

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021772.D
 Acq On : 03 Apr 2025 14:43
 Operator : SY/MD
 Sample : Q1706-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-040225

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\82Y032725S.M
 Title : SW846 8260

Signal : TIC: VY021772.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	464	475	489	rVB2	9533	33671	1.90%	0.209%
2	7.634	959	970	976	rBV2	253295	593925	33.54%	3.694%
3	7.707	976	982	994	rVB	367966	837834	47.32%	5.211%
4	8.061	1027	1040	1054	rBV	210048	480585	27.14%	2.989%
5	8.616	1120	1131	1141	rBV	650389	1275630	72.04%	7.934%
6	10.109	1368	1376	1385	rBV	1025593	1770691	100.00%	11.014%
7	11.414	1583	1590	1603	rBV	981280	1569086	88.61%	9.760%
8	11.639	1616	1627	1634	rBV3	22277	53295	3.01%	0.331%
9	11.950	1668	1678	1686	rBV2	27176	60908	3.44%	0.379%
10	12.340	1732	1742	1744	rBV4	11253	20181	1.14%	0.126%
11	12.408	1747	1753	1759	rBV	728792	1121795	63.35%	6.978%
12	12.590	1776	1783	1787	rVB2	14314	30885	1.74%	0.192%
13	12.657	1787	1794	1797	rVV	63517	102560	5.79%	0.638%
14	12.694	1797	1800	1802	rVV	47448	69595	3.93%	0.433%
15	12.731	1802	1806	1812	rVV2	189722	306274	17.30%	1.905%
16	12.786	1812	1815	1820	rVB3	15558	22788	1.29%	0.142%
17	12.895	1825	1833	1838	rBV	67959	125345	7.08%	0.780%
18	12.962	1840	1844	1850	rVB3	35962	57675	3.26%	0.359%
19	13.042	1850	1857	1862	rBV	82183	132000	7.45%	0.821%
20	13.170	1871	1878	1883	rVB4	20495	39296	2.22%	0.244%
21	13.237	1883	1889	1893	rBV2	61072	108436	6.12%	0.674%
22	13.285	1893	1897	1901	rVV3	35033	52118	2.94%	0.324%
23	13.346	1901	1907	1917	rVV2	936202	1577267	89.08%	9.811%
24	13.426	1917	1920	1924	rVB2	24316	29146	1.65%	0.181%
25	13.541	1930	1939	1943	rBV	123227	221634	12.52%	1.379%
26	13.584	1943	1946	1955	rVB3	107588	197985	11.18%	1.231%
27	13.676	1955	1961	1965	rBV	235852	352183	19.89%	2.191%
28	13.743	1968	1972	1978	rVV	54480	97307	5.50%	0.605%
29	13.804	1978	1982	1984	rVV	44264	65634	3.71%	0.408%
30	13.834	1984	1987	1992	rVV	79573	124490	7.03%	0.774%
31	13.889	1992	1996	2001	rVV	119003	177479	10.02%	1.104%
32	13.944	2001	2005	2009	rVB4	25583	44128	2.49%	0.274%
33	13.999	2009	2014	2019	rVB	126158	189153	10.68%	1.177%
34	14.060	2019	2024	2030	rBV7	23235	61252	3.46%	0.381%
35	14.133	2030	2036	2038	rVV3	37740	71654	4.05%	0.446%
36	14.169	2039	2042	2047	rVV5	70081	162407	9.17%	1.010%

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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

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37	14.212	2047	2049	2052	rVV	65222	102456	5.79%	0.637%
38	14.255	2052	2056	2060	rVV	95368	155389	8.78%	0.967%
39	14.304	2060	2064	2067	rVV	66697	95903	5.42%	0.597%
40	14.340	2067	2070	2074	rVV2	56902	75007	4.24%	0.467%
41	14.395	2076	2079	2082	rVV3	18151	29426	1.66%	0.183%
42	14.438	2083	2086	2089	rVV	39412	52237	2.95%	0.325%
43	14.480	2089	2093	2097	rVV2	83695	140624	7.94%	0.875%
44	14.529	2097	2101	2106	rVV	176328	240312	13.57%	1.495%
45	14.596	2106	2112	2118	rVV4	208660	442249	24.98%	2.751%
46	14.651	2118	2121	2127	rVB4	74631	123695	6.99%	0.769%
47	14.749	2132	2137	2146	rVV	174608	326511	18.44%	2.031%
48	14.822	2146	2149	2150	rVV2	35377	45338	2.56%	0.282%
49	14.858	2151	2155	2158	rVV2	92844	169667	9.58%	1.055%
50	14.895	2158	2161	2166	rVV	62486	120669	6.81%	0.751%
51	14.968	2167	2173	2179	rVV	93371	234843	13.26%	1.461%
52	15.047	2183	2186	2192	rVV5	31493	63346	3.58%	0.394%
53	15.120	2192	2198	2202	rVV6	38770	86083	4.86%	0.535%
54	15.200	2206	2211	2216	rVV3	81604	158822	8.97%	0.988%
55	15.273	2216	2223	2231	rVV6	57998	219107	12.37%	1.363%
56	15.340	2231	2234	2241	rVB2	61174	95373	5.39%	0.593%
57	15.431	2242	2249	2255	rBV3	47094	102731	5.80%	0.639%
58	15.505	2258	2261	2267	rVV6	11690	19331	1.09%	0.120%
59	15.590	2267	2275	2276	rVV7	30685	61196	3.46%	0.381%
60	15.626	2276	2281	2289	rVB	122346	225232	12.72%	1.401%
61	15.712	2291	2295	2301	rVV5	13109	24230	1.37%	0.151%
62	15.785	2301	2307	2320	rVB3	30537	89494	5.05%	0.557%
63	15.925	2323	2330	2336	rBV	61602	124269	7.02%	0.773%
64	16.114	2354	2361	2367	rBV2	47455	96638	5.46%	0.601%
65	16.181	2367	2372	2377	rVV4	20706	37519	2.12%	0.233%
66	16.376	2396	2404	2409	rBV8	16606	47803	2.70%	0.297%
67	16.504	2420	2425	2434	rVB5	13406	35308	1.99%	0.220%

