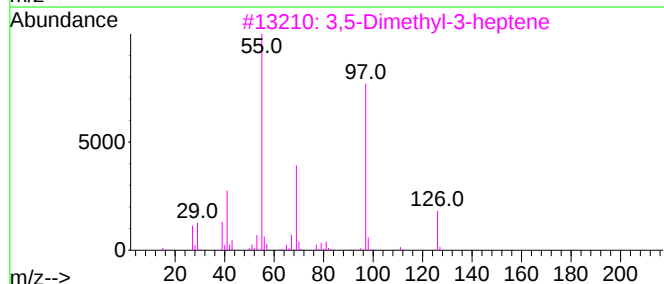
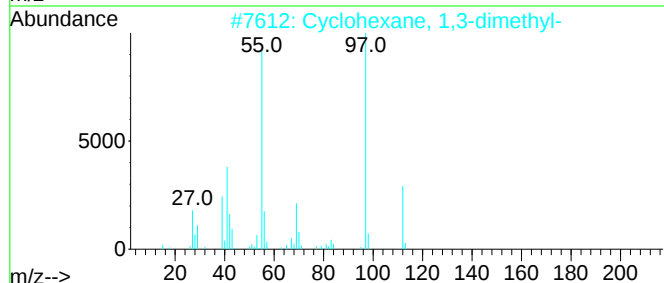
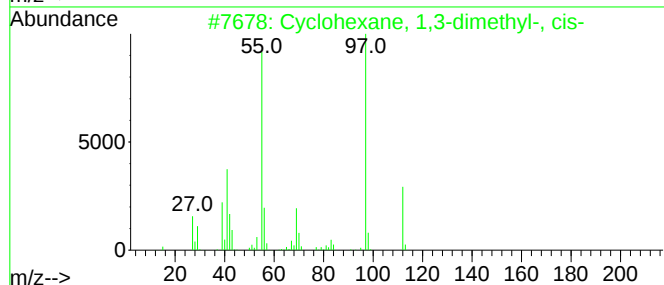
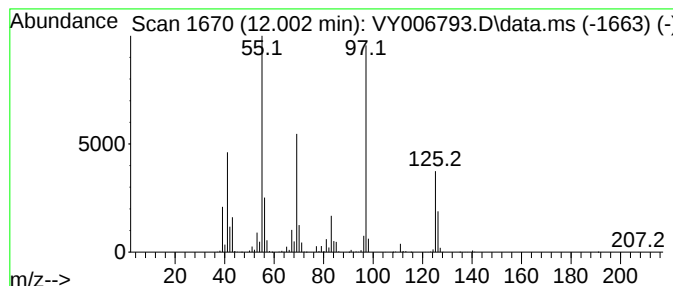
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.002	205.91 ug/l	2985960	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
2			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	64
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	62
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58



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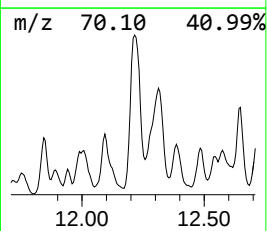
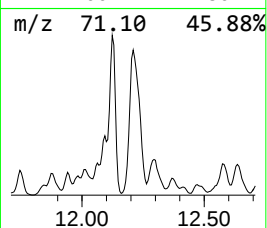
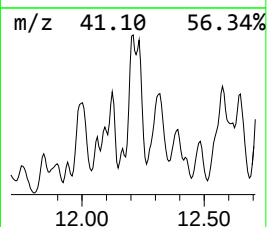
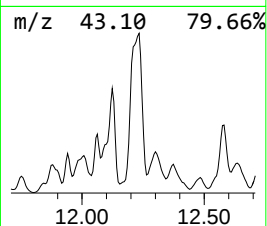
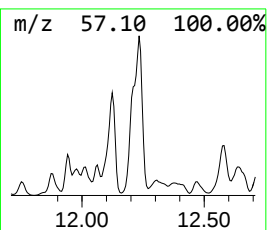
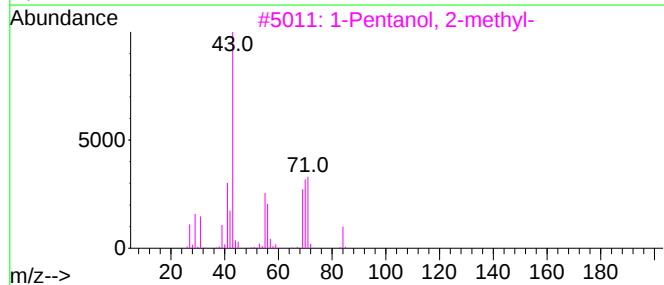
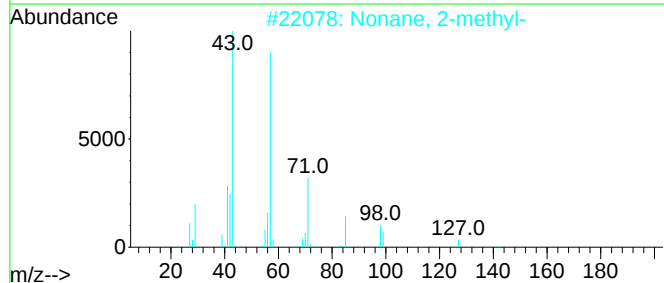
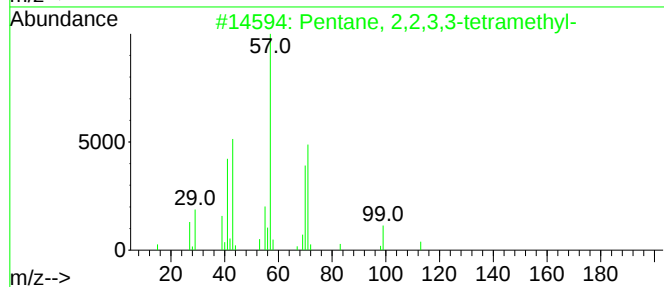
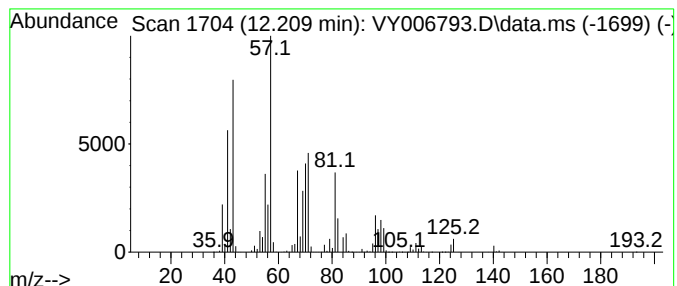
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 2,2,3,3-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.209	269.85 ug/l	3913150	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
2			Nonane, 2-methyl-	142	C10H22	000871-83-0	46
3			1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	46
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
5			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	43



