

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
 Data File : VY023628.D
 Acq On : 30 Oct 2025 13:26
 Operator : SY/MD
 Sample : Q3485-01
 Misc : 6.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-102925

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\82Y100725S.M
 Title : SW846 8260

Signal : TIC: VY023628.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.622	464	476	493	rBV2	38035	122749	3.51%	0.343%
2	7.640	960	971	977	rBV	509376	1254397	35.91%	3.506%
3	7.713	977	983	1003	rVB	824484	1884055	53.94%	5.266%
4	8.067	1031	1041	1054	rBV	410449	931993	26.68%	2.605%
5	8.616	1121	1131	1145	rBV	1330803	2578223	73.81%	7.207%
6	9.116	1202	1213	1219	rBV3	15669	37504	1.07%	0.105%
7	10.109	1368	1376	1383	rBV	2081000	3492865	100.00%	9.764%
8	10.176	1383	1387	1394	rVB	65743	115072	3.29%	0.322%
9	10.451	1426	1432	1438	rVB2	21566	37062	1.06%	0.104%
10	11.018	1520	1525	1531	rVB	45350	76608	2.19%	0.214%
11	11.219	1548	1558	1568	rVB7	13332	38266	1.10%	0.107%
12	11.414	1583	1590	1601	rBV	1722032	2858730	81.84%	7.991%
13	11.627	1616	1625	1630	rBV2	35640	94801	2.71%	0.265%
14	11.957	1667	1679	1686	rBV2	39334	118486	3.39%	0.331%
15	12.408	1746	1753	1763	rBV2	1680444	3116243	89.22%	8.711%
16	12.566	1775	1779	1782	rBV3	35389	59996	1.72%	0.168%
17	12.658	1787	1794	1797	rBV	123832	197736	5.66%	0.553%
18	12.694	1797	1800	1802	rVV	45607	64322	1.84%	0.180%
19	12.731	1802	1806	1811	rVB2	170378	272600	7.80%	0.762%
20	12.895	1826	1833	1840	rBV	105237	208033	5.96%	0.582%
21	12.962	1840	1844	1851	rVB	76030	114979	3.29%	0.321%
22	13.042	1851	1857	1862	rBV	492305	714144	20.45%	1.996%
23	13.176	1871	1879	1882	rVB4	52284	103888	2.97%	0.290%
24	13.237	1882	1889	1893	rBV2	116872	213496	6.11%	0.597%
25	13.286	1893	1897	1901	rVV3	63894	107894	3.09%	0.302%
26	13.347	1901	1907	1917	rVB2	1463105	2627431	75.22%	7.344%
27	13.542	1935	1939	1943	rVV	388200	615433	17.62%	1.720%
28	13.584	1943	1946	1955	rVB3	340413	665009	19.04%	1.859%
29	13.670	1955	1960	1965	rBV2	367341	606010	17.35%	1.694%
30	13.743	1965	1972	1976	rVV	207033	348270	9.97%	0.974%
31	13.804	1978	1982	1984	rVV	230381	343255	9.83%	0.959%
32	13.834	1984	1987	1991	rVV2	304938	452498	12.95%	1.265%
33	13.889	1991	1996	2001	rVB2	513493	763483	21.86%	2.134%
34	13.944	2001	2005	2009	rVB2	90505	146661	4.20%	0.410%
35	13.999	2009	2014	2019	rVB	476760	724236	20.73%	2.024%
36	14.066	2019	2025	2030	rBV5	84842	223123	6.39%	0.624%

