

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
 Data File : VY023656.D
 Acq On : 03 Nov 2025 14:13
 Operator : SY/MD
 Sample : Q3520-01
 Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-103125

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: VY023656.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.623	463	476	494	rBV2	33958	122415	2.92%	0.336%
2	5.653	633	645	657	rBV3	20529	66401	1.59%	0.182%
3	7.634	959	970	976	rBV	534809	1283191	30.65%	3.521%
4	7.713	976	983	996	rVB	930965	2123526	50.72%	5.826%
5	8.061	1030	1040	1052	rBV	416935	938280	22.41%	2.574%
6	8.616	1121	1131	1147	rBV	1395022	2712469	64.79%	7.442%
7	10.109	1368	1376	1394	rBV	2066223	3560147	85.04%	9.768%
8	11.219	1547	1558	1567	rVB6	14146	42379	1.01%	0.116%
9	11.414	1583	1590	1601	rBV	1767542	2890685	69.05%	7.931%
10	11.950	1668	1678	1686	rBV3	54443	161753	3.86%	0.444%
11	12.170	1710	1714	1718	rVB4	24175	42417	1.01%	0.116%
12	12.414	1746	1754	1764	rBV2	2214048	4186454	100.00%	11.486%
13	12.566	1775	1779	1787	rVB3	37776	85613	2.05%	0.235%