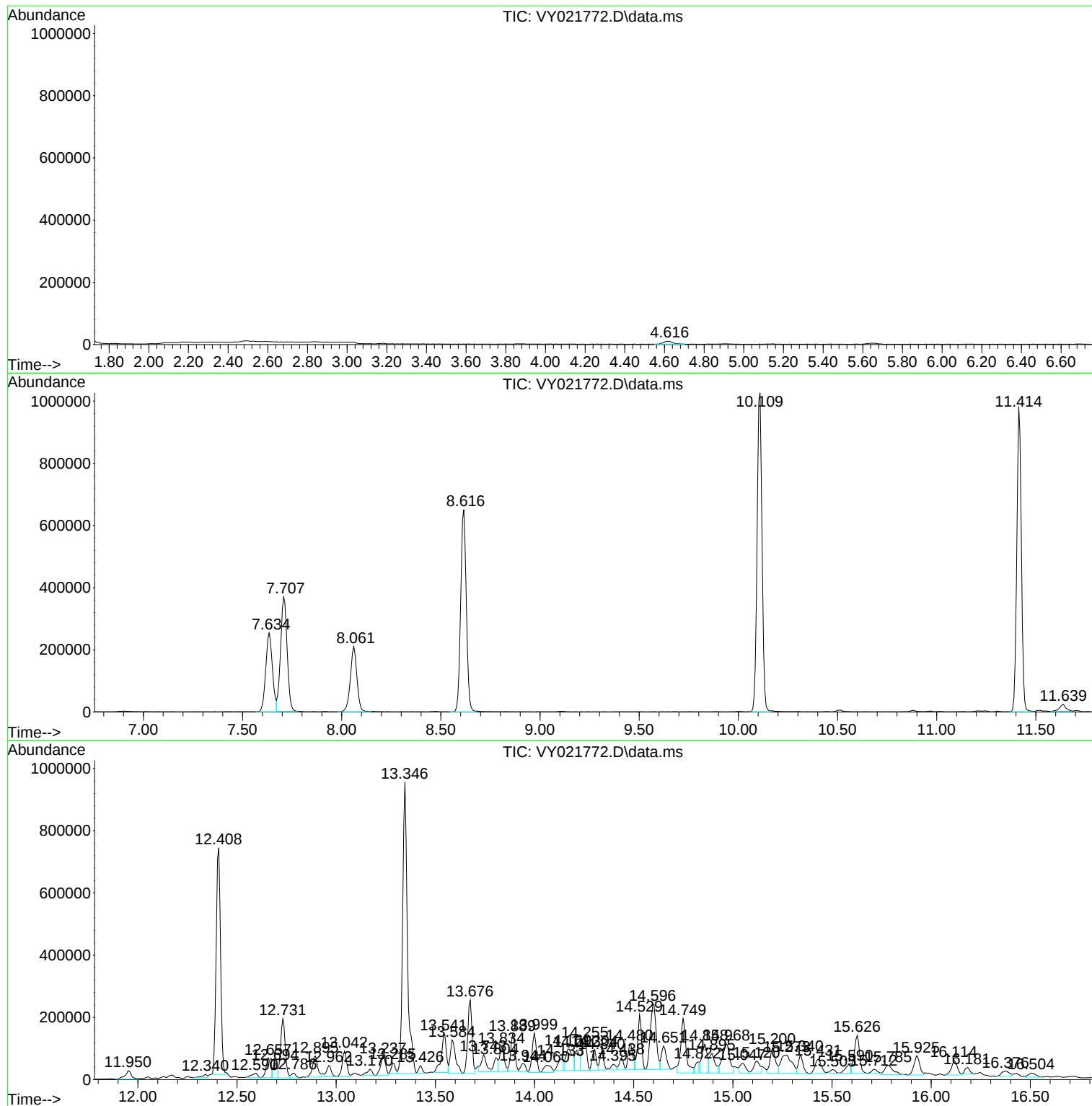
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MSVOA_Y
ClientSampleId :
PL-02-040225

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
PL-02-040225

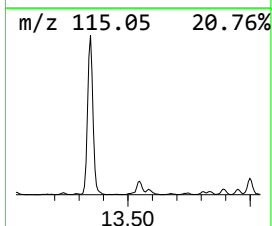
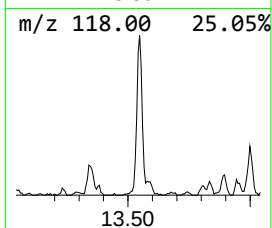
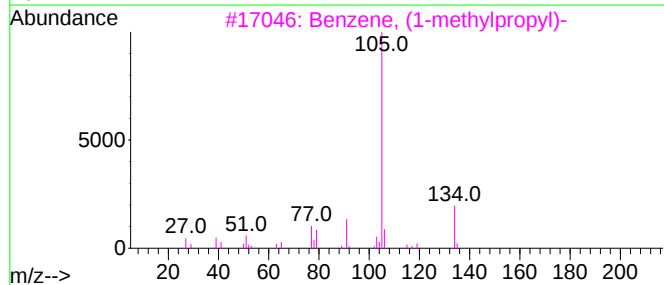
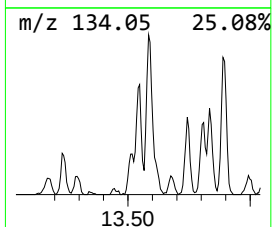
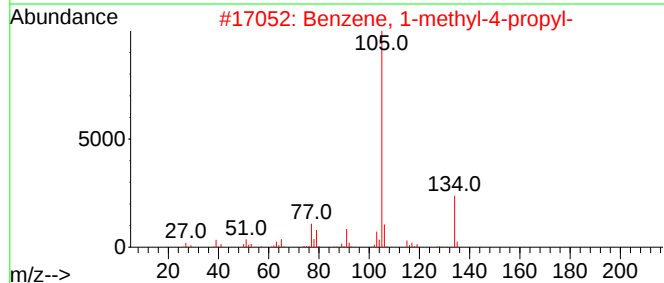
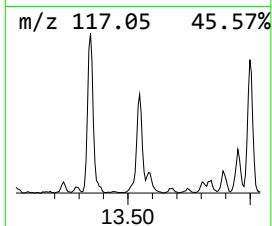
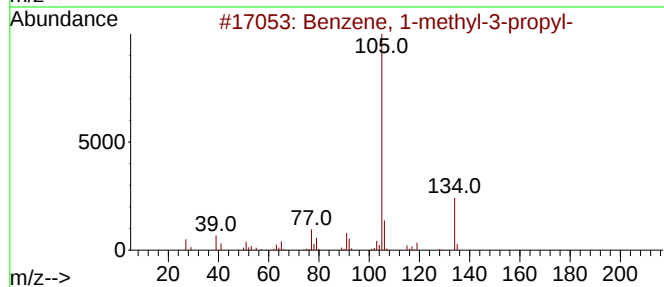
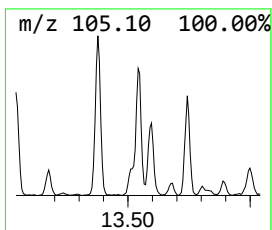
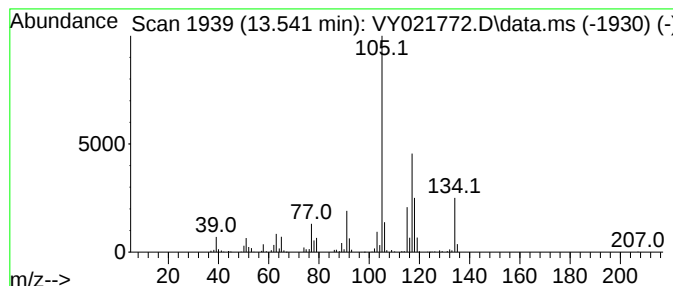
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown13.541 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.541	7.03 ug/l	221634	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	41
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	41
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	30
5			2-Indanol	134	C9H10O	004254-29-9	30