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37	14.133	2030	2036	2039	rBV	154626	284636	8.15%	0.796%
38	14.182	2039	2044	2046	rVV4	152317	326652	9.35%	0.913%
39	14.212	2046	2049	2053	rVV2	248001	454280	13.01%	1.270%
40	14.255	2053	2056	2060	rVB	266491	349285	10.00%	0.976%
41	14.298	2060	2063	2066	rBV3	200165	270494	7.74%	0.756%
42	14.340	2066	2070	2073	rVB2	167758	216667	6.20%	0.606%
43	14.438	2081	2086	2089	rVB3	125679	215176	6.16%	0.601%
44	14.480	2089	2093	2098	rBV3	256313	452995	12.97%	1.266%
45	14.529	2098	2101	2106	rVB	288601	387770	11.10%	1.084%
46	14.602	2106	2113	2118	rBV5	610959	1358159	38.88%	3.796%
47	14.651	2118	2121	2127	rVB3	240067	384612	11.01%	1.075%
48	14.706	2127	2130	2131	rBV3	32321	35469	1.02%	0.099%
49	14.749	2132	2137	2142	rVV	360970	534525	15.30%	1.494%
50	14.822	2146	2149	2151	rVV2	47761	64230	1.84%	0.180%
51	14.858	2151	2155	2158	rVV2	242097	385534	11.04%	1.078%
52	14.895	2158	2161	2167	rVV2	135432	246677	7.06%	0.690%
53	14.968	2167	2173	2178	rVB2	245634	501518	14.36%	1.402%
54	15.121	2192	2198	2206	rBV5	156437	395386	11.32%	1.105%
55	15.200	2206	2211	2215	rBV2	136964	223320	6.39%	0.624%
56	15.255	2216	2220	2225	rBV4	84986	197363	5.65%	0.552%
57	15.340	2231	2234	2242	rVB6	82303	142716	4.09%	0.399%
58	15.432	2243	2249	2256	rVV3	109208	253039	7.24%	0.707%
59	15.505	2257	2261	2266	rVV4	71382	127975	3.66%	0.358%
60	15.584	2267	2274	2277	rVV5	79854	201984	5.78%	0.565%
61	15.627	2277	2281	2290	rVV	197396	370052	10.59%	1.034%
62	15.712	2292	2295	2301	rVV4	43439	74521	2.13%	0.208%
63	15.785	2301	2307	2322	rVB6	71259	258799	7.41%	0.723%
64	15.925	2324	2330	2336	rBV3	114613	232893	6.67%	0.651%
65	16.047	2346	2350	2354	rBV4	30095	42582	1.22%	0.119%
66	16.114	2356	2361	2367	rBV3	52457	98586	2.82%	0.276%
67	16.181	2367	2372	2377	rBV	80992	150294	4.30%	0.420%
68	16.370	2396	2403	2410	rBV3	83926	206888	5.92%	0.578%

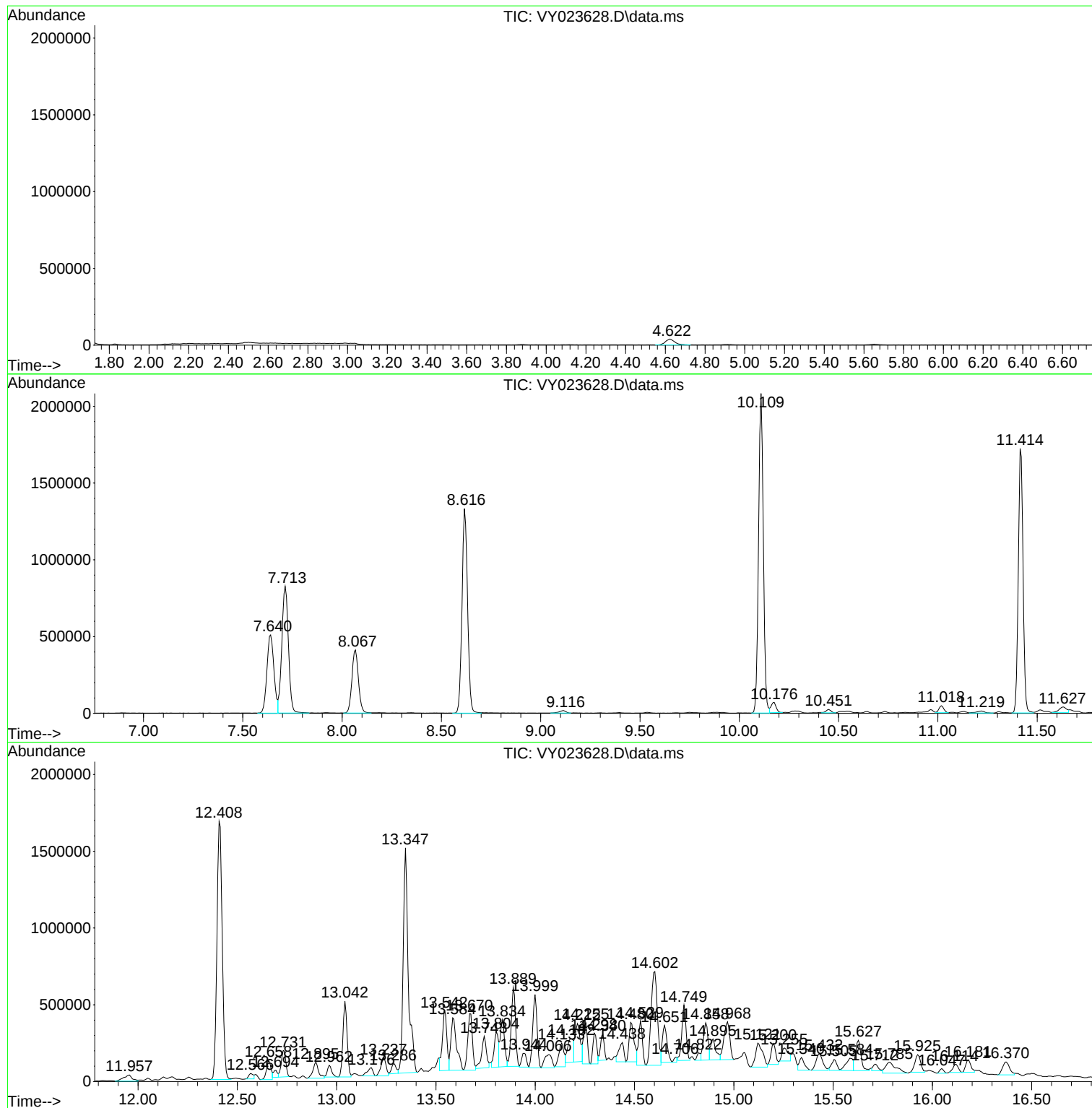
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TR-04-102925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
TR-04-102925