14	12.658	1787	1794	1797	rBV	94950	165597	3.96%	0.454%
15	12.688	1797	1799	1801	rVV	58467	76449	1.83%	0.210%
16	12.731	1801	1806	1812	rVV2	299425	530927	12.68%	1.457%
17	12.786	1812	1815	1820	rVB3	36414	53894	1.29%	0.148%
18	12.895	1825	1833	1840	rBV	168876	339157	8.10%	0.931%
19	12.962	1840	1844	1851	rVB2	96583	155473	3.71%	0.427%
20	13.042	1851	1857	1862	rBV	182623	291829	6.97%	0.801%
21	13.170	1871	1878	1882	rBV4	40616	78608	1.88%	0.216%
22	13.237	1882	1889	1893	rBV2	161459	284868	6.80%	0.782%
23	13.286	1893	1897	1901	rBV4	53623	100008	2.39%	0.274%
24	13.347	1901	1907	1910	rBV	1301438	2029239	48.47%	5.568%
25	13.517	1930	1935	1936	rBV	69006	99031	2.37%	0.272%
26	13.542	1936	1939	1942	rVV	296603	398384	9.52%	1.093%
27	13.584	1942	1946	1954	rVB2	340597	585192	13.98%	1.606%
28	13.670	1954	1960	1965	rBV2	325250	534008	12.76%	1.465%
29	13.743	1965	1972	1978	rBV	196449	308504	7.37%	0.846%
30	13.804	1978	1982	1984	rBV	66075	91564	2.19%	0.251%
31	13.834	1984	1987	1991	rVB	136949	177786	4.25%	0.488%
32	13.889	1991	1996	2001	rVB3	446522	669190	15.98%	1.836%