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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
PL-02-040225

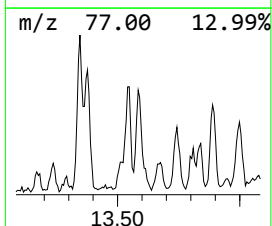
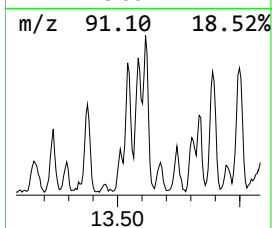
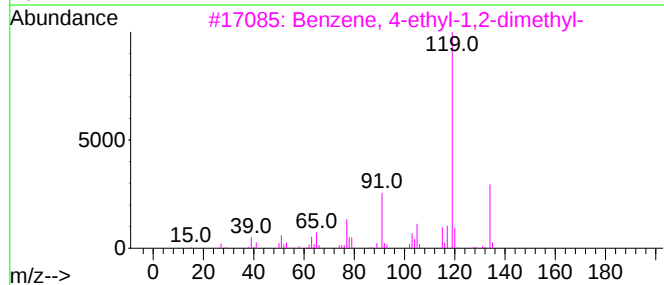
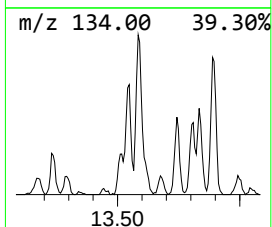
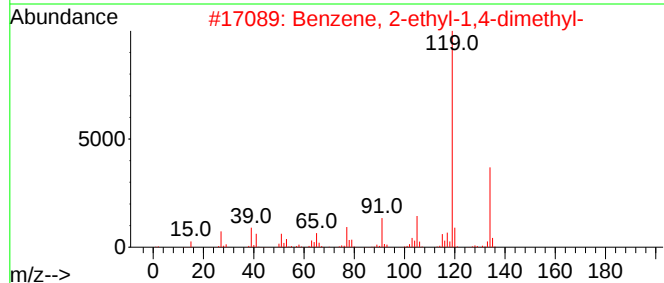
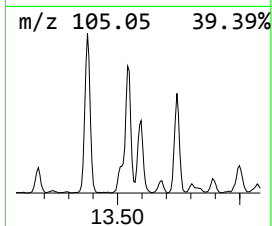
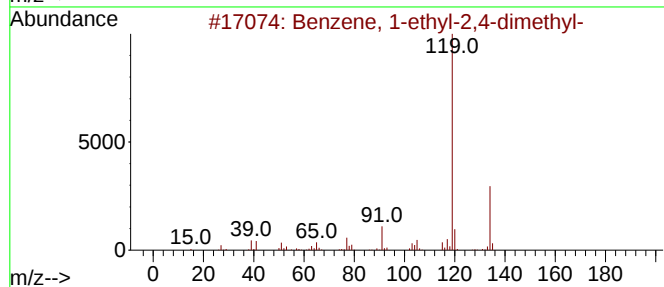
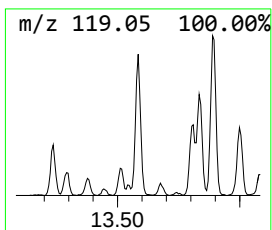
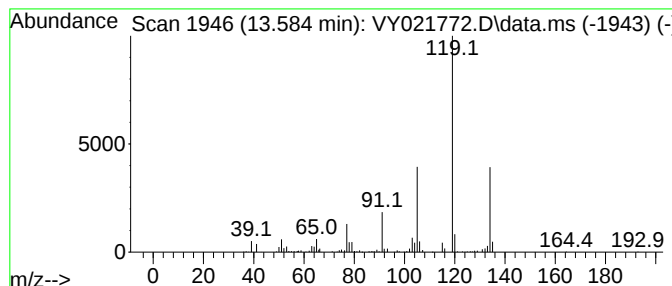
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.584	6.28 ug/l	197985	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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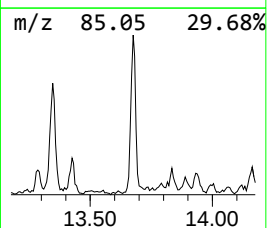
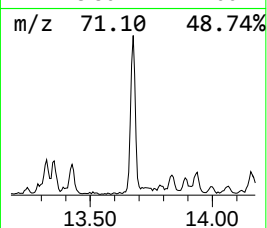
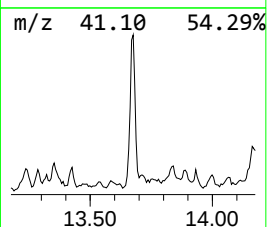
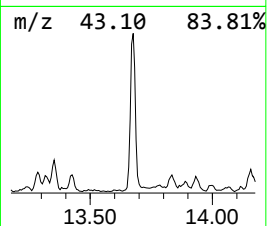
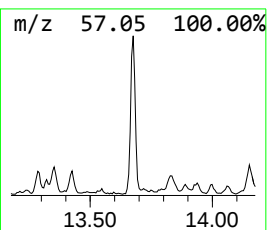
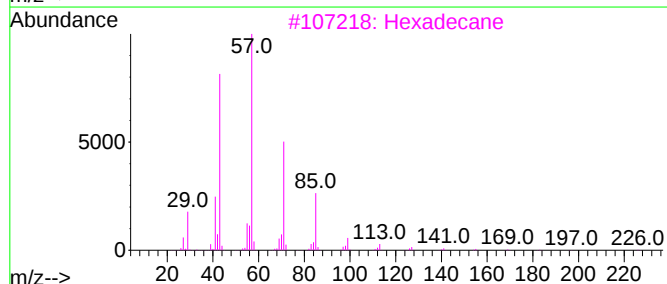
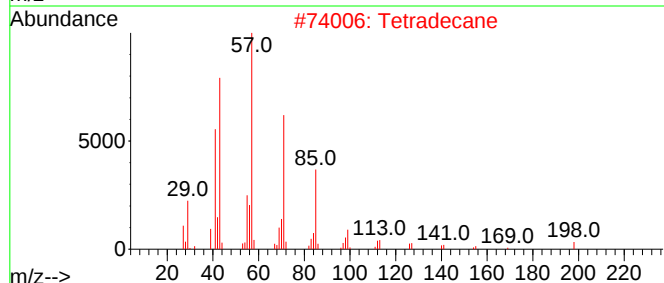
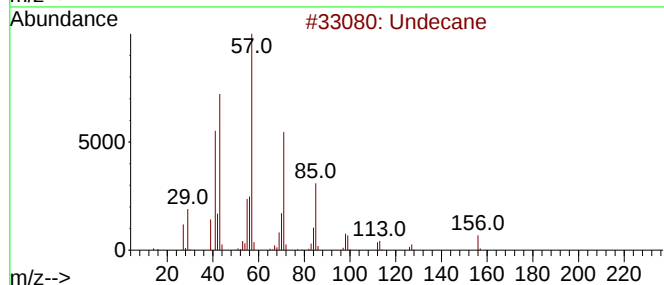
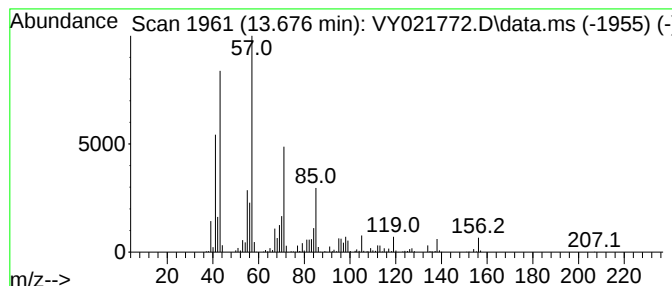
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	11.16 ug/l	352183	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Tetradecane			198	C14H30	000629-59-4	80
3	Hexadecane			226	C16H34	000544-76-3	59
4	Carbonic acid, nonyl vinyl ester			214	C12H22O3	1000383-25-6	59
5	Decane, 2,5,6-trimethyl-			184	C13H28	062108-23-0	47