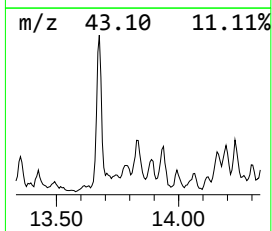
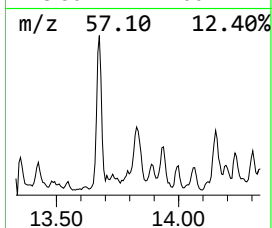
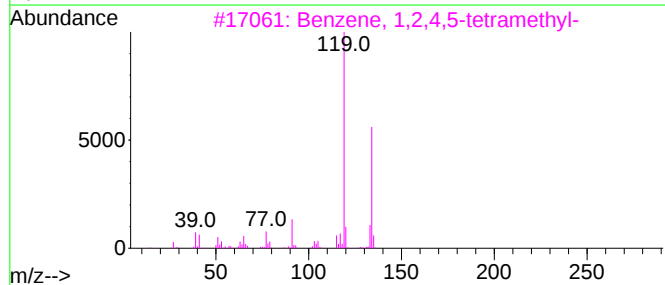
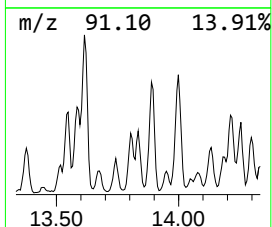
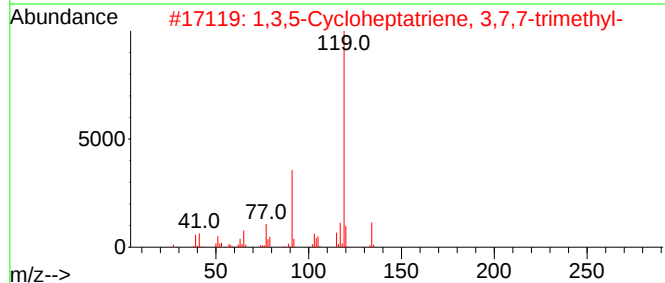
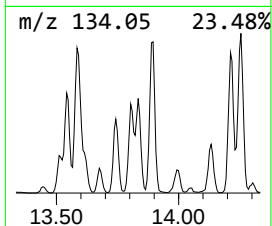
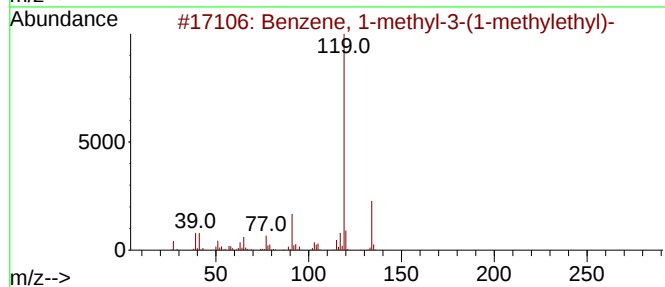
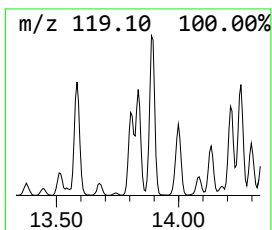
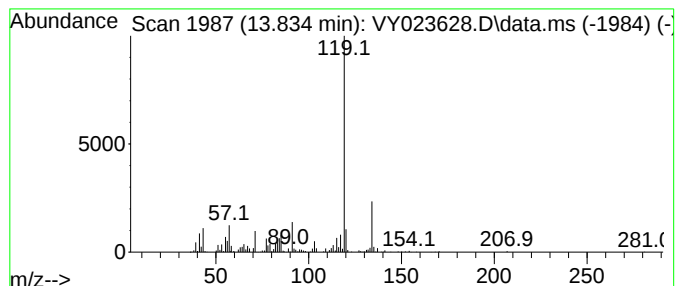
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.834	8.61 ug/l	452498	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	81
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