33	13.944	2001	2005	2009	rVB2	47454	73191	1.75%	0.201%
34	13.999	2009	2014	2019	rVB	405614	627489	14.99%	1.722%
35	14.054	2019	2023	2024	rBV	68744	94449	2.26%	0.259%
36	14.133	2030	2036	2039	rBV	169541	294729	7.04%	0.809%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
 Data File : VY023656.D
 Acq On : 03 Nov 2025 14:13
 Operator : SY/MD
 Sample : Q3520-01
 Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-103125

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

37	14.176	2039	2043	2046	rVV4	133797	249265	5.95%	0.684%
38	14.212	2046	2049	2052	rVV	141683	231795	5.54%	0.636%
39	14.249	2052	2055	2059	rVB	287783	400552	9.57%	1.099%
40	14.298	2059	2063	2066	rBV	190055	249340	5.96%	0.684%
41	14.334	2066	2069	2073	rVB2	162473	203607	4.86%	0.559%
42	14.438	2081	2086	2089	rVB2	121949	196659	4.70%	0.540%
43	14.481	2089	2093	2097	rBV2	173363	272113	6.50%	0.747%
44	14.529	2097	2101	2105	rVB	308133	419439	10.02%	1.151%
45	14.596	2105	2112	2118	rBV3	688727	1570850	37.52%	4.310%
46	14.651	2118	2121	2127	rVB3	183641	301253	7.20%	0.827%