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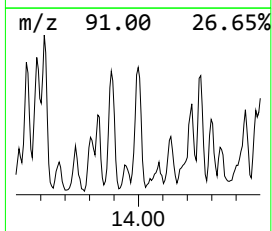
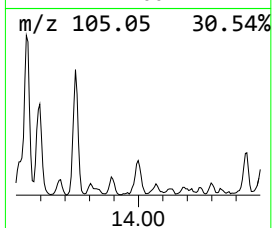
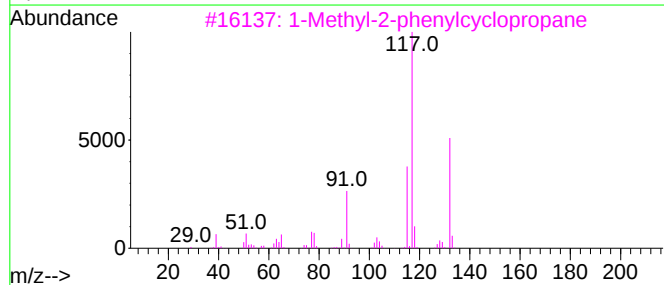
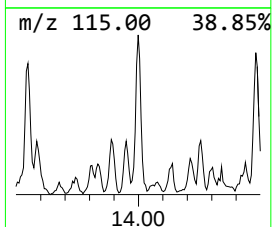
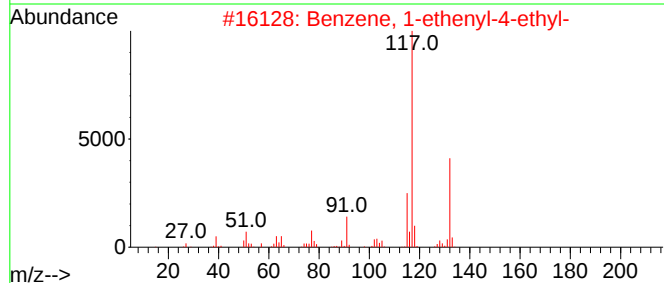
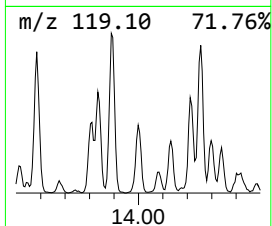
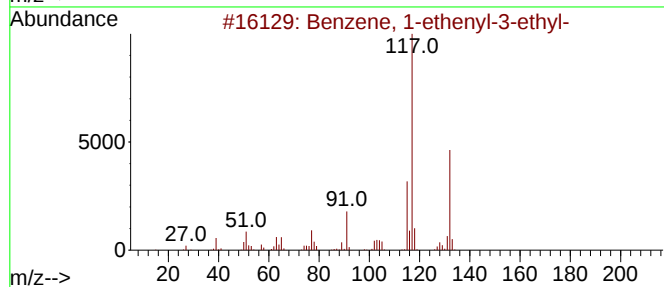
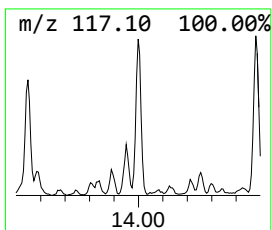
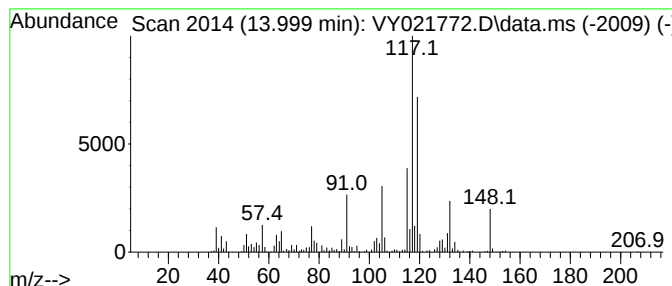
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	6.00 ug/l	189153	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021772.D
Acq On : 03 Apr 2025 14:43
Operator : SY/MD
Sample : Q1706-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-040225