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TR-04-102925

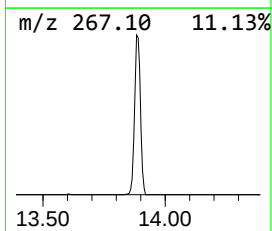
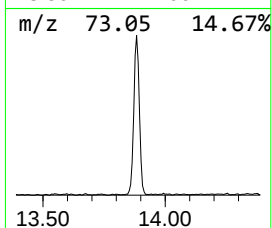
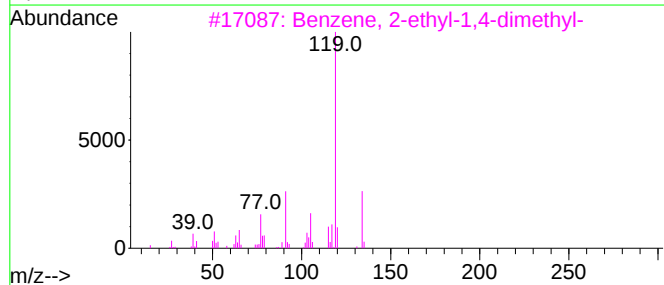
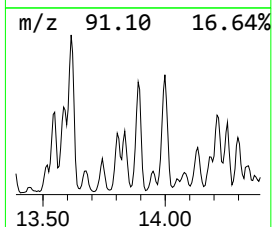
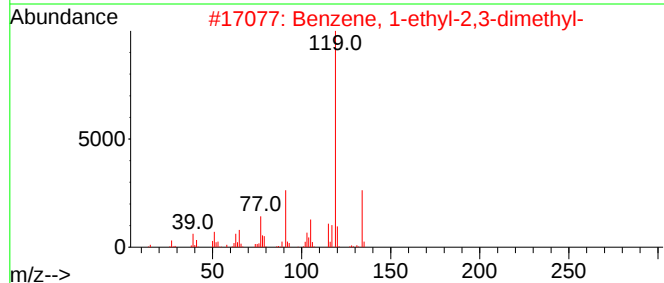
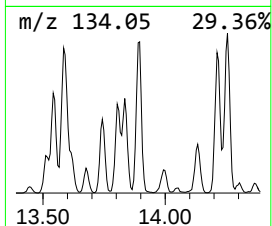
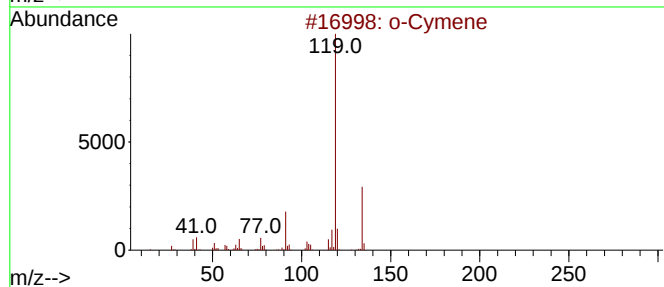
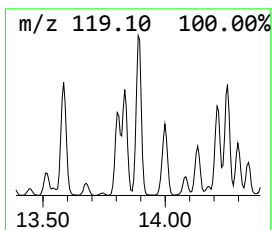
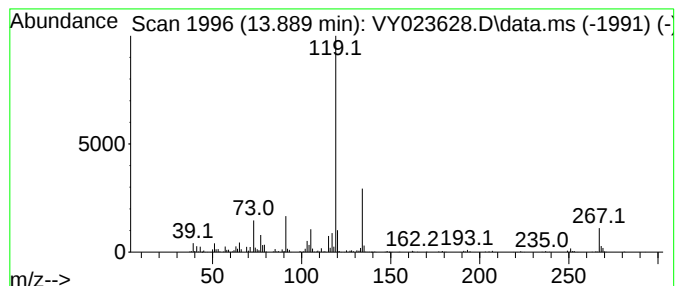
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	14.53 ug/l	763483	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