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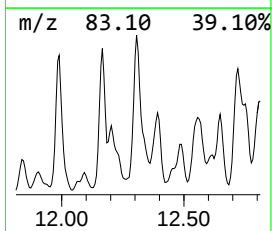
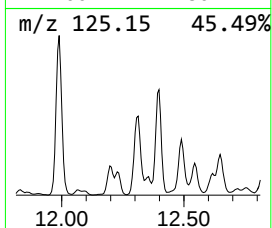
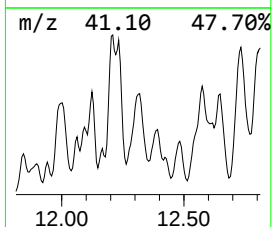
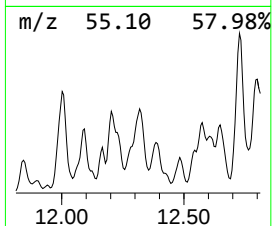
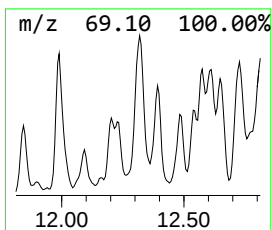
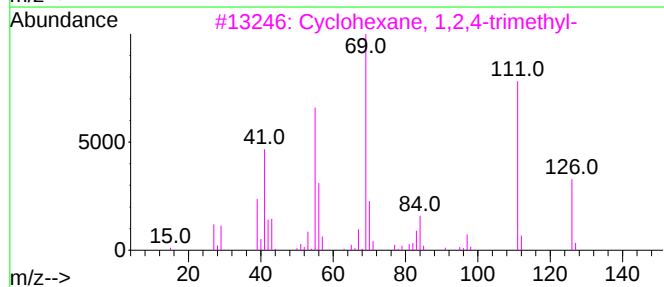
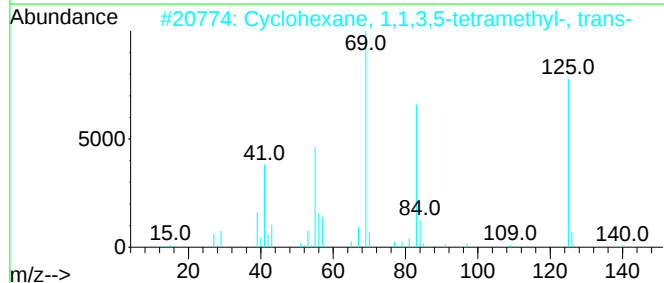
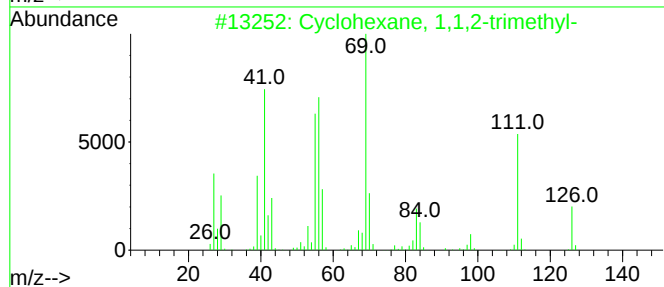
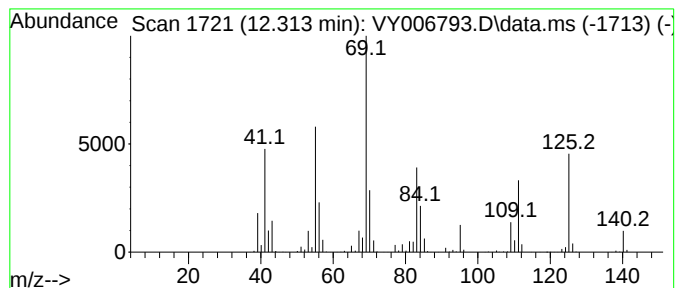
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Peak Number 3 unknown12.313 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.313	210.25 ug/l	3048870	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4			3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	38
5			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	38