47	14.749	2132	2137	2142	rVV	393811	591856	14.14%	1.624%
48	14.822	2146	2149	2150	rBV2	42291	48455	1.16%	0.133%
49	14.858	2150	2155	2158	rVV2	251094	429267	10.25%	1.178%
50	14.889	2158	2160	2166	rVV2	173073	256600	6.13%	0.704%
51	14.968	2166	2173	2179	rVB3	281048	594410	14.20%	1.631%
52	15.121	2192	2198	2201	rBV5	103567	208685	4.98%	0.573%
53	15.200	2206	2211	2215	rVV	242040	379957	9.08%	1.042%
54	15.273	2215	2223	2230	rVV4	170618	628930	15.02%	1.726%
55	15.340	2230	2234	2241	rVB2	164564	279220	6.67%	0.766%
56	15.425	2242	2248	2255	rBV3	134657	306349	7.32%	0.841%
57	15.505	2257	2261	2265	rVB4	55870	89003	2.13%	0.244%
58	15.590	2267	2275	2277	rBV3	118033	259040	6.19%	0.711%
59	15.627	2277	2281	2288	rVB	298785	507910	12.13%	1.394%
60	15.712	2291	2295	2300	rVB4	48266	87746	2.10%	0.241%
61	15.785	2300	2307	2312	rBV3	93808	218360	5.22%	0.599%
62	15.925	2323	2330	2336	rBV2	225071	468034	11.18%	1.284%
63	16.114	2356	2361	2367	rVB2	173022	323777	7.73%	0.888%
64	16.181	2367	2372	2377	rBV2	65606	116094	2.77%	0.319%
65	16.377	2397	2404	2409	rBV6	56130	169763	4.06%	0.466%