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ClientSampleId :
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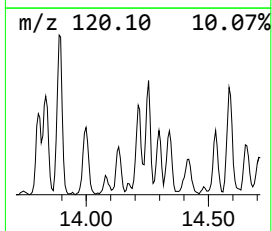
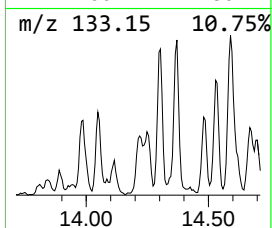
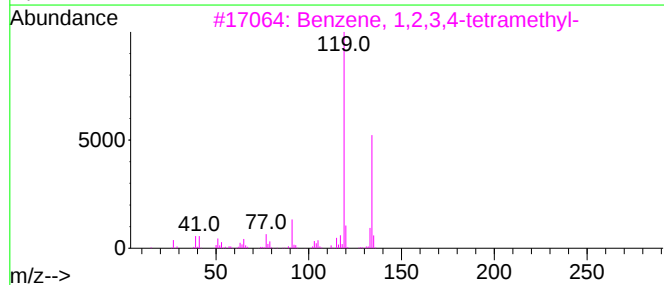
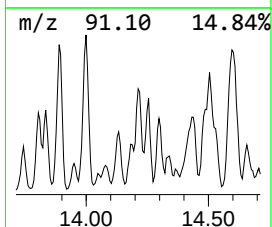
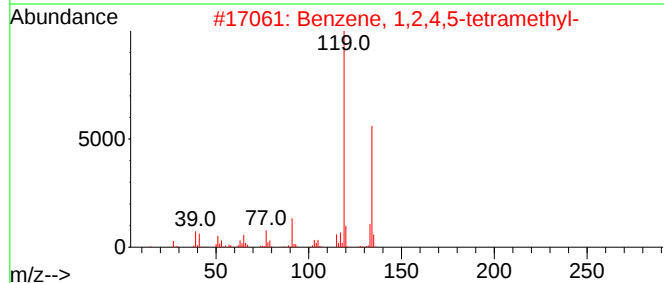
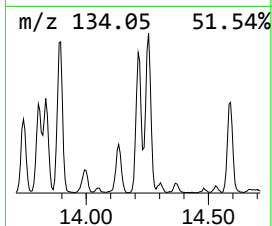
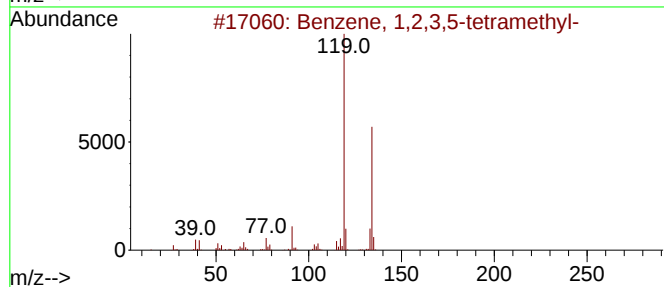
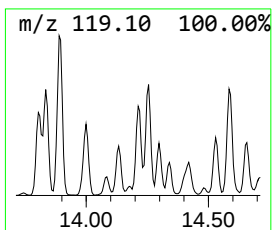
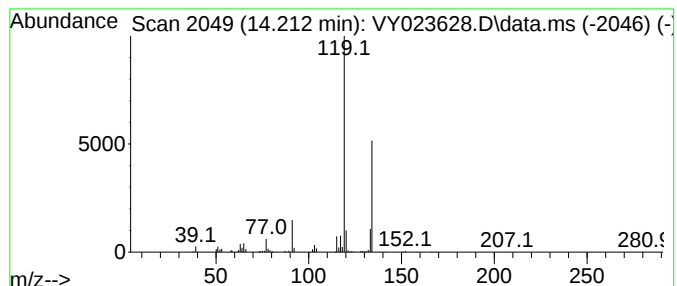
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.212	8.64 ug/l	454280	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