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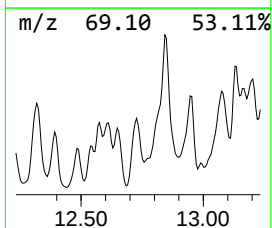
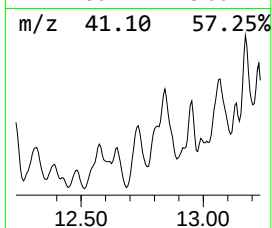
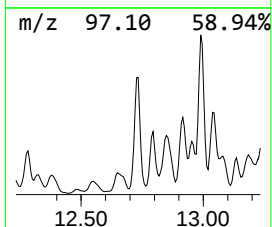
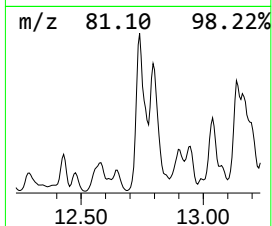
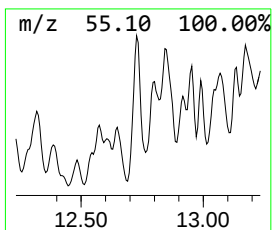
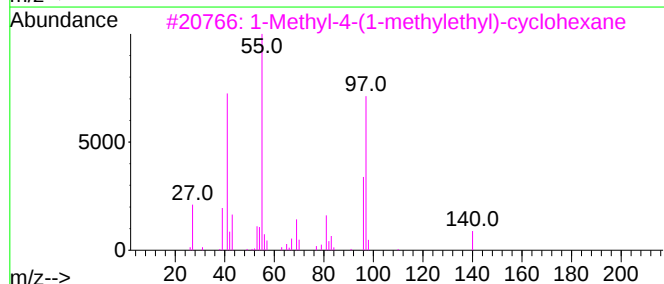
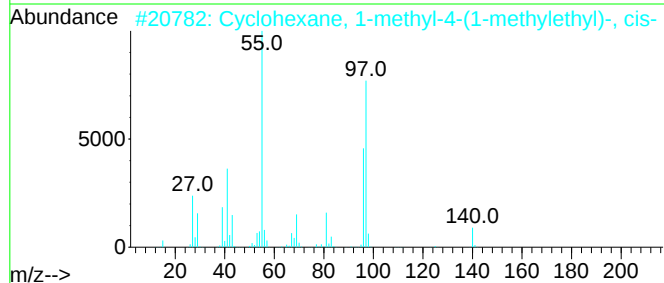
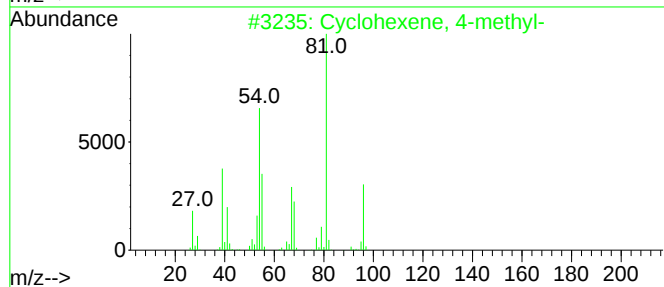
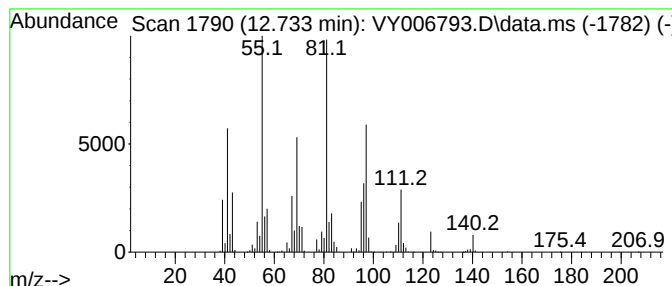
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Peak Number 4 unknown12.733 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	149.81 ug/l	6503490	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	30
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	30
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	30
5			2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
Data File : VY006793.D
Acq On : 17 Nov 2021 17:06
Operator : SY/MD
Sample : M4659-01
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HB-2-(6-6.5)-11-10-21