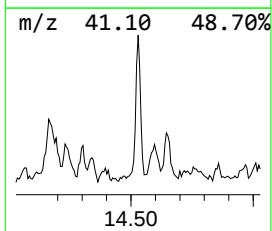
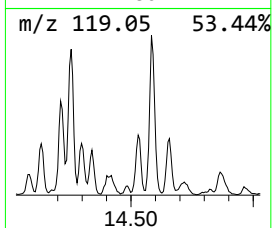
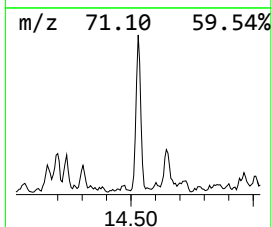
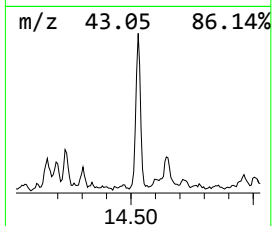
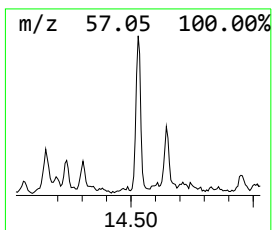
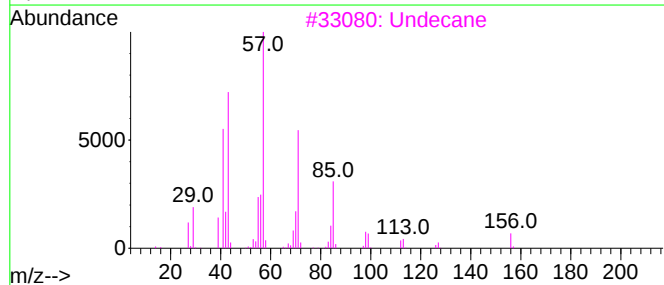
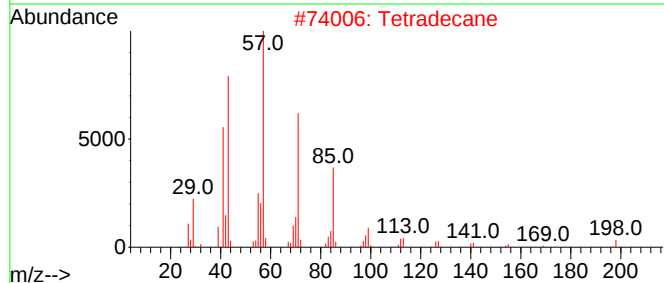
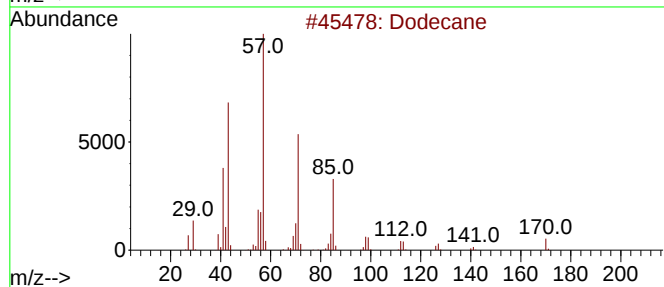
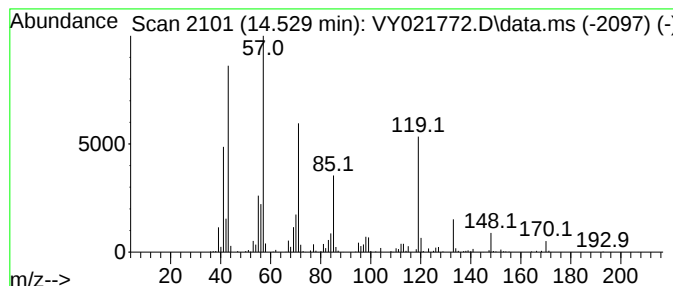
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	7.62 ug/l	240312	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	87
2			Tetradecane	198	C14H30	000629-59-4	49
3			Undecane	156	C11H24	001120-21-4	49
4			Tridecane	184	C13H28	000629-50-5	46
5			Hexadecane	226	C16H34	000544-76-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021772.D
Acq On : 03 Apr 2025 14:43
Operator : SY/MD
Sample : Q1706-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-040225