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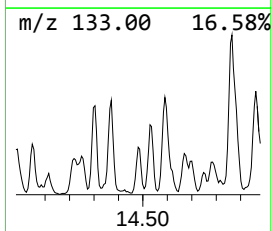
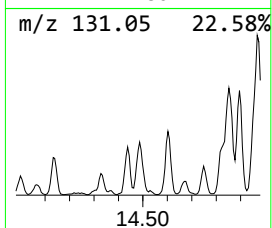
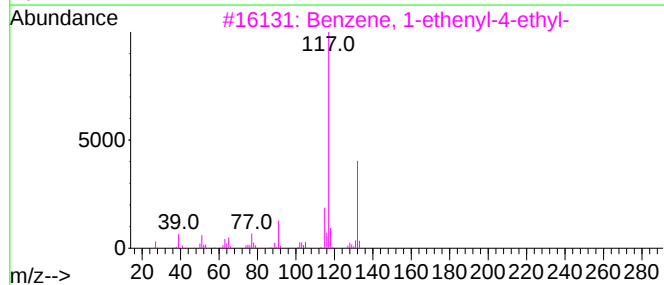
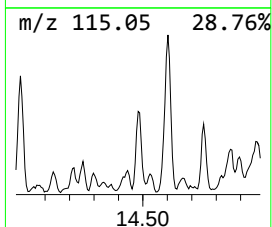
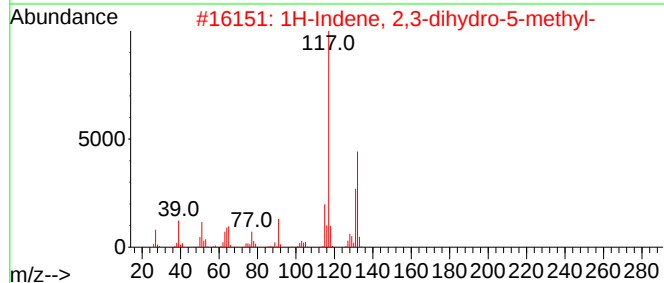
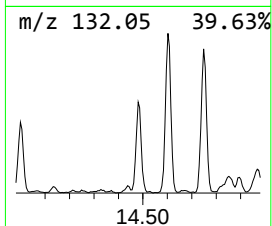
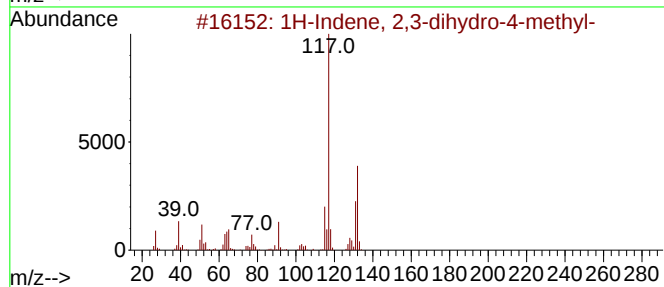
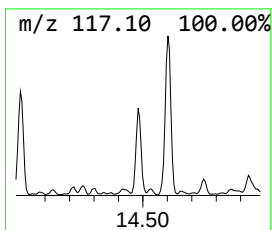
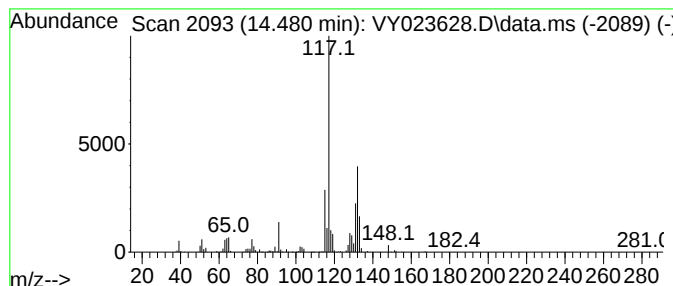
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	8.62 ug/l	452995	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023628.D
Acq On : 30 Oct 2025 13:26
Operator : SY/MD
Sample : Q3485-01
Misc : 6.69g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-102925