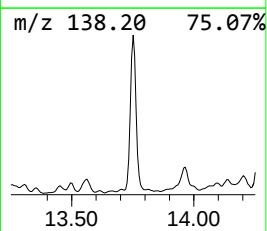
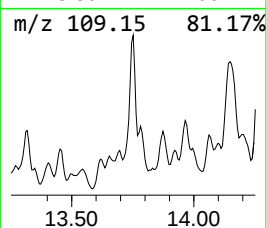
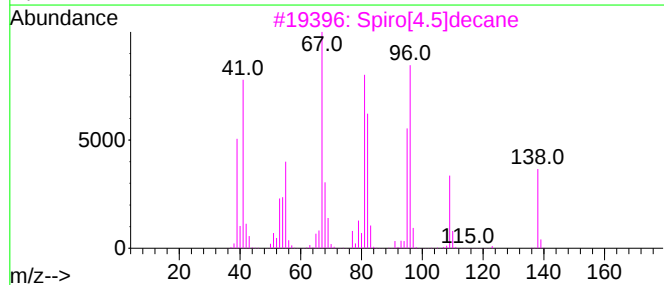
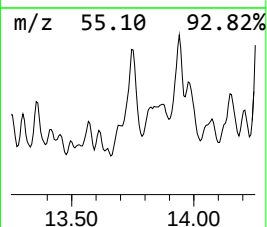
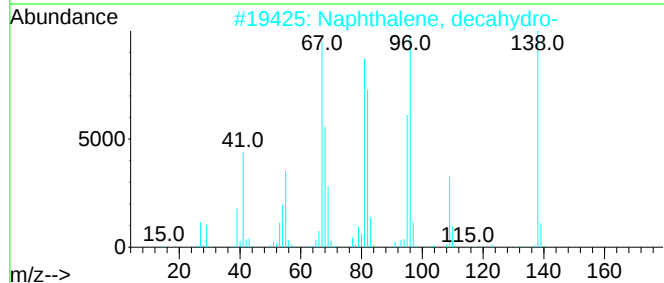
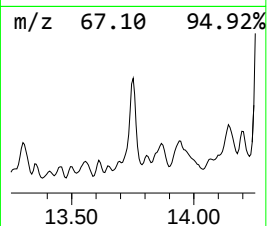
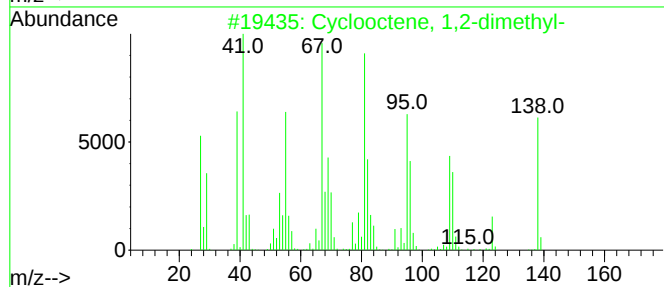
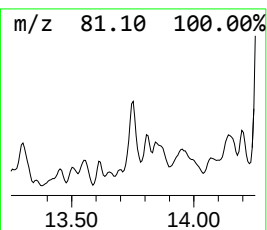
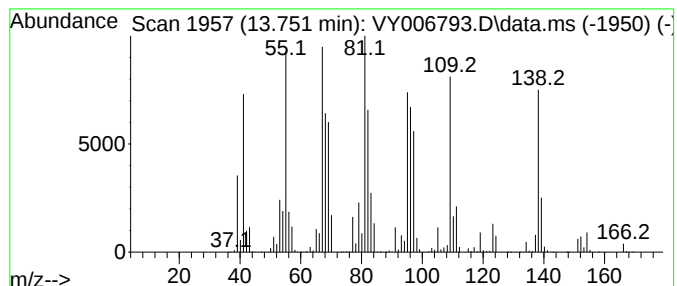
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Quant Title : SW846 8260

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

Peak Number 5 Cyclooctene, 1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	242.53 ug/l	10528400	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	76
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	70
3			Spiro[4.5]decane	138	C10H18	000176-63-6	68
4			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	64
5			Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
Data File : VY006793.D
Acq On : 17 Nov 2021 17:06
Operator : SY/MD
Sample : M4659-01
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HB-2-(6-6.5)-11-10-21