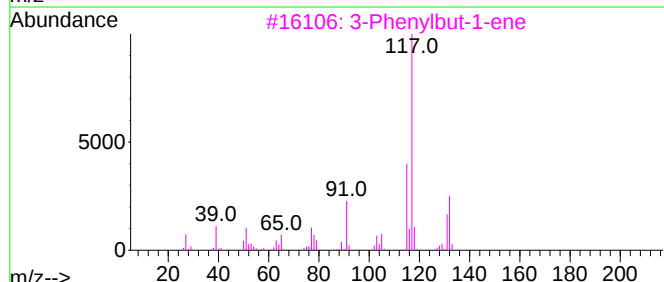
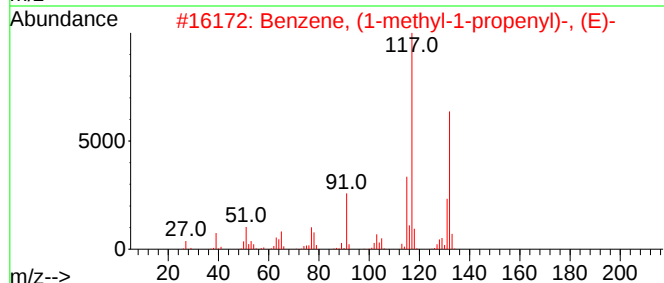
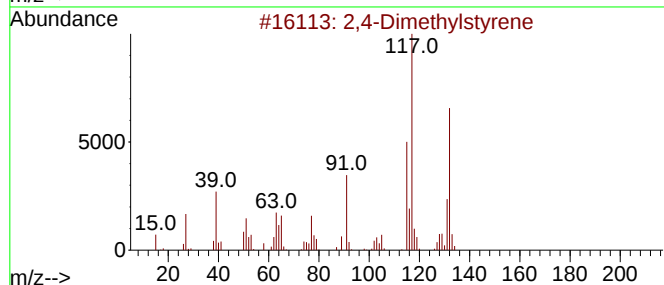
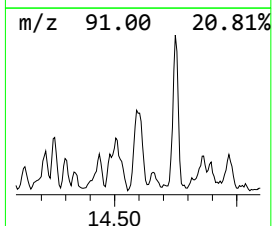
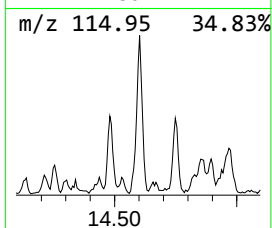
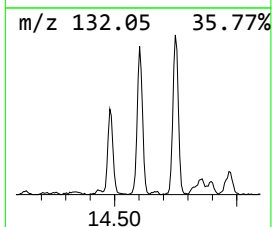
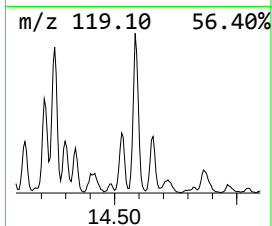
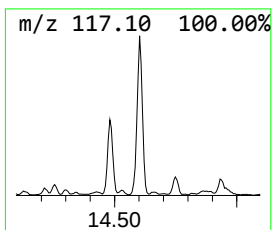
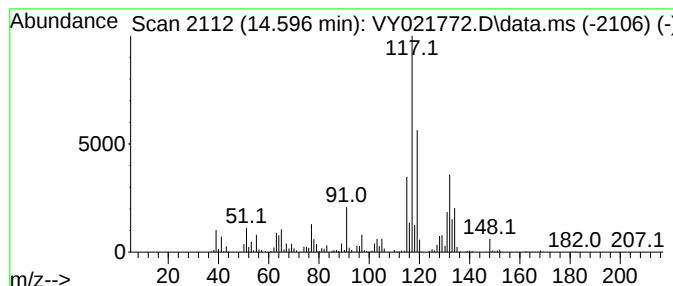
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Quant Title : SW846 8260

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

Peak Number 6 2,4-Dimethylstyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	14.02 ug/l	442249	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021772.D
Acq On : 03 Apr 2025 14:43
Operator : SY/MD
Sample : Q1706-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-040225

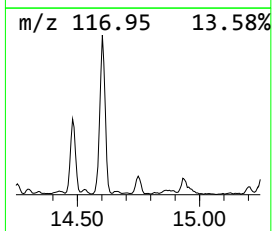
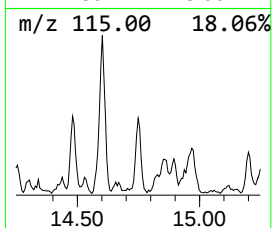
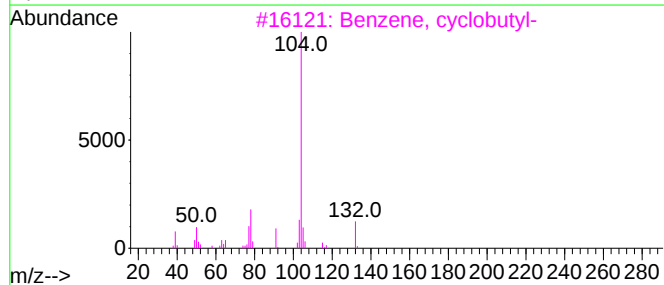
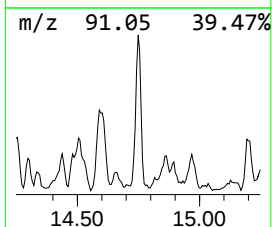
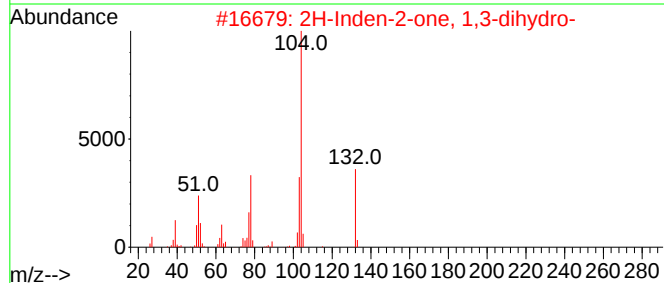
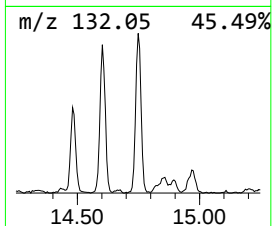
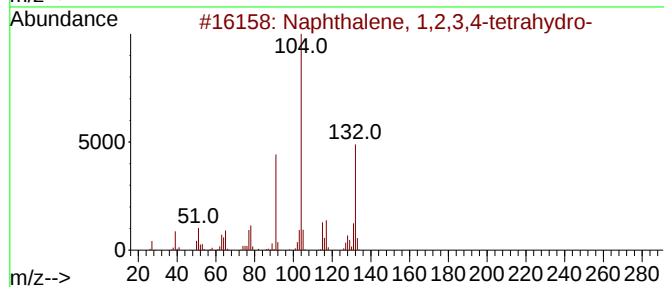
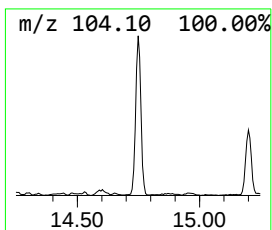
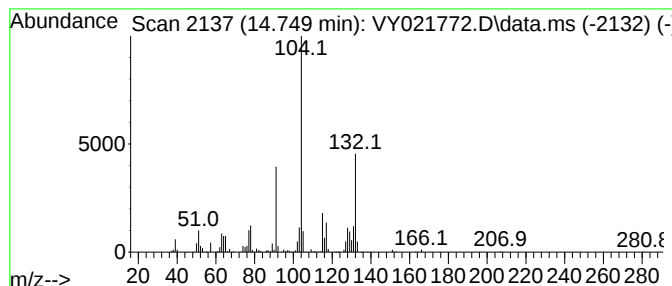
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.749	10.35 ug/l	326511	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
3			Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
4			Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
5			Indan, epoxide	132	C9H8O	000768-22-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021772.D
Acq On : 03 Apr 2025 14:43
Operator : SY/MD
Sample : Q1706-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-040225