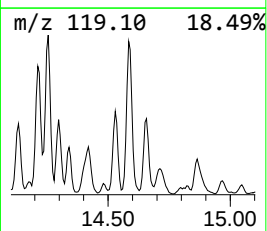
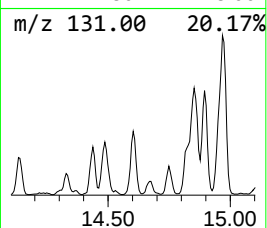
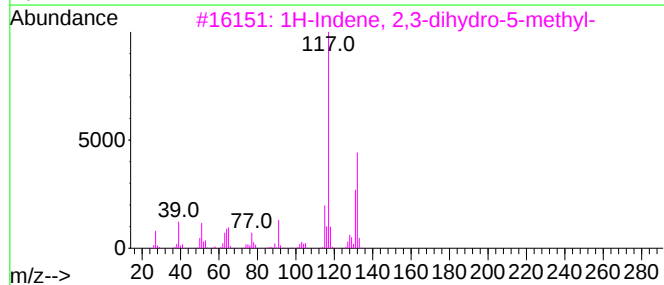
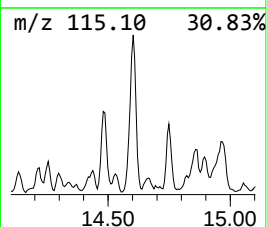
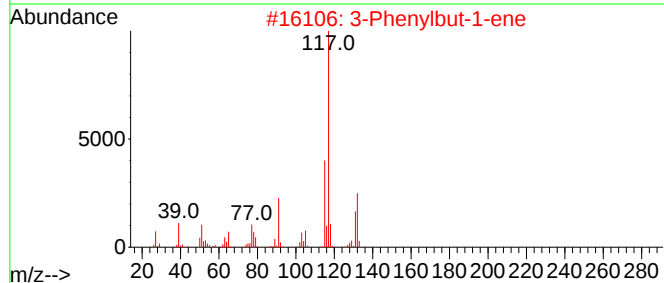
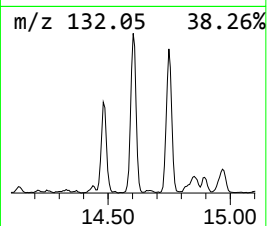
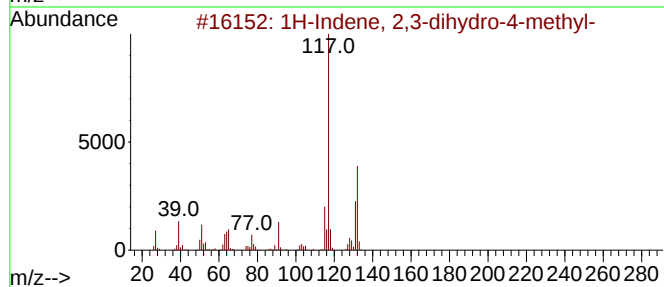
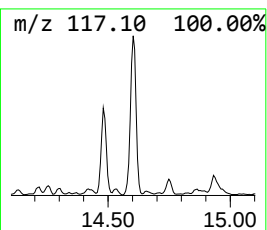
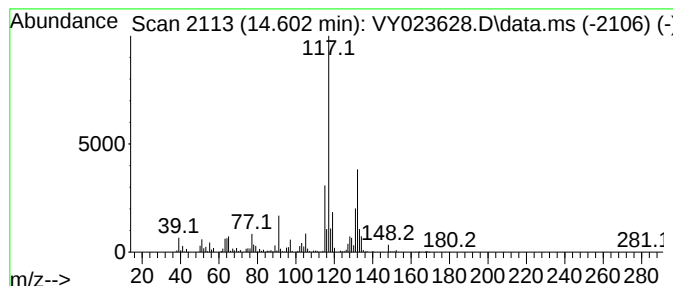
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Quant Title : SW846 8260

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

Peak Number 8 3-Phenylbut-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	25.85 ug/l	1358160	1,4-Dichlorobenzene-d4	13.347

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5		Indan, 1-methyl-	132	C10H12	000767-58-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023628.D
Acq On : 30 Oct 2025 13:26
Operator : SY/MD
Sample : Q3485-01
Misc : 6.69g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-102925