66	16.505	2421	2425	2435	rVB4	46885	114301	2.73%	0.314%

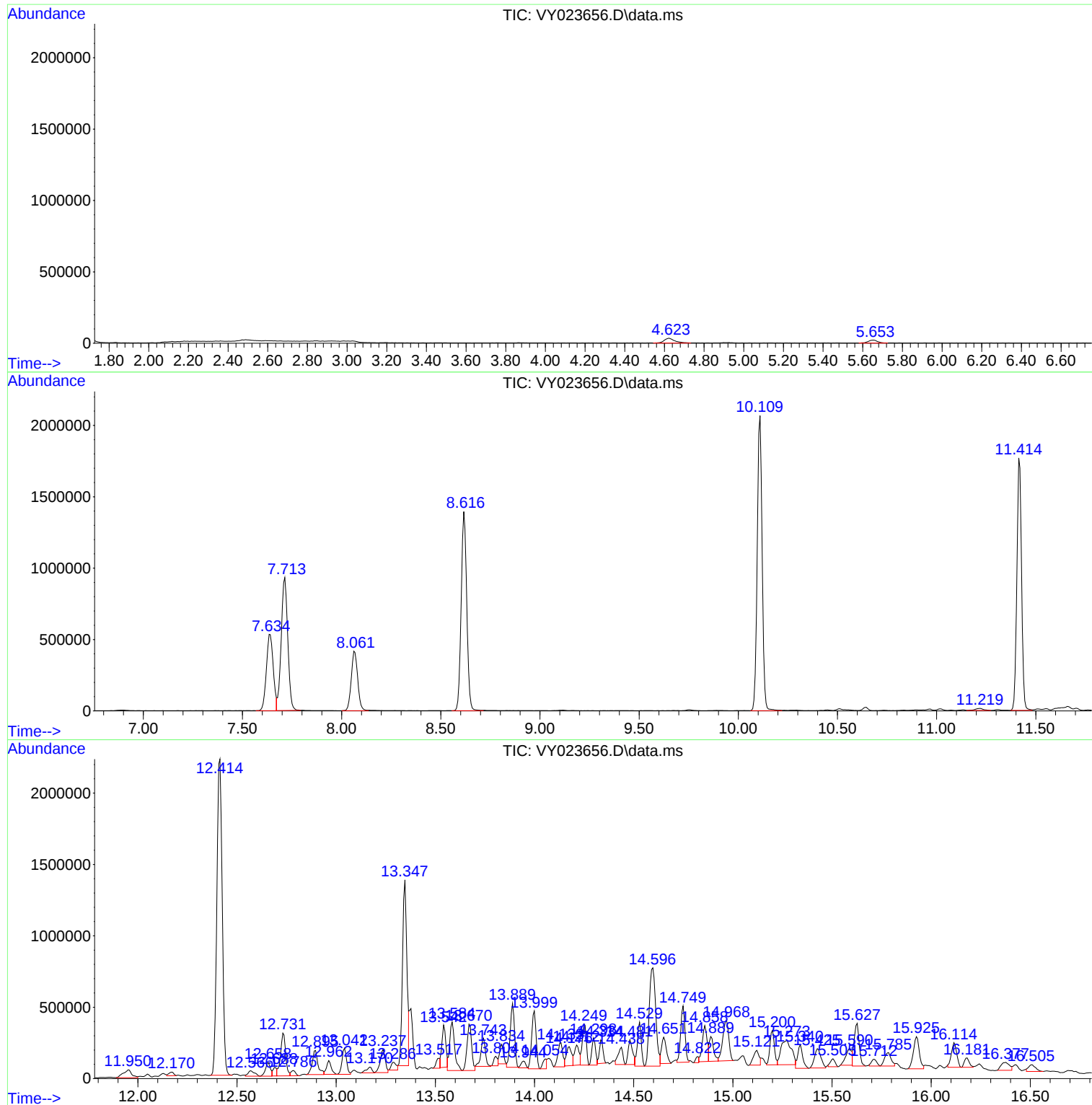
Sum of corrected areas: 36447926

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023656.D
Acq On : 03 Nov 2025 14:13
Operator : SY/MD
Sample : Q3520-01
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023656.D
Acq On : 03 Nov 2025 14:13
Operator : SY/MD
Sample : Q3520-01
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

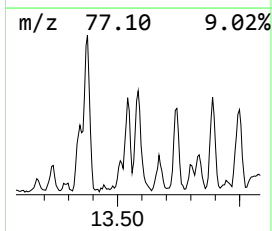
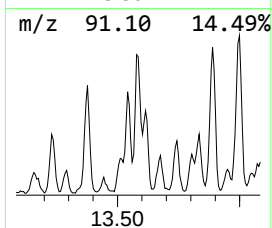
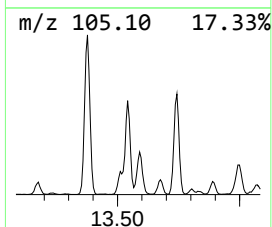
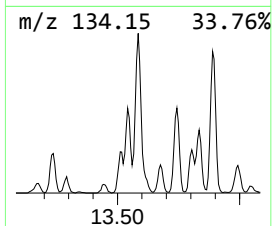
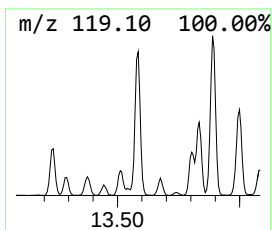
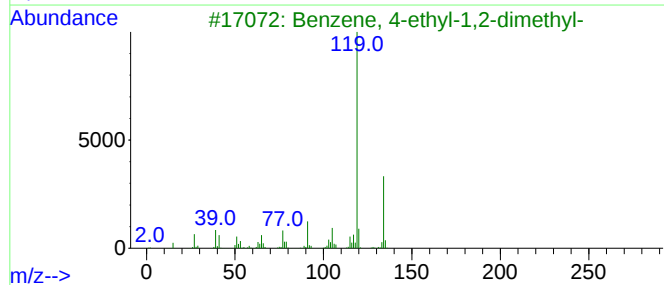
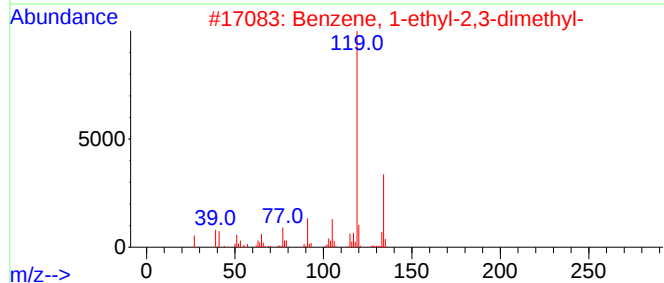
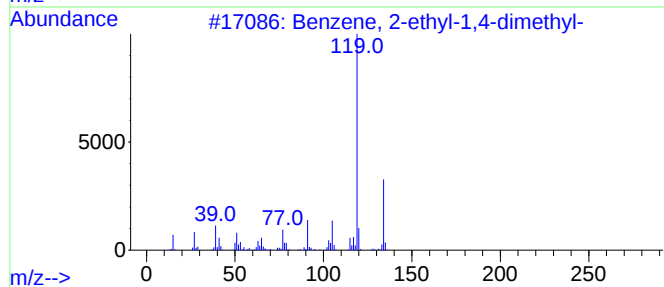
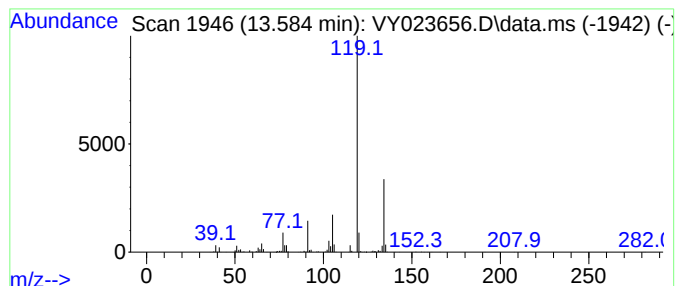
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.584	14.42 ug/l	585192	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023656.D
Acq On : 03 Nov 2025 14:13
Operator : SY/MD
Sample : Q3520-01
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