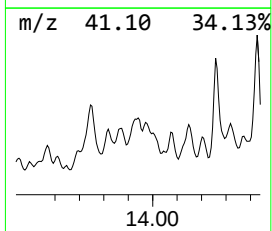
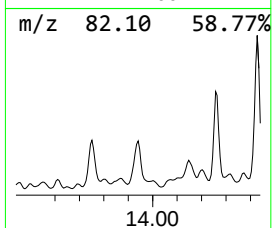
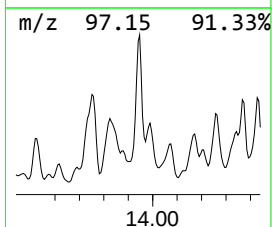
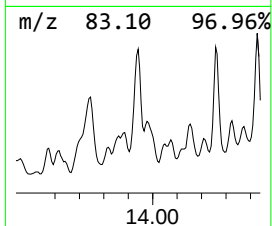
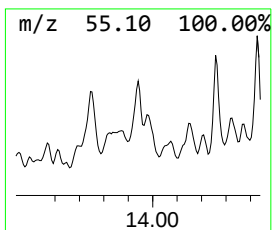
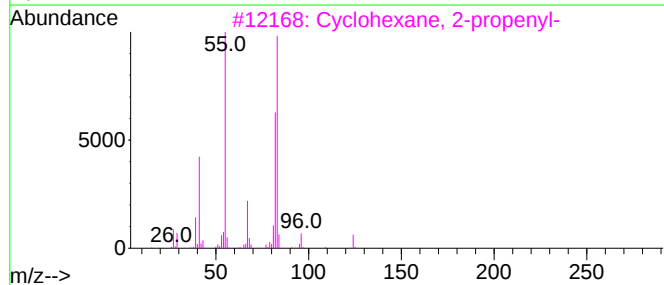
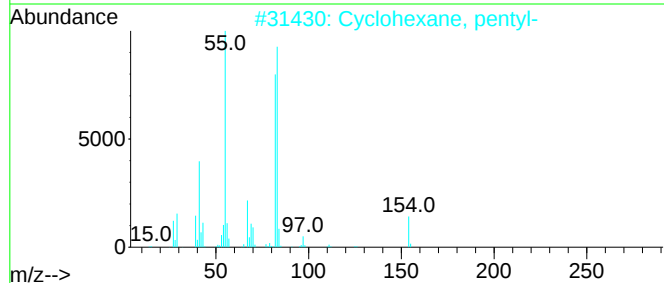
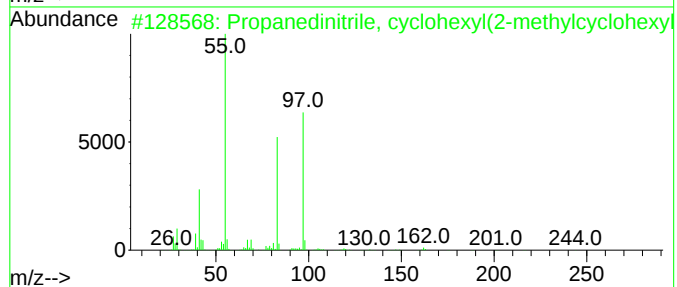
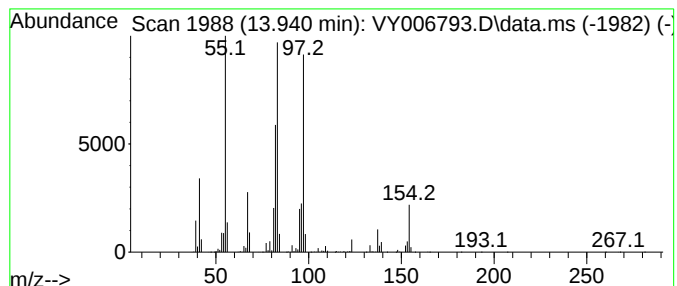
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Quant Title : SW846 8260

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

Peak Number 6 unknown13.940 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.940	120.13 ug/l	5215010	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	47
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
Data File : VY006793.D
Acq On : 17 Nov 2021 17:06
Operator : SY/MD
Sample : M4659-01
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HB-2-(6-6.5)-11-10-21

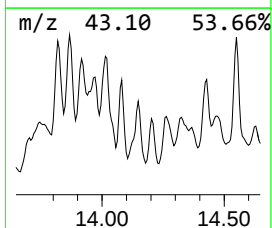
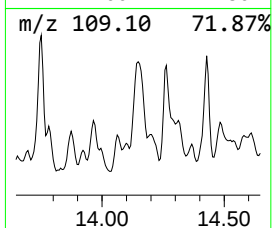
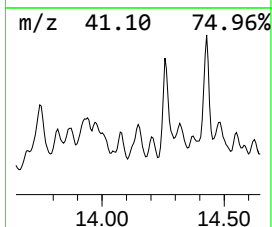
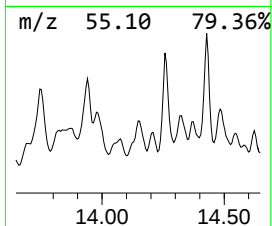
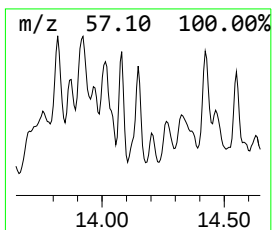
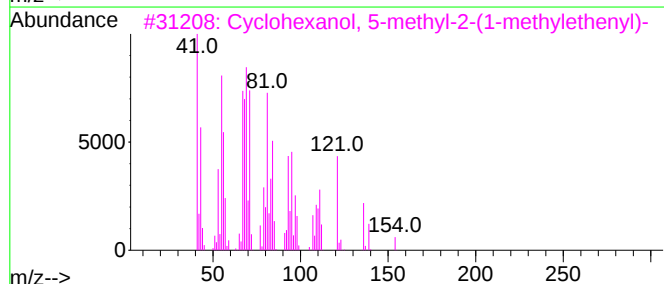
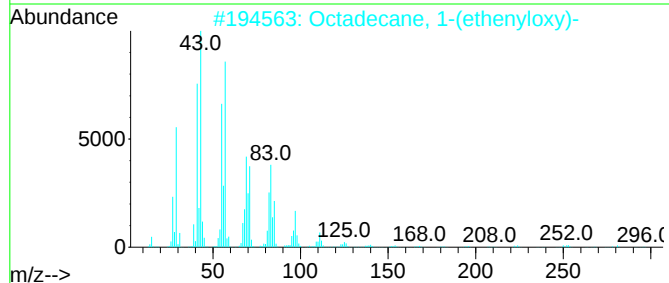
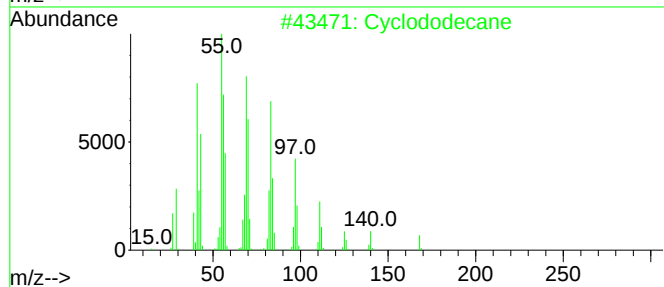
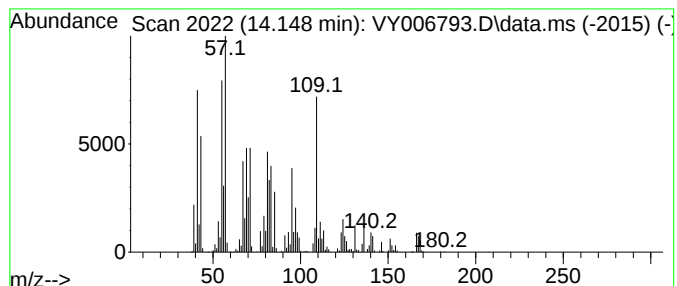
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Quant Title : SW846 8260