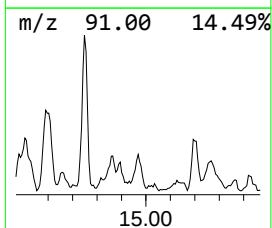
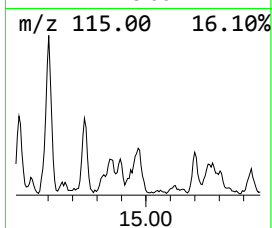
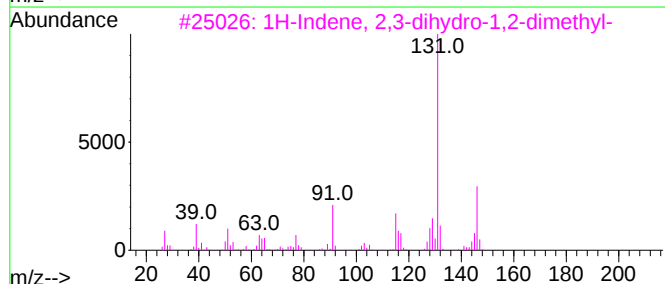
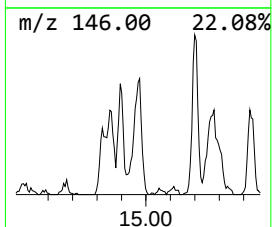
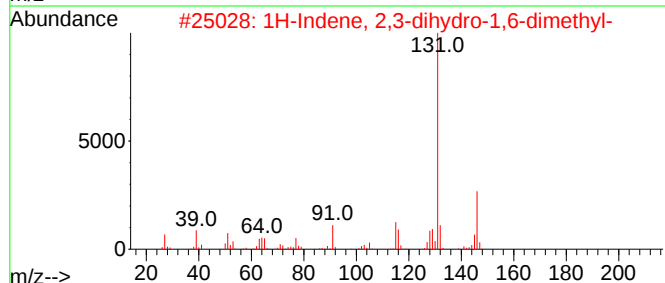
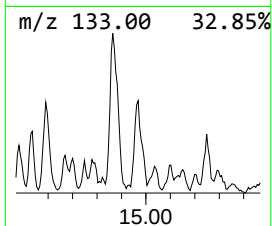
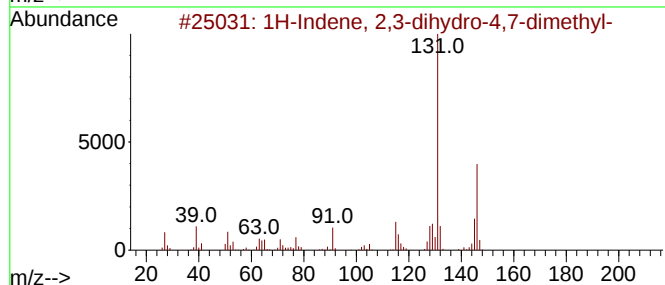
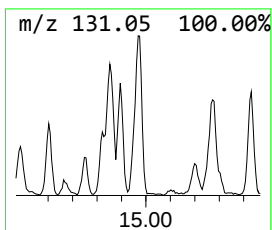
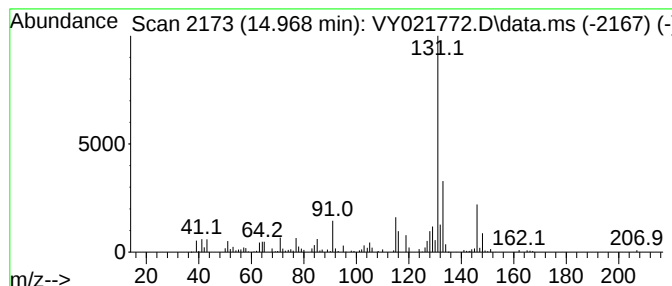
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	7.44 ug/l	234843	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021772.D
Acq On : 03 Apr 2025 14:43
Operator : SY/MD
Sample : Q1706-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-040225

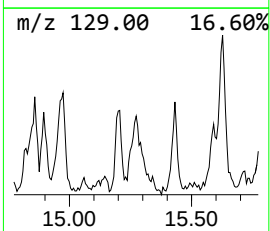
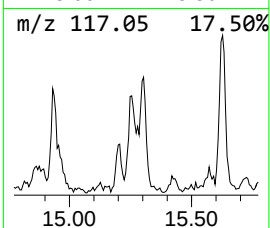
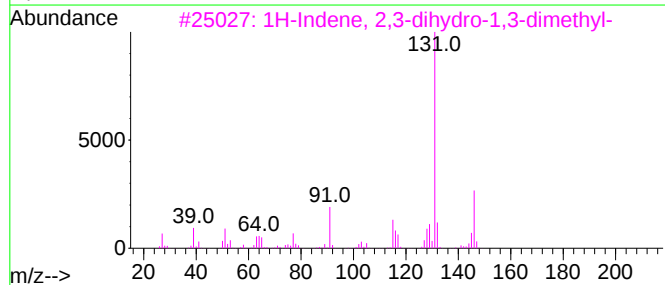
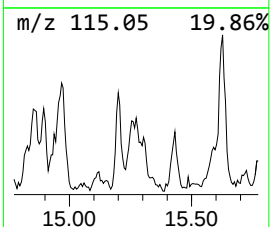
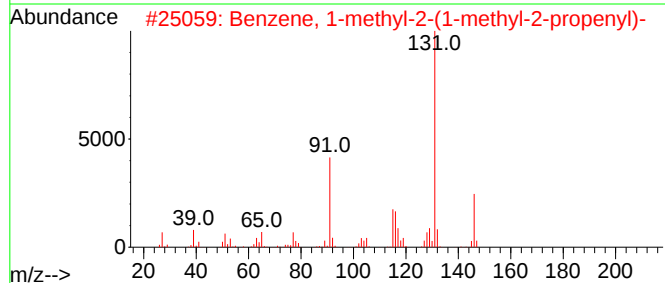
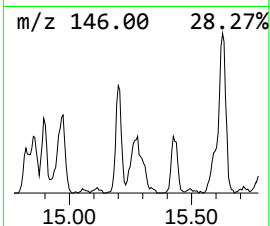
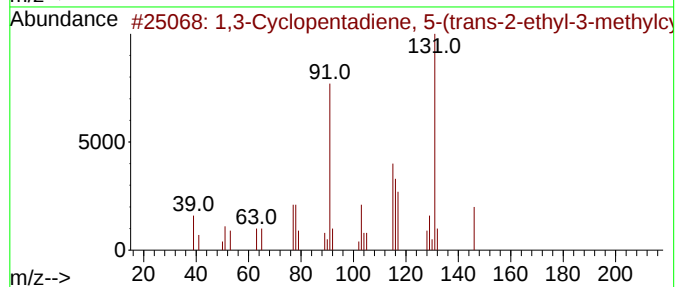
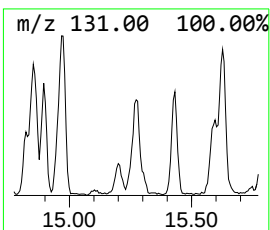
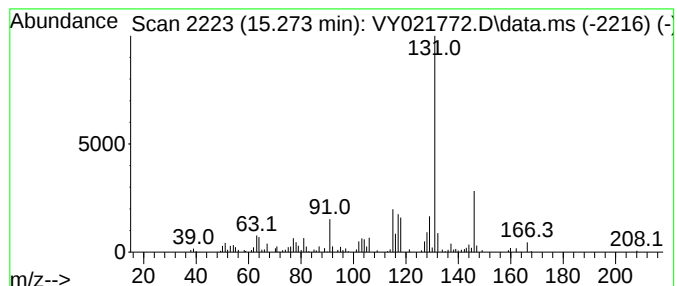
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Quant Title : SW846 8260