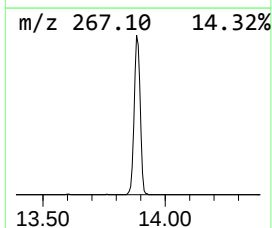
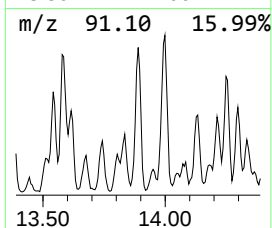
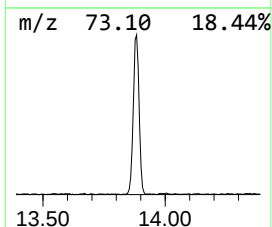
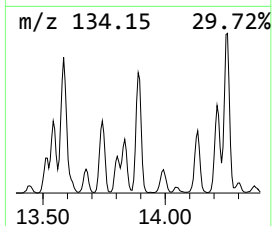
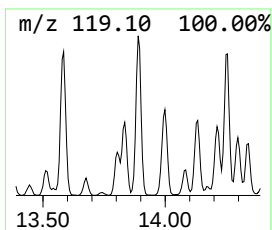
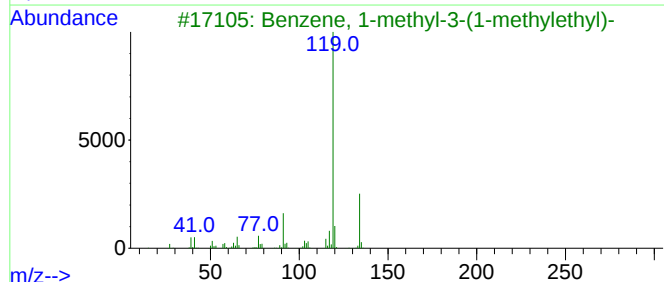
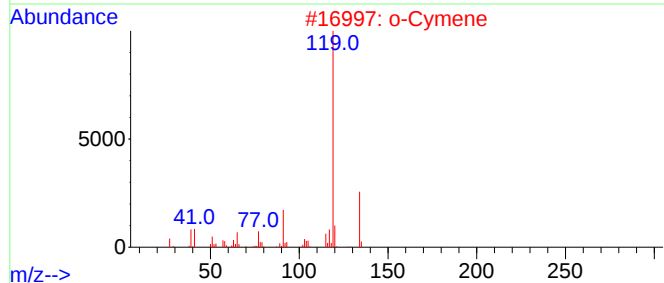
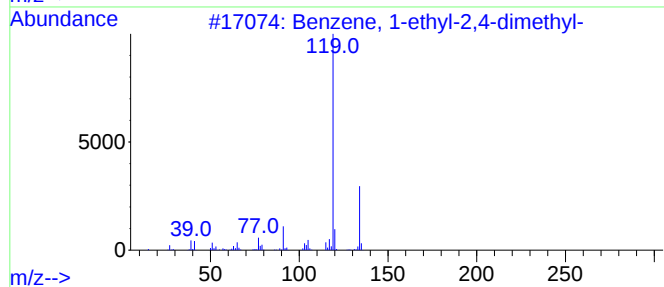
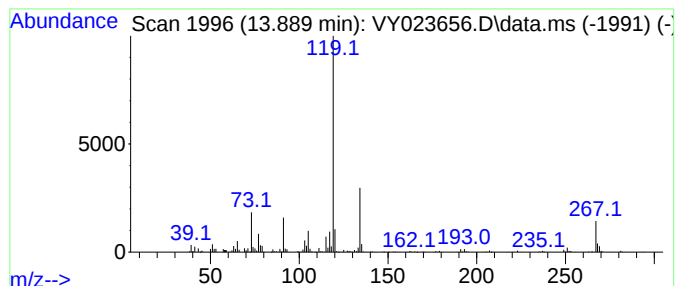
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	16.49 ug/l	669190	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023656.D
Acq On : 03 Nov 2025 14:13
Operator : SY/MD
Sample : Q3520-01
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

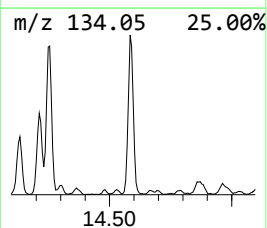
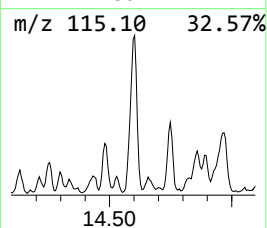
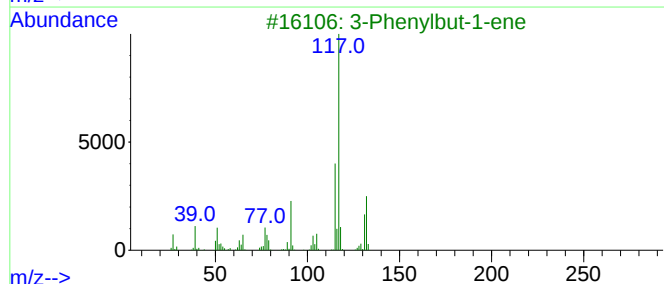
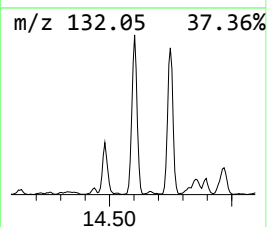
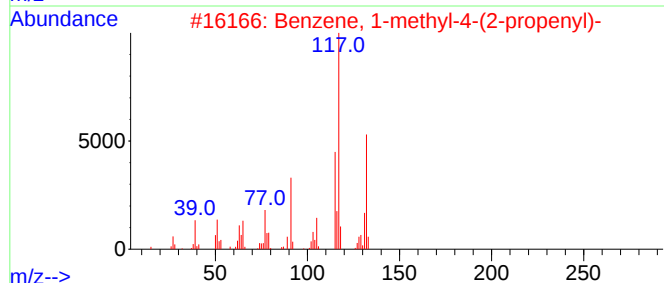
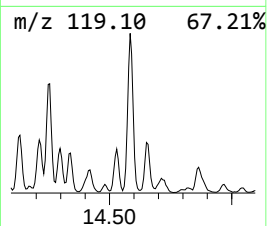
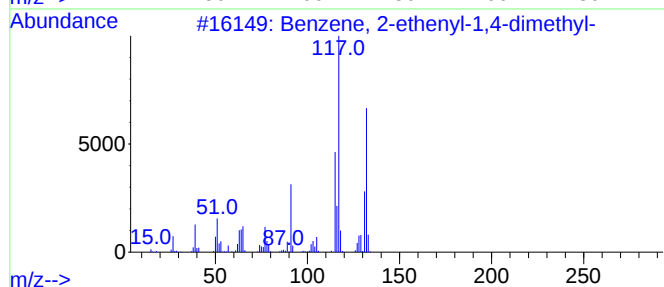
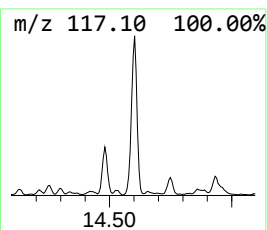
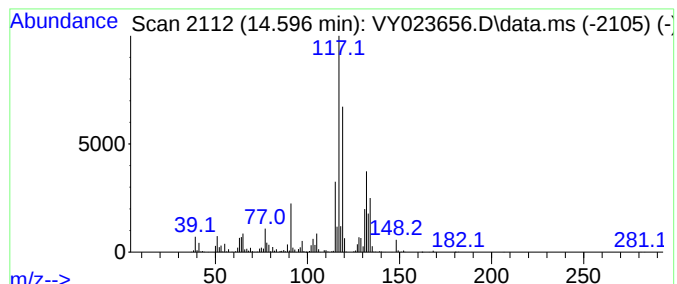
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	38.71 ug/l	1570850	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023656.D