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

Peak Number 7 Cyclododecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.148	180.35 ug/l	7829340	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecane	168	C12H24	000294-62-2	56
2			Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	43
3			Cyclohexanol, 5-methyl-2-(1-meth...	154	C10H18O	007786-67-6	38
4			Benzene, 1-(dodecyloxy)-2-nitro-	307	C18H29NO3	083027-71-8	30
5			2,5-Furandione, dihydro-3-(2-met...	154	C8H10O3	018908-20-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
Data File : VY006793.D
Acq On : 17 Nov 2021 17:06
Operator : SY/MD
Sample : M4659-01
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HB-2-(6-6.5)-11-10-21

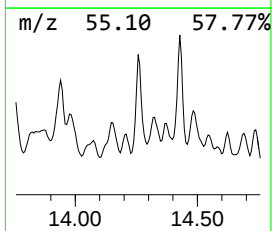
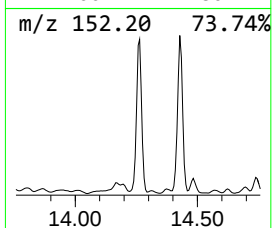
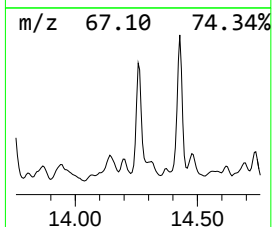
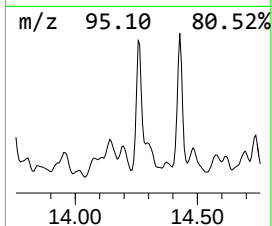
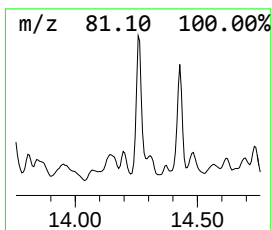
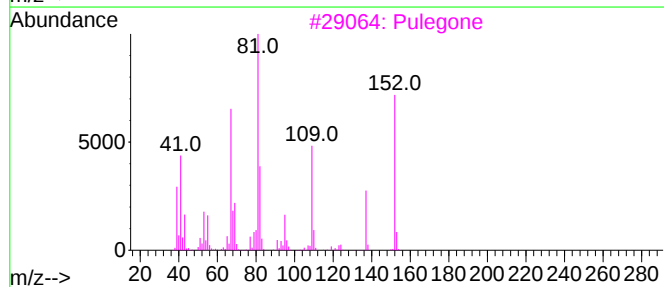
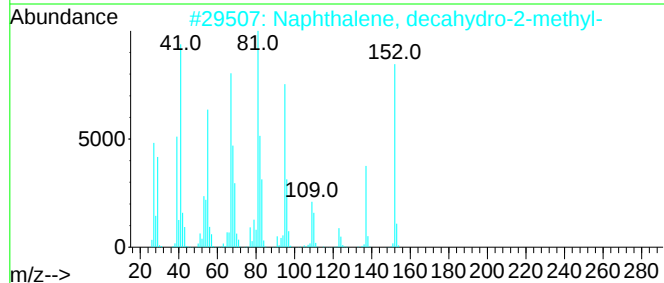
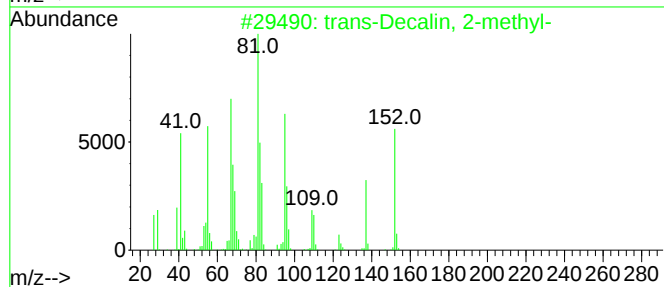
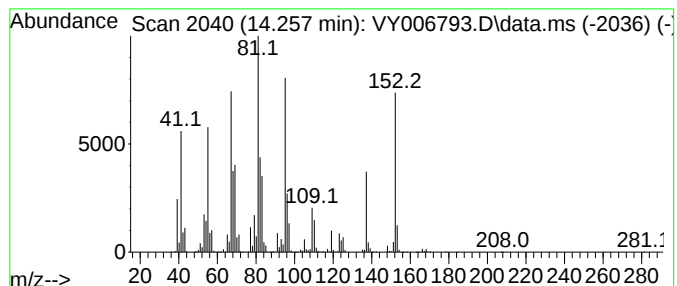
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Quant Title : SW846 8260