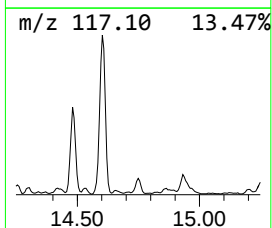
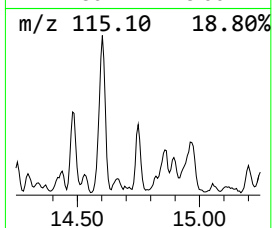
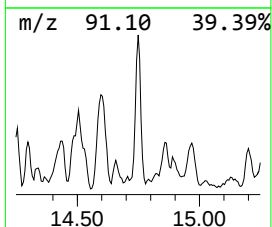
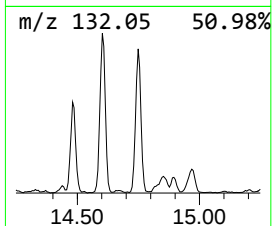
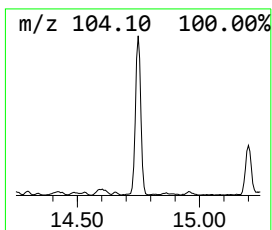
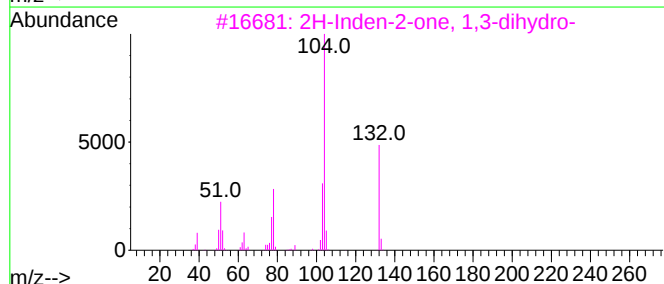
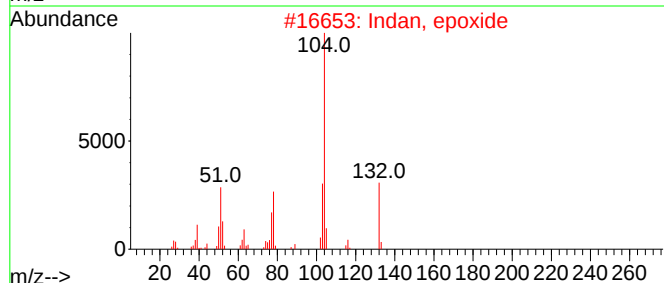
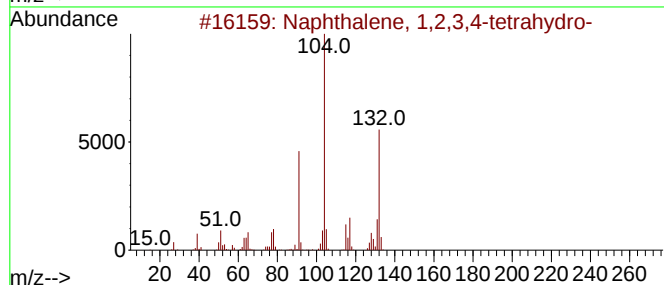
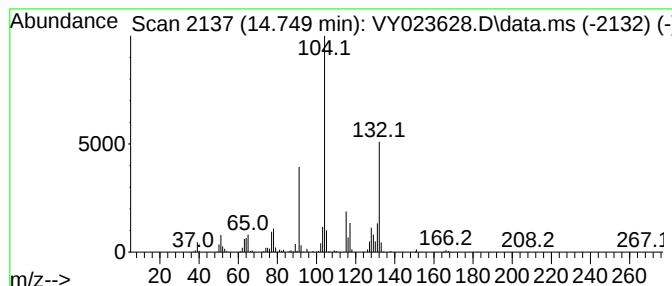
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.749	10.17 ug/l	534525	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2			Indan, epoxide	132	C9H8O	000768-22-9	58
3			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4			5,5-Dimethyl-4-phenyldihydrofura...	190	C12H14O2	013133-96-5	43
5			Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023628.D
Acq On : 30 Oct 2025 13:26
Operator : SY/MD
Sample : Q3485-01
Misc : 6.69g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-102925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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
Benzene, 1-meth...	13.834	8.6	ug/l	452498	4	13.347	2627430	50.0
o-Cymene	13.889	14.5	ug/l	763483	4	13.347	2627430	50.0
Benzene, 1,2,3,...	14.212	8.6	ug/l	454280	4	13.347	2627430	50.0
1H-Indene, 2,3-...	14.480	8.6	ug/l	452995	4	13.347	2627430	50.0
3-Phenylbut-1-ene	14.602	25.9	ug/l	1358160	4	13.347	2627430	50.0
Naphthalene, 1,...	14.749	10.2	ug/l	534525	4	13.347	2627430	50.0