Acq On : 03 Nov 2025 14:13
Operator : SY/MD
Sample : Q3520-01
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

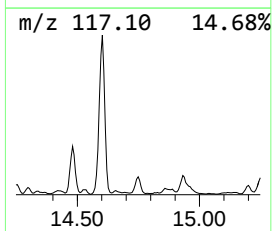
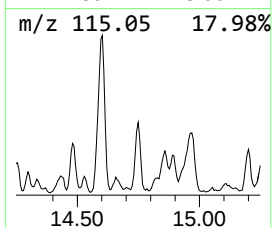
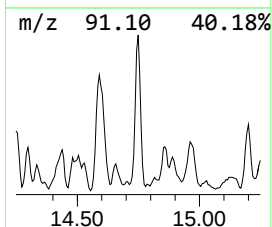
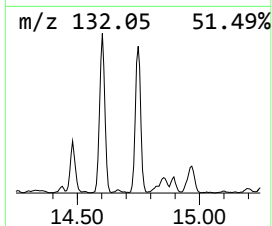
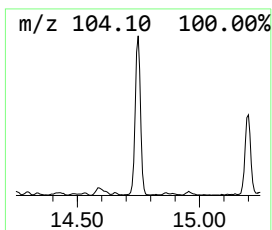
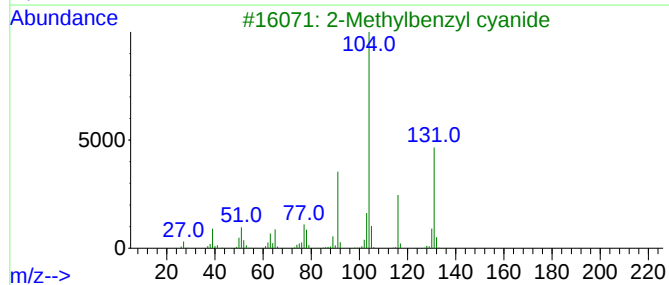
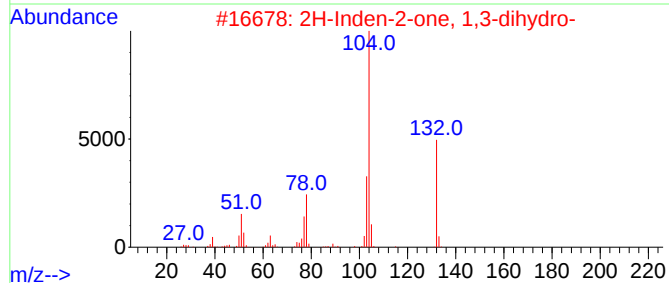
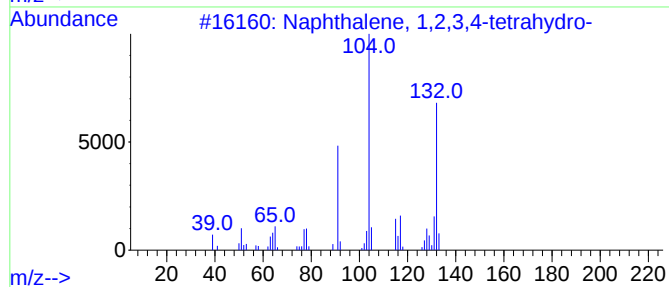
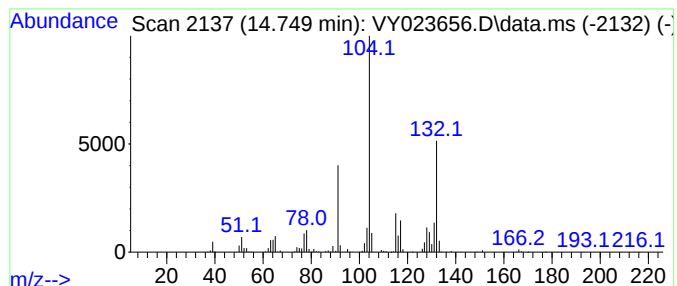
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.749	14.58 ug/l	591856	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			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3			2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49
4			2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38
5			Selenophene	132	C4H4Se	000288-05-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023656.D
Acq On : 03 Nov 2025 14:13
Operator : SY/MD
Sample : Q3520-01
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