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

Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	487.51 ug/l	21163800	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	98
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3			Pulegone	152	C10H16O	000089-82-7	70
4			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	64
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
Data File : VY006793.D
Acq On : 17 Nov 2021 17:06
Operator : SY/MD
Sample : M4659-01
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HB-2-(6-6.5)-11-10-21

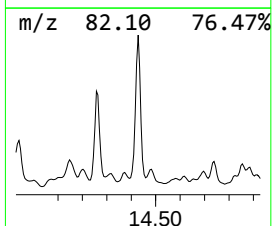
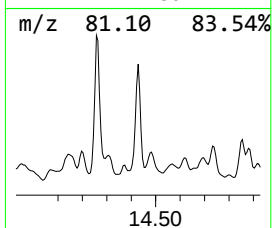
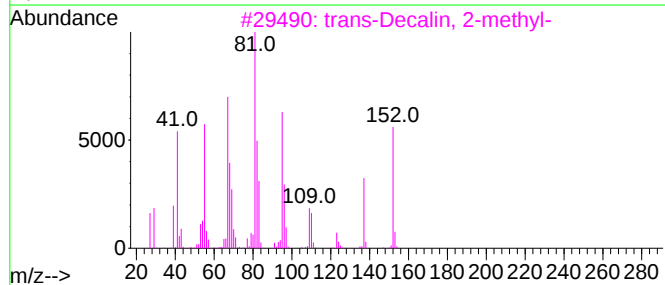
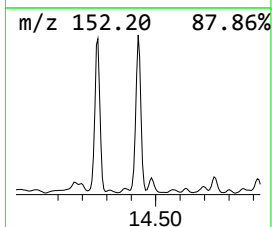
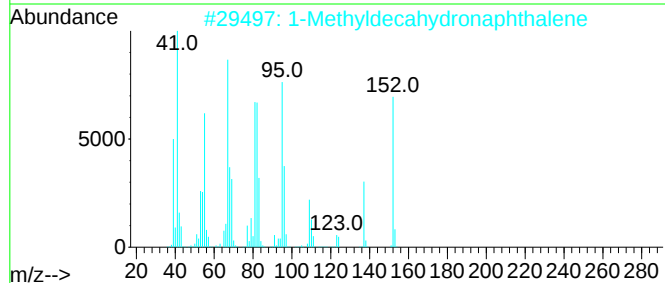
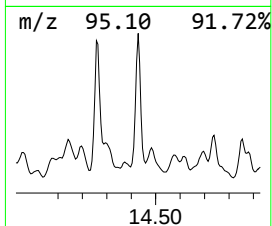
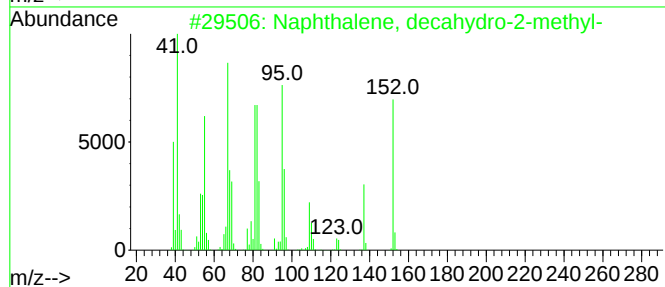
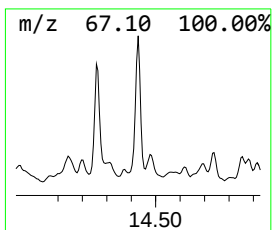
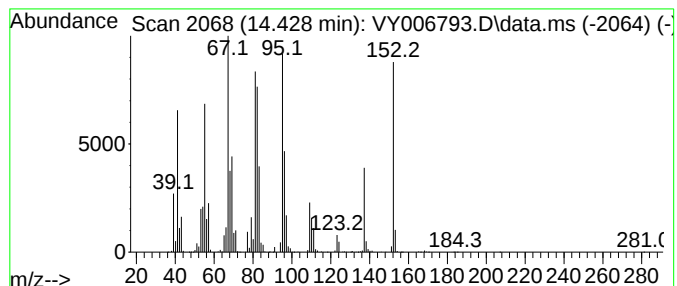
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.428	346.00 ug/l	15020200	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
4			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	81
5			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
Data File : VY006793.D
Acq On : 17 Nov 2021 17:06
Operator : SY/MD
Sample : M4659-01
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HB-2-(6-6.5)-11-10-21