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

Peak Number 9 1,3-Cyclopentadiene, 5-(tra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.273	6.95 ug/l	219107	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	87
2			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	80
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021772.D
Acq On : 03 Apr 2025 14:43
Operator : SY/MD
Sample : Q1706-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-040225

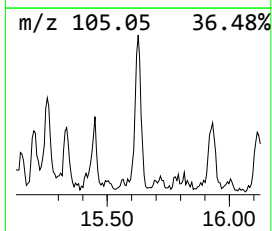
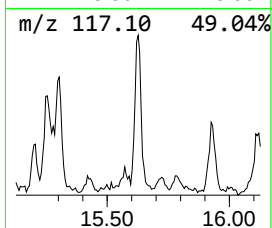
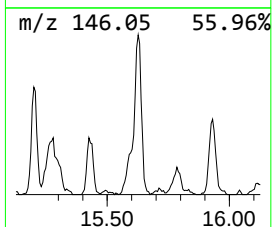
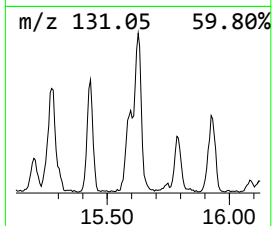
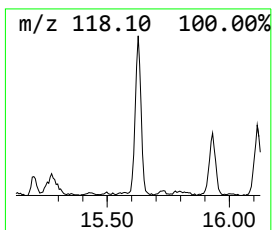
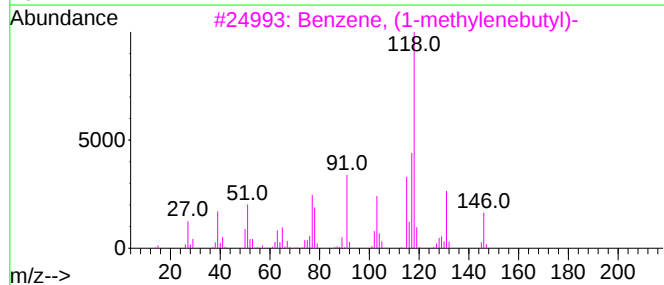
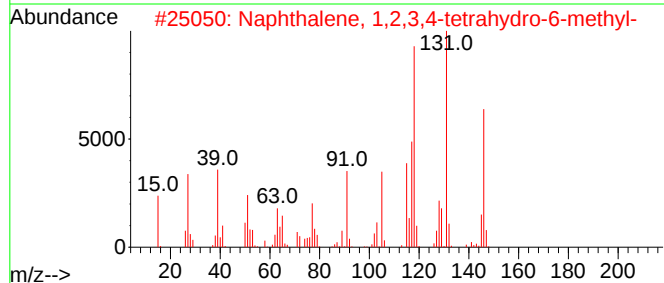
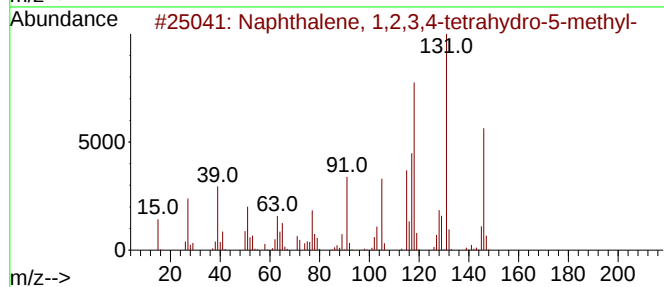
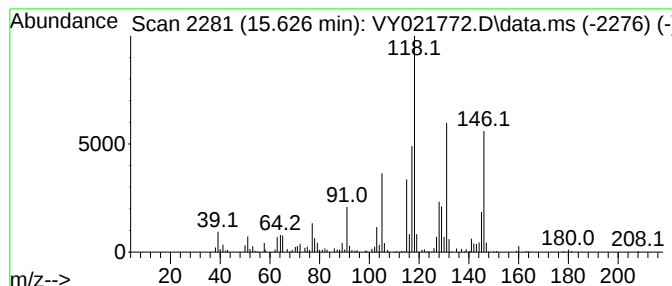
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	7.14 ug/l	225232	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	80
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	74
3			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	62
4			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	62
5			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021772.D
Acq On : 03 Apr 2025 14:43
Operator : SY/MD
Sample : Q1706-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-040225

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1-ethy...	13.584	6.3	ug/l	197985	4	13.346	1577270	50.0
Undecane	13.676	11.2	ug/l	352183	4	13.346	1577270	50.0
Benzene, 1-ethe...	13.999	6.0	ug/l	189153	4	13.346	1577270	50.0
Dodecane	14.529	7.6	ug/l	240312	4	13.346	1577270	50.0
2,4-Dimethylsty...	14.596	14.0	ug/l	442249	4	13.346	1577270	50.0
Naphthalene, 1,...	14.749	10.4	ug/l	326511	4	13.346	1577270	50.0
1H-Indene, 2,3-...	14.968	7.4	ug/l	234843	4	13.346	1577270	50.0
1,3-Cyclopentad...	15.273	7.0	ug/l	219107	4	13.346	1577270	50.0
Naphthalene, 1,...	15.627	7.1	ug/l	225232	4	13.346	1577270	50.0