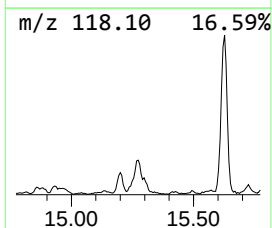
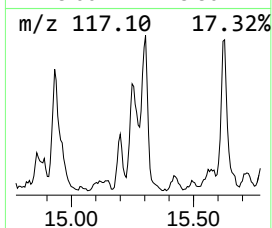
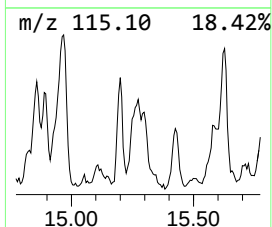
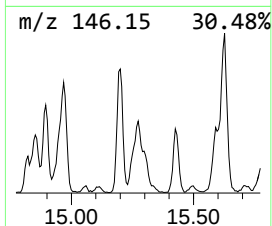
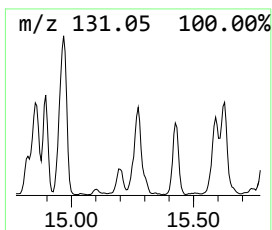
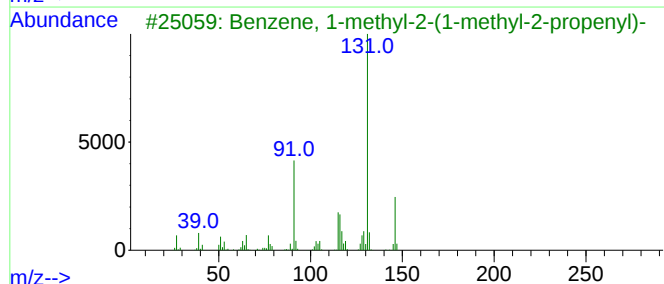
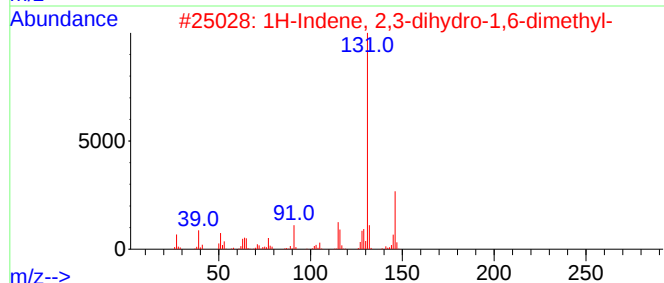
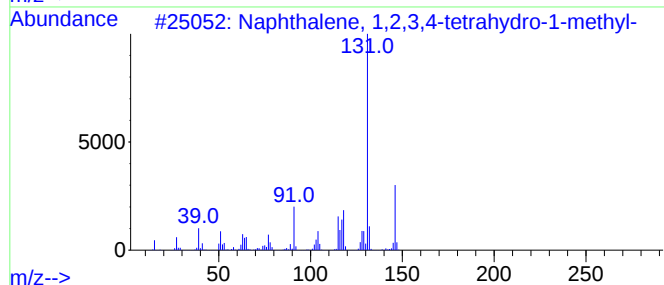
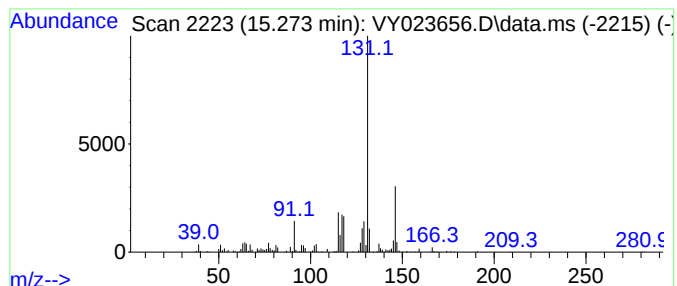
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.273	15.50 ug/l	628930	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	95
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023656.D
Acq On : 03 Nov 2025 14:13
Operator : SY/MD
Sample : Q3520-01
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-103125

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 2-ethy...	13.584	14.4	ug/l	585192	4	13.347	2029240	50.0
Benzene, 1-ethy...	13.889	16.5	ug/l	669190	4	13.347	2029240	50.0
Benzene, 2-ethe...	14.596	38.7	ug/l	1570850	4	13.347	2029240	50.0
Naphthalene, 1,...	14.749	14.6	ug/l	591856	4	13.347	2029240	50.0
Naphthalene, 1,...	15.273	15.5	ug/l	628930	4	13.347	2029240	50.0