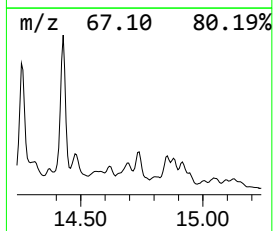
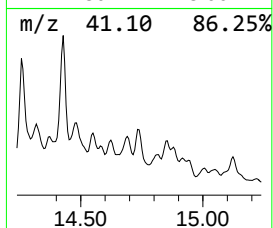
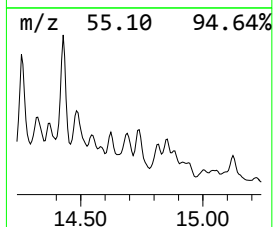
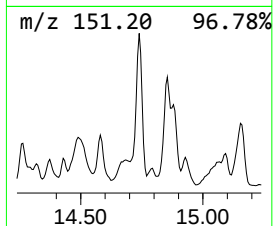
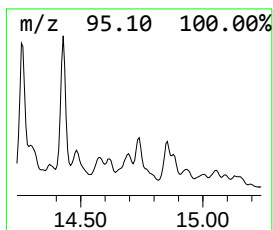
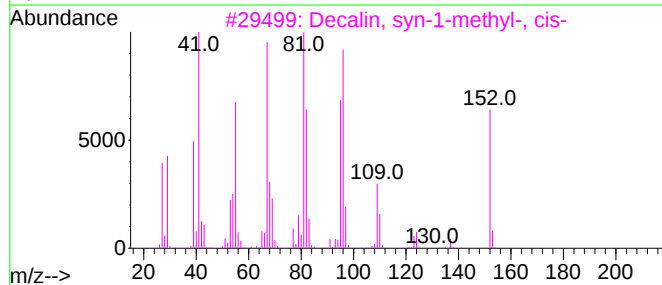
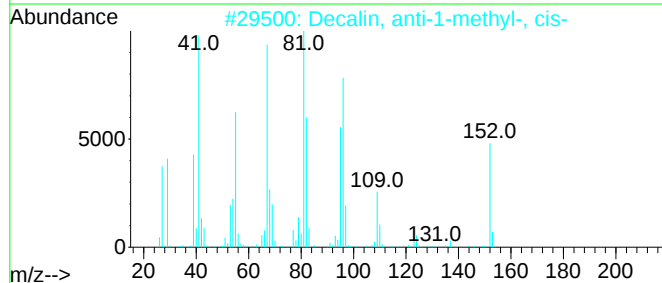
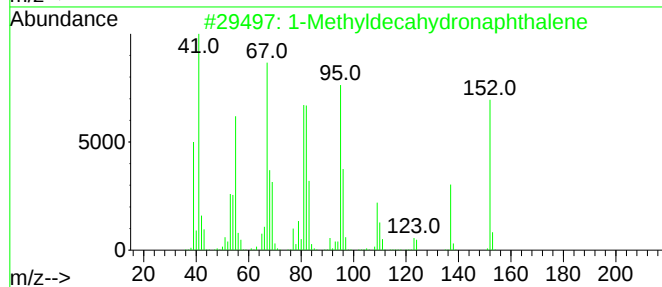
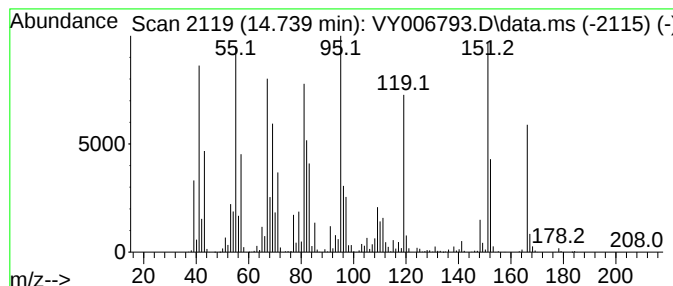
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Quant Title : SW846 8260

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

Peak Number 10 1-Methyldecahydronaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	135.85 ug/l	5897480	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	78
2			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	64
3			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	64
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
5			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
Data File : VY006793.D
Acq On : 17 Nov 2021 17:06
Operator : SY/MD
Sample : M4659-01
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260

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

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					#	RT	Resp	Conc
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Pentane, 2,2,3,...	12.209	269.9	ug/l	3913150	3	11.496	725059	50.0
unknown12.313	12.313	210.3	ug/l	3048870	3	11.496	725059	50.0
unknown12.733	12.733	149.8	ug/l	6503490	4	13.428	2170580	50.0
Cyclooctene, 1,...	13.751	242.5	ug/l	10528400	4	13.428	2170580	50.0
unknown13.940	13.940	120.1	ug/l	5215010	4	13.428	2170580	50.0
Cyclododecane	14.148	180.3	ug/l	7829340	4	13.428	2170580	50.0
trans-Decalin, ...	14.257	487.5	ug/l	21163800	4	13.428	2170580	50.0
Naphthalene, de...	14.428	346.0	ug/l	15020200	4	13.428	2170580	50.0
1-Methyldecahyd...	14.739	135.8	ug/l	5897480	4	13.428	2170580	